

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046373.D
 Acq On : 28 May 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 03:30:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	90740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	152159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	79862	47.209	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.420%		
35) Dibromofluoromethane	5.373	113	56606	51.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.320%		
50) Toluene-d8	8.641	98	185390	48.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	11.079	95	73654	50.632	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	68397	49.248	ug/l	99
3) Chloromethane	1.301	50	63121	46.867	ug/l	98
4) Vinyl Chloride	1.374	62	57720	46.048	ug/l	99
5) Bromomethane	1.593	94	26448	45.491	ug/l	97
6) Chloroethane	1.666	64	33020	49.345	ug/l	99
7) Trichlorofluoromethane	1.874	101	92540	49.954	ug/l	97
8) Diethyl Ether	2.130	74	30385	48.182	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	59846	52.202	ug/l	99
10) Methyl Iodide	2.441	142	63683	46.945	ug/l	99
11) Tert butyl alcohol	2.971	59	55627	234.257	ug/l	98
12) 1,1-Dichloroethene	2.313	96	52150	48.469	ug/l	96
13) Acrolein	2.233	56	76804	284.006	ug/l	99
14) Allyl chloride	2.654	41	104711	50.921	ug/l	99
15) Acrylonitrile	3.056	53	176458	259.877	ug/l	99
16) Acetone	2.380	43	189134	278.841	ug/l	99
17) Carbon Disulfide	2.502	76	106659	41.813	ug/l	100
18) Methyl Acetate	2.703	43	98692	62.702	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	190863	50.597	ug/l	100
20) Methylene Chloride	2.782	84	61306	47.165	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	52204	48.246	ug/l	97
22) Diisopropyl ether	3.751	45	209387	52.714	ug/l	96
23) Vinyl Acetate	3.715	43	885689	253.517	ug/l	100
24) 1,1-Dichloroethane	3.599	63	113914	51.489	ug/l	100
25) 2-Butanone	4.550	43	258303	262.310	ug/l	98
26) 2,2-Dichloropropane	4.459	77	88382	51.039	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	65023	49.918	ug/l	99
28) Bromochloromethane	4.885	49	53136	49.897	ug/l	99
29) Tetrahydrofuran	4.995	42	154227	249.941	ug/l	99
30) Chloroform	5.080	83	119140	51.666	ug/l	93
31) Cyclohexane	5.458	56	93960	46.606	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	101223	50.638	ug/l	99
36) 1,1-Dichloropropene	5.678	75	73913	50.206	ug/l	99
37) Ethyl Acetate	4.702	43	90927	49.990	ug/l	99
38) Carbon Tetrachloride	5.660	117	86209	52.117	ug/l	100
39) Methylcyclohexane	7.373	83	91148	48.091	ug/l	96
40) Benzene	6.025	78	221588	51.387	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	55147	57.959	ug/l	97
42) 1,2-Dichloroethane	6.074	62	97593	52.438	ug/l	99
43) Isopropyl Acetate	6.330	43	147895	53.299	ug/l	99
44) Trichloroethene	7.117	130	53268	51.325	ug/l	94
45) 1,2-Dichloropropane	7.422	63	58024	54.114	ug/l	97
46) Dibromomethane	7.574	93	44458	52.570	ug/l	99
47) Bromodichloromethane	7.812	83	92747	55.682	ug/l	98
48) Methyl methacrylate	7.684	41	76027	53.649	ug/l	100
49) 1,4-Dioxane	7.653	88	26785	995.451	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	495291	268.904	ug/l	99
52) Toluene	8.714	92	135179	51.124	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	80072	54.084	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	88877	54.314	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	56020	53.731	ug/l	99
56) Ethyl methacrylate	9.110	69	89122	53.634	ug/l	99
57) 1,3-Dichloropropane	9.305	76	97406	52.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	232503	274.453	ug/l	98
59) 2-Hexanone	9.427	43	367741	269.863	ug/l	99
60) Dibromochloromethane	9.519	129	63805	55.724	ug/l	100
61) 1,2-Dibromoethane	9.604	107	56710	52.333	ug/l	99
64) Tetrachloroethene	9.269	164	48255	51.504	ug/l	96
65) Chlorobenzene	10.073	112	147100	50.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53715	54.275	ug/l	100
67) Ethyl Benzene	10.189	91	267524	52.364	ug/l	99
68) m/p-Xylenes	10.299	106	196199	105.000	ug/l	99
69) o-Xylene	10.640	106	96373	52.904	ug/l	99
70) Styrene	10.653	104	162911	54.593	ug/l	99
71) Bromoform	10.799	173	40985	55.159	ug/l #	96
73) Isopropylbenzene	10.957	105	261602	52.119	ug/l	100
74) N-amyl acetate	10.842	43	125952	50.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	85496	48.606	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77939m	50.223	ug/l	
77) Bromobenzene	11.195	156	58888	50.535	ug/l	99
78) n-propylbenzene	11.299	91	309574	53.044	ug/l	99
79) 2-Chlorotoluene	11.360	91	187928	49.923	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	218395	52.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	25034	52.519	ug/l	99
82) 4-Chlorotoluene	11.451	91	217232	52.037	ug/l	99
83) tert-Butylbenzene	11.713	119	218227	51.665	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	220390	51.899	ug/l	100
85) sec-Butylbenzene	11.890	105	277250	53.459	ug/l	99
86) p-Isopropyltoluene	12.006	119	229920	53.709	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	109217	51.355	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	109348	50.346	ug/l	99
89) n-Butylbenzene	12.329	91	209349	55.752	ug/l	99
90) Hexachloroethane	12.536	117	40814	54.117	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	107798	50.511	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20366	52.265	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	64353	52.500	ug/l	99
94) Hexachlorobutadiene	13.719	225	28493	53.224	ug/l	98
95) Naphthalene	13.774	128	224271	49.886	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	65827	52.046	ug/l	99

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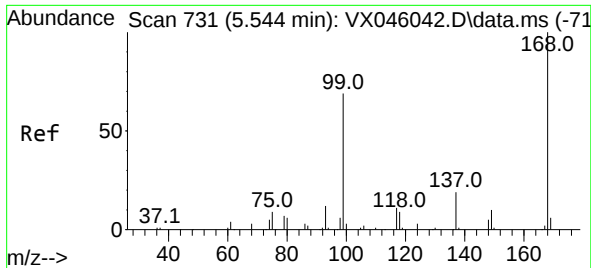
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/29/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

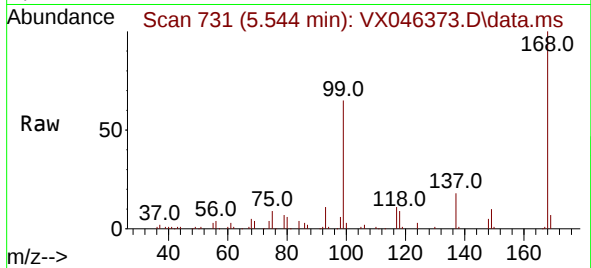
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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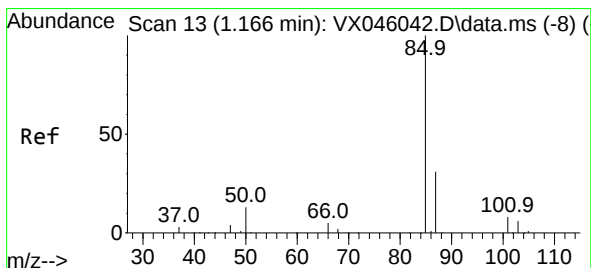
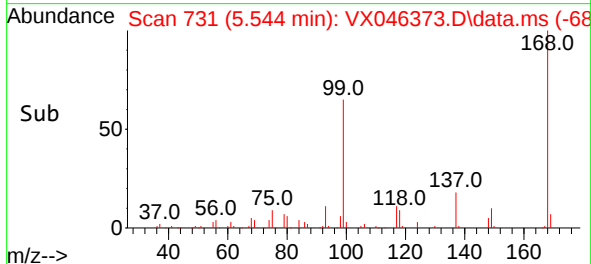
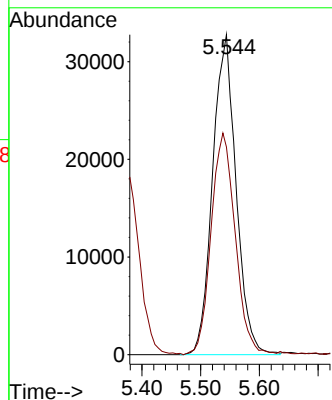
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 90740
Ion Ratio Lower Upper
168 100
99 64.5 54.9 82.3

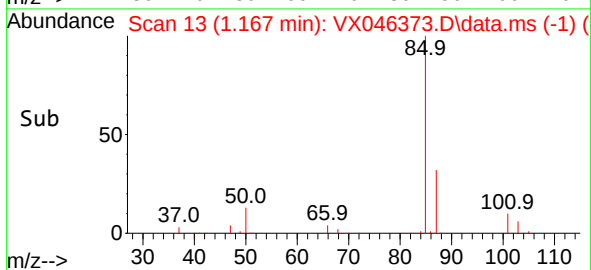
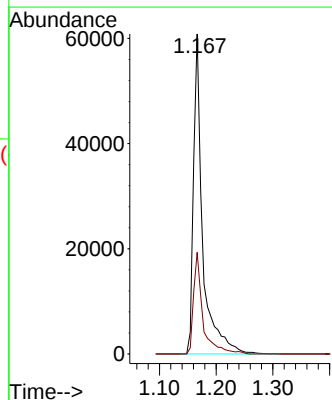
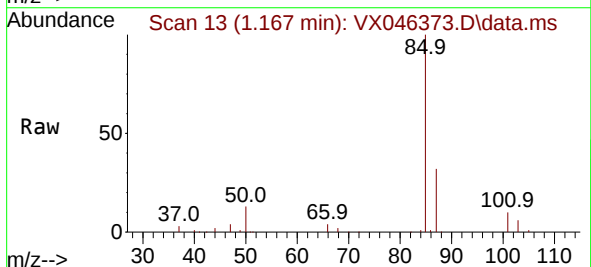
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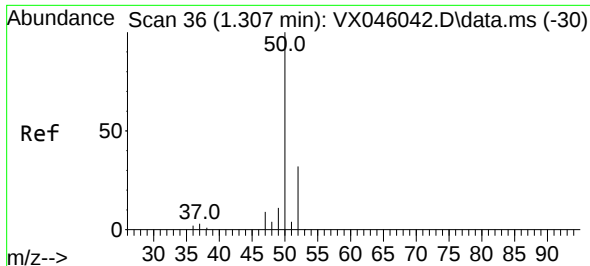
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 49.248 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

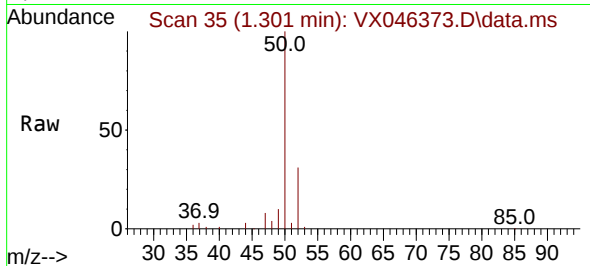
Tgt Ion: 85 Resp: 68397
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 46.867 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

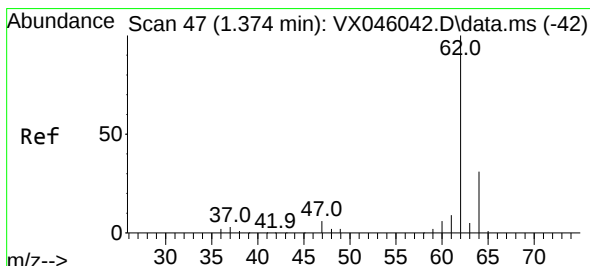
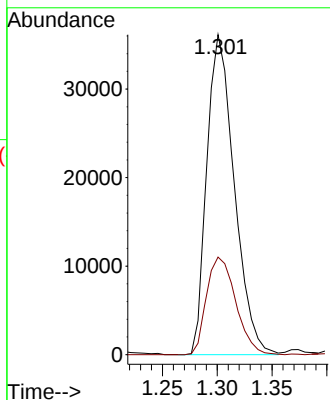
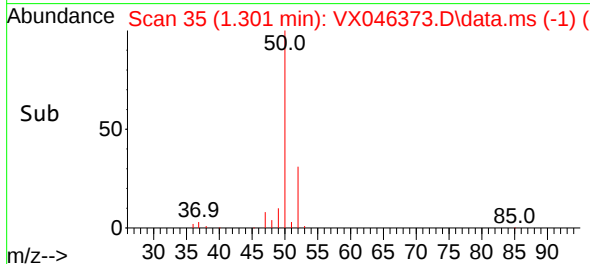
Instrument :
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Tgt Ion: 50 Resp: 6312
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2

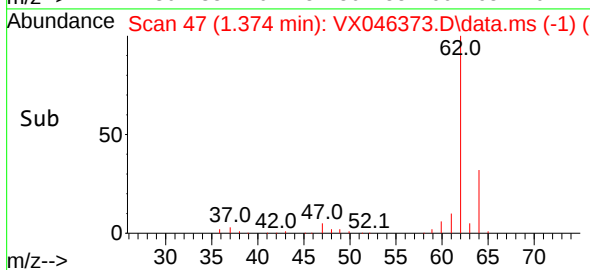
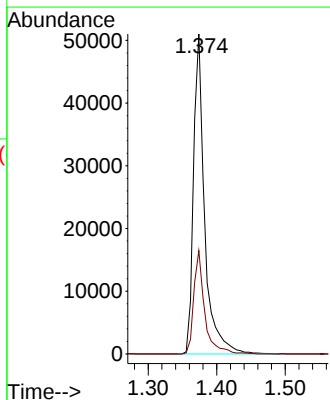
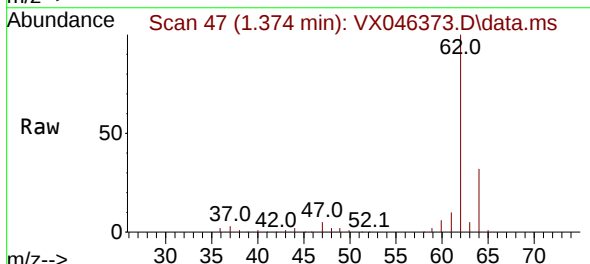
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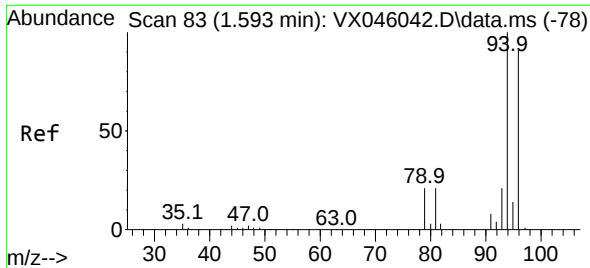
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#4
Vinyl Chloride
Concen: 46.048 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

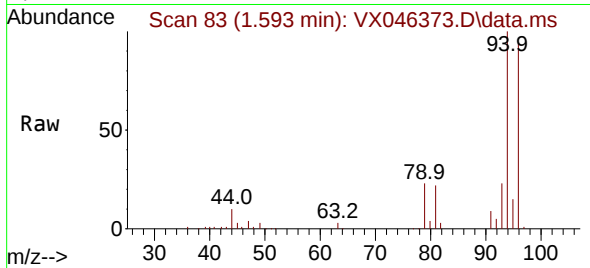
Tgt Ion: 62 Resp: 57720
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 45.491 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

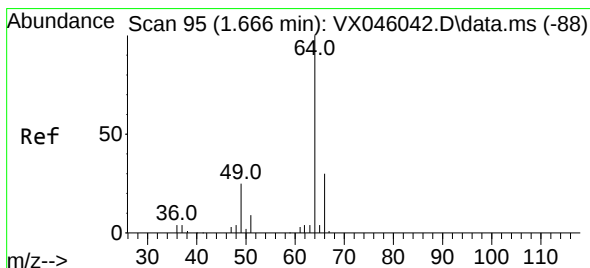
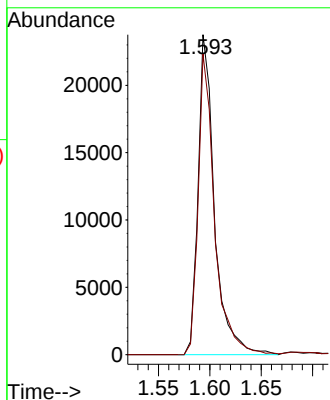
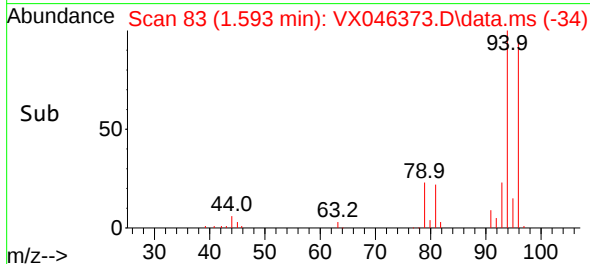
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Tgt Ion: 94 Resp: 26448
Ion Ratio Lower Upper
94 100
96 94.0 72.8 109.2

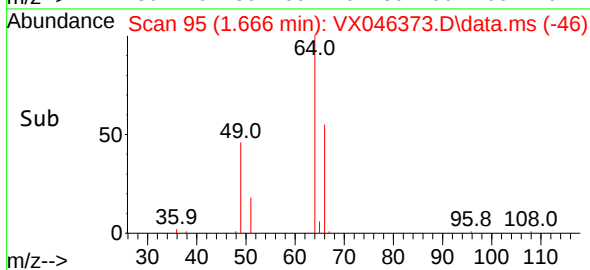
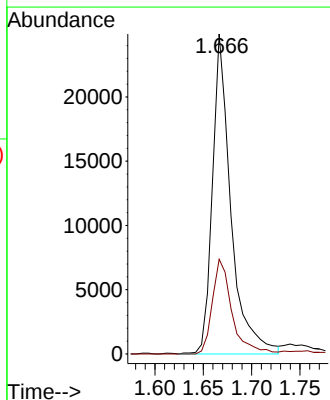
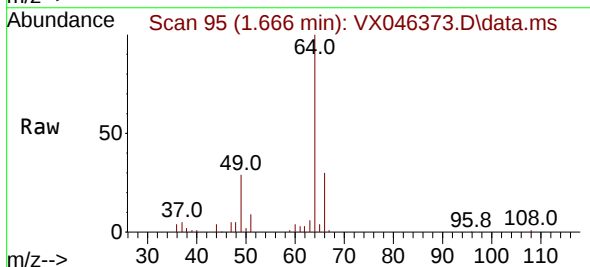
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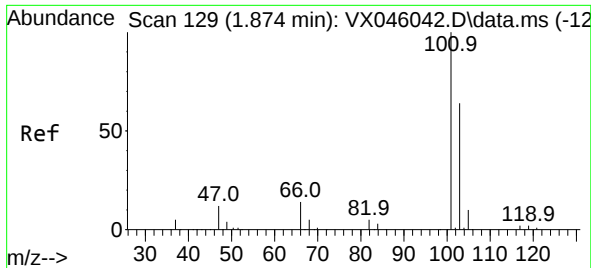
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#6
Chloroethane
Concen: 49.345 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046373.D
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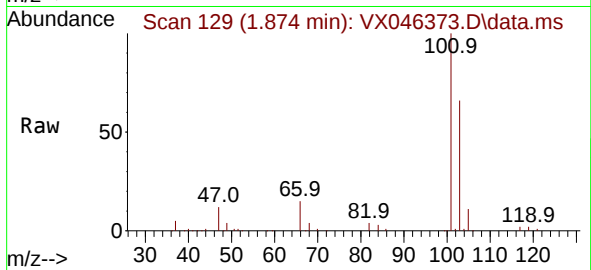
Tgt Ion: 64 Resp: 33020
Ion Ratio Lower Upper
64 100
66 29.6 24.3 36.5





#7
Trichlorofluoromethane
Concen: 49.954 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

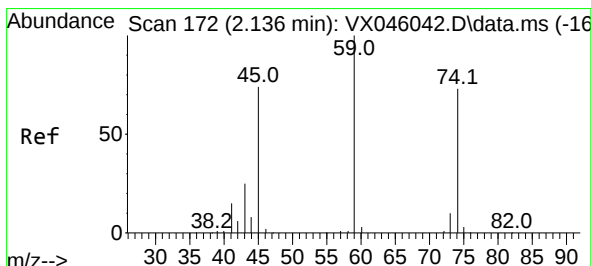
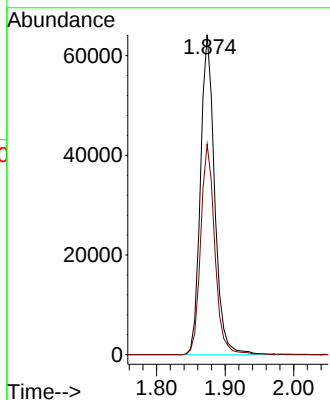
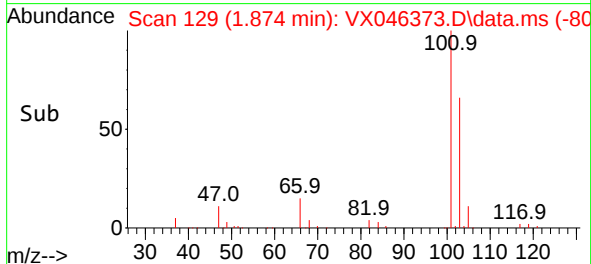
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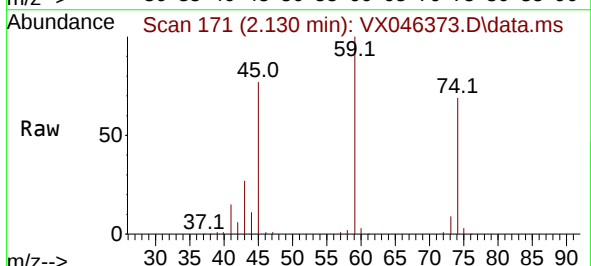
Tgt Ion:101 Resp: 92540
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.4

Manual Integrations
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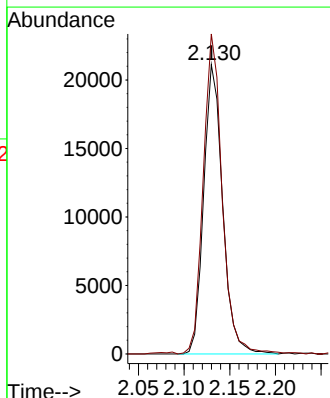
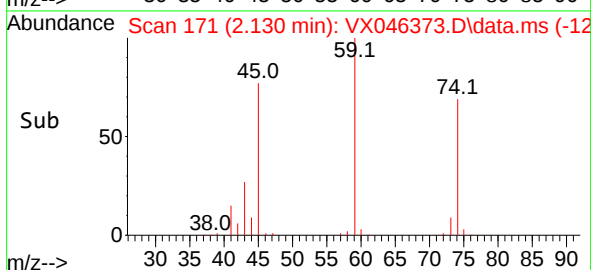
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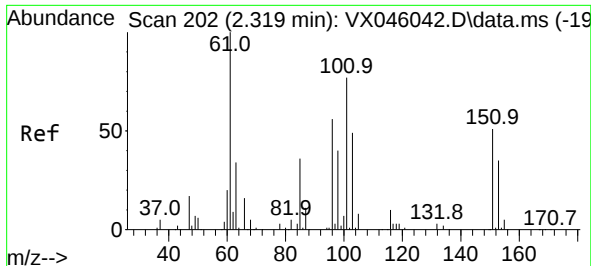


#8
Diethyl Ether
Concen: 48.182 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



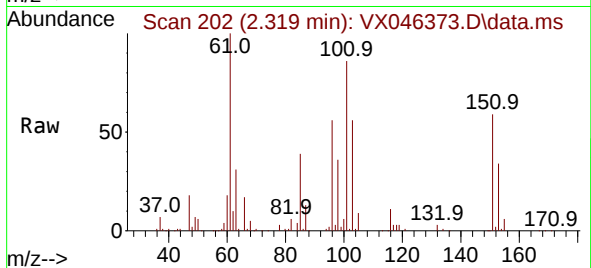
Tgt Ion: 74 Resp: 30385
Ion Ratio Lower Upper
74 100
45 110.5 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.202 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

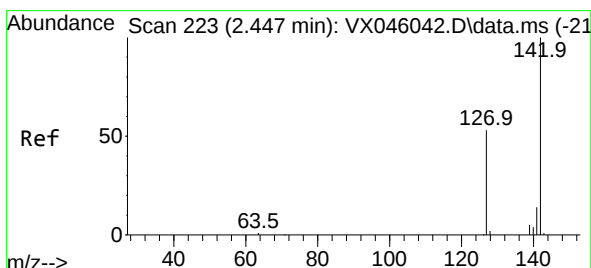
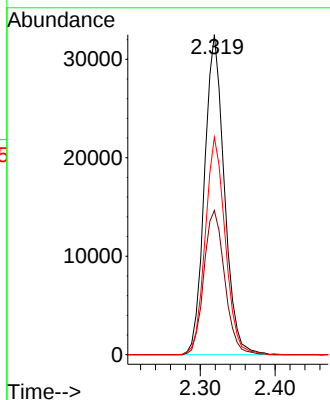
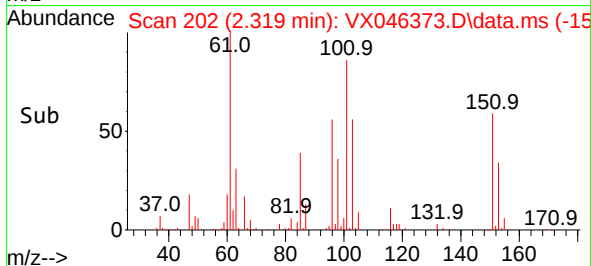
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



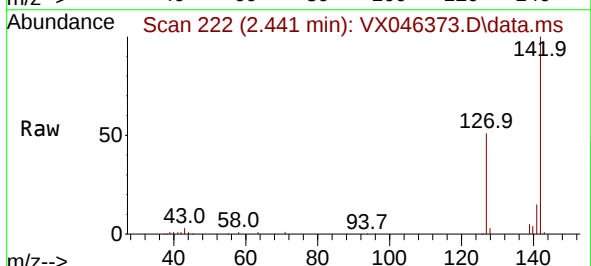
Tgt Ion:101 Resp: 59840
Ion Ratio Lower Upper
101 100
85 47.4 38.6 58.0
151 68.8 55.2 82.8

Manual Integrations
APPROVED

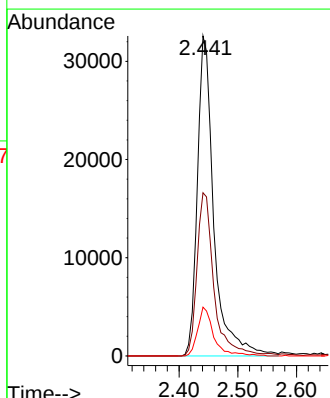
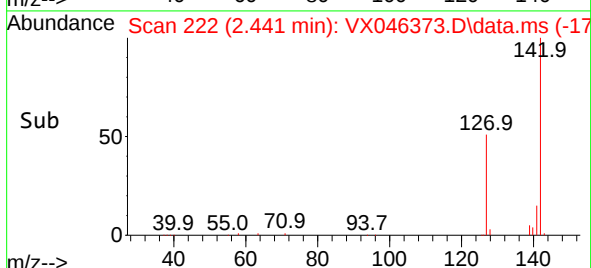
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

