

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046153.D
 Acq On : 13 May 2025 10:00
 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 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:33:35 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	5.543	168	98502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	167387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88548	48.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.440%		
35) Dibromofluoromethane	5.379	113	62082	51.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.000%		
50) Toluene-d8	8.640	98	206879	49.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	11.079	95	80981	50.604	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82665	54.831	ug/l	98
3) Chloromethane	1.306	50	73977	50.599	ug/l	99
4) Vinyl Chloride	1.373	62	68541	50.372	ug/l	99
5) Bromomethane	1.593	94	29973	47.492	ug/l	98
6) Chloroethane	1.666	64	36911	50.814	ug/l	96
7) Trichlorofluoromethane	1.873	101	104977	52.202	ug/l	100
8) Diethyl Ether	2.129	74	33662	49.172	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	64320	51.683	ug/l	98
10) Methyl Iodide	2.446	142	70924	48.163	ug/l	99
11) Tert butyl alcohol	2.971	59	62867	243.884	ug/l	99
12) 1,1-Dichloroethene	2.312	96	56910	48.725	ug/l	96
13) Acrolein	2.233	56	83810	285.492	ug/l	99
14) Allyl chloride	2.654	41	115482	51.734	ug/l	98
15) Acrylonitrile	3.062	53	189375	256.923	ug/l	99
16) Acetone	2.379	43	201897	274.202	ug/l	99
17) Carbon Disulfide	2.501	76	135470	48.923	ug/l	99
18) Methyl Acetate	2.702	43	91348	53.463	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	209959	51.273	ug/l	98
20) Methylene Chloride	2.782	84	65777	46.617	ug/l	97
21) trans-1,2-Dichloroethene	3.086	96	58057	49.427	ug/l	99
22) Diisopropyl ether	3.757	45	221111	51.279	ug/l	97
23) Vinyl Acetate	3.714	43	985800	259.937	ug/l	100
24) 1,1-Dichloroethane	3.599	63	121218	50.473	ug/l	99
25) 2-Butanone	4.550	43	276370	258.541	ug/l	100
26) 2,2-Dichloropropane	4.464	77	97857	52.058	ug/l	99
27) cis-1,2-Dichloroethene	4.476	96	70401	49.788	ug/l	100
28) Bromochloromethane	4.885	49	60754	52.554	ug/l	98
29) Tetrahydrofuran	5.001	42	169140	252.509	ug/l	99
30) Chloroform	5.080	83	128041	51.150	ug/l	98
31) Cyclohexane	5.458	56	106545	48.684	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	110040	50.711	ug/l	100
36) 1,1-Dichloropropene	5.684	75	80599	49.767	ug/l	99
37) Ethyl Acetate	4.708	43	101469	50.711	ug/l	99
38) Carbon Tetrachloride	5.665	117	96000	52.757	ug/l	97
39) Methylcyclohexane	7.372	83	103987	49.874	ug/l	95
40) Benzene	6.031	78	241084	50.821	ug/l	100

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 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)
41) Methacrylonitrile	4.909	41	58409	55.803	ug/l	98
42) 1,2-Dichloroethane	6.074	62	104637	51.108	ug/l	100
43) Isopropyl Acetate	6.336	43	160905	52.712	ug/l	99
44) Trichloroethene	7.116	130	57533	50.391	ug/l	97
45) 1,2-Dichloropropane	7.427	63	61983	52.547	ug/l	98
46) Dibromomethane	7.573	93	47779	51.357	ug/l	98
47) Bromodichloromethane	7.817	83	98344	53.671	ug/l	100
48) Methyl methacrylate	7.689	41	84825	54.412	ug/l	97
49) 1,4-Dioxane	7.659	88	30084	1016.342	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	528906	261.030	ug/l	100
52) Toluene	8.713	92	147915	50.851	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89007	54.650	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	97171	53.981	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	58697	51.177	ug/l	98
56) Ethyl methacrylate	9.116	69	99742	54.564	ug/l	98
57) 1,3-Dichloropropane	9.305	76	104465	50.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	254739	273.344	ug/l	100
59) 2-Hexanone	9.427	43	390477	260.479	ug/l	100
60) Dibromochloromethane	9.518	129	69888	55.484	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61530	51.616	ug/l	98
64) Tetrachloroethene	9.268	164	53943	51.953	ug/l	93
65) Chlorobenzene	10.073	112	160170	49.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	57345	52.285	ug/l	99
67) Ethyl Benzene	10.189	91	290658	51.336	ug/l	100
68) m/p-Xylenes	10.299	106	215927	104.273	ug/l	100
69) o-Xylene	10.640	106	104981	52.001	ug/l	99
70) Styrene	10.652	104	177405	53.645	ug/l	99
71) Bromoform	10.798	173	45067	54.730	ug/l #	99
73) Isopropylbenzene	10.957	105	282394	51.497	ug/l	100
74) N-amyl acetate	10.841	43	136431	50.348	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90369	47.026	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	81816m	48.256	ug/l	
77) Bromobenzene	11.195	156	63958	50.237	ug/l	99
78) n-propylbenzene	11.298	91	332668	52.174	ug/l	100
79) 2-Chlorotoluene	11.359	91	203011	49.362	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	238897	52.146	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26481	50.850	ug/l	99
82) 4-Chlorotoluene	11.451	91	236578	51.872	ug/l	100
83) tert-Butylbenzene	11.713	119	235120	50.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	241198	51.989	ug/l	100
85) sec-Butylbenzene	11.890	105	299076	52.784	ug/l	99
86) p-Isopropyltoluene	12.006	119	246710	52.751	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	117835	50.715	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116679	49.172	ug/l	98
89) n-Butylbenzene	12.329	91	220935	53.855	ug/l	99
90) Hexachloroethane	12.536	117	43914	53.296	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	115297	49.450	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21277	49.979	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	66994	50.026	ug/l	98
94) Hexachlorobutadiene	13.719	225	30548	52.230	ug/l	100
95) Naphthalene	13.774	128	241042	49.076	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	69113	50.017	ug/l	100