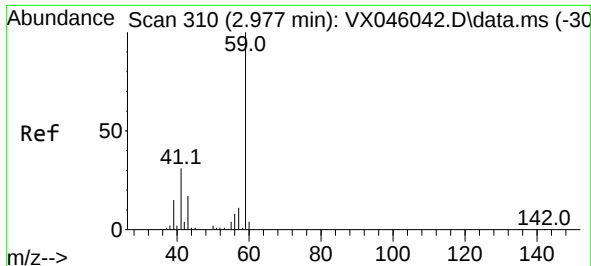


#10
Methyl Iodide
Concen: 46.945 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



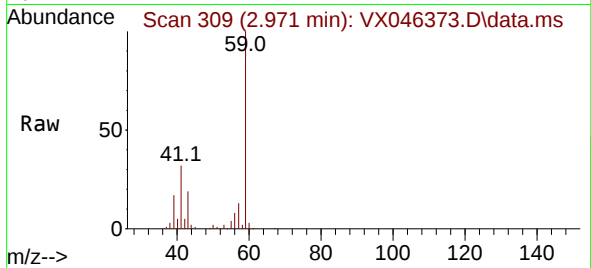
Tgt Ion:142 Resp: 63683
Ion Ratio Lower Upper
142 100
127 52.6 41.7 62.5
141 14.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 234.257 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

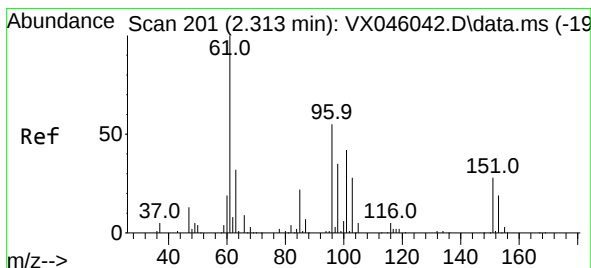
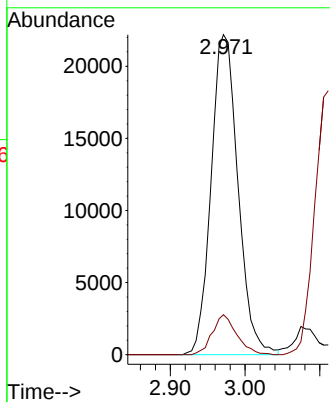
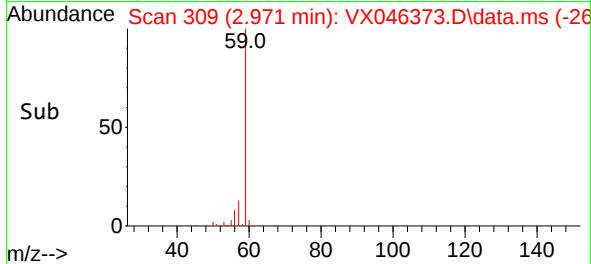
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 5562
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

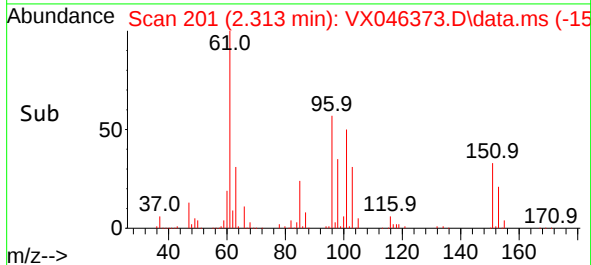
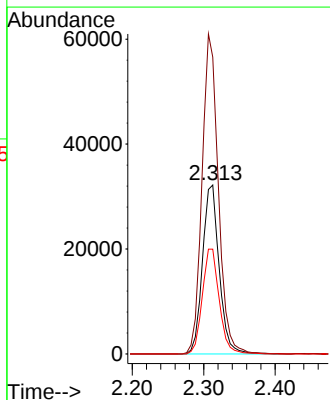
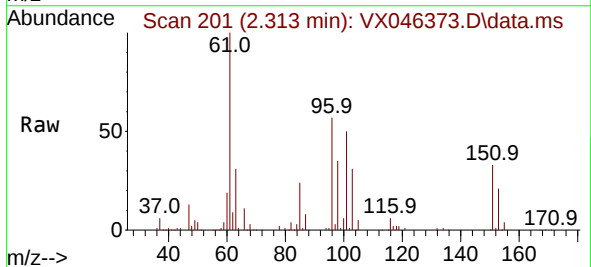
Manual Integrations
APPROVED

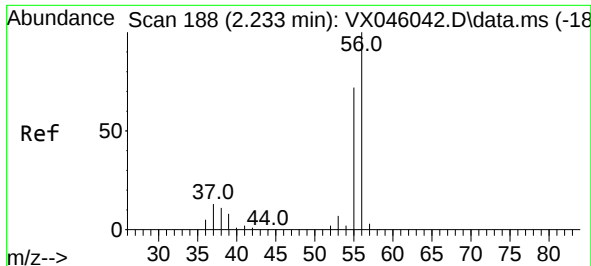
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#12
1,1-Dichloroethene
Concen: 48.469 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Tgt Ion: 96 Resp: 52150
Ion Ratio Lower Upper
96 100
61 175.7 146.2 219.2
98 62.1 51.0 76.6





#13

Acrolein

Concen: 284.006 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 76804

Ion Ratio Lower Upper

56 100

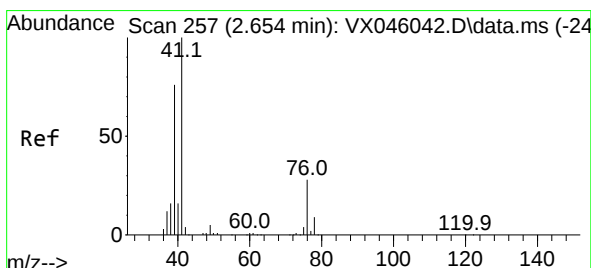
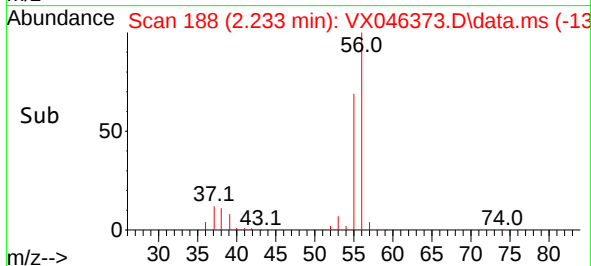
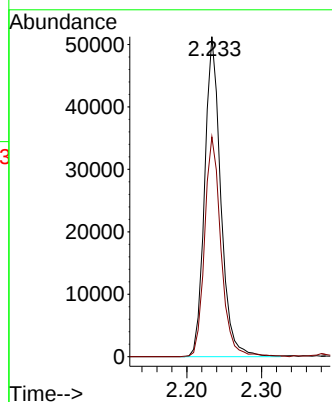
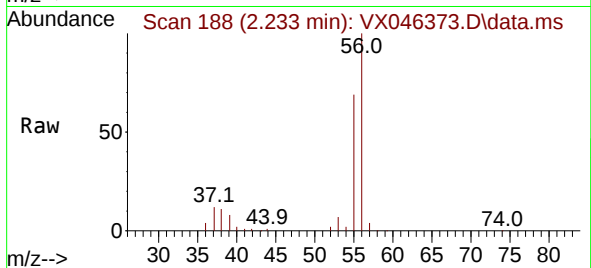
55 69.8 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#14

Allyl chloride

Concen: 50.921 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

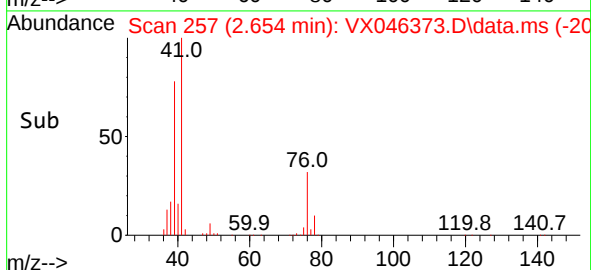
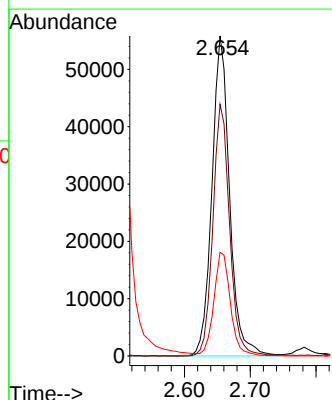
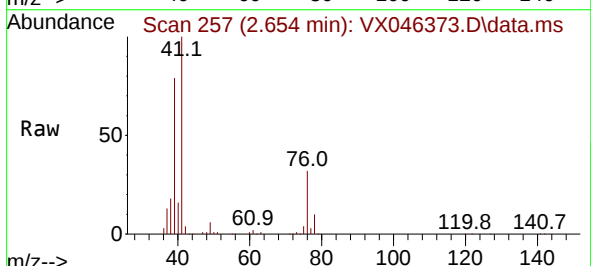
Tgt Ion: 41 Resp: 104711

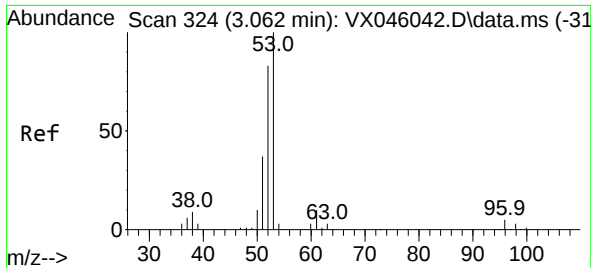
Ion Ratio Lower Upper

41 100

39 74.4 60.6 90.8

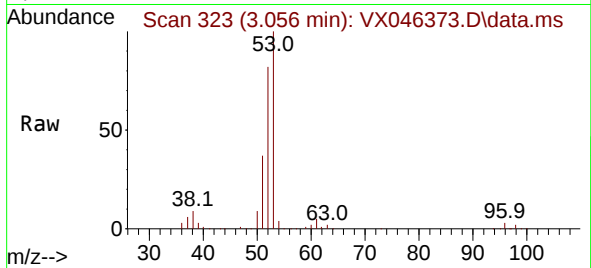
76 30.5 24.9 37.3





#15
Acrylonitrile
Concen: 259.877 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

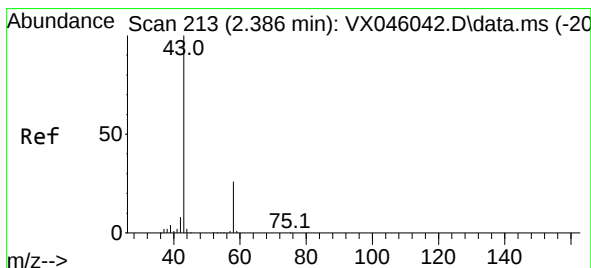
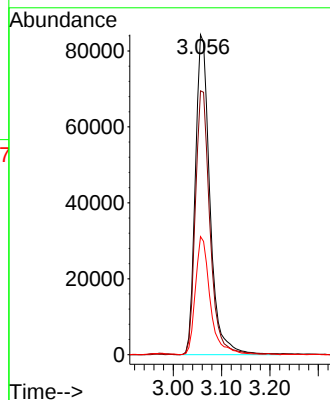
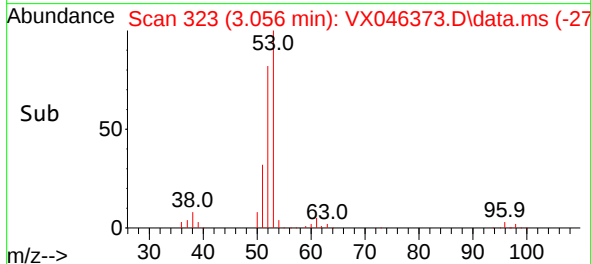
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 176458
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.6 29.8 44.8

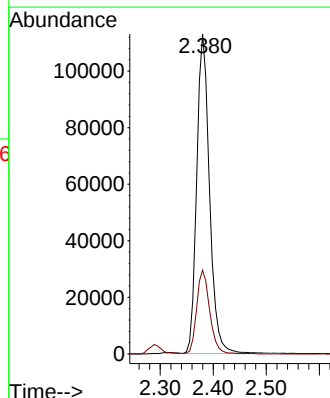
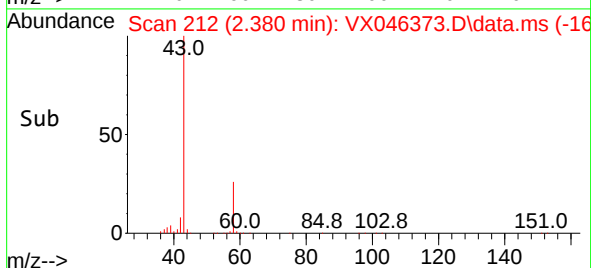
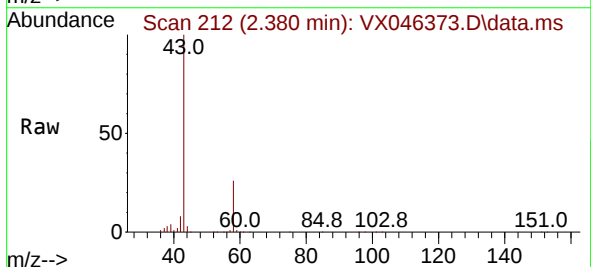
Manual Integrations
APPROVED

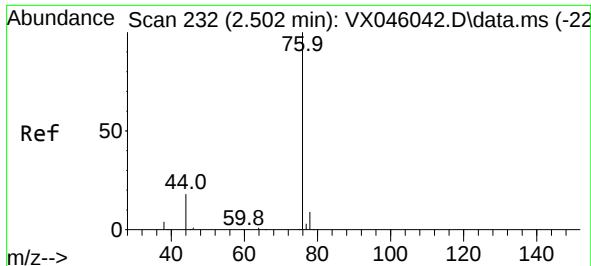
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#16
Acetone
Concen: 278.841 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

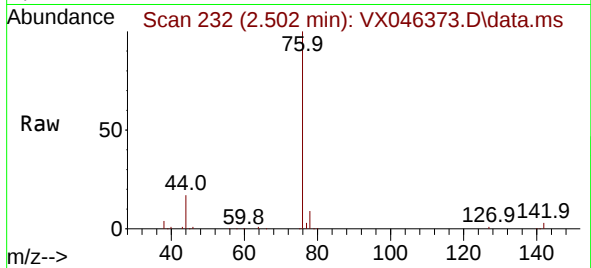
Tgt Ion: 43 Resp: 189134
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8





#17
Carbon Disulfide
Concen: 41.813 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

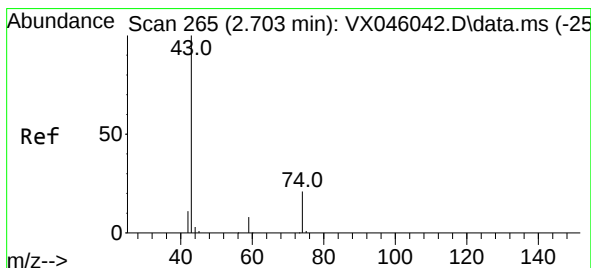
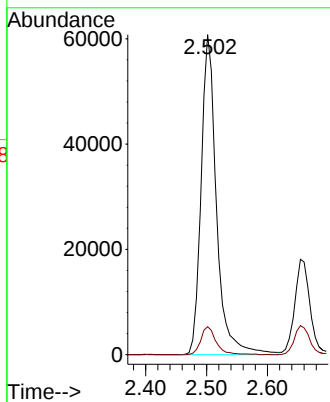
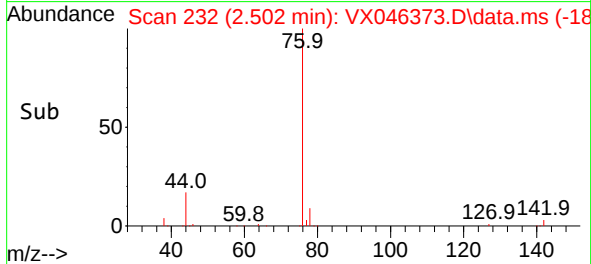
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 106659
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

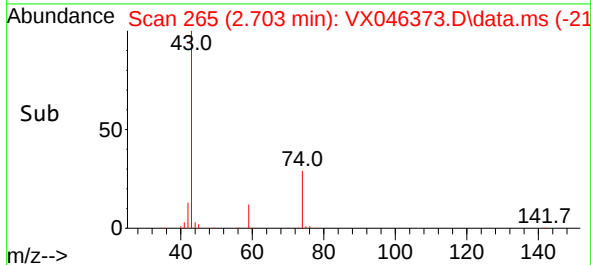
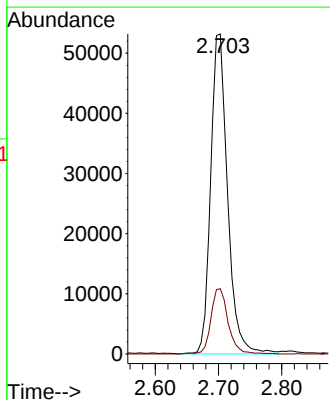
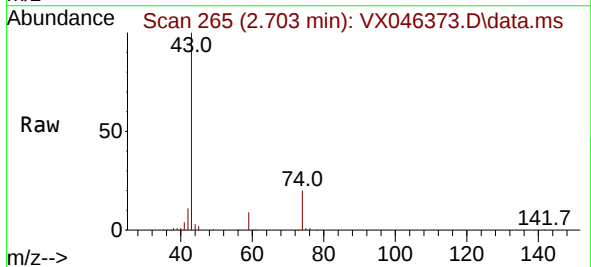
Manual Integrations
APPROVED

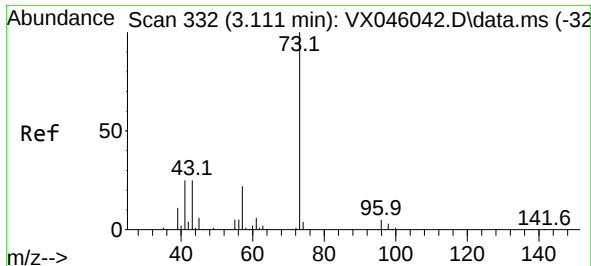
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#18
Methyl Acetate
Concen: 62.702 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

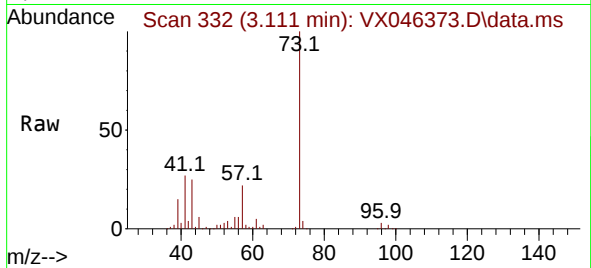
Tgt Ion: 43 Resp: 98692
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 50.597 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

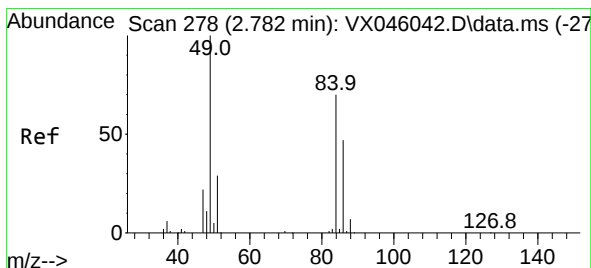
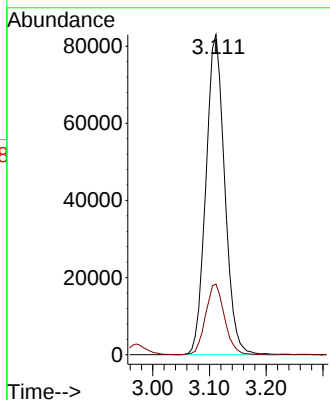
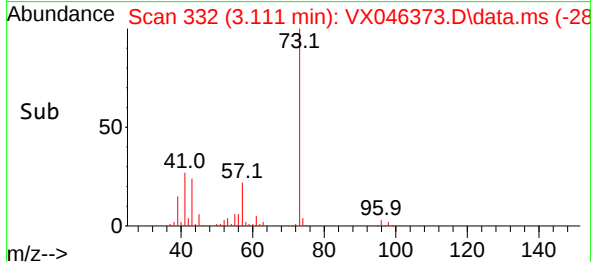
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 19086
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

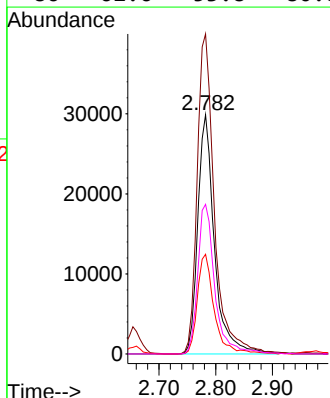
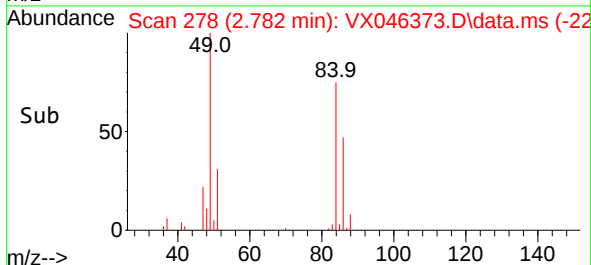
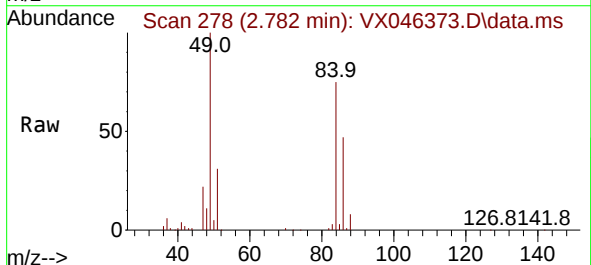
Manual Integrations
APPROVED

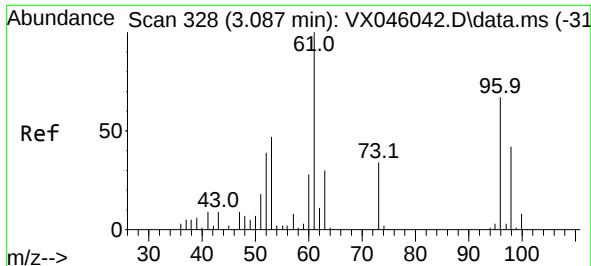
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 47.165 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

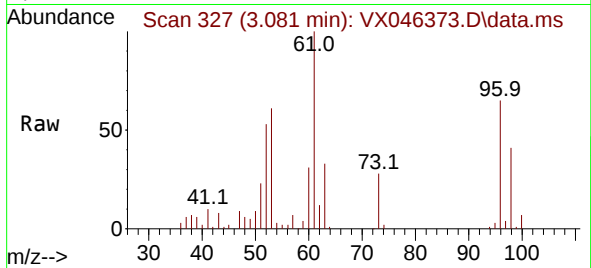
Tgt Ion: 84 Resp: 61306
Ion Ratio Lower Upper
84 100
49 133.8 113.9 170.9
51 41.7 33.5 50.3
86 62.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 48.246 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

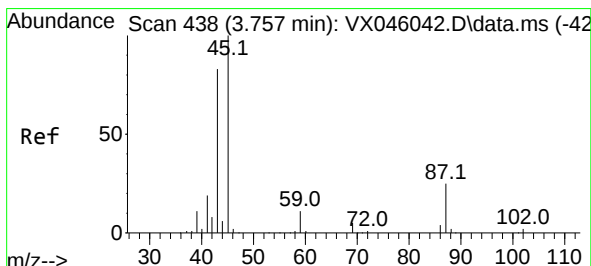
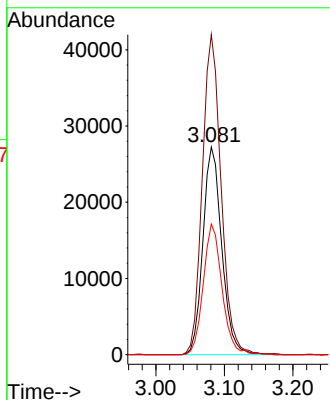
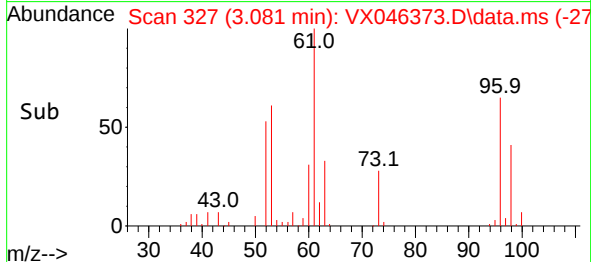
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 52204
Ion Ratio Lower Upper
96 100
61 154.1 119.5 179.3
98 62.9 50.0 75.0

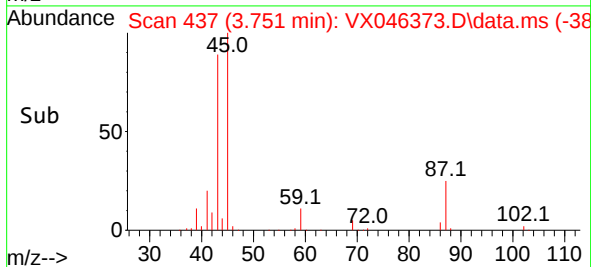
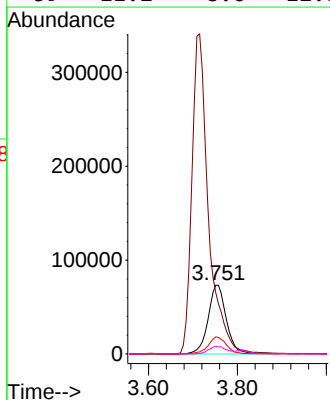
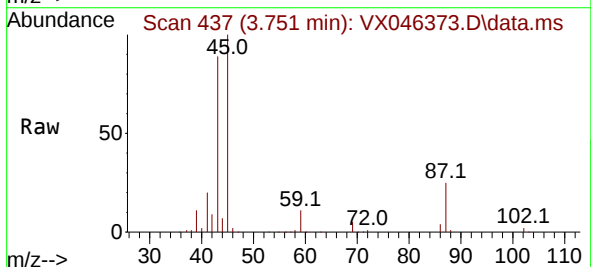
Manual Integrations
APPROVED

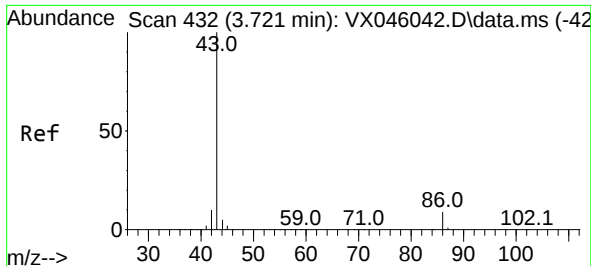
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 52.714 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

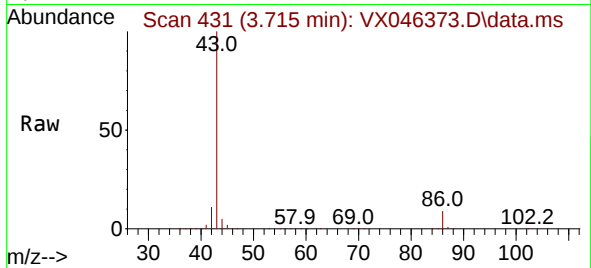
Tgt Ion: 45 Resp: 209387
Ion Ratio Lower Upper
45 100
43 88.5 66.6 100.0
87 24.8 19.8 29.6
59 11.2 8.6 12.8





#23
 Vinyl Acetate
 Concen: 253.517 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX046373.D
 Acq: 28 May 2025 10:02

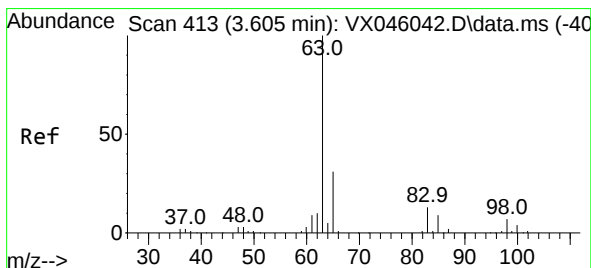
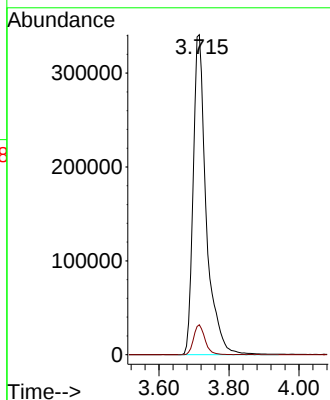
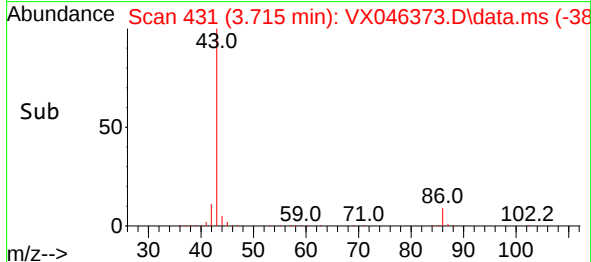
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



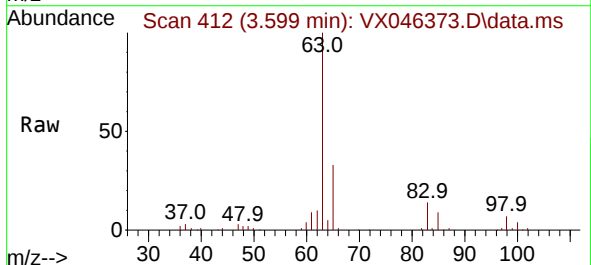
Tgt Ion: 43 Resp: 885689
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

Manual Integrations
 APPROVED

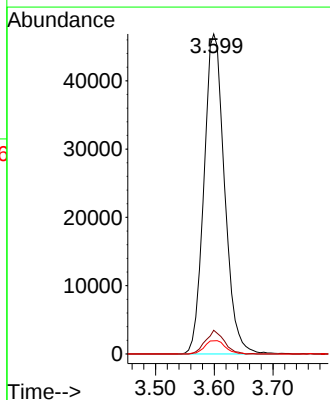
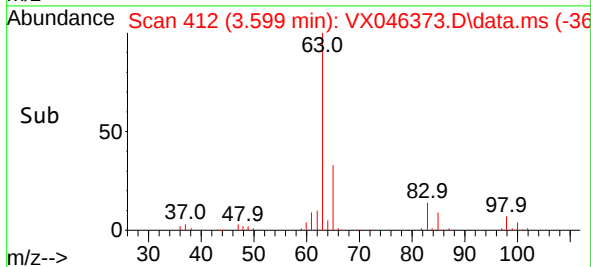
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

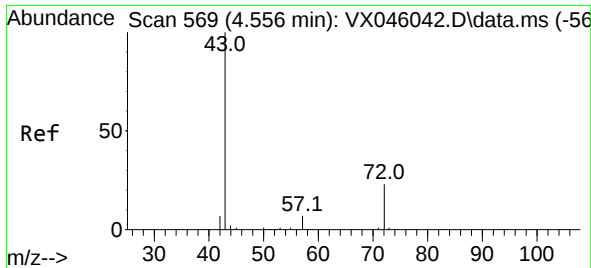


#24
 1,1-Dichloroethane
 Concen: 51.489 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046373.D
 Acq: 28 May 2025 10:02



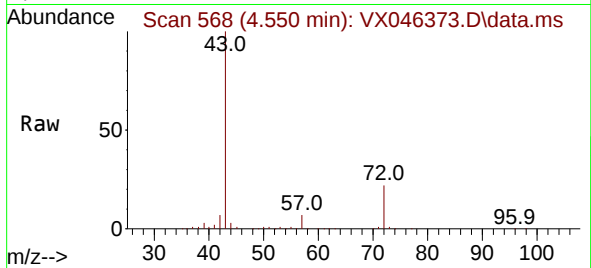
Tgt Ion: 63 Resp: 113914
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.1 2.1 6.3





#25
2-Butanone
Concen: 262.310 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

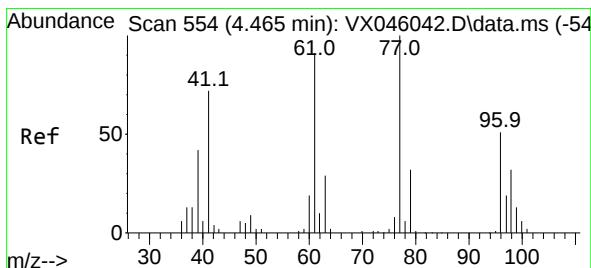
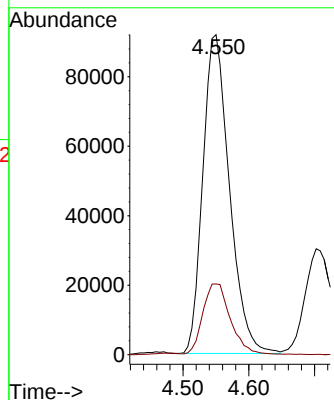
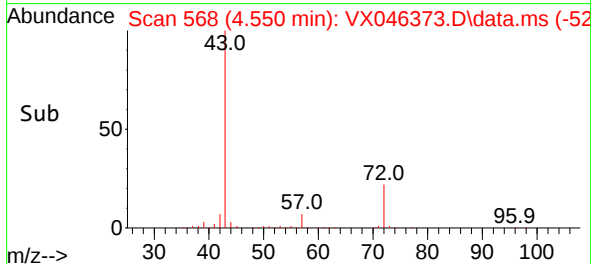
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 25830
Ion Ratio Lower Upper
43 100
72 22.0 18.4 27.6

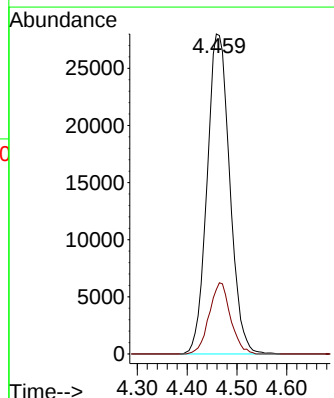
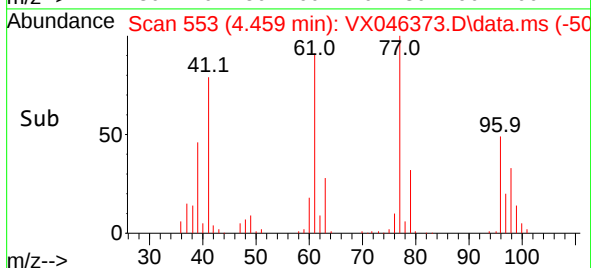
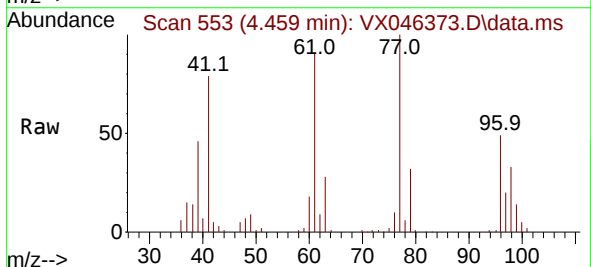
Manual Integrations
APPROVED

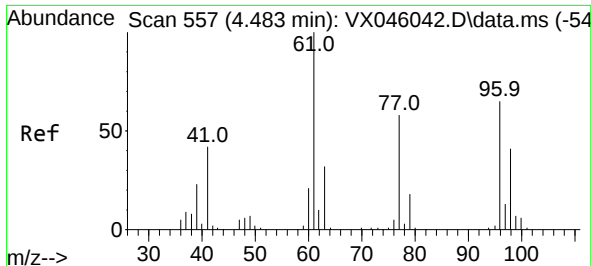
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 51.039 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

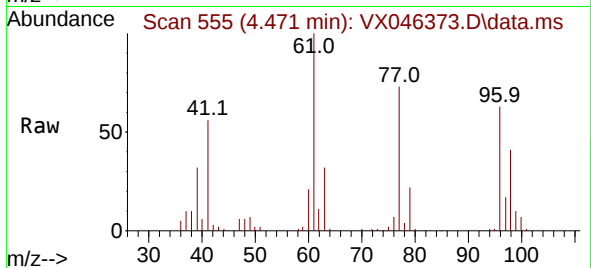
Tgt Ion: 77 Resp: 88382
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.918 ug/l
 RT: 4.471 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VX046373.D
 Acq: 28 May 2025 10:02

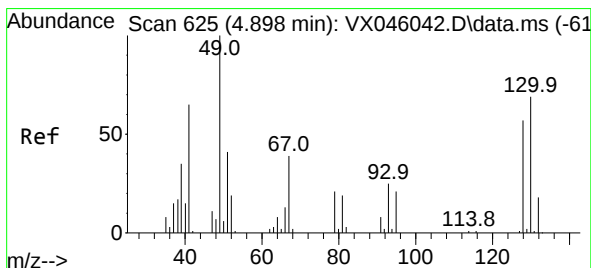
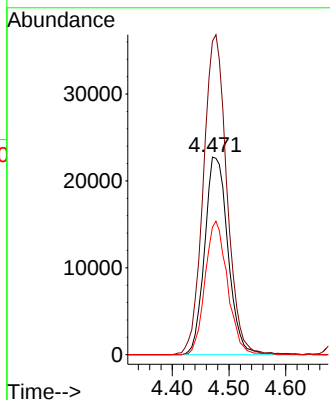
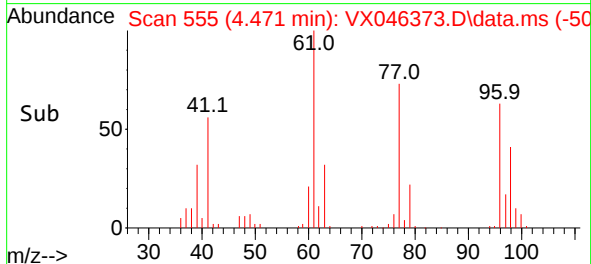
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 6502
 Ion Ratio Lower Upper
 96 100
 61 163.3 0.0 322.8
 98 65.2 0.0 129.0

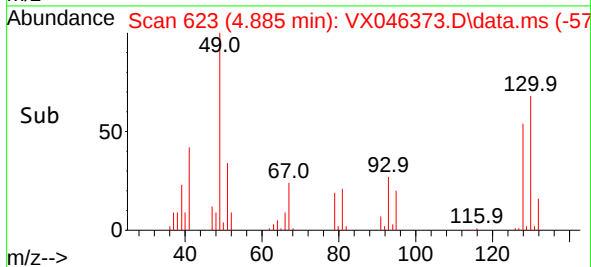
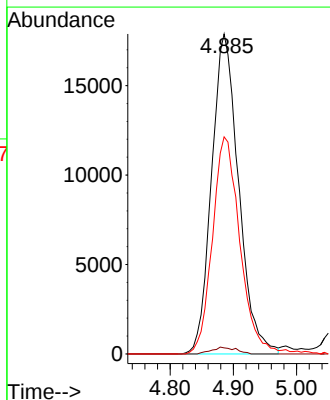
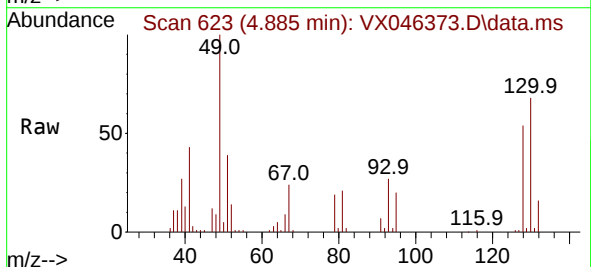
Manual Integrations
 APPROVED

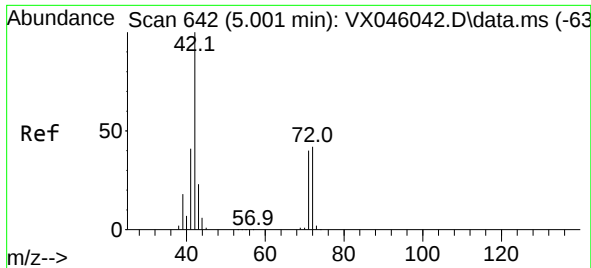
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 49.897 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046373.D
 Acq: 28 May 2025 10:02

Tgt Ion: 49 Resp: 53136
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 69.4 56.2 84.2





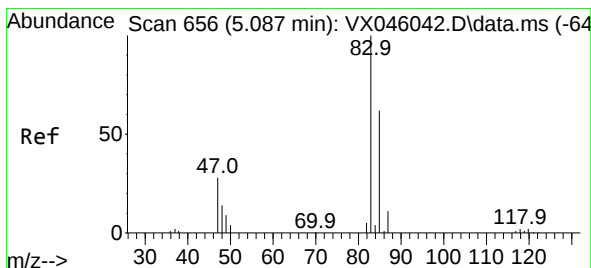
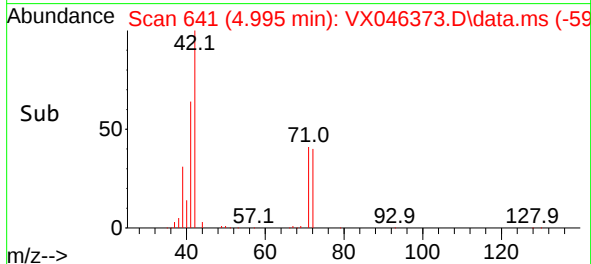
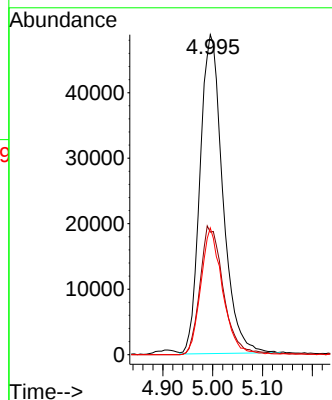
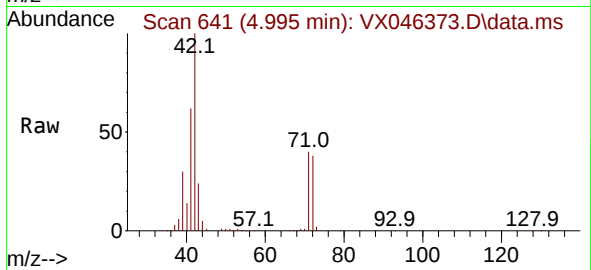
#29
Tetrahydrofuran
Concen: 249.941 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 15422
Ion Ratio Lower Upper
42 100
72 41.4 33.7 50.5
71 38.2 31.4 47.2

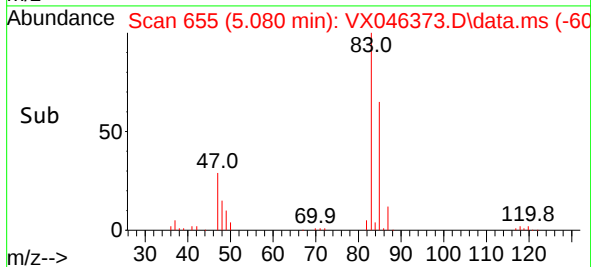
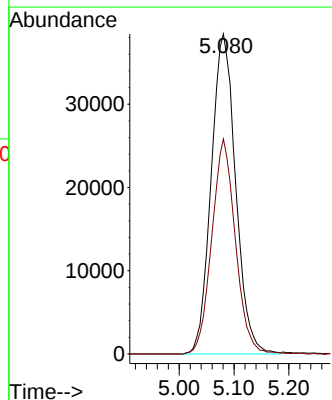
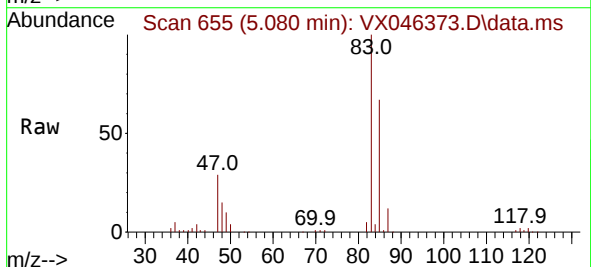
Manual Integrations
APPROVED

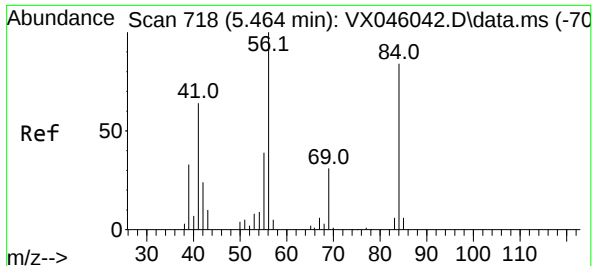
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#30
Chloroform
Concen: 51.666 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

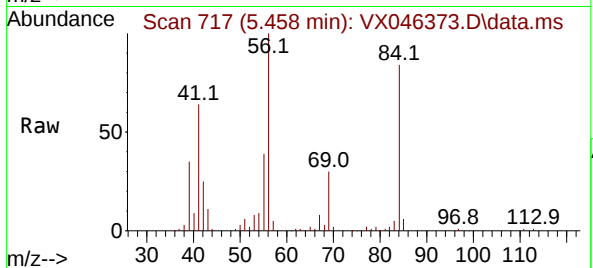
Tgt Ion: 83 Resp: 119140
Ion Ratio Lower Upper
83 100
85 67.2 49.3 73.9





#31
Cyclohexane
Concen: 46.606 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

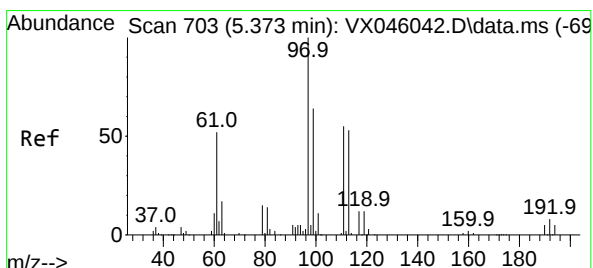
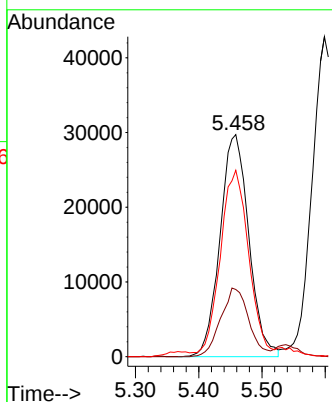
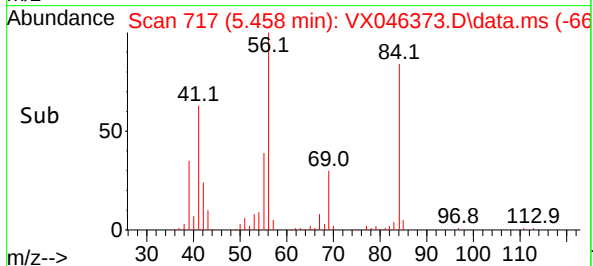
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



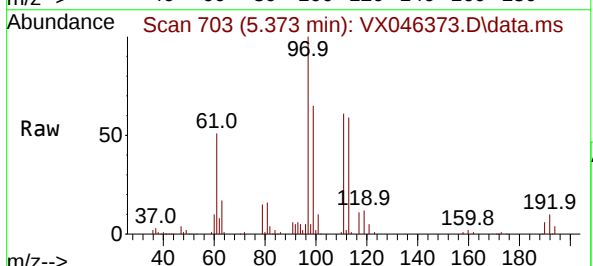
Tgt Ion: 56 Resp: 93960
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 81.6 66.9 100.3

Manual Integrations
APPROVED

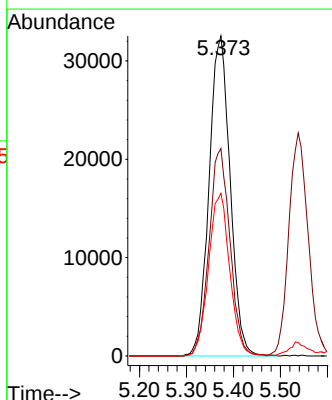
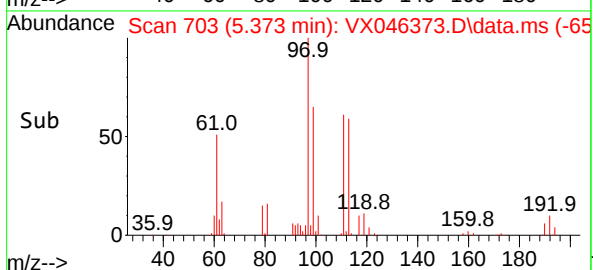
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

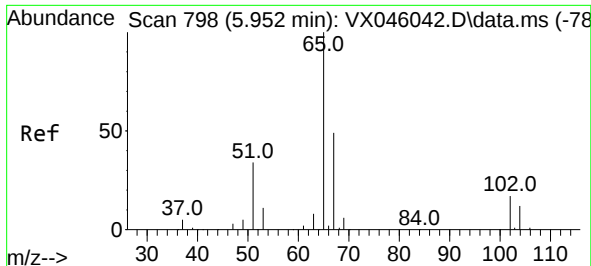


#32
1,1,1-Trichloroethane
Concen: 50.638 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



Tgt Ion: 97 Resp: 101223
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 51.3 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 47.209 ug/l

RT: 5.940 min Scan# 798

Delta R.T. -0.012 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 79862

Ion Ratio Lower Upper

65 100

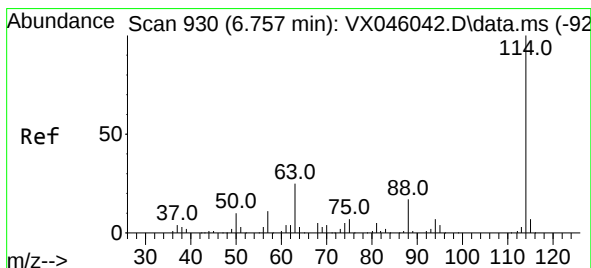
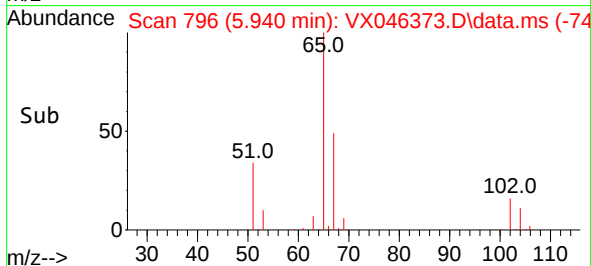
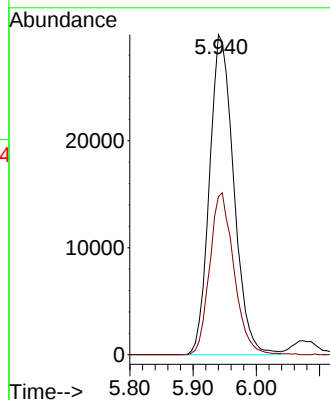
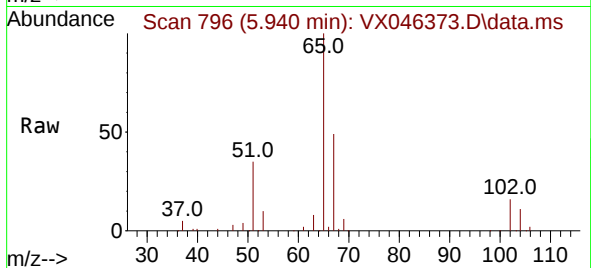
67 50.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

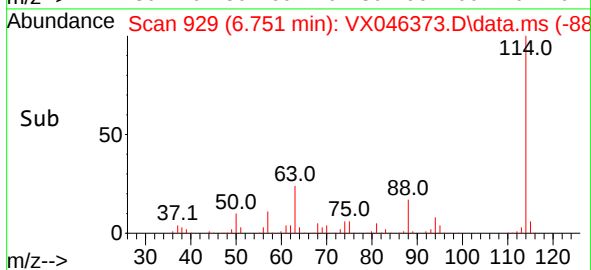
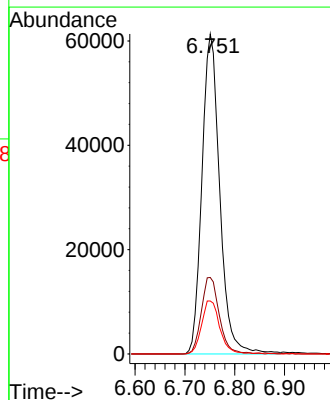
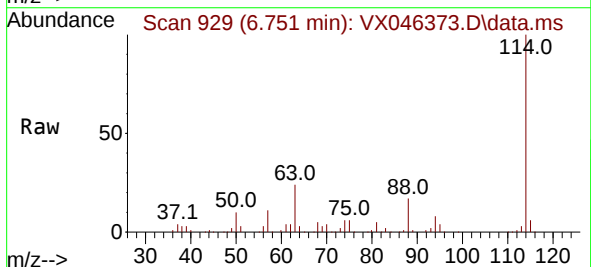
Tgt Ion:114 Resp: 152159

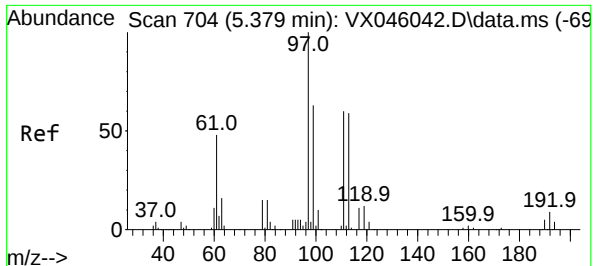
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