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VSTDCCC050

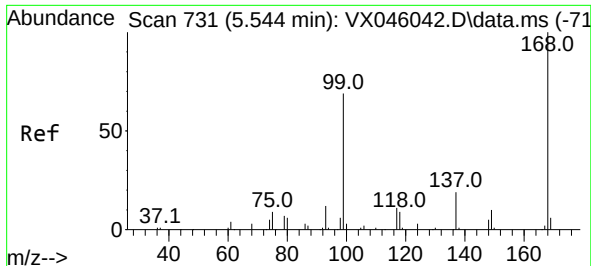
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:33:35 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

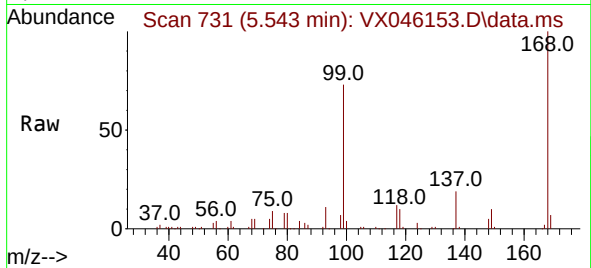
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

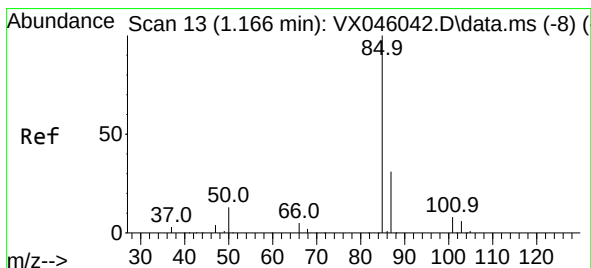
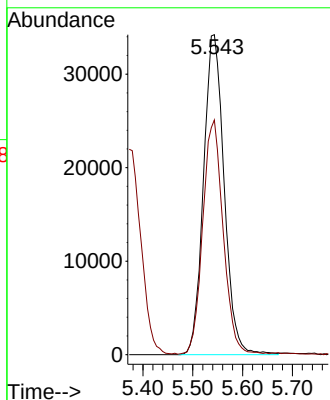
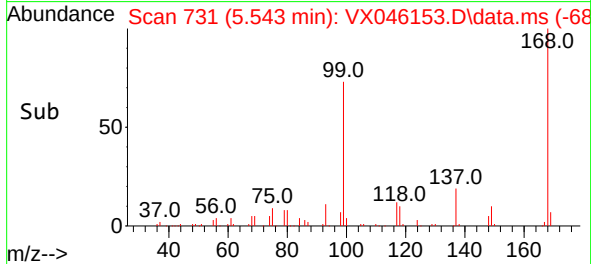
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 98502
Ion Ratio Lower Upper
168 100
99 73.2 54.9 82.3

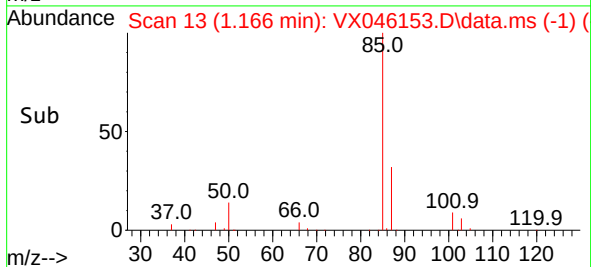
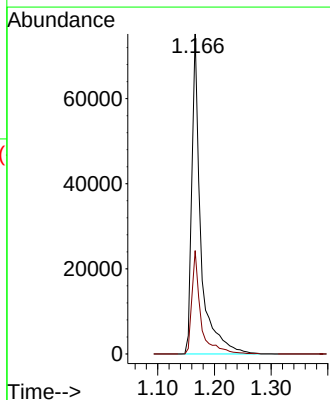
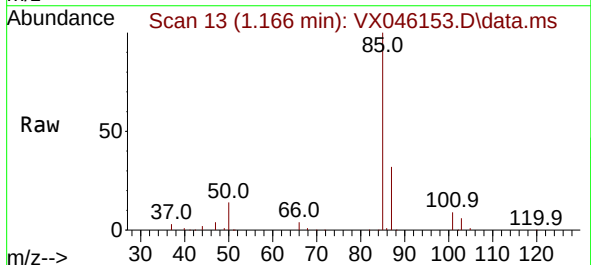
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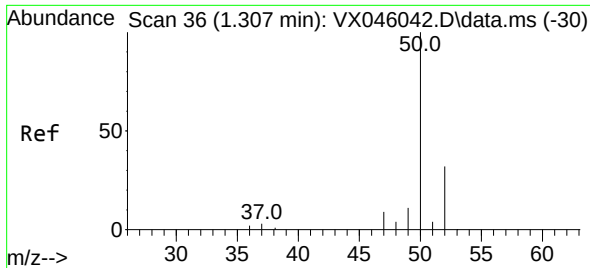
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#2
Dichlorodifluoromethane
Concen: 54.831 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

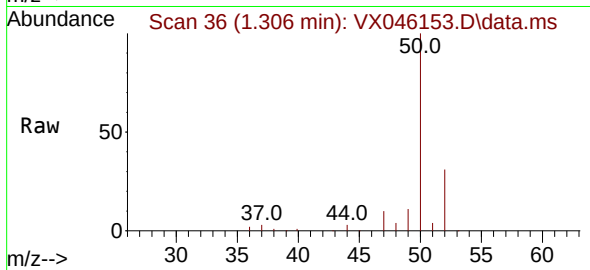
Tgt Ion: 85 Resp: 82665
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 50.599 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