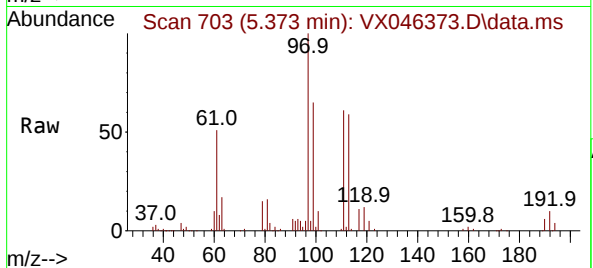
88 16.6 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.662 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

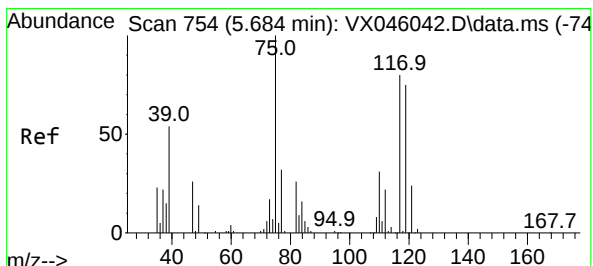
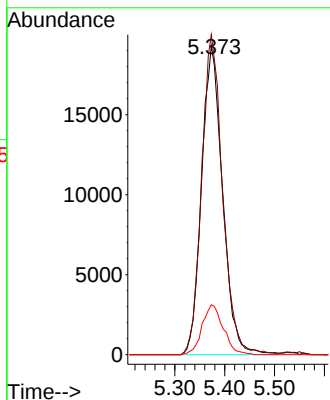
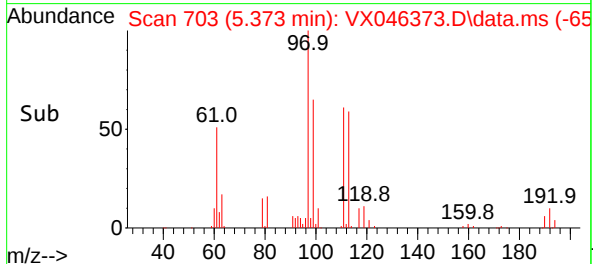
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 5660
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 16.3 13.3 19.9

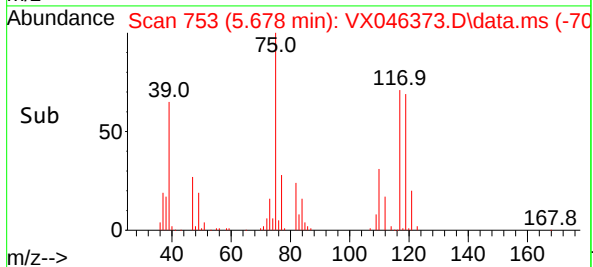
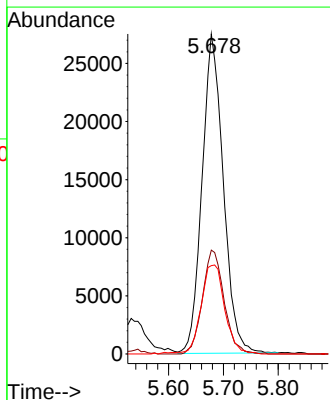
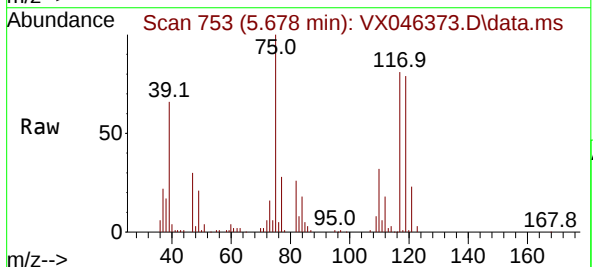
Manual Integrations
APPROVED

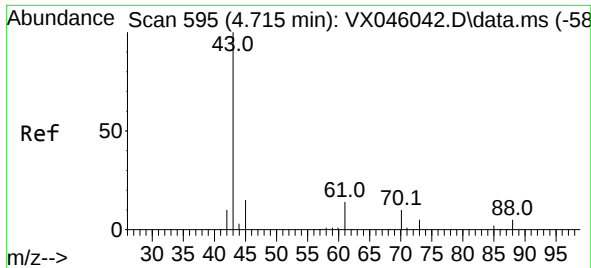
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 50.206 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

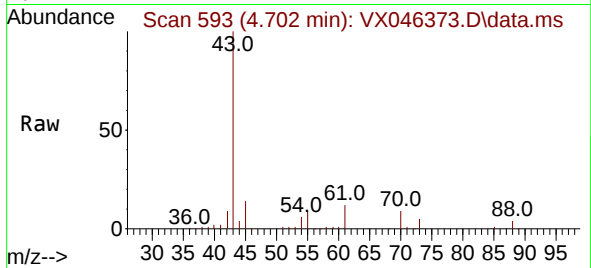
Tgt Ion: 75 Resp: 73913
Ion Ratio Lower Upper
75 100
110 33.1 16.3 48.9
77 31.1 24.3 36.5





#37
Ethyl Acetate
Concen: 49.990 ug/l
RT: 4.702 min Scan# 595
Delta R.T. -0.012 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

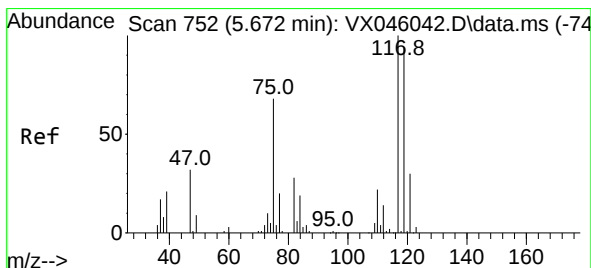
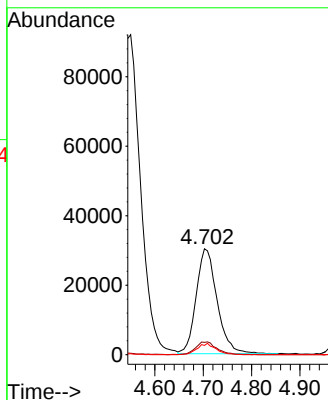
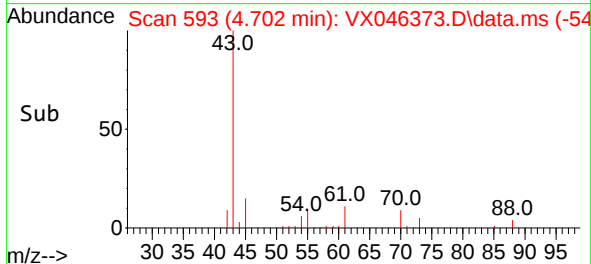
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 90927
Ion Ratio Lower Upper
43 100
61 12.4 10.3 15.5
70 9.5 7.9 11.9

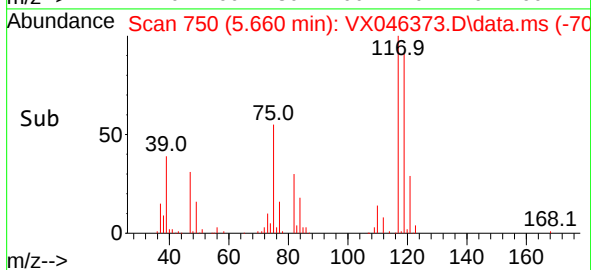
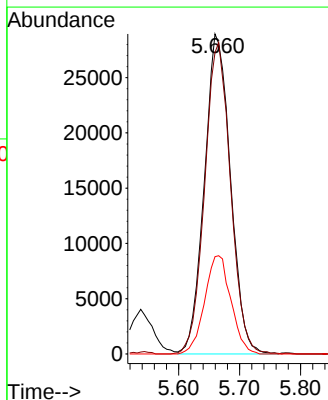
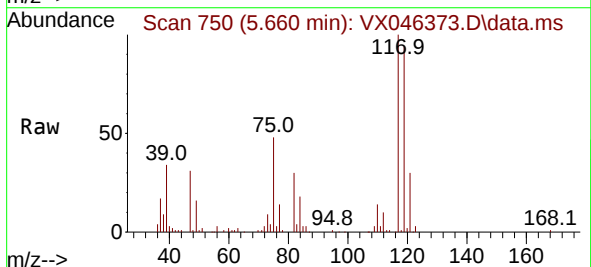
Manual Integrations
APPROVED

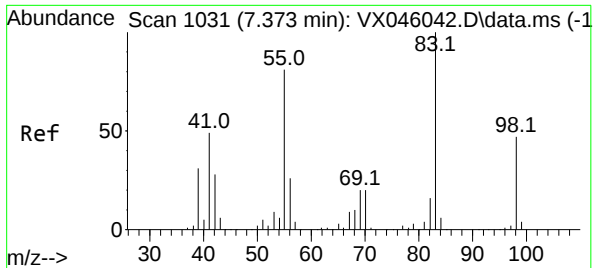
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 52.117 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Tgt Ion:117 Resp: 86209
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 30.4 24.2 36.4





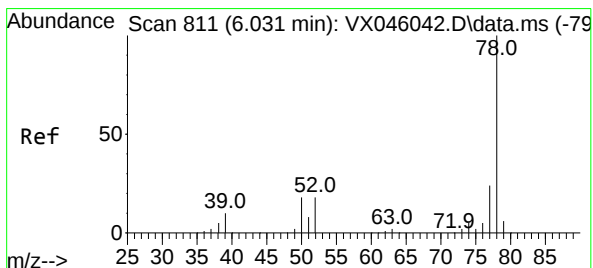
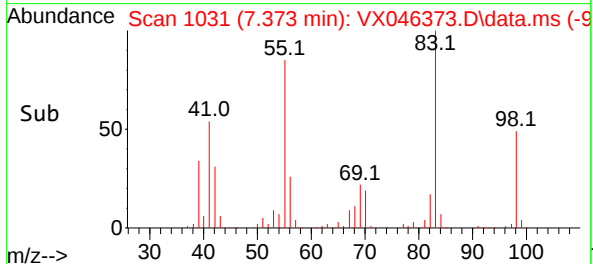
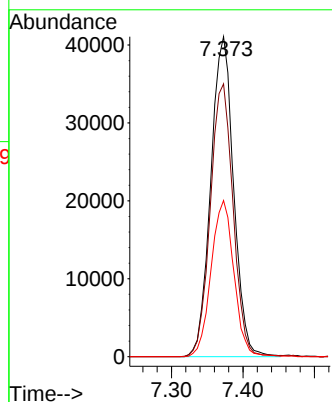
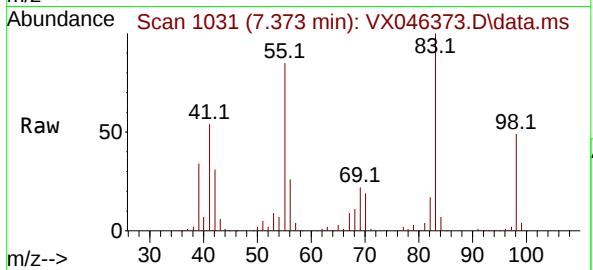
#39
Methylcyclohexane
Concen: 48.091 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 91148
Ion Ratio Lower Upper
83 100
55 85.3 64.7 97.1
98 48.8 37.4 56.2

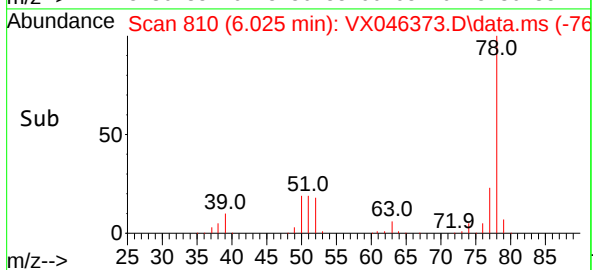
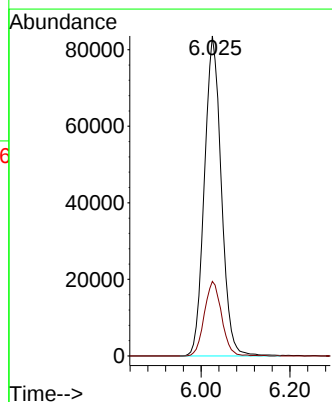
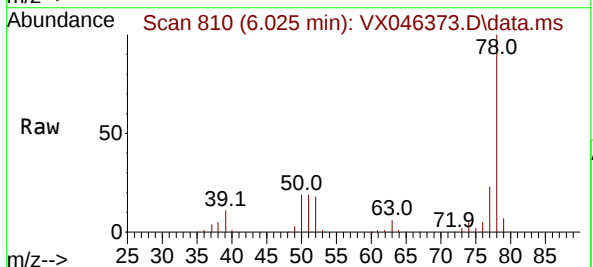
Manual Integrations
APPROVED

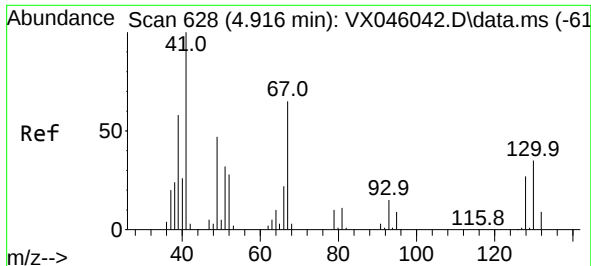
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#40
Benzene
Concen: 51.387 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Tgt Ion: 78 Resp: 221588
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 57.959 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

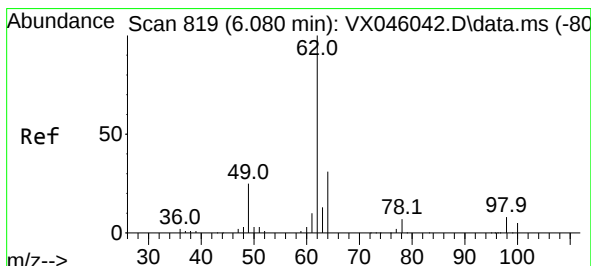
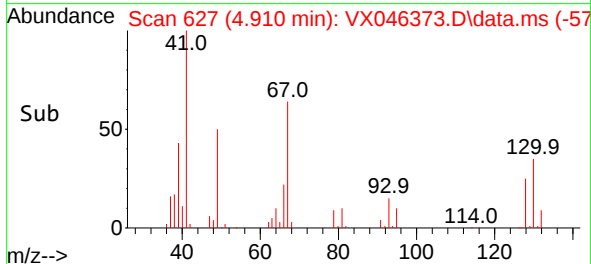
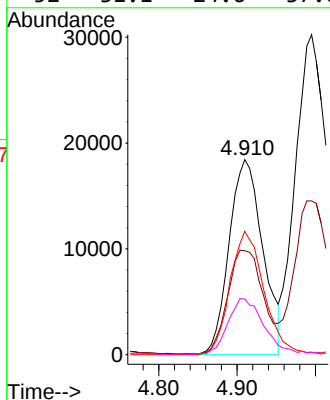
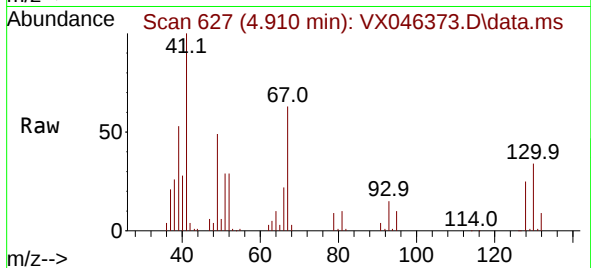
Tgt Ion: 41 Resp: 5514
Ion Ratio Lower Upper
41 100
39 54.6 47.2 70.8
67 64.0 50.7 76.1
52 31.1 24.6 37.0

Manual Integrations

APPROVED

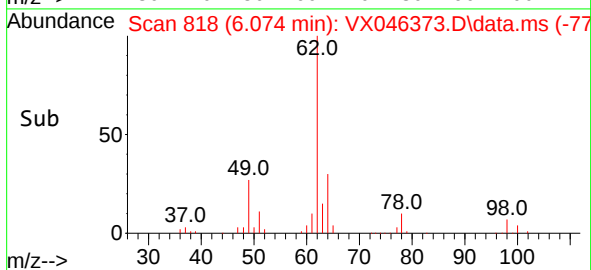
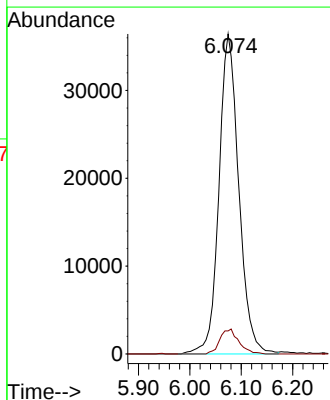
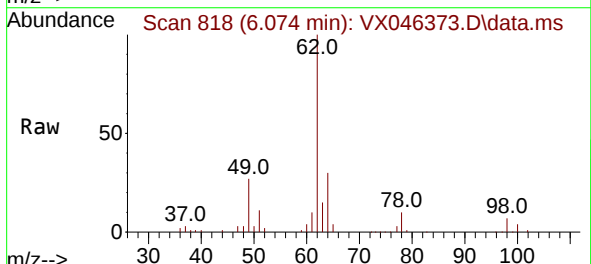
Reviewed By :John Carlone 05/29/2025

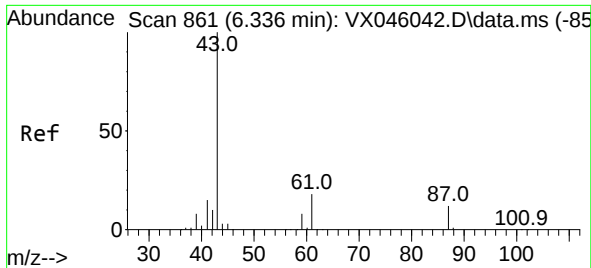
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 52.438 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

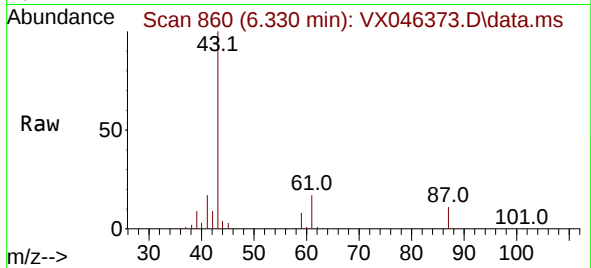
Tgt Ion: 62 Resp: 97593
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 53.299 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

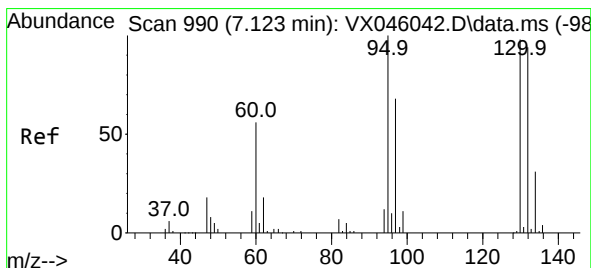
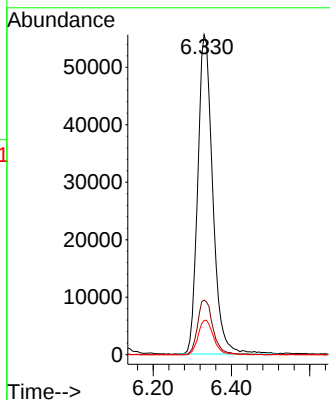
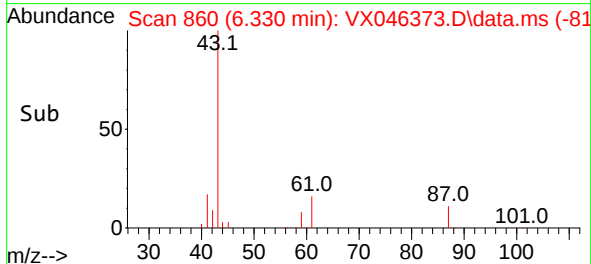
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 147895
Ion Ratio Lower Upper
43 100
61 17.5 14.3 21.5
87 11.0 9.5 14.3

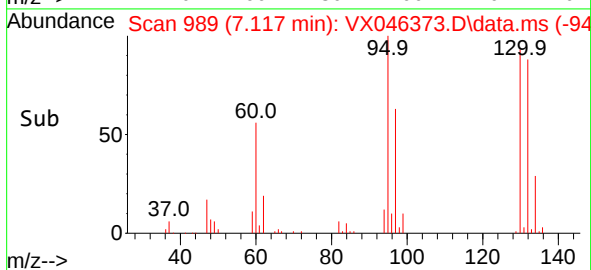
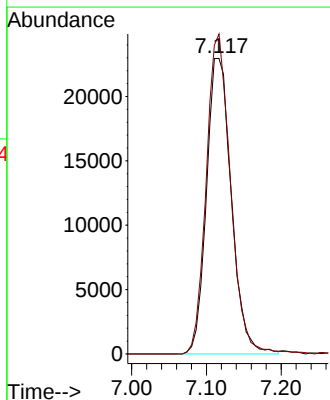
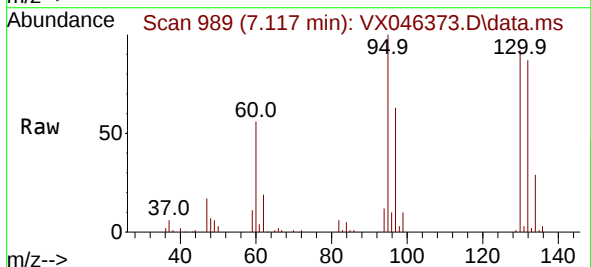
Manual Integrations
APPROVED

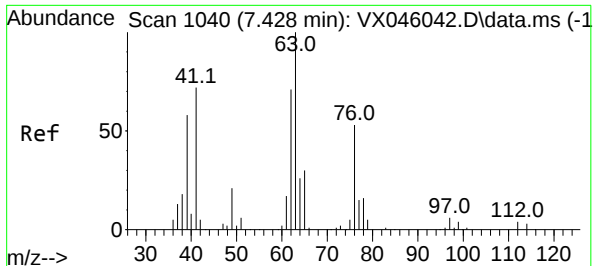
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 51.325 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Tgt Ion:130 Resp: 53268
Ion Ratio Lower Upper
130 100
95 108.3 0.0 204.2





#45

1,2-Dichloropropane

Concen: 54.114 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 58024

Ion Ratio Lower Upper

63 100

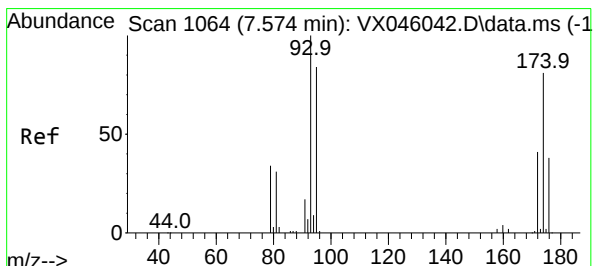
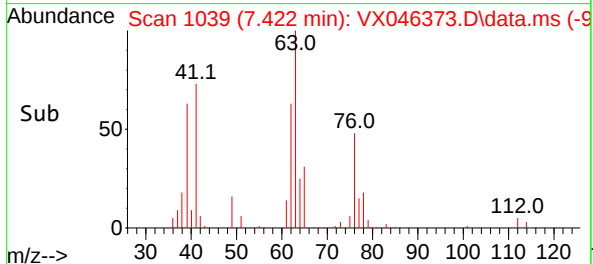
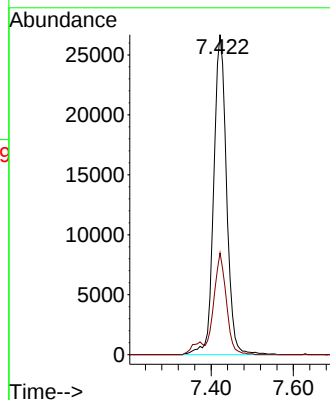
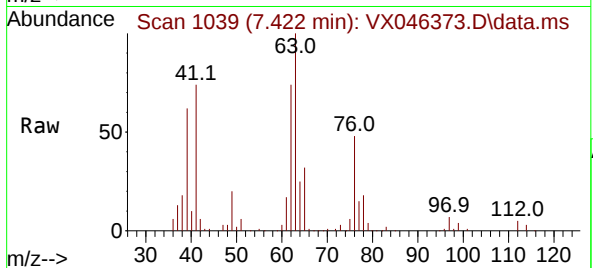
65 31.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 52.570 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

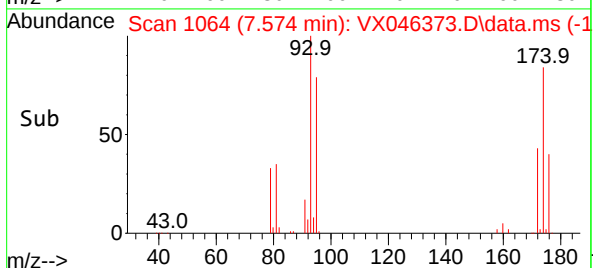
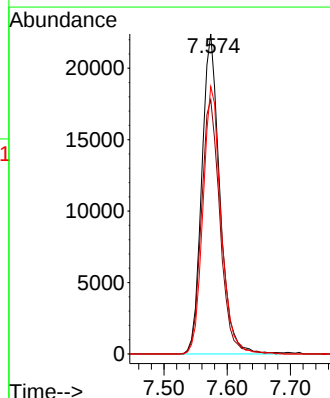
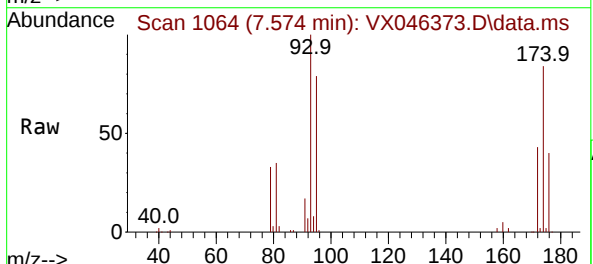
Tgt Ion: 93 Resp: 44458

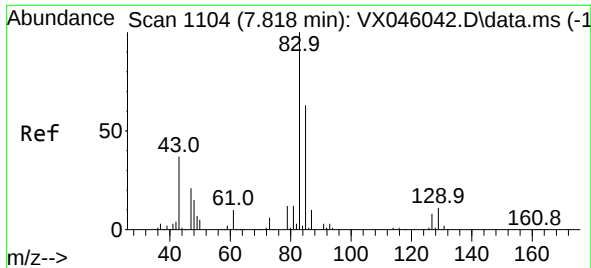
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 83.8 68.2 102.2





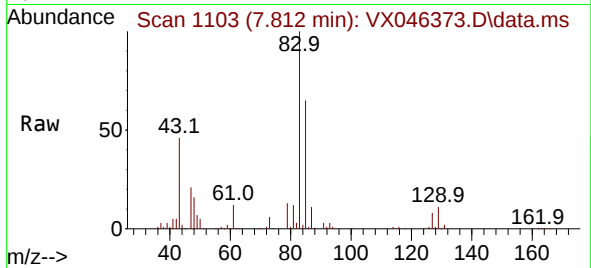
#47
Bromodichloromethane
Concen: 55.682 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



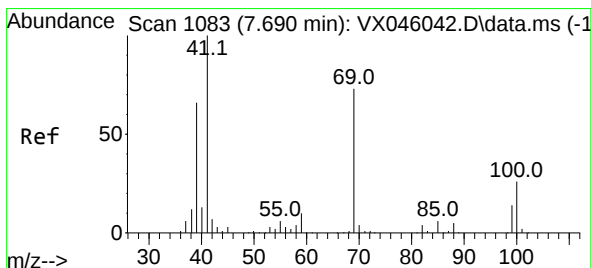
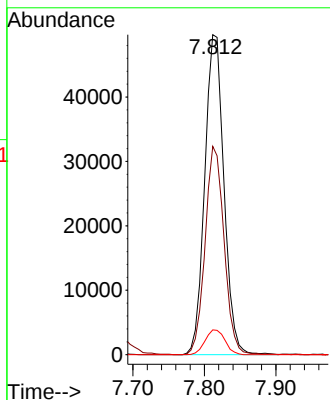
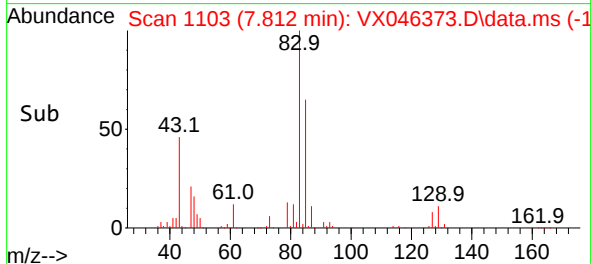
Tgt Ion: 83 Resp: 9274
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 7.7 6.5 9.7

Manual Integrations

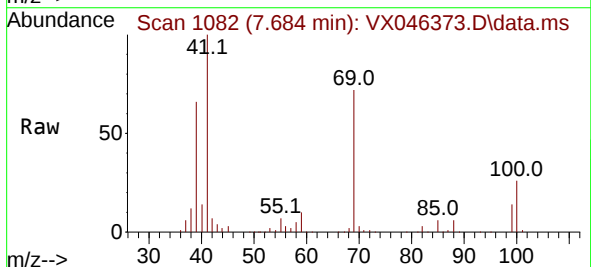
APPROVED

Reviewed By :John Carlone 05/29/2025

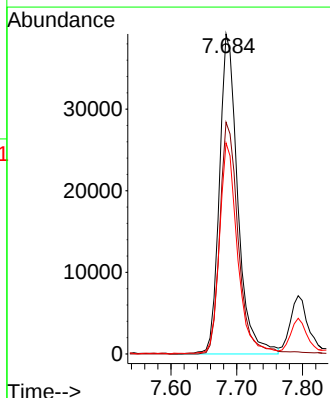
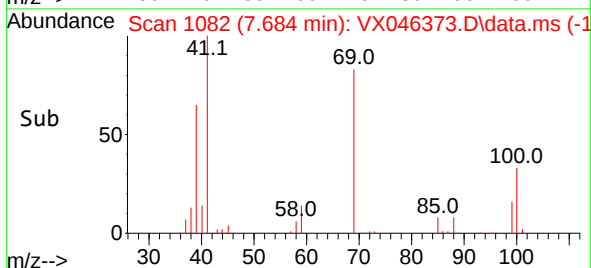
Supervised By :Mahesh Dadoda 05/29/2025

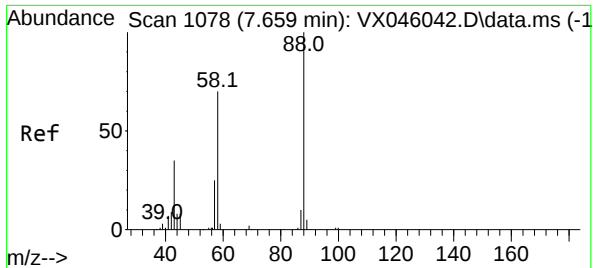


#48
Methyl methacrylate
Concen: 53.649 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



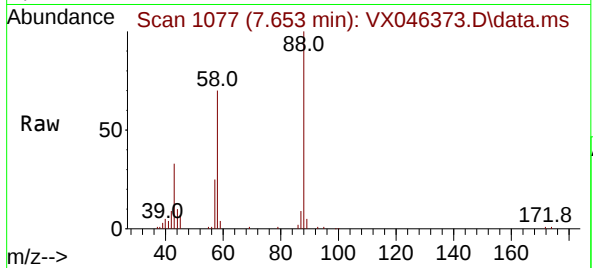
Tgt Ion: 41 Resp: 76027
Ion Ratio Lower Upper
41 100
69 73.5 58.5 87.7
39 64.4 51.7 77.5





#49
1,4-Dioxane
Concen: 995.451 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

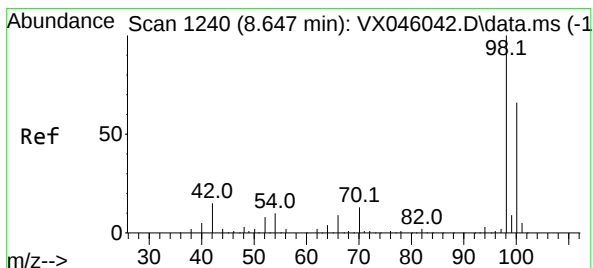
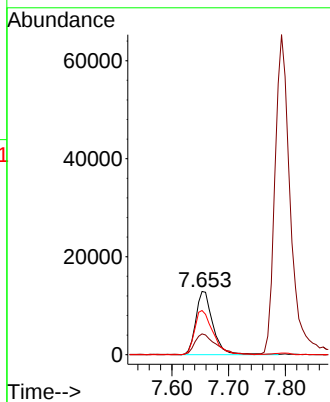
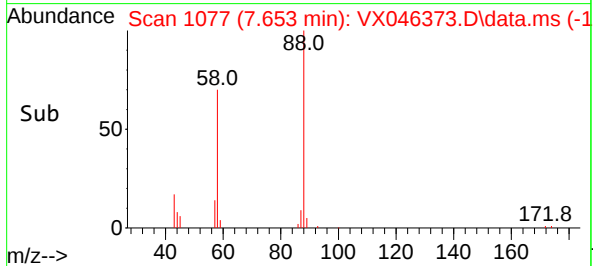
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 26785
Ion Ratio Lower Upper
88 100
43 41.8 33.4 50.2
58 75.1 58.6 88.0

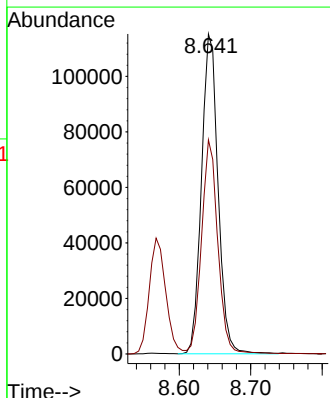
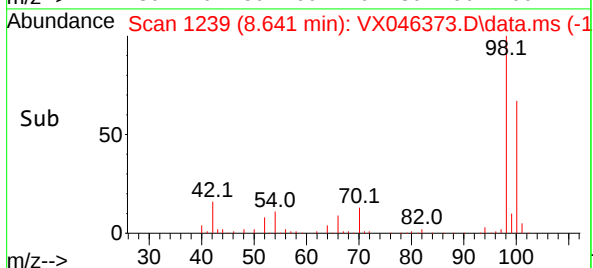
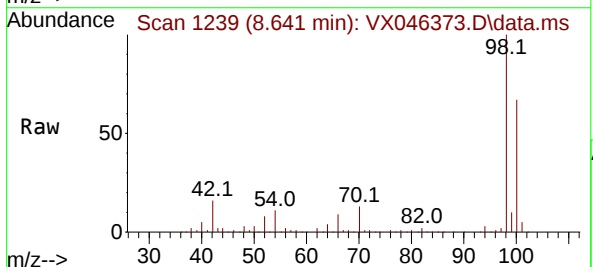
Manual Integrations
APPROVED

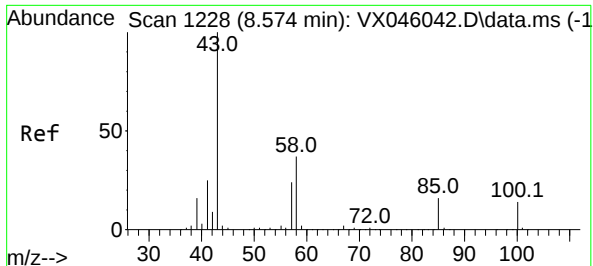
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 48.885 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Tgt Ion: 98 Resp: 185390
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3





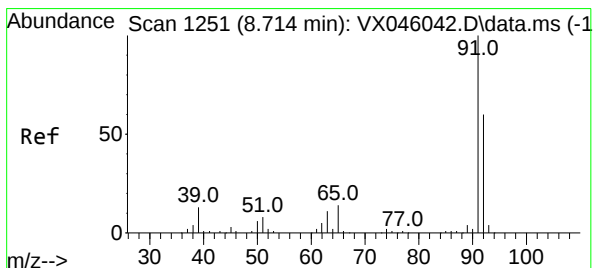
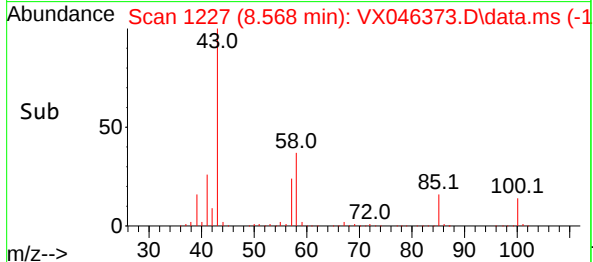
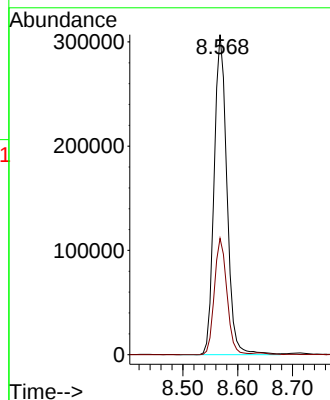
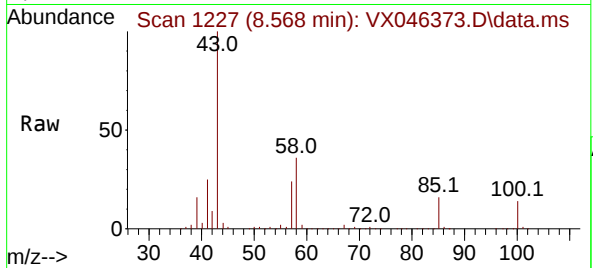
#51
4-Methyl-2-Pentanone
Concen: 268.904 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 49529
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3

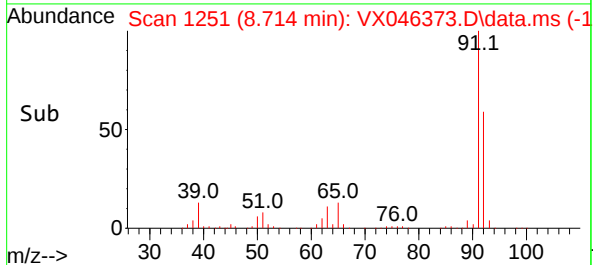
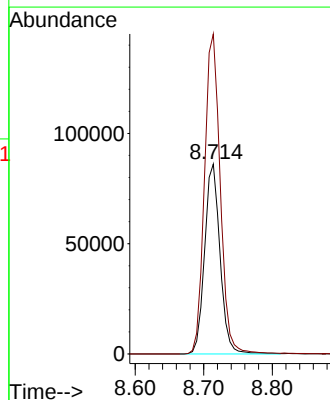
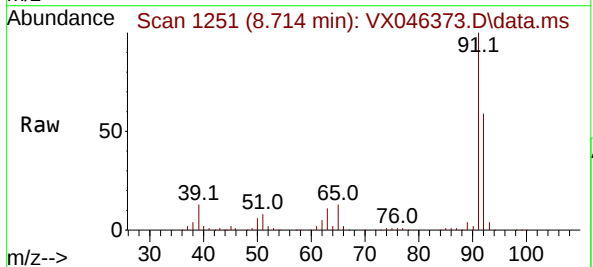
Manual Integrations
APPROVED

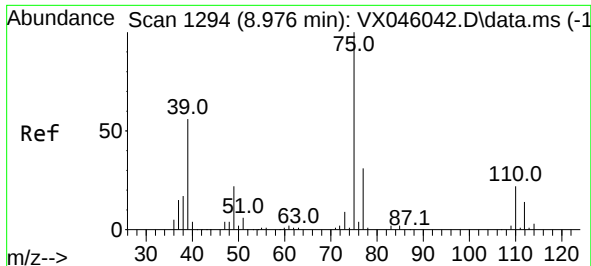
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 51.124 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Tgt Ion: 92 Resp: 135179
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 54.084 ug/l

RT: 8.970 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 80072

Ion Ratio Lower Upper

75 100

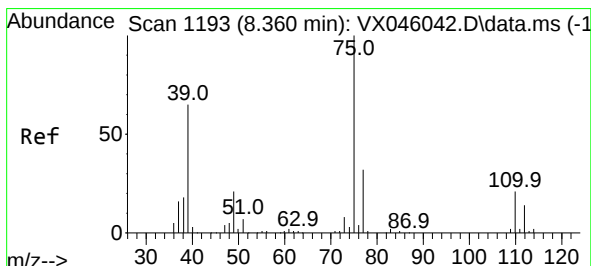
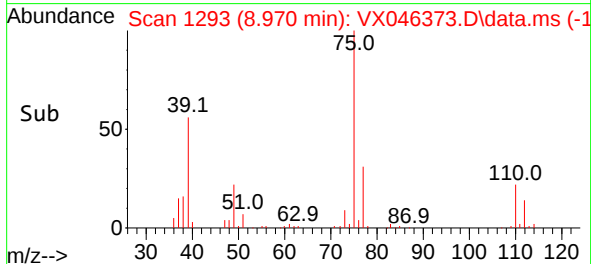
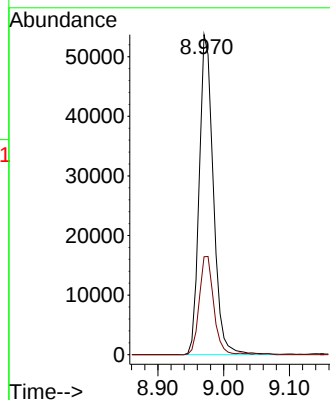
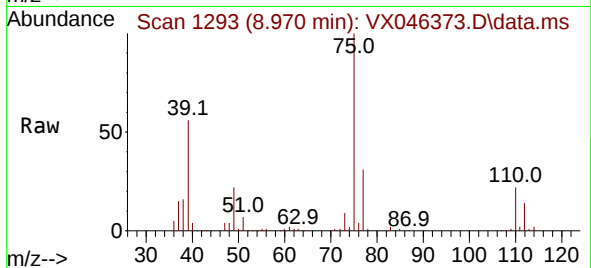
77 30.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#54

cis-1,3-Dichloropropene

Concen: 54.314 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

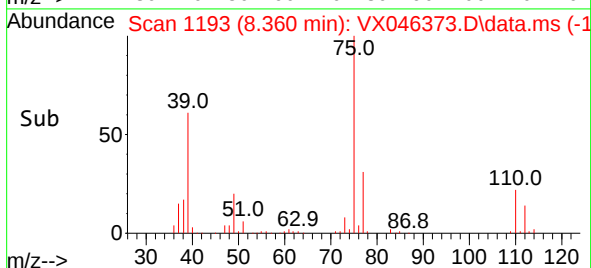
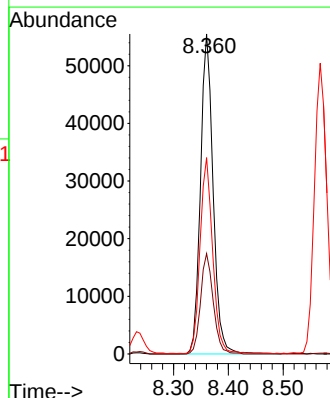
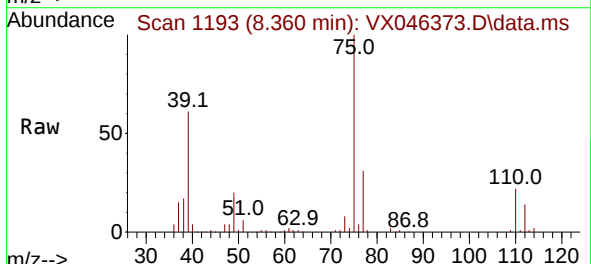
Tgt Ion: 75 Resp: 88877

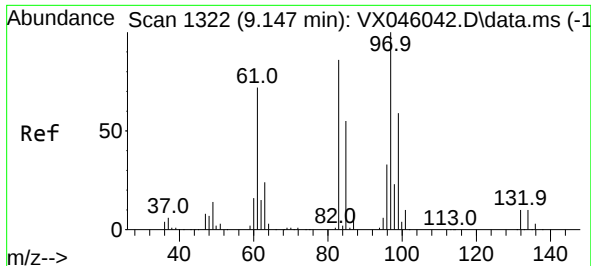
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 61.2 52.2 78.4





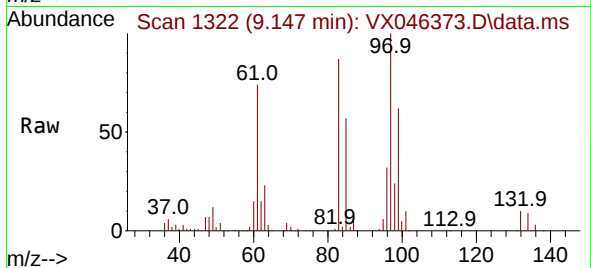
#55
1,1,2-Trichloroethane
Concen: 53.731 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



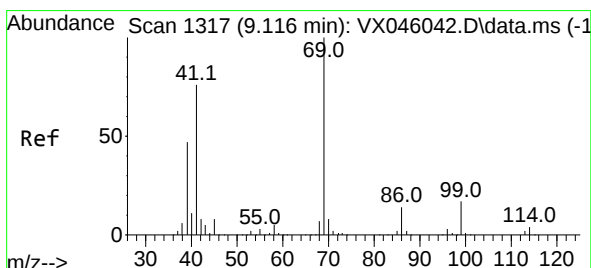
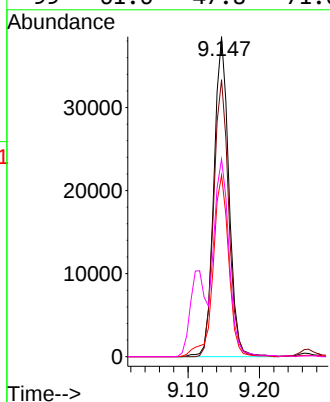
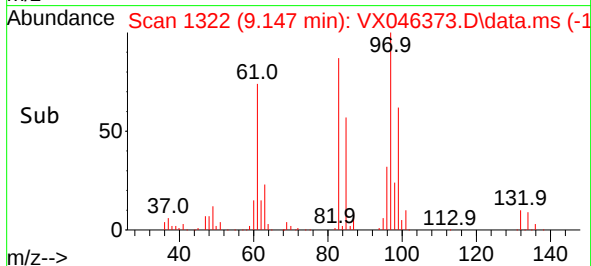
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.0	103.6
85	56.7	44.3	66.5
99	61.6	47.8	71.6

Manual Integrations

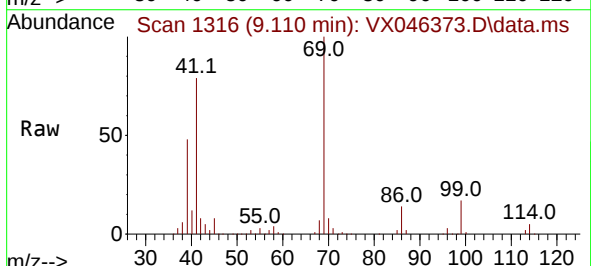
APPROVED

Reviewed By :John Carlone 05/29/2025

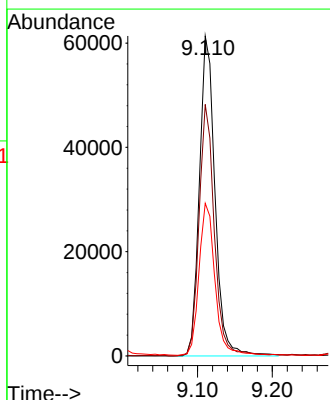
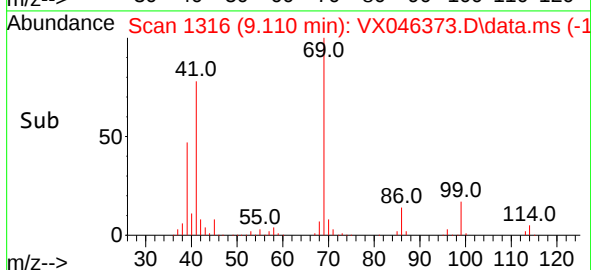
Supervised By :Mahesh Dadoda 05/29/2025

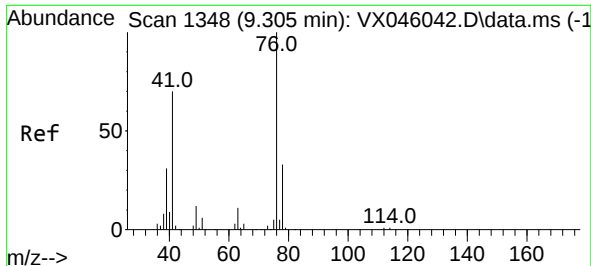


#56
Ethyl methacrylate
Concen: 53.634 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.6	60.8	91.2
39	48.9	39.0	58.6





#57

1,3-Dichloropropane

Concen: 52.021 ug/l

RT: 9.305 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VX046373.D

Acq: 28 May 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 97400

Ion Ratio Lower Upper

76 100

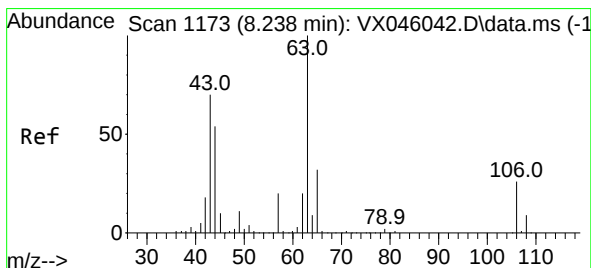
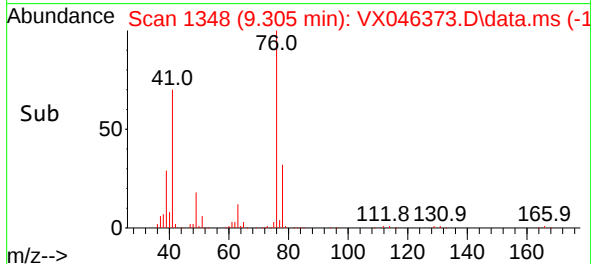
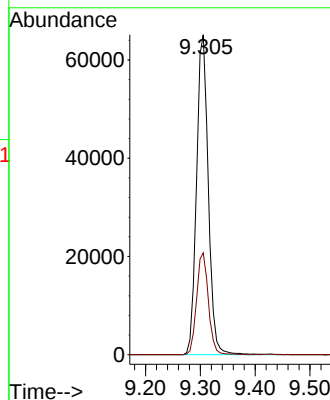
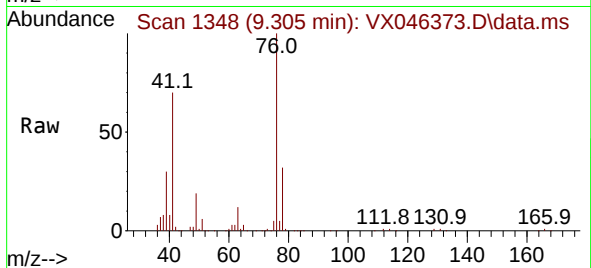
78 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 274.453 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX046373.D

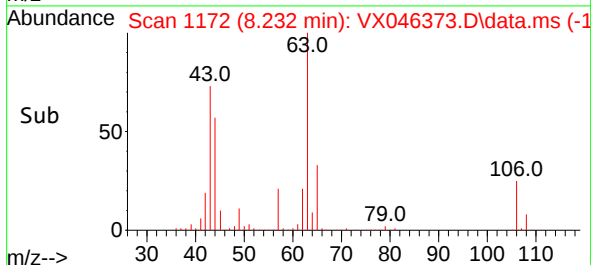
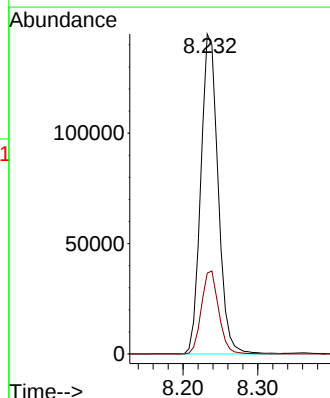
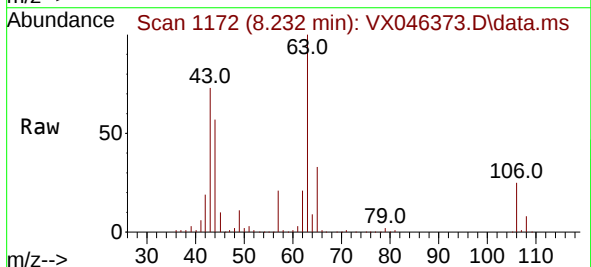
Acq: 28 May 2025 10:02

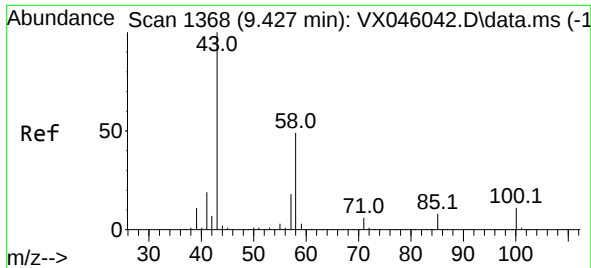
Tgt Ion: 63 Resp: 232503

Ion Ratio Lower Upper

63 100

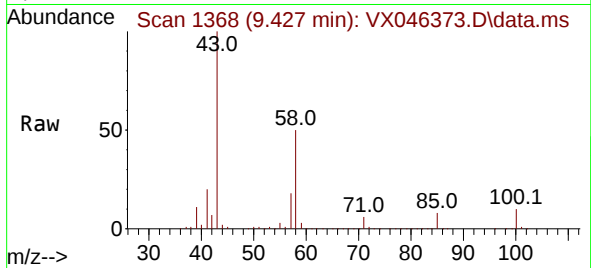
106 25.9 21.5 32.3





#59
2-Hexanone
Concen: 269.863 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