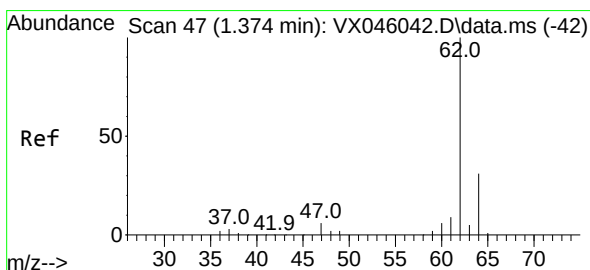
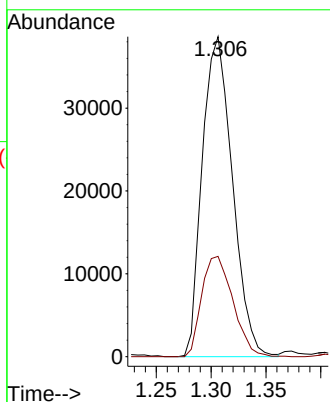
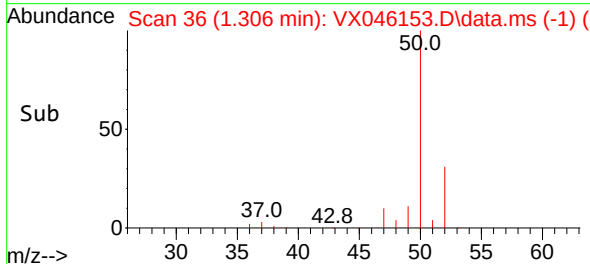
Instrument :
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VSTDCCC050



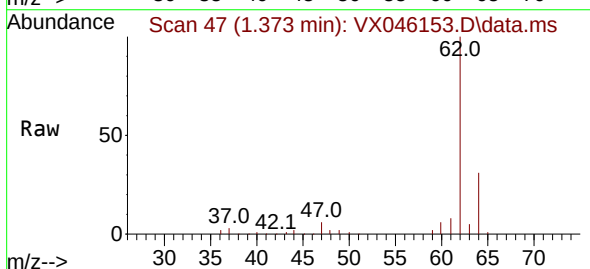
Tgt Ion: 50 Resp: 7397
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

Manual Integrations
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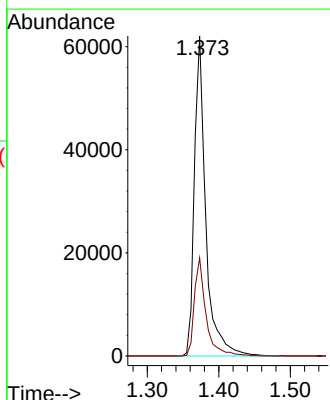
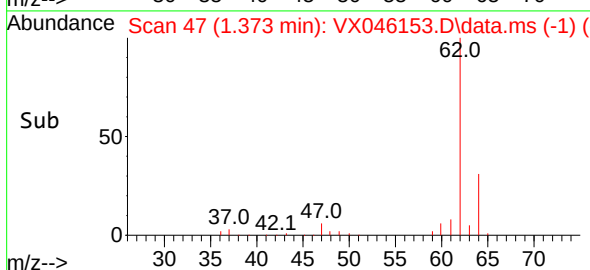
Reviewed By :John Carlone 05/14/2025
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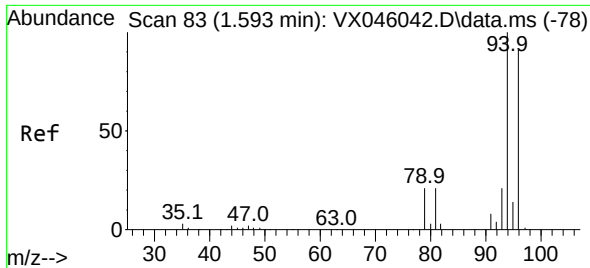


#4
Vinyl Chloride
Concen: 50.372 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



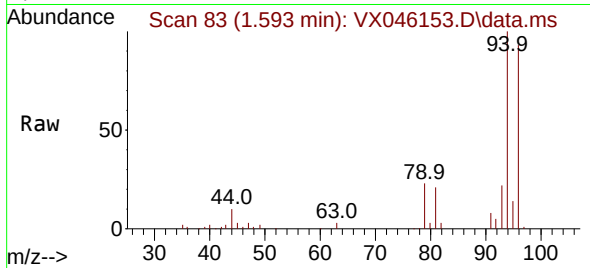
Tgt Ion: 62 Resp: 68541
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8





#5
Bromomethane
Concen: 47.492 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

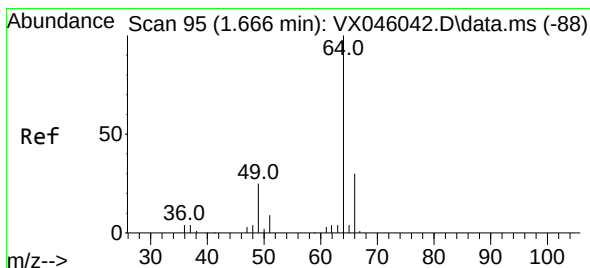
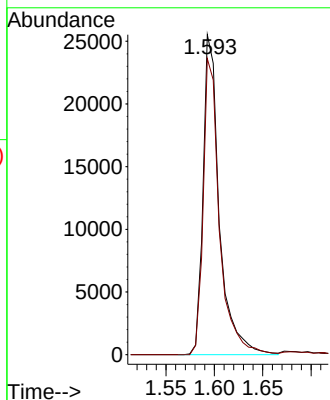
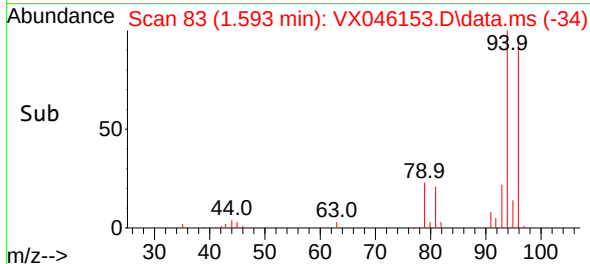
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2997
Ion Ratio Lower Upper
94 100
96 92.5 72.8 109.2