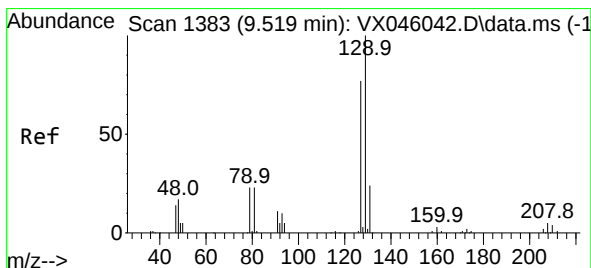
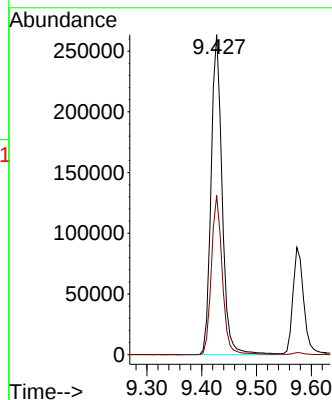
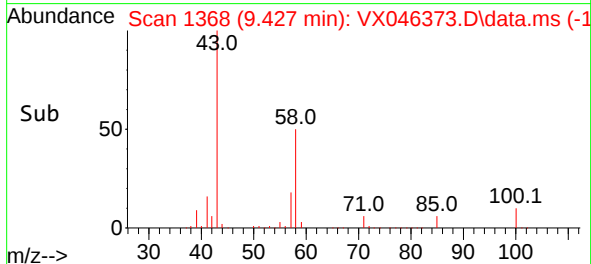
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36774
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6

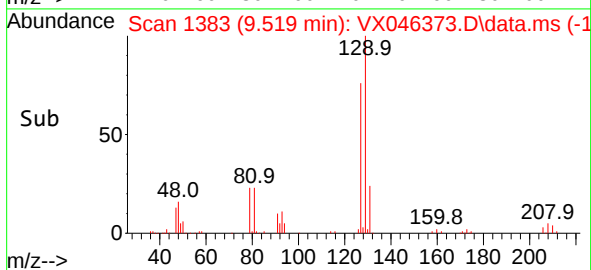
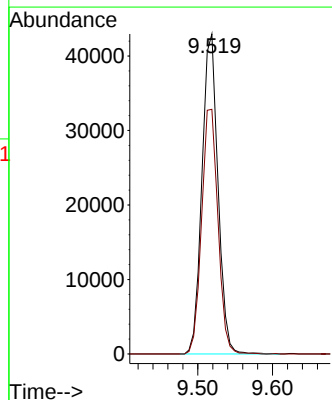
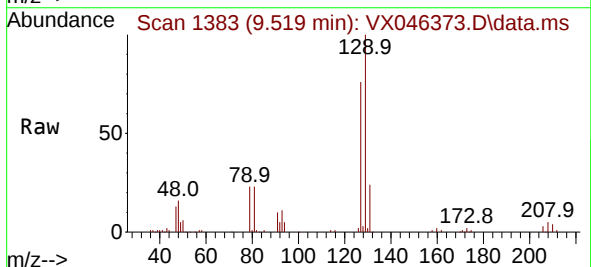
Manual Integrations
APPROVED

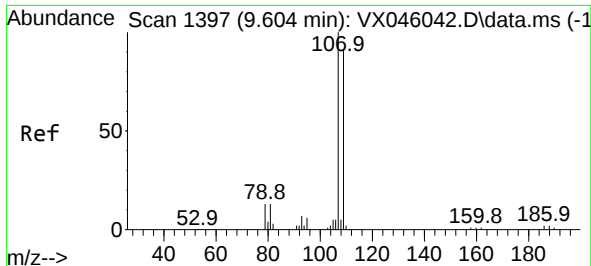
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 55.724 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

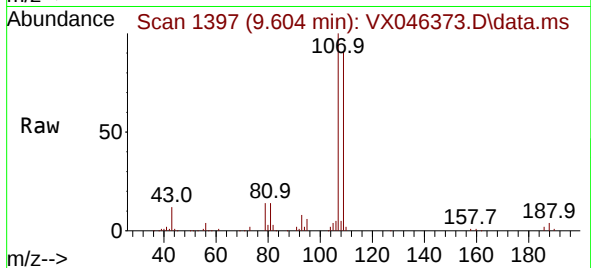
Tgt Ion:129 Resp: 63805
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.8





#61
1,2-Dibromoethane
Concen: 52.333 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

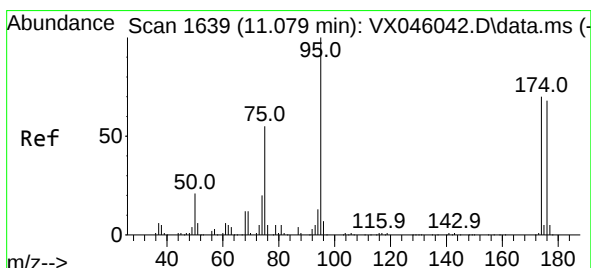
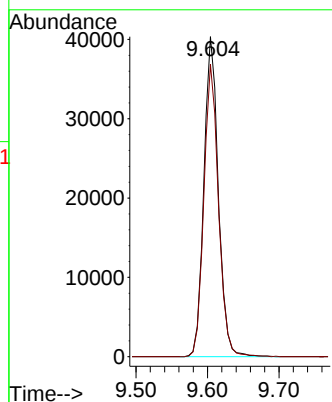
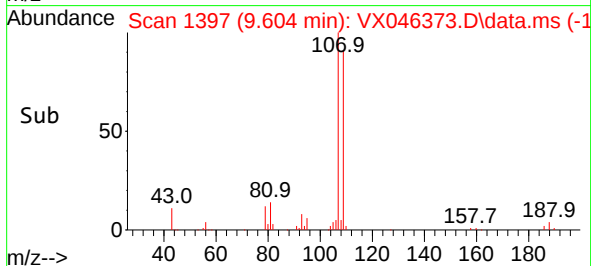
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 56710
Ion Ratio Lower Upper
107 100
109 92.4 73.3 109.9

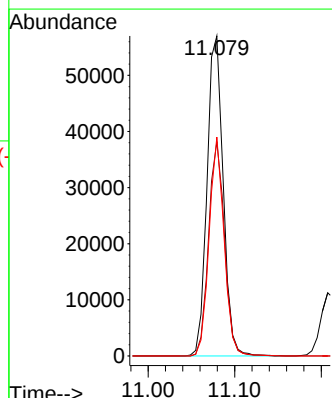
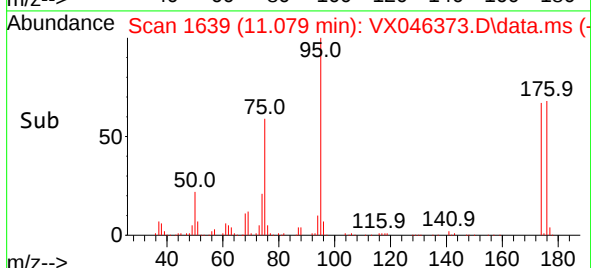
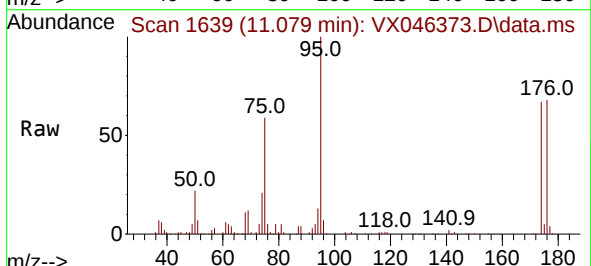
Manual Integrations
APPROVED

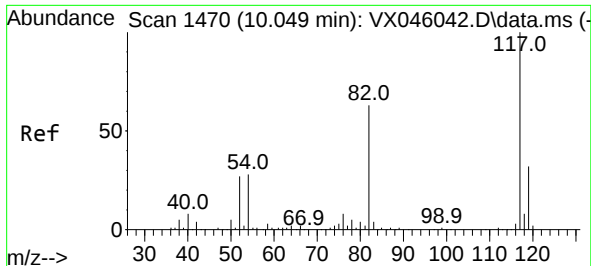
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 50.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

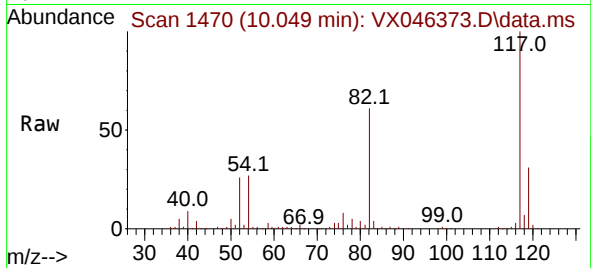
Tgt Ion: 95 Resp: 73654
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 63.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

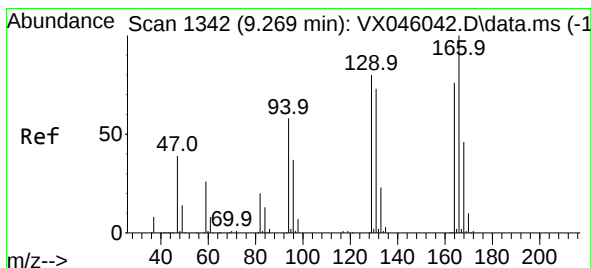
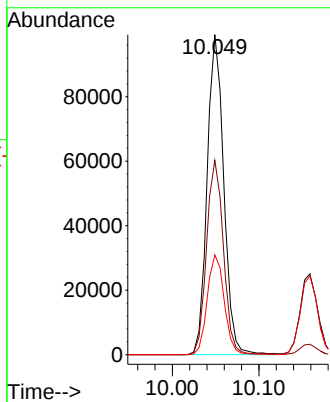
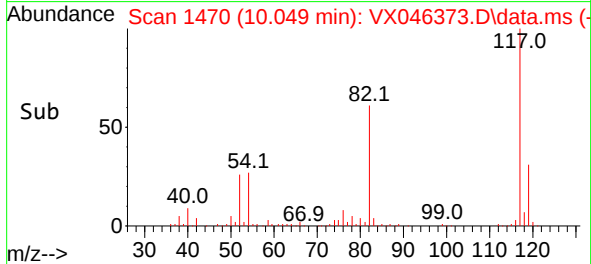
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 132419
Ion Ratio Lower Upper
117 100
82 60.7 50.6 76.0
119 31.2 25.8 38.6

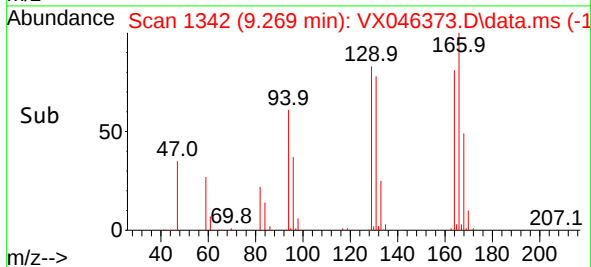
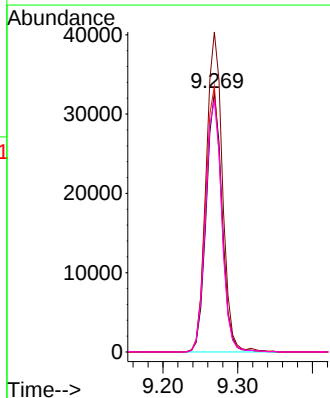
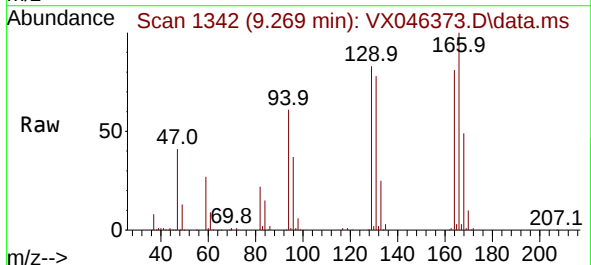
Manual Integrations
APPROVED

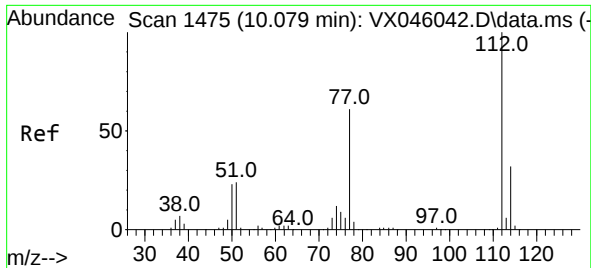
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 51.504 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

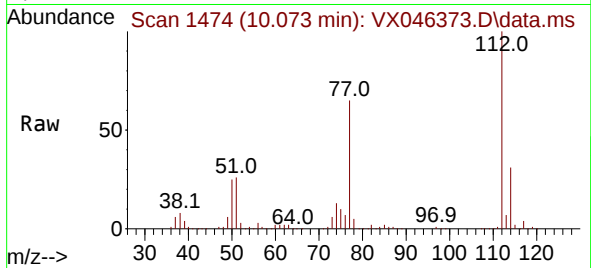
Tgt Ion:164 Resp: 48255
Ion Ratio Lower Upper
164 100
166 123.4 105.0 157.6
129 102.5 83.5 125.3
131 96.8 76.5 114.7





#65
Chlorobenzene
Concen: 50.753 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

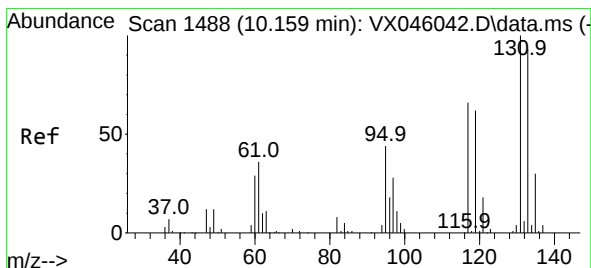
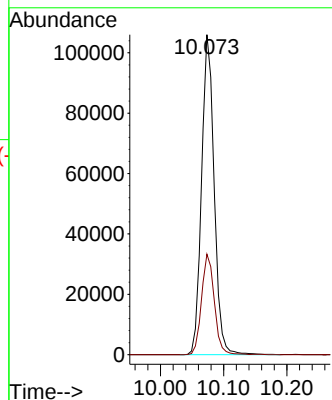
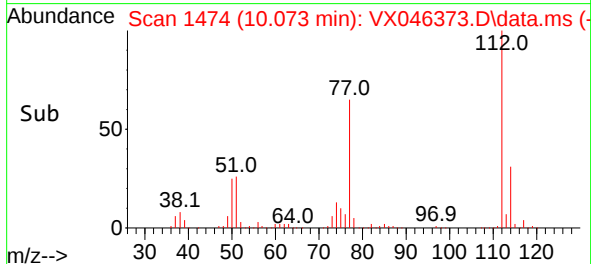
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 147100
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

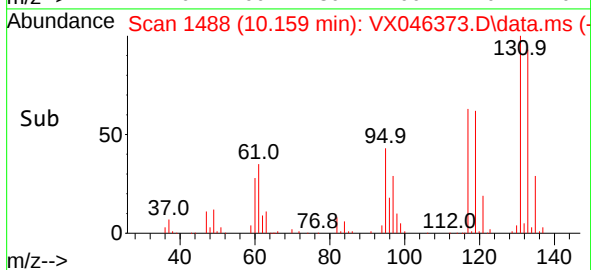
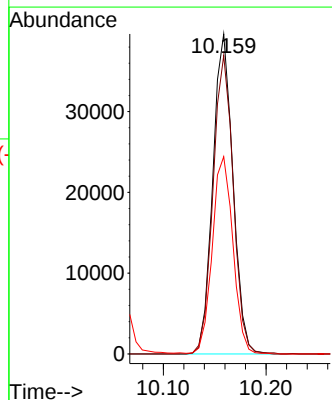
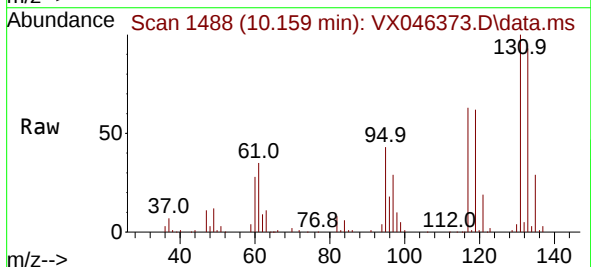
Manual Integrations
APPROVED

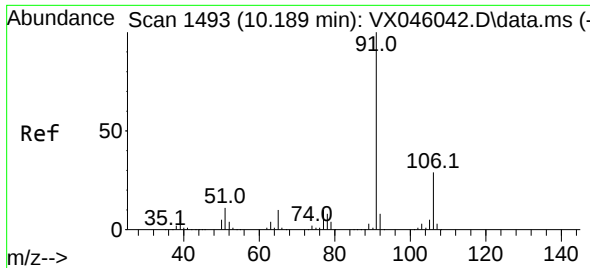
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.275 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

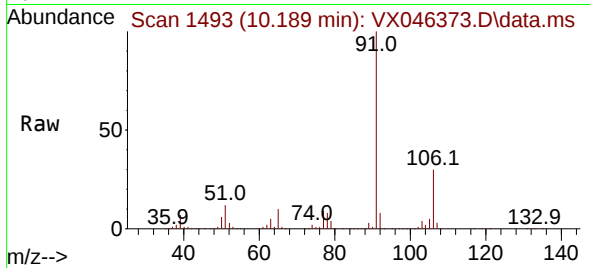
Tgt Ion:131 Resp: 53715
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 52.364 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

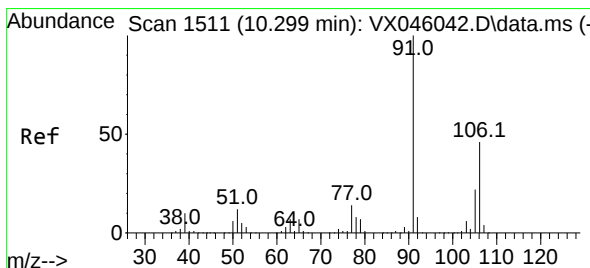
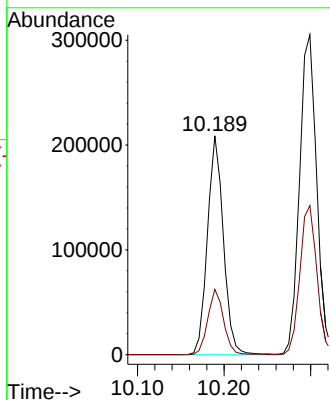
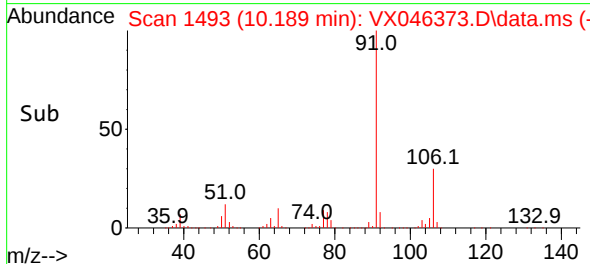
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



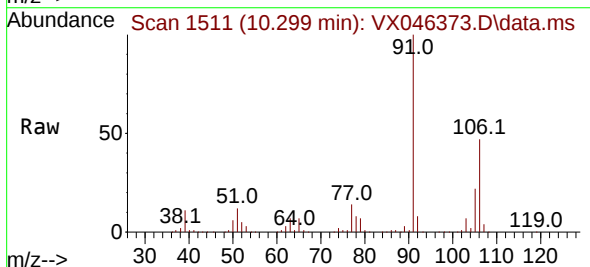
Tgt Ion: 91 Resp: 267524
Ion Ratio Lower Upper
91 100
106 29.8 23.4 35.2

Manual Integrations
APPROVED

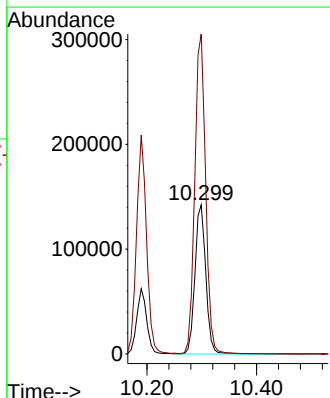
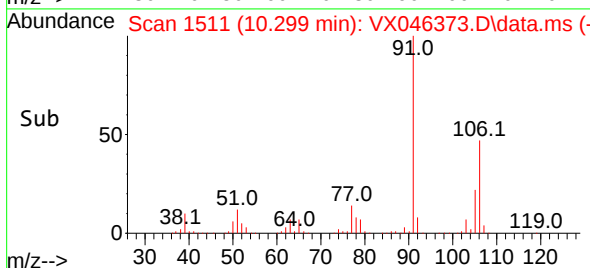
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

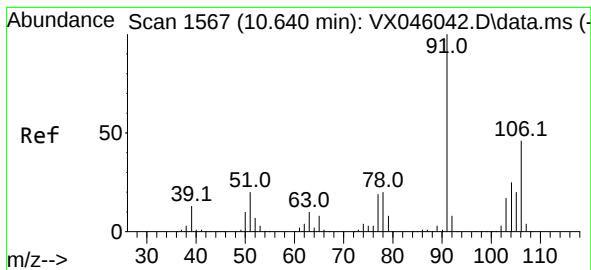


#68
m/p-Xylenes
Concen: 105.000 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



Tgt Ion:106 Resp: 196199
Ion Ratio Lower Upper
106 100
91 215.0 171.2 256.8





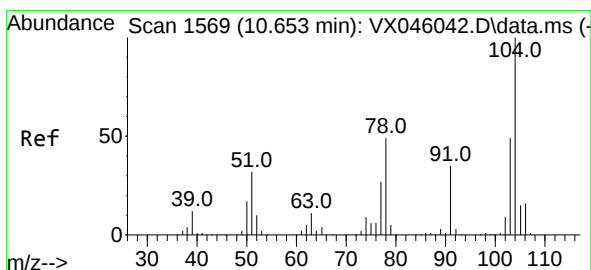
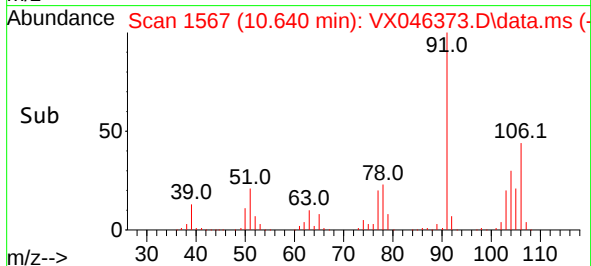
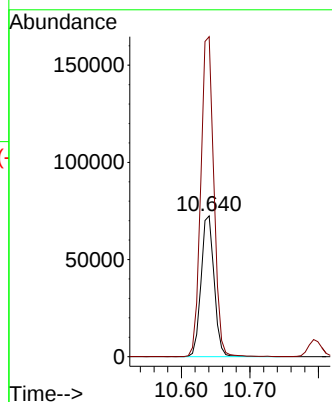
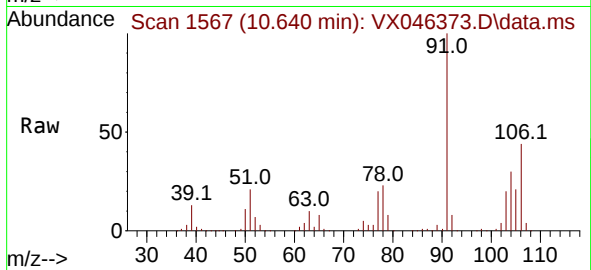
#69
o-Xylene
Concen: 52.904 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9637
Ion Ratio Lower Upper
106 100
91 227.3 112.7 338.1

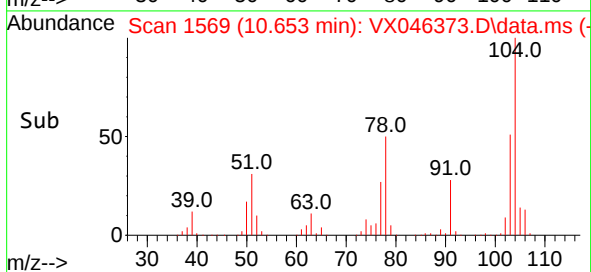
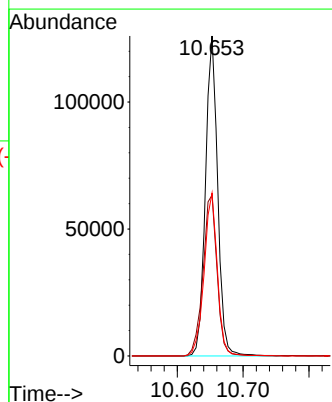
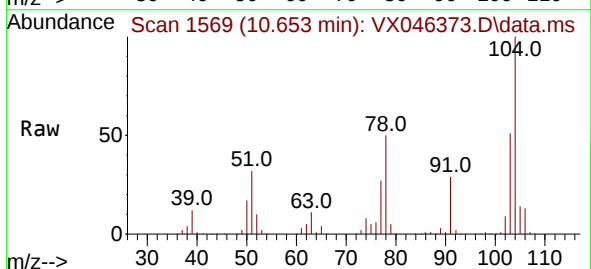
Manual Integrations
APPROVED

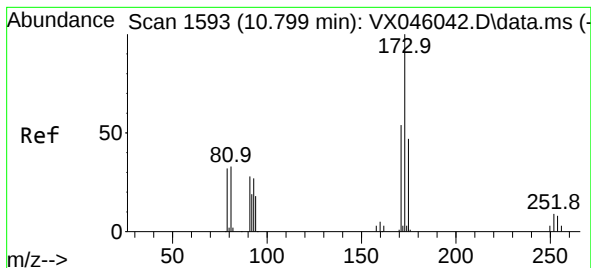
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 54.593 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

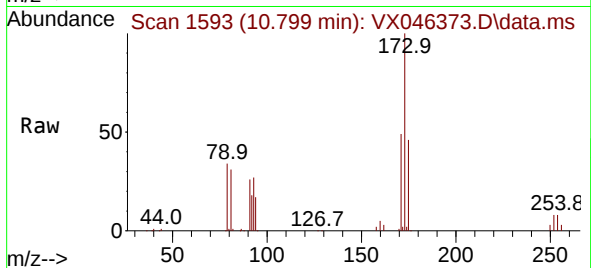
Tgt Ion:104 Resp: 162911
Ion Ratio Lower Upper
104 100
78 58.1 45.7 68.5
103 55.1 43.7 65.5





#71
Bromoform
Concen: 55.159 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

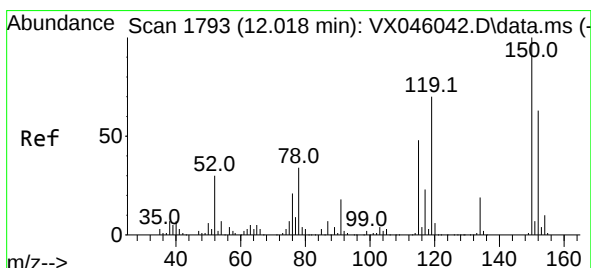
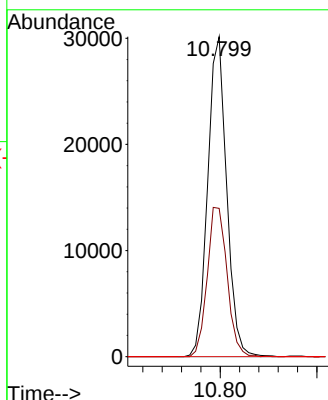
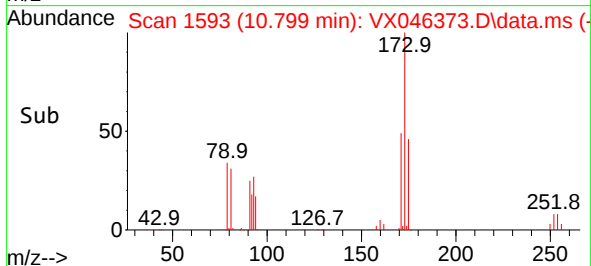
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 40985
Ion Ratio Lower Upper
173 100
175 49.2 23.4 70.0
254 0.0 0.0 0.0

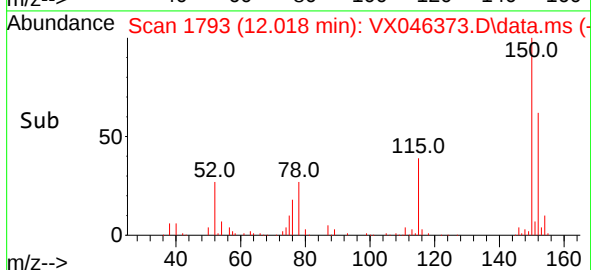
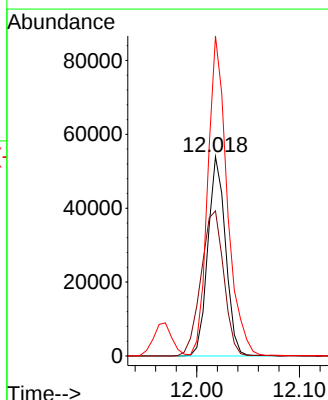
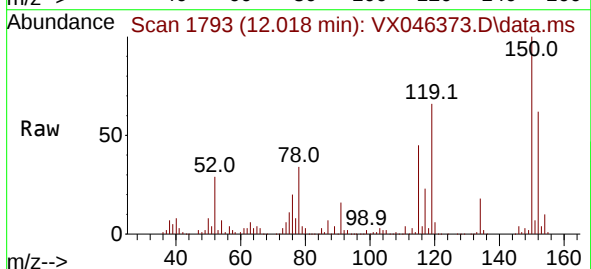
Manual Integrations
APPROVED

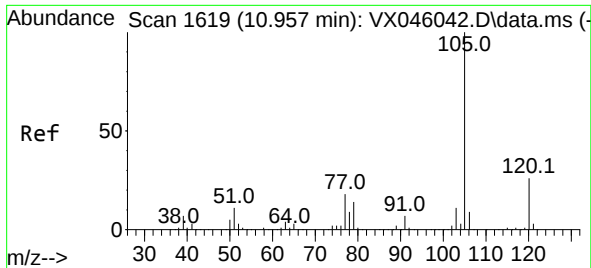
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

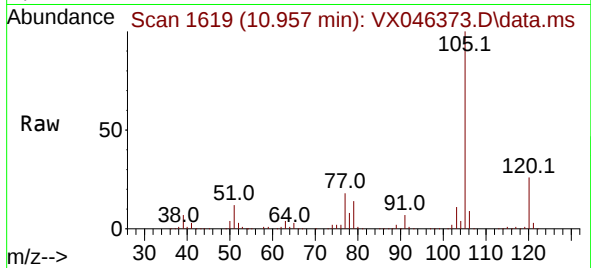
Tgt Ion:152 Resp: 64472
Ion Ratio Lower Upper
152 100
115 93.8 46.9 140.7
150 175.6 0.0 351.0





#73
Isopropylbenzene
Concen: 52.119 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

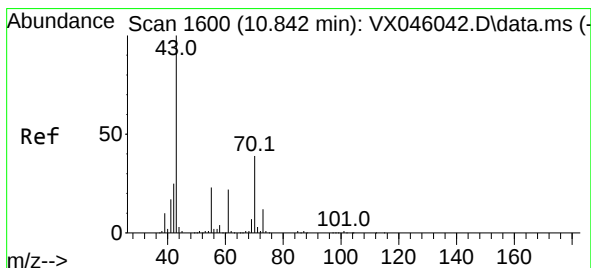
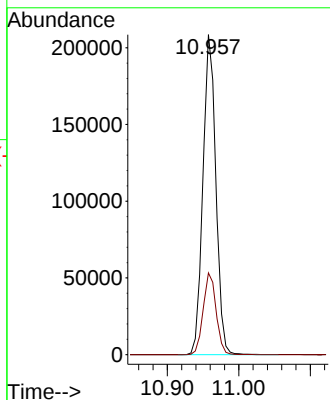
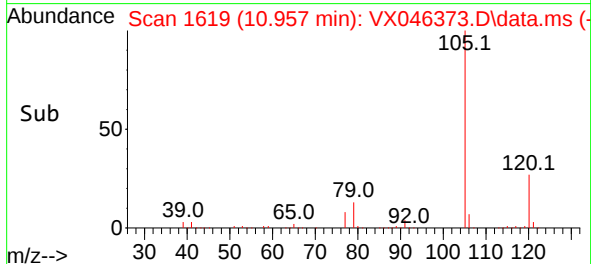
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



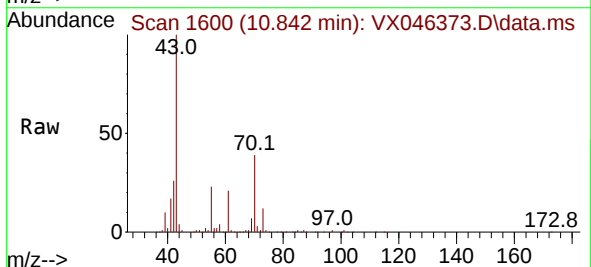
Tgt Ion: 105 Resp: 261602
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

Manual Integrations
APPROVED

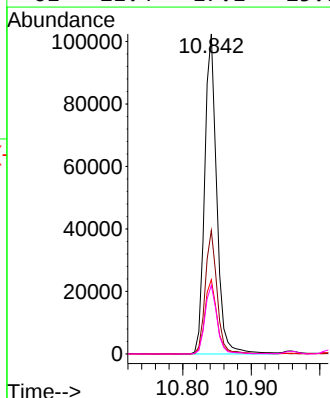
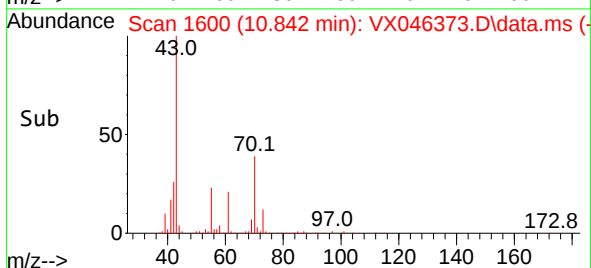
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

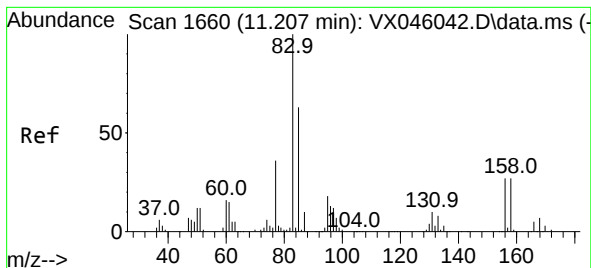


#74
N-ethyl acetate
Concen: 50.781 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



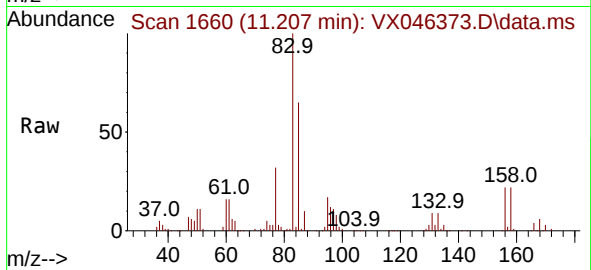
Tgt Ion: 43 Resp: 125952
Ion Ratio Lower Upper
43 100
70 37.4 30.9 46.3
55 23.3 18.7 28.1
61 21.4 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.606 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

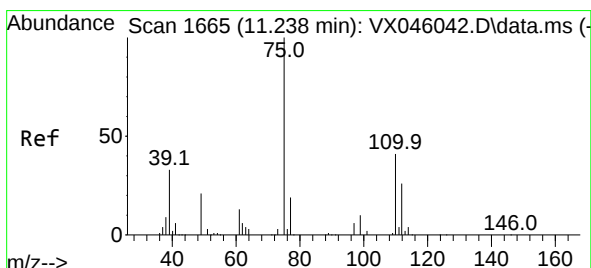
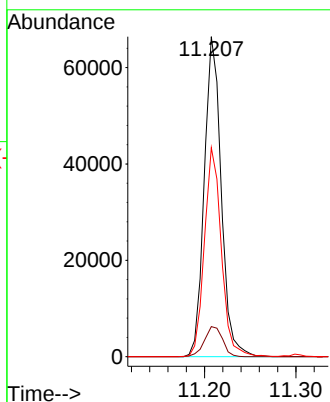
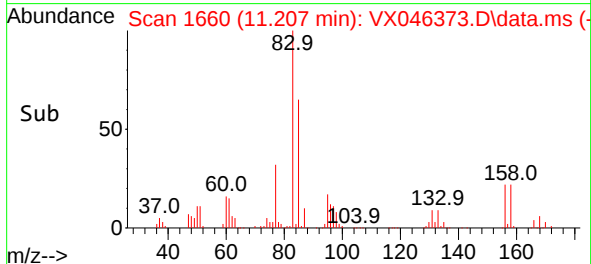
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 85490
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.2 31.9 95.7

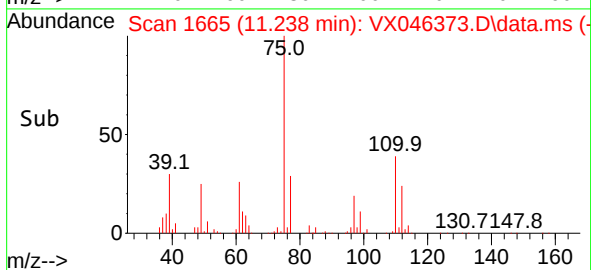
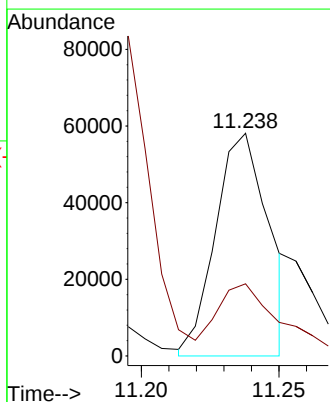
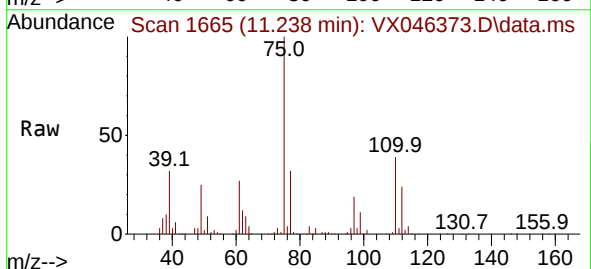
Manual Integrations
APPROVED

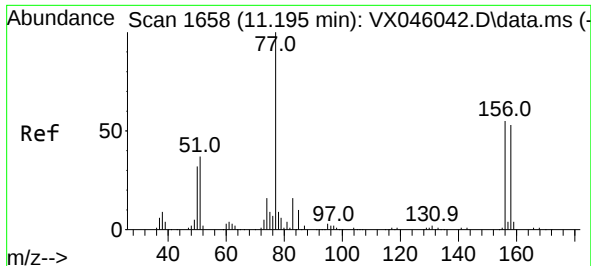
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 50.223 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

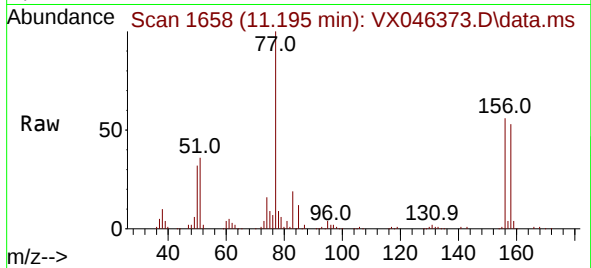
Tgt Ion: 75 Resp: 77939
Ion Ratio Lower Upper
75 100
77 39.4 20.5 61.5





#77
Bromobenzene
Concen: 50.535 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

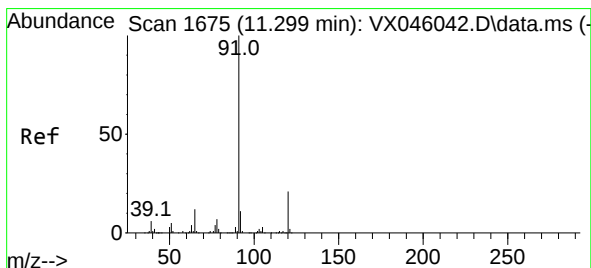
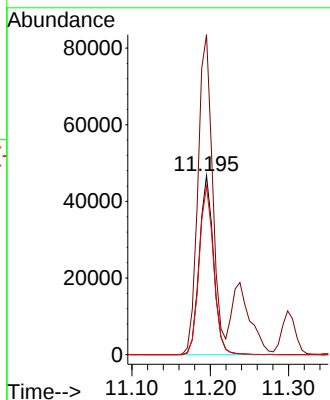
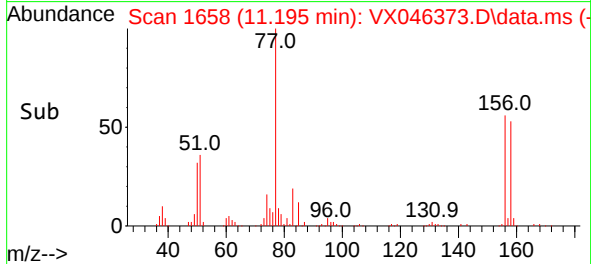
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



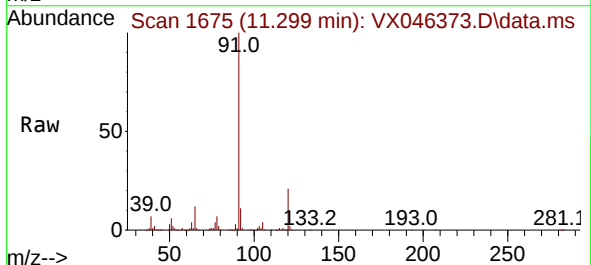
Tgt Ion:156 Resp: 5888
Ion Ratio Lower Upper
156 100
77 184.4 92.8 278.3
158 95.7 48.8 146.3

Manual Integrations
APPROVED

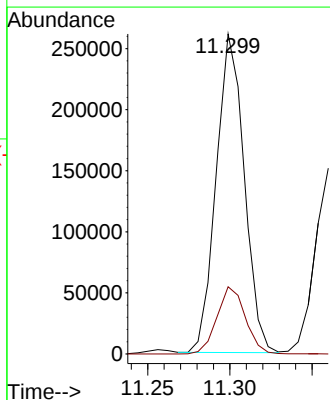
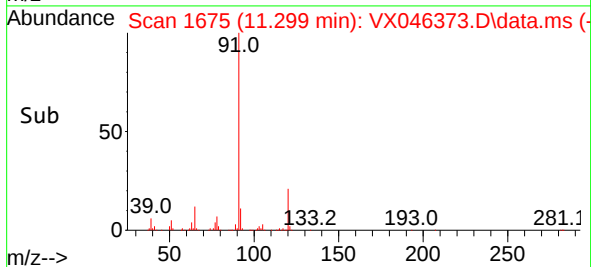
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

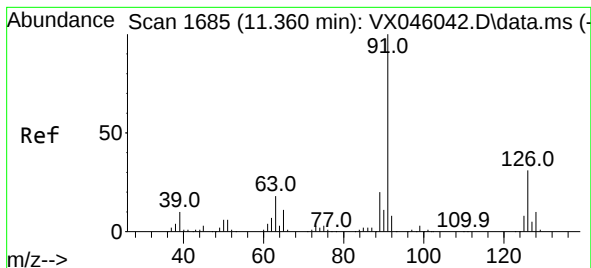


#78
n-propylbenzene
Concen: 53.044 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



Tgt Ion: 91 Resp: 309574
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4





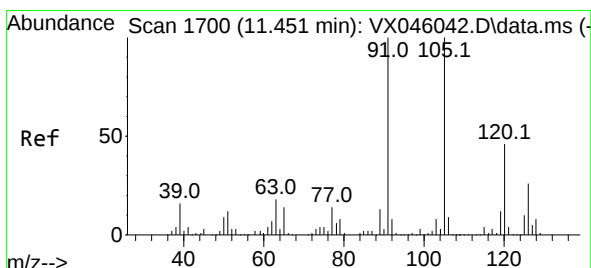
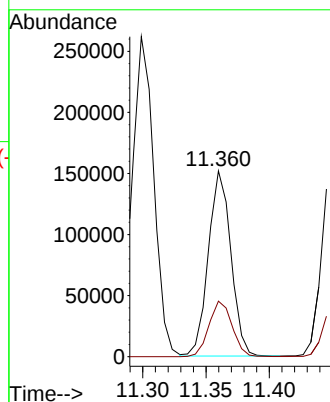
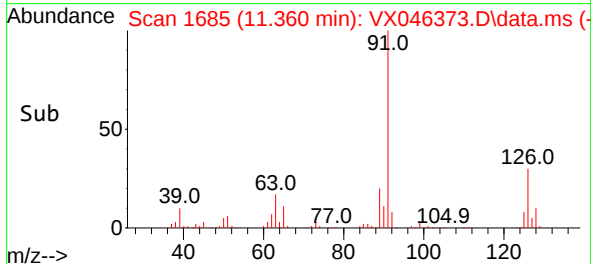
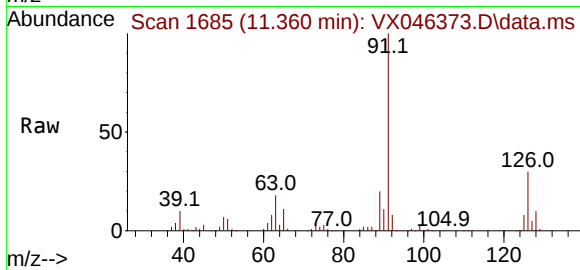
#79
2-Chlorotoluene
Concen: 49.923 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 187928
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7

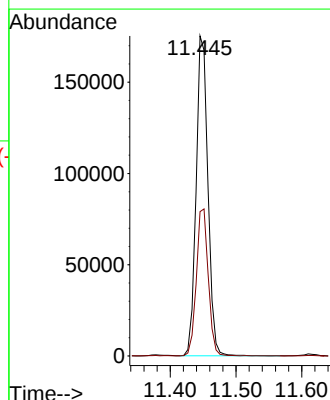
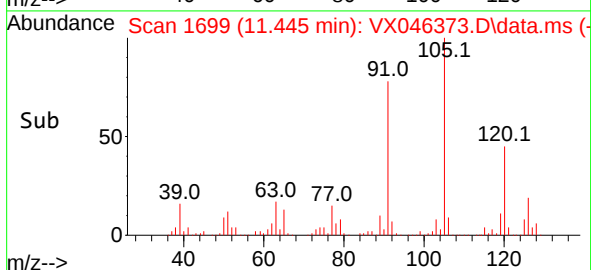
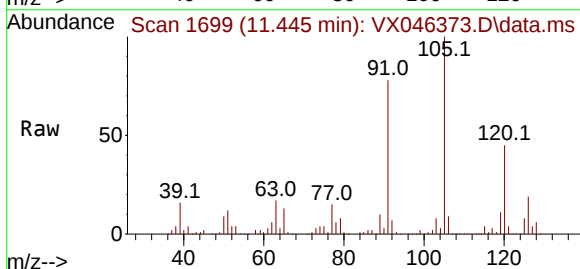
Manual Integrations
APPROVED

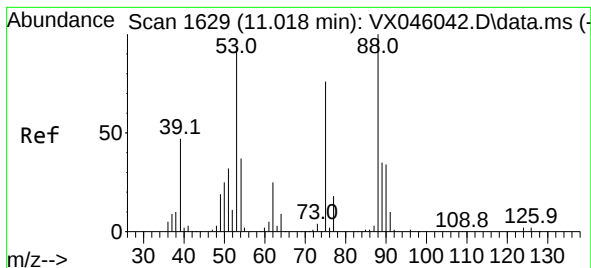
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.082 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Tgt Ion:105 Resp: 218395
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2





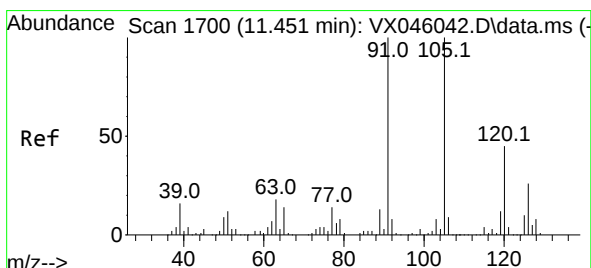
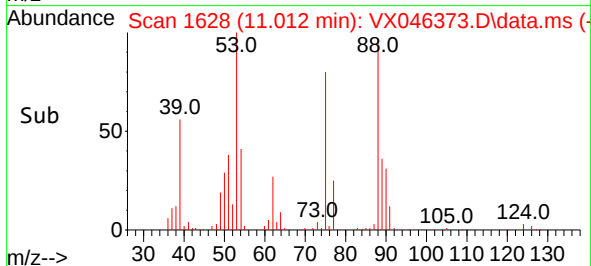
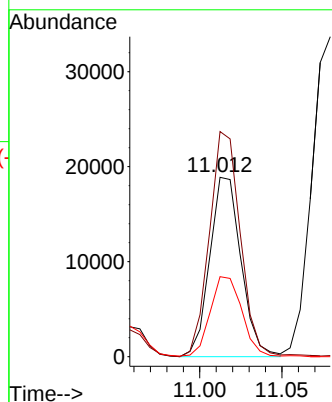
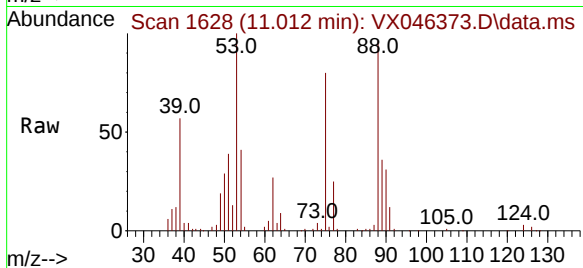
#81
trans-1,4-Dichloro-2-butene
Concen: 52.519 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25034
Ion Ratio Lower Upper
75 100
53 124.5 100.5 150.7
89 45.4 37.0 55.6

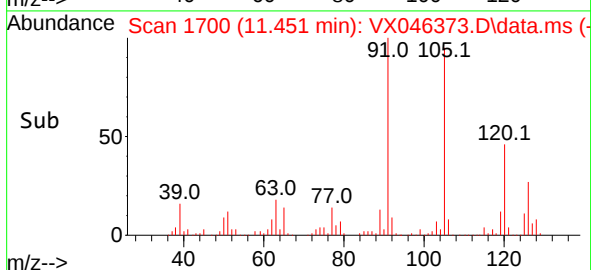
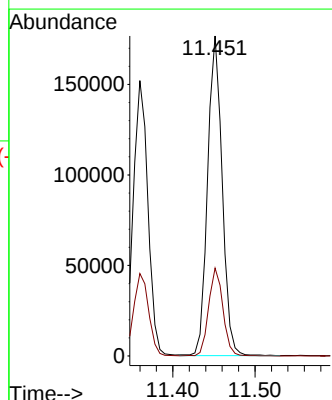
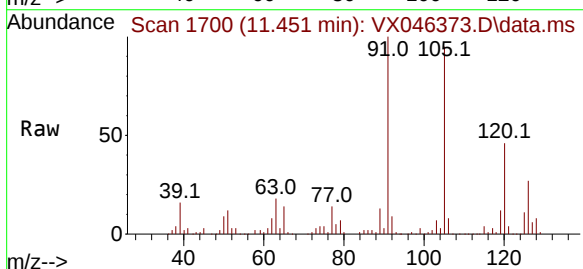
Manual Integrations
APPROVED

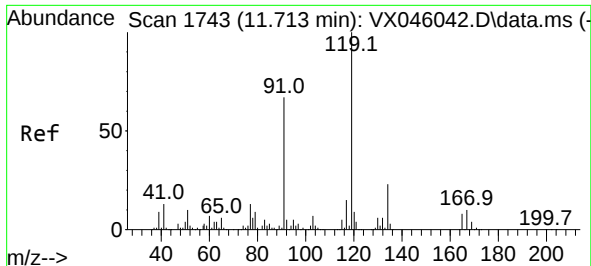
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#82
4-Chlorotoluene
Concen: 52.037 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

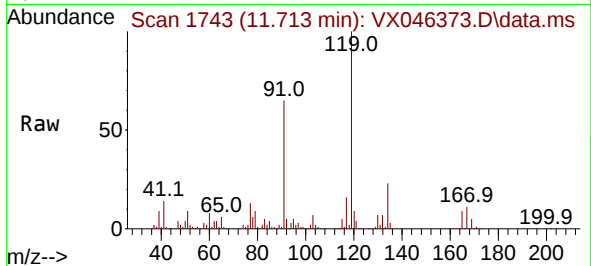
Tgt Ion: 91 Resp: 217232
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.8





#83
tert-Butylbenzene
Concen: 51.665 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

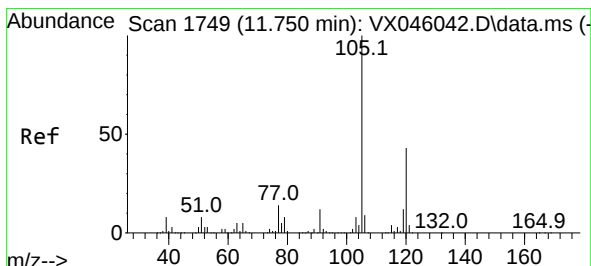
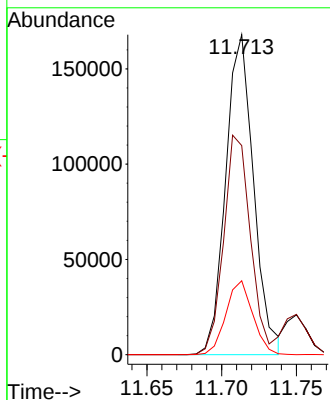
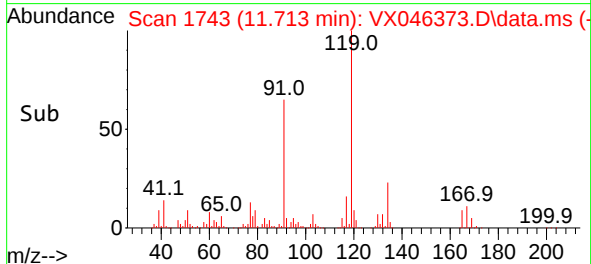
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