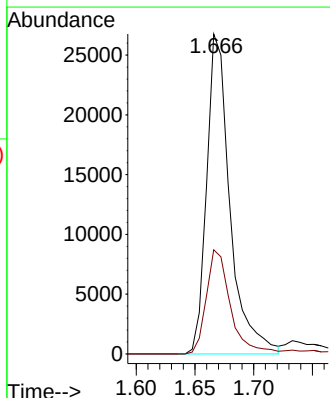
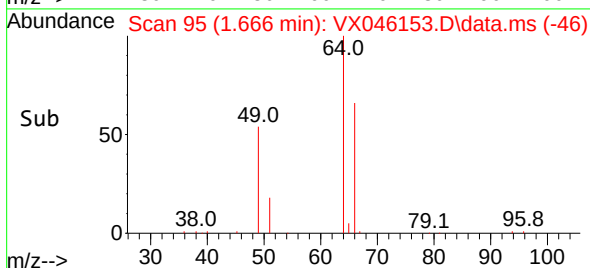
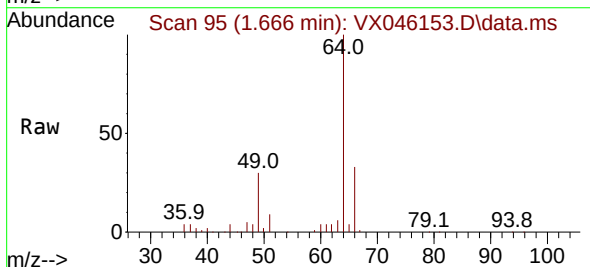
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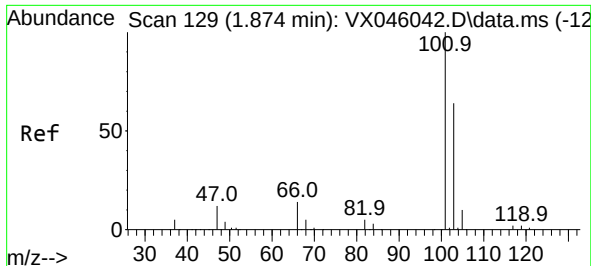
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#6
Chloroethane
Concen: 50.814 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

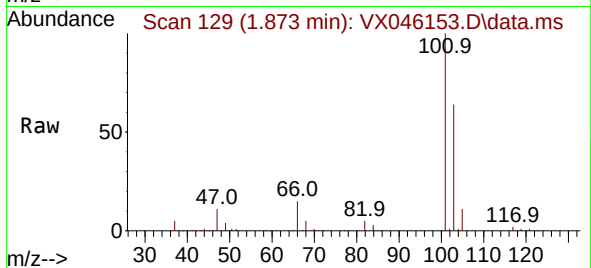
Tgt Ion: 64 Resp: 36911
Ion Ratio Lower Upper
64 100
66 32.5 24.3 36.5





#7
Trichlorofluoromethane
Concen: 52.202 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

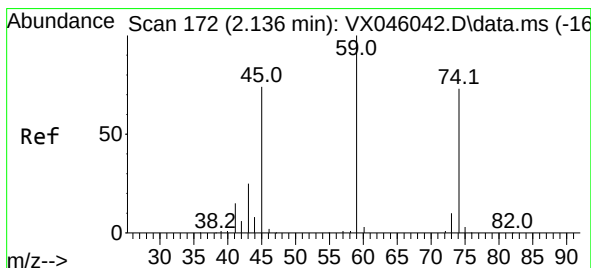
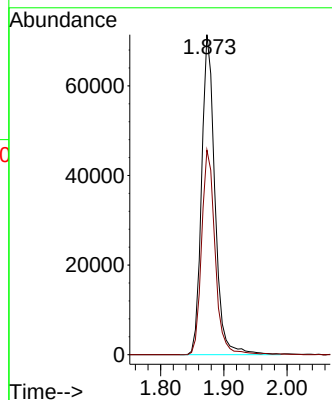
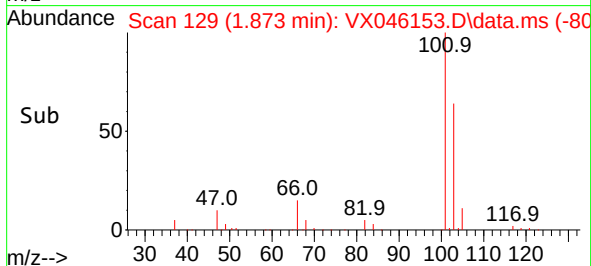
Instrument :
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VSTDCCC050



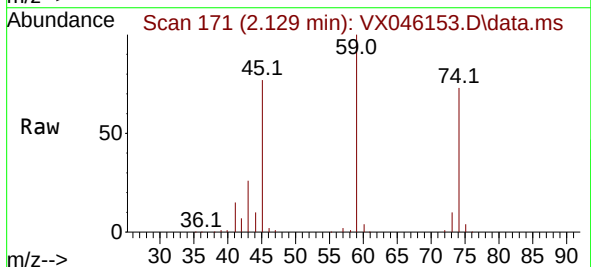
Tgt Ion:101 Resp: 10497
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4

Manual Integrations
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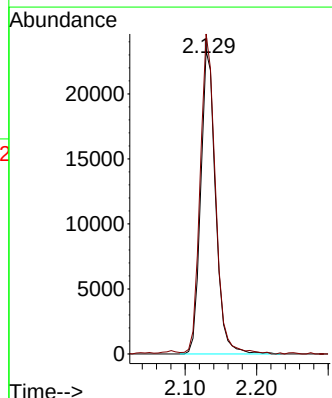
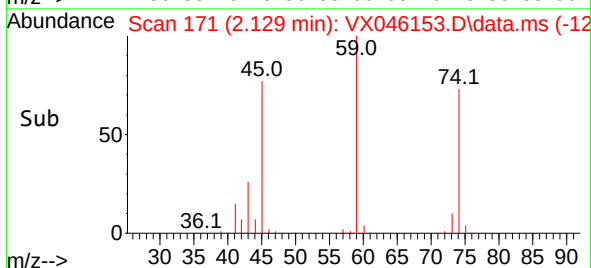
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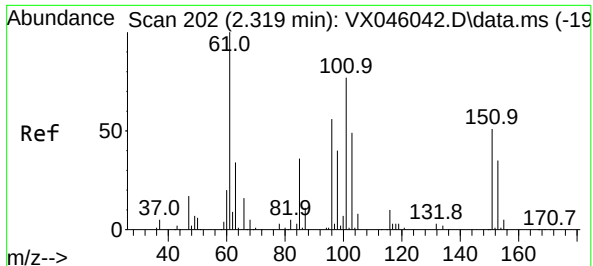


#8
Diethyl Ether
Concen: 49.172 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



Tgt Ion: 74 Resp: 33662
Ion Ratio Lower Upper
74 100
45 108.5 54.9 164.8





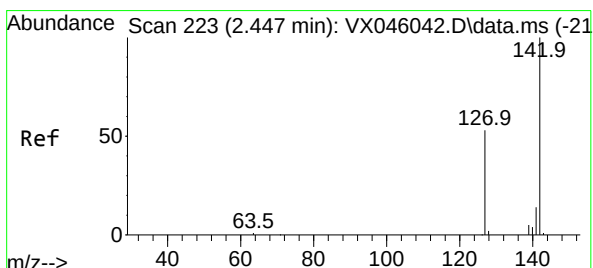
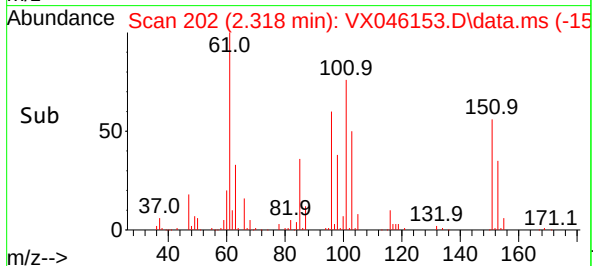
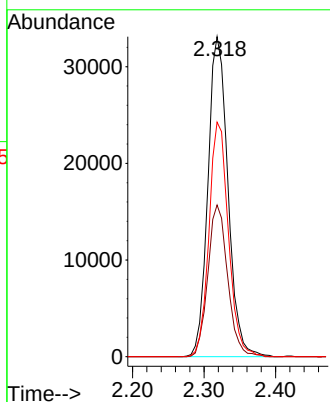
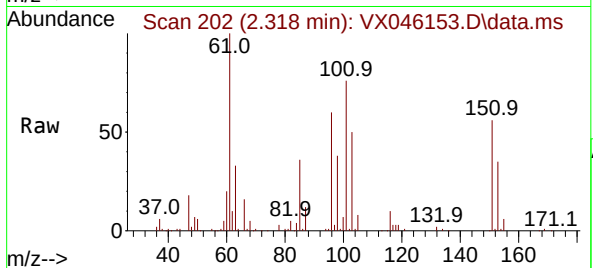
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.683 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

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Tgt Ion:101 Resp: 64320
Ion Ratio Lower Upper
101 100
85 46.9 38.6 58.0
151 71.2 55.2 82.8

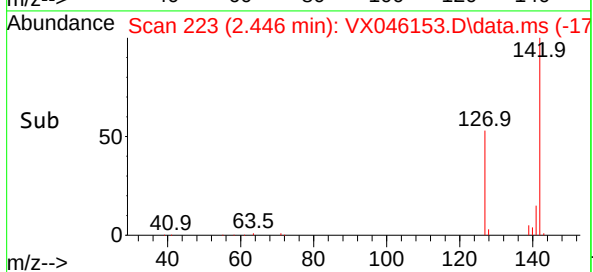
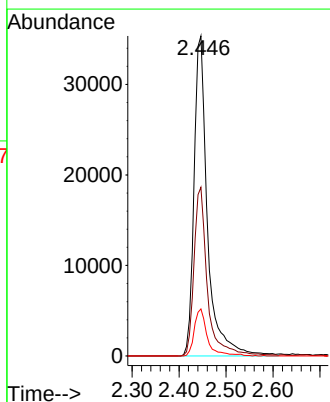
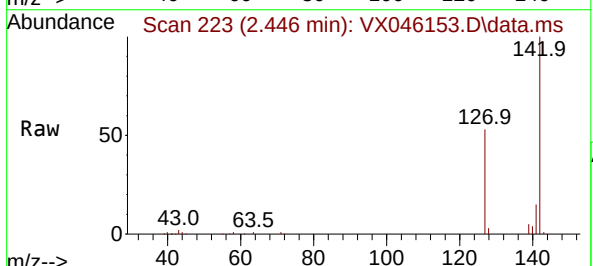
Manual Integrations
APPROVED

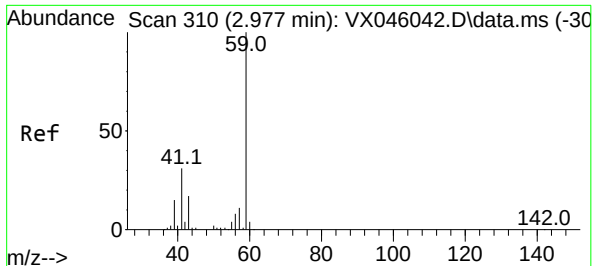
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#10
Methyl Iodide
Concen: 48.163 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