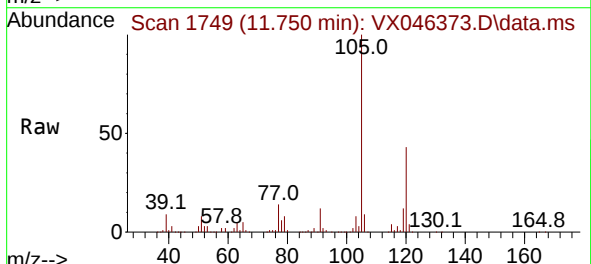
Tgt Ion:119 Resp: 21822
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.7
134 22.3 11.4 34.1

Manual Integrations
APPROVED

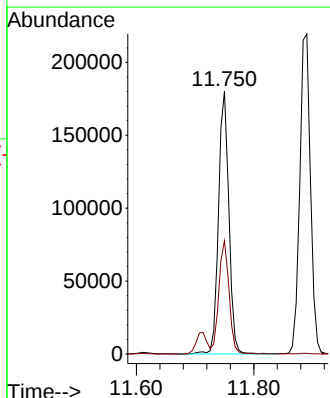
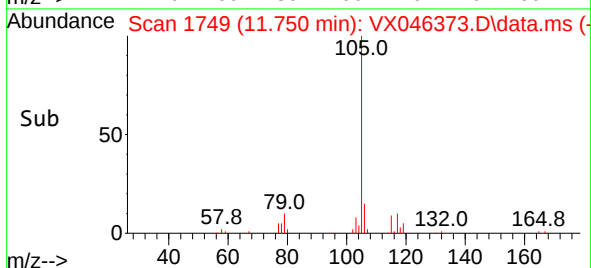
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

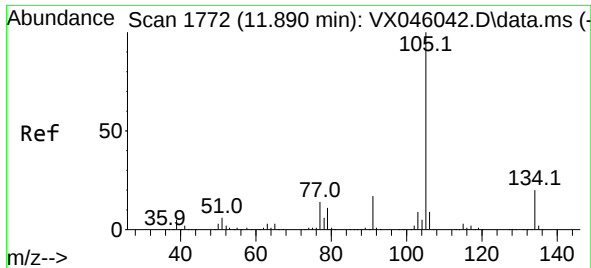


#84
1,2,4-Trimethylbenzene
Concen: 51.899 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



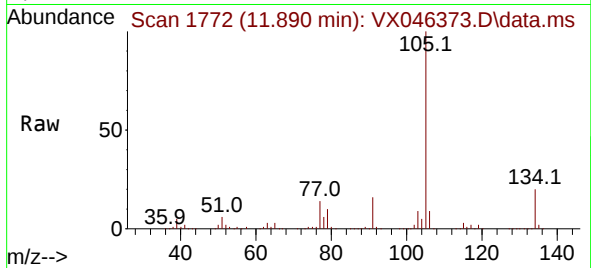
Tgt Ion:105 Resp: 220390
Ion Ratio Lower Upper
105 100
120 42.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.459 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046373.D
 Acq: 28 May 2025 10:02

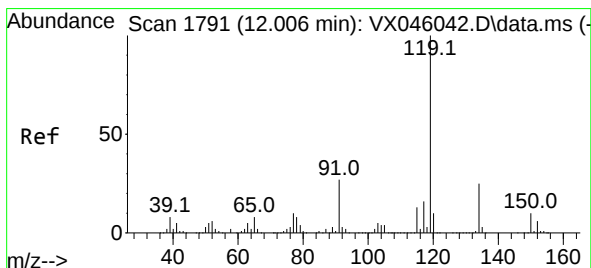
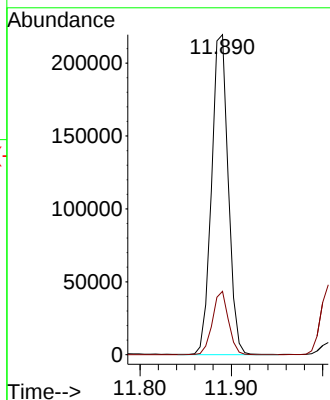
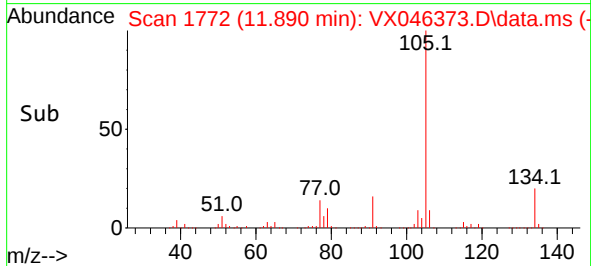
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



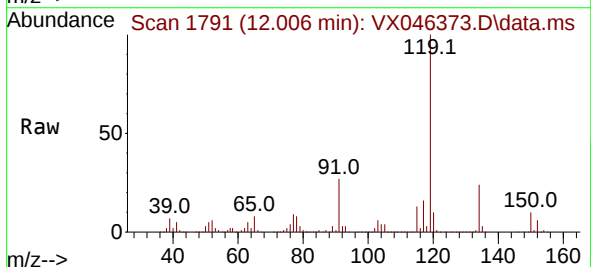
Tgt Ion:105 Resp: 277250
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

Manual Integrations
 APPROVED

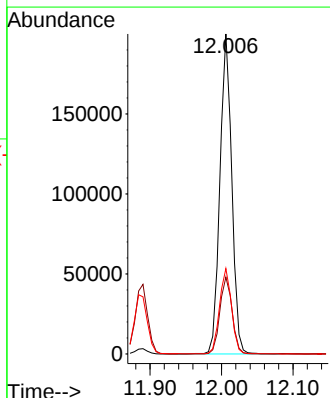
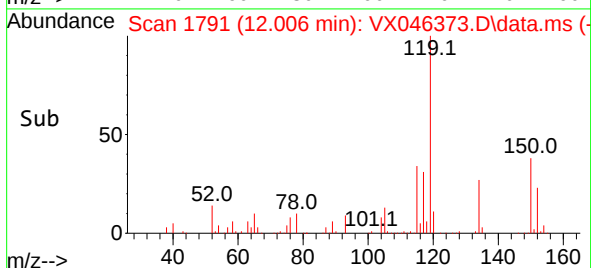
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

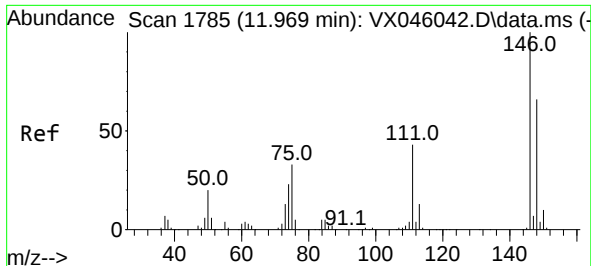


#86
 p-Isopropyltoluene
 Concen: 53.709 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046373.D
 Acq: 28 May 2025 10:02



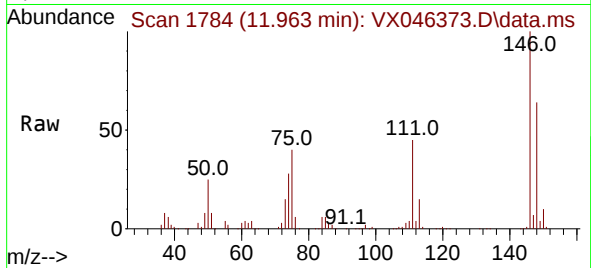
Tgt Ion:119 Resp: 229920
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.5 37.5
 91 26.9 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 51.355 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

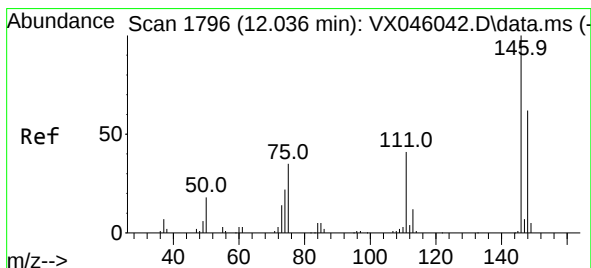
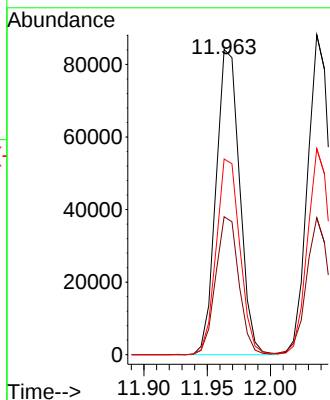
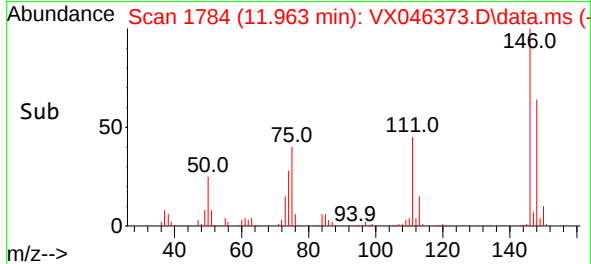
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 109217
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.3
148 64.2 32.1 96.5

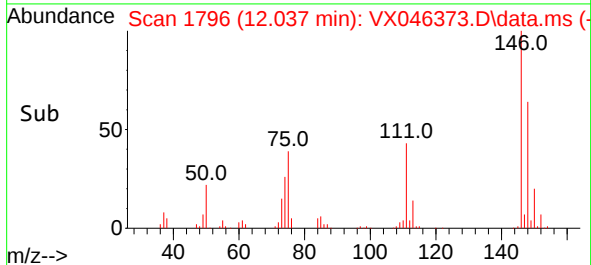
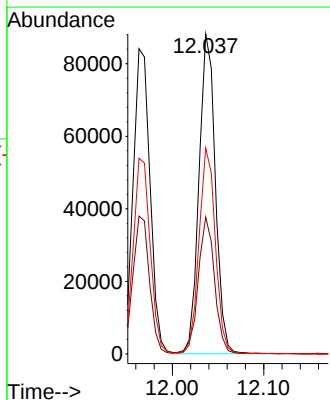
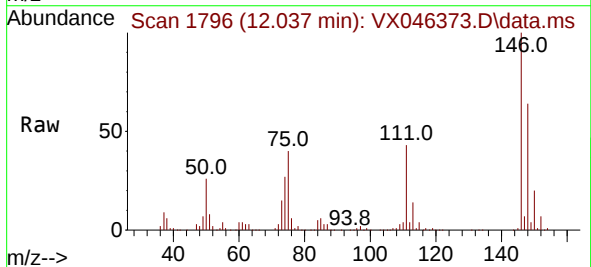
Manual Integrations
APPROVED

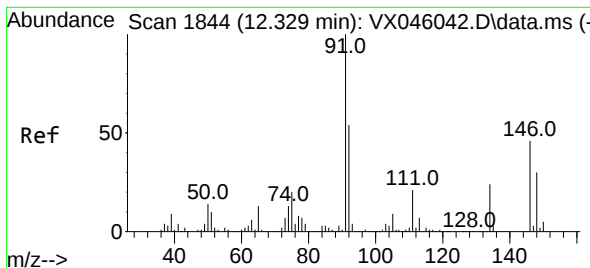
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#88
1,4-Dichlorobenzene
Concen: 50.346 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

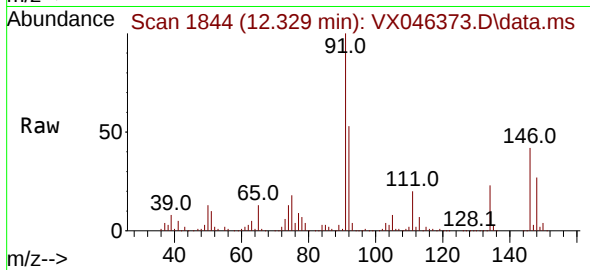
Tgt Ion:146 Resp: 109348
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.9
148 64.4 31.9 95.5





#89
n-Butylbenzene
Concen: 55.752 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

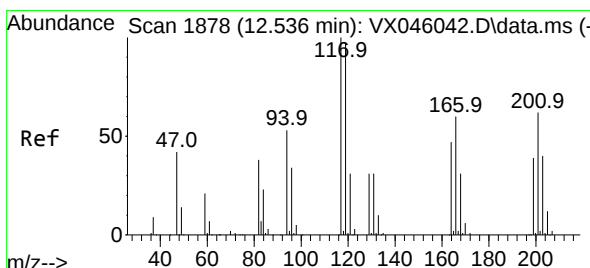
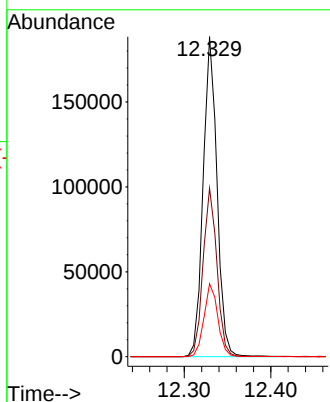
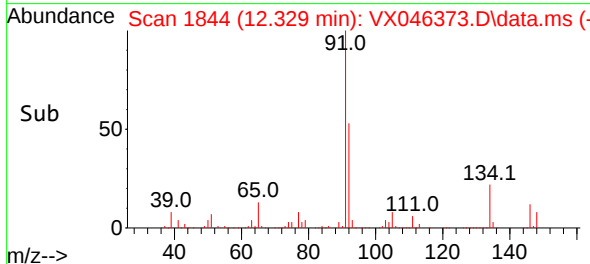
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 209349
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 22.8 11.8 35.3

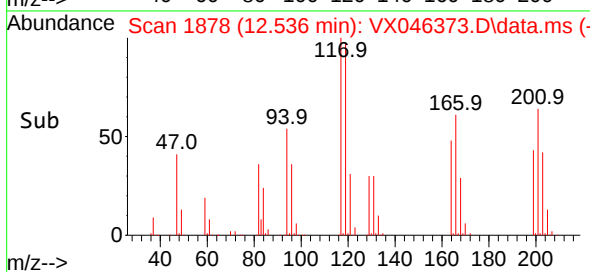
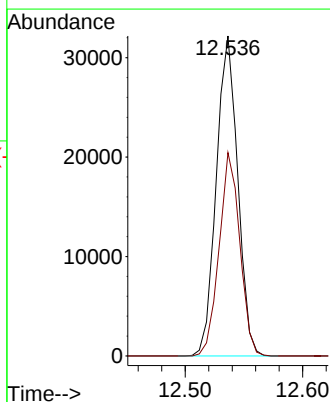
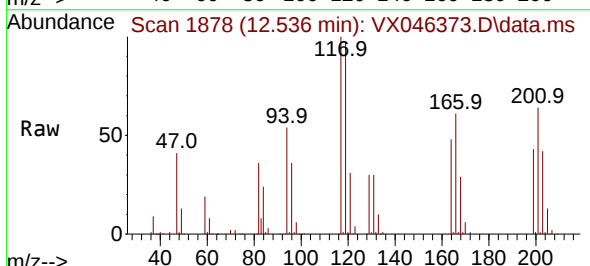
Manual Integrations
APPROVED

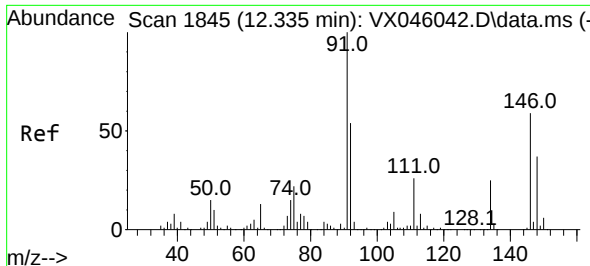
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 54.117 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

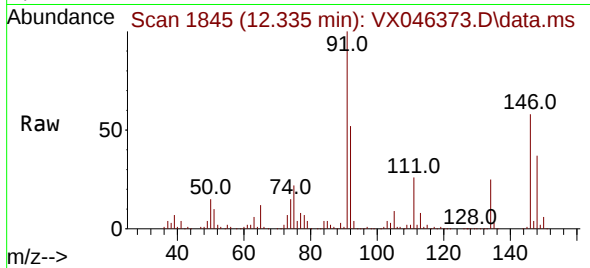
Tgt Ion:117 Resp: 40814
Ion Ratio Lower Upper
117 100
201 61.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 50.511 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

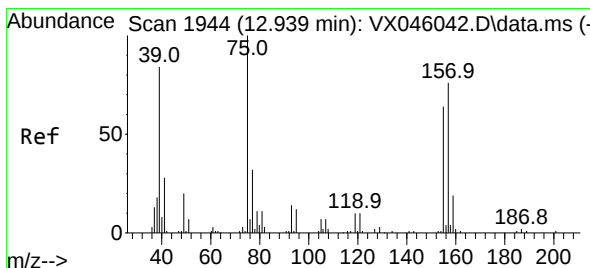
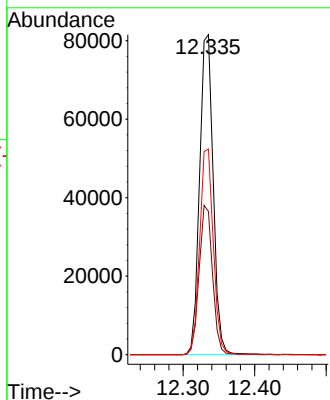
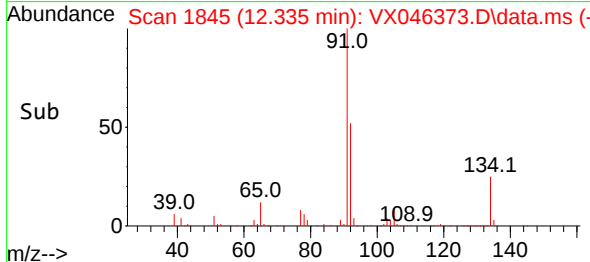
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



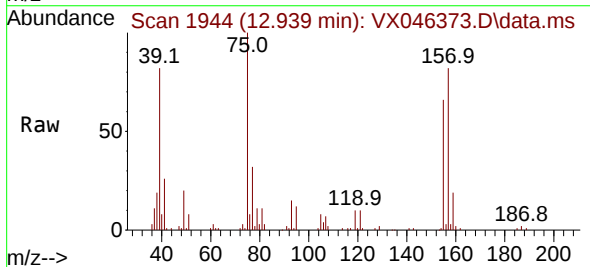
Tgt Ion:146 Resp: 107798
Ion Ratio Lower Upper
146 100
111 46.1 22.4 67.3
148 64.5 31.6 94.8

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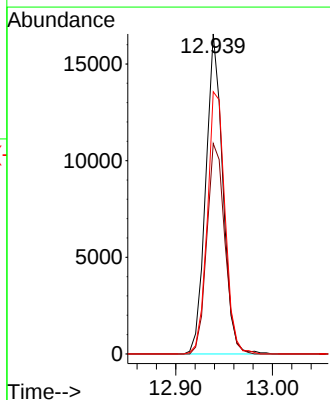
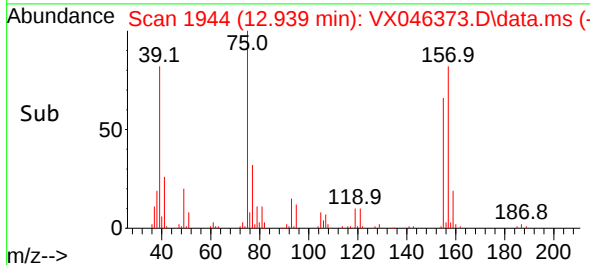
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

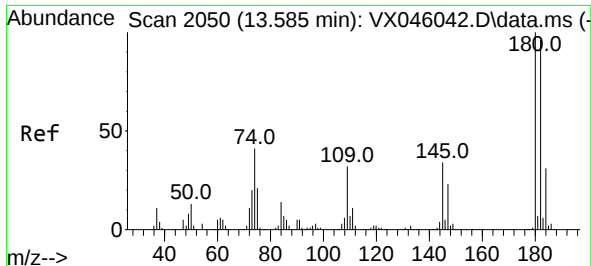


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.265 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



Tgt Ion: 75 Resp: 20366
Ion Ratio Lower Upper
75 100
155 69.2 34.9 104.8
157 84.9 43.8 131.4





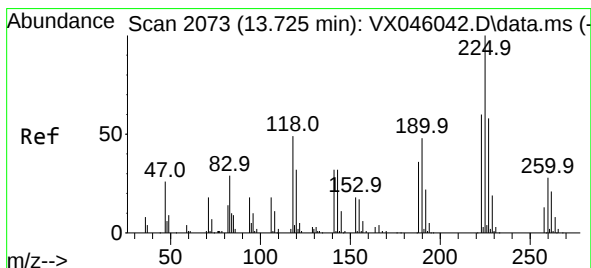
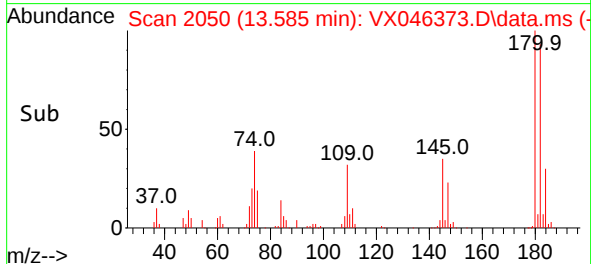
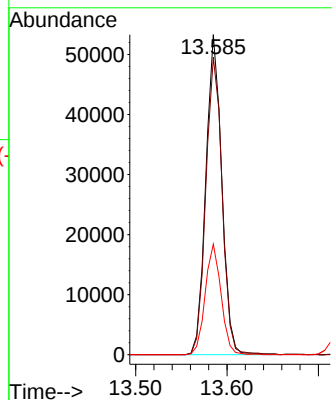
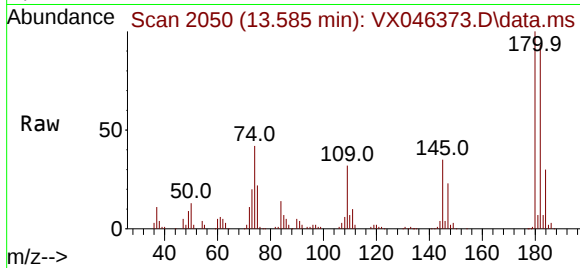
#93
1,2,4-Trichlorobenzene
Concen: 52.500 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 6435
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.8
145 34.4 17.1 51.2

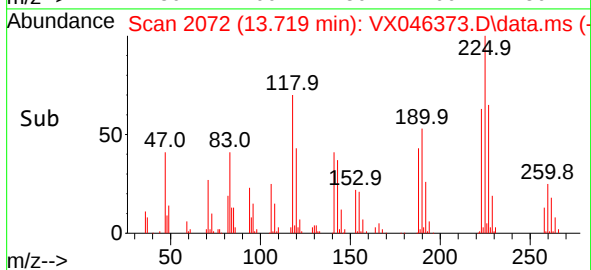
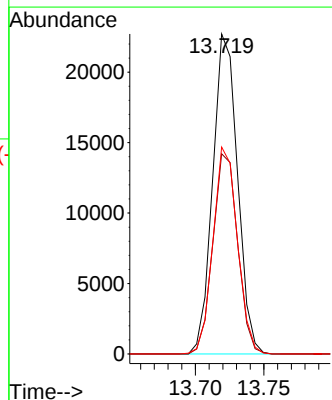
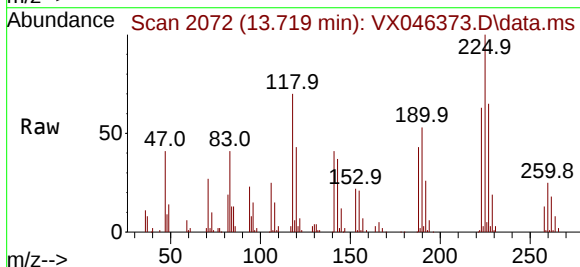
Manual Integrations
APPROVED

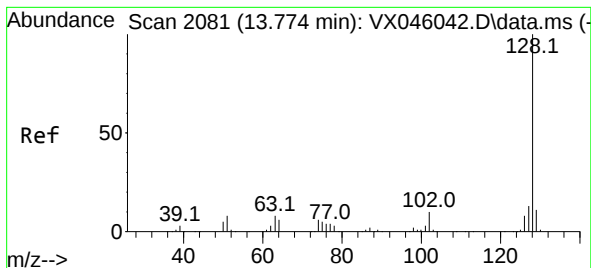
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#94
Hexachlorobutadiene
Concen: 53.224 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

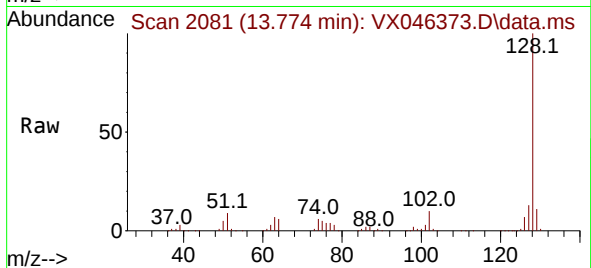
Tgt Ion:225 Resp: 28493
Ion Ratio Lower Upper
225 100
223 62.5 30.8 92.4
227 63.7 30.9 92.7





#95
Naphthalene
Concen: 49.886 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02

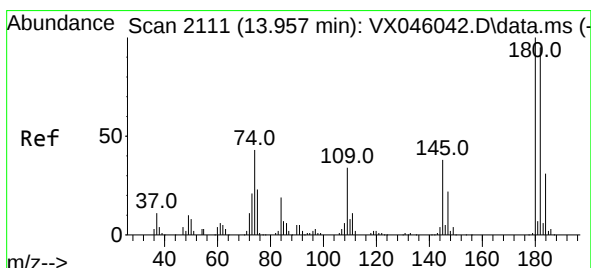
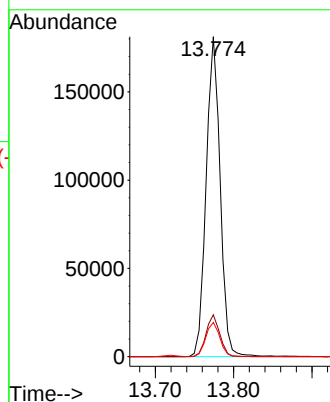
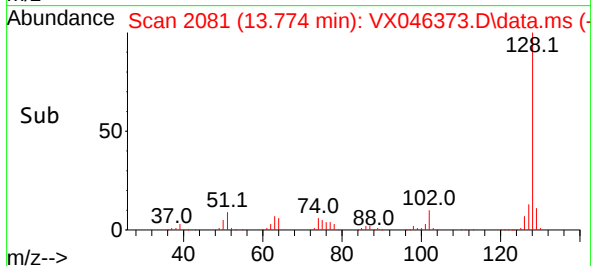
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



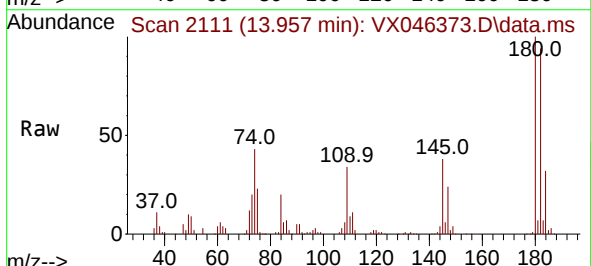
Tgt Ion:128 Resp: 22427
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.046 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046373.D
Acq: 28 May 2025 10:02



Tgt Ion:180 Resp: 65827
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 37.2 18.1 54.3