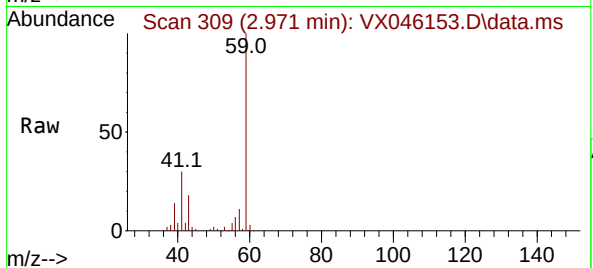
Tgt Ion:142 Resp: 70924
Ion Ratio Lower Upper
142 100
127 52.6 41.7 62.5
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 243.884 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

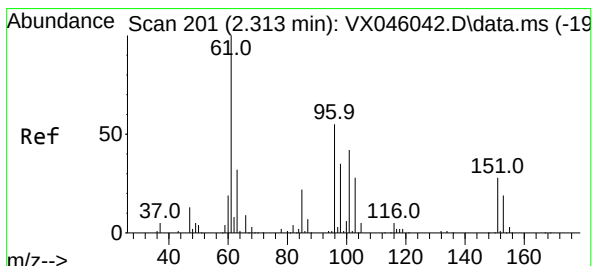
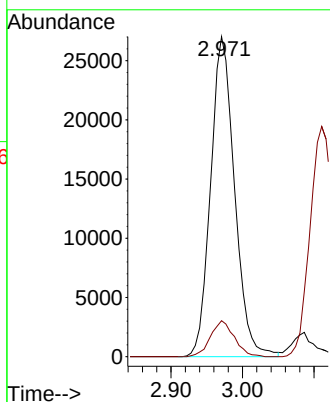
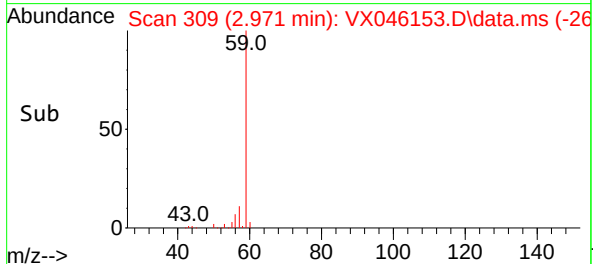
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



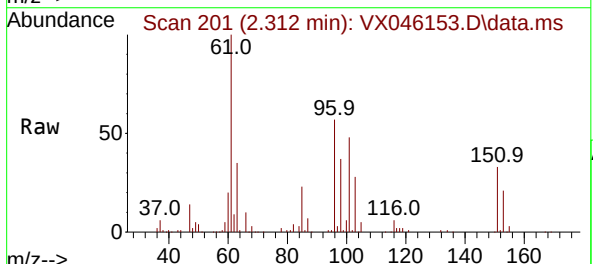
Tgt Ion: 59 Resp: 6286
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

Manual Integrations
APPROVED

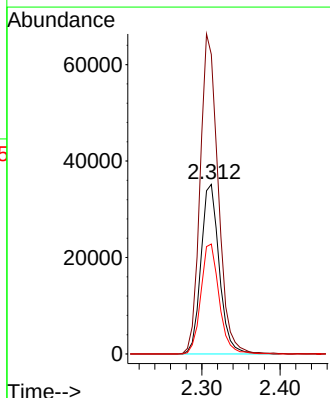
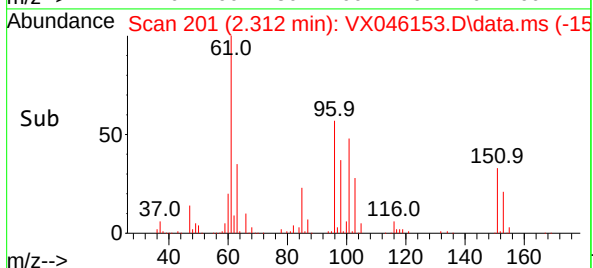
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

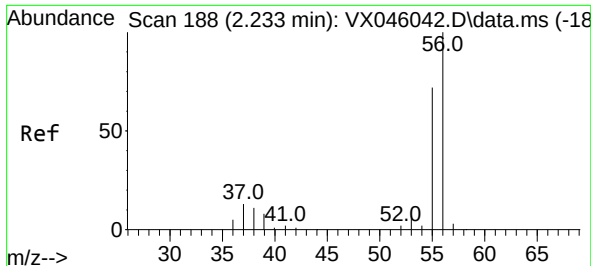


#12
1,1-Dichloroethene
Concen: 48.725 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



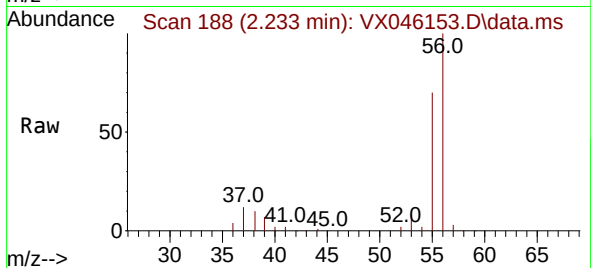
Tgt Ion: 96 Resp: 56910
Ion Ratio Lower Upper
96 100
61 176.5 146.2 219.2
98 64.8 51.0 76.6





#13
Acrolein
Concen: 285.492 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

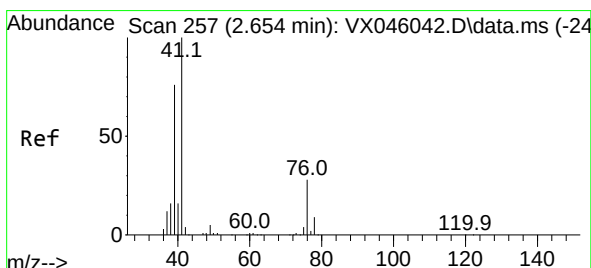
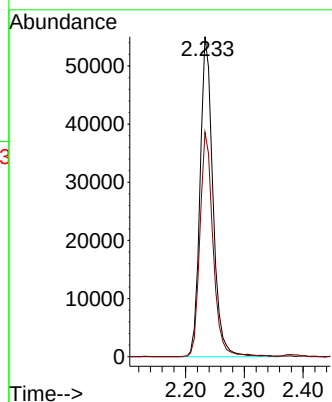
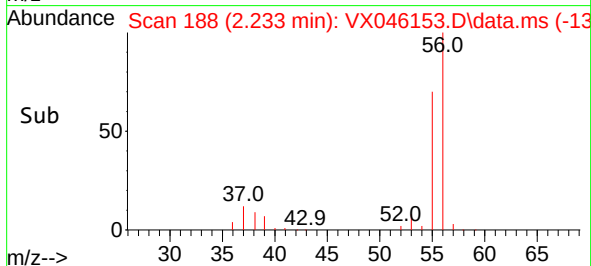
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 83810
Ion Ratio Lower Upper
56 100
55 71.4 56.2 84.4

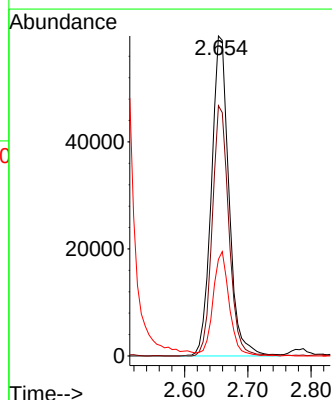
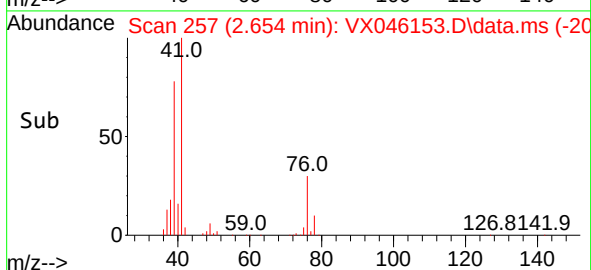
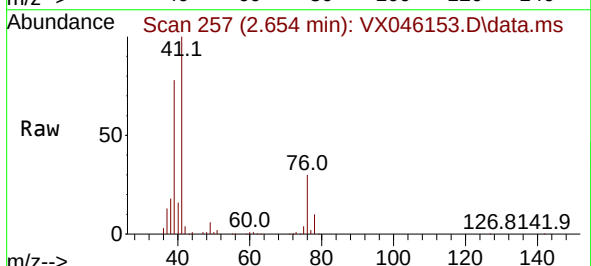
Manual Integrations
APPROVED

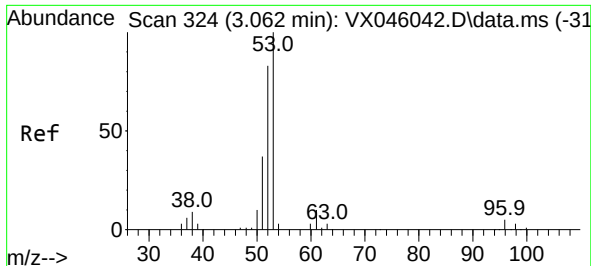
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#14
Allyl chloride
Concen: 51.734 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

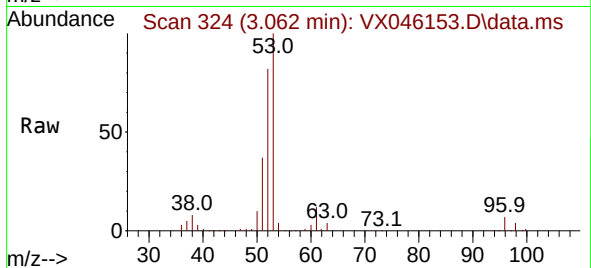
Tgt Ion: 41 Resp: 115482
Ion Ratio Lower Upper
41 100
39 74.0 60.6 90.8
76 30.2 24.9 37.3





#15
Acrylonitrile
Concen: 256.923 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

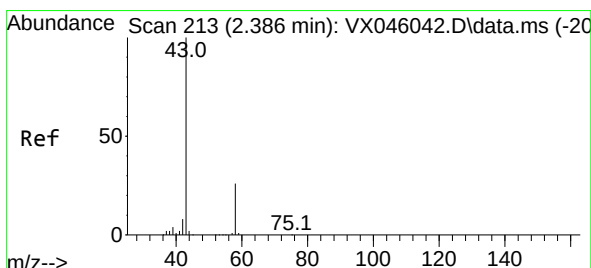
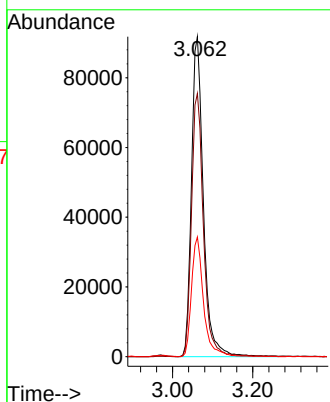
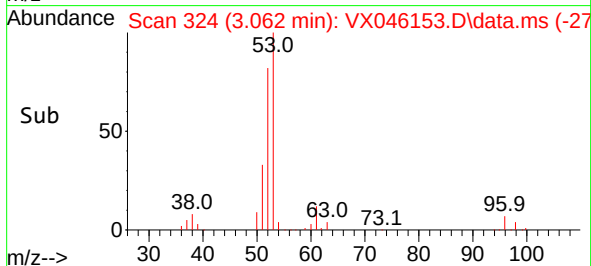
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 189375
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.8 29.8 44.8

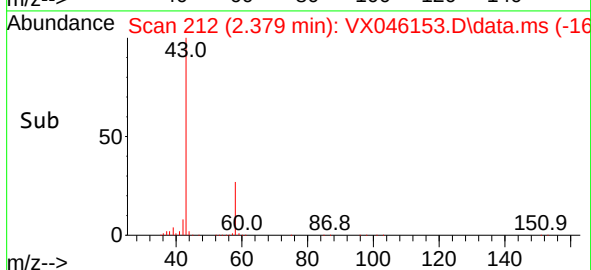
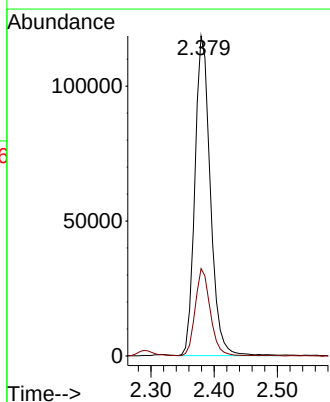
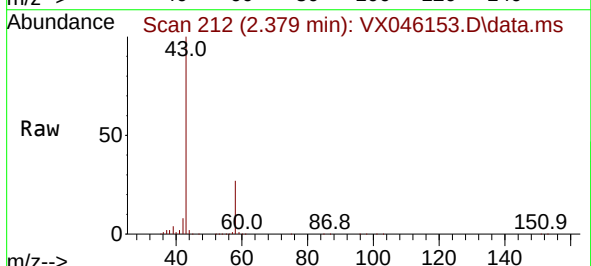
Manual Integrations
APPROVED

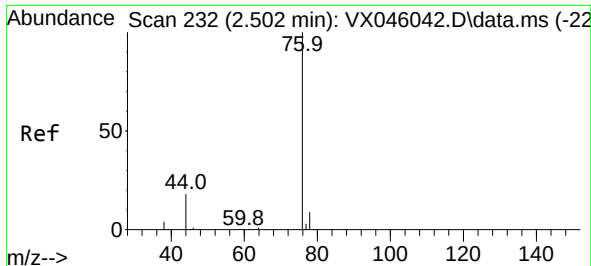
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 274.202 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion: 43 Resp: 201897
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8





#17

Carbon Disulfide

Concen: 48.923 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 135470

Ion Ratio Lower Upper

76 100

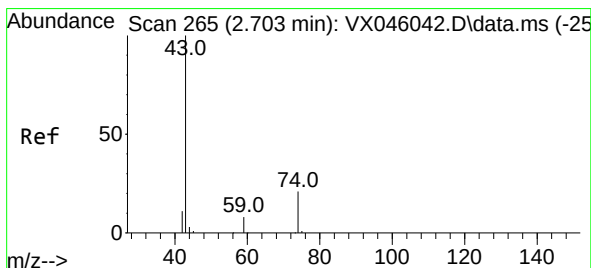
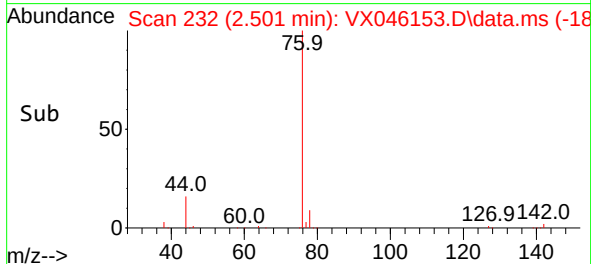
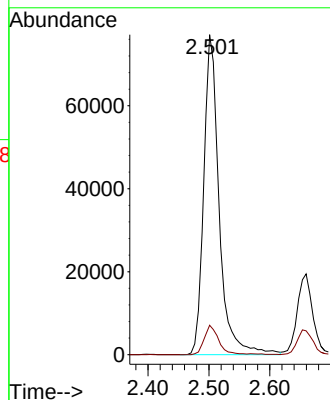
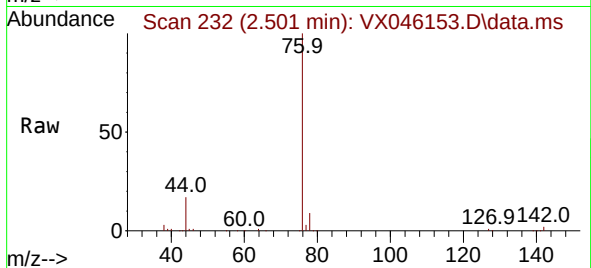
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#18

Methyl Acetate

Concen: 53.463 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046153.D

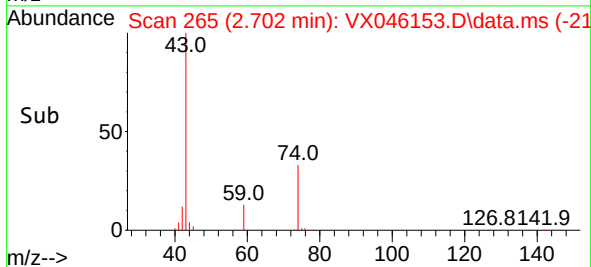
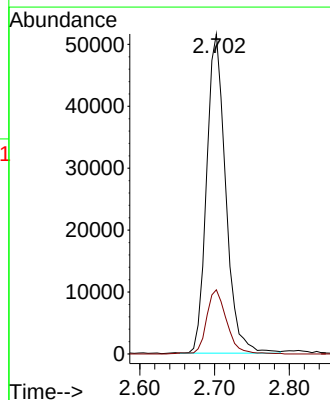
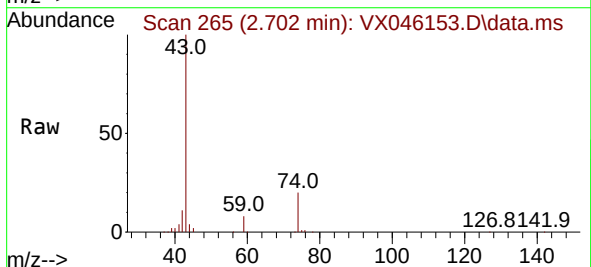
Acq: 13 May 2025 10:00

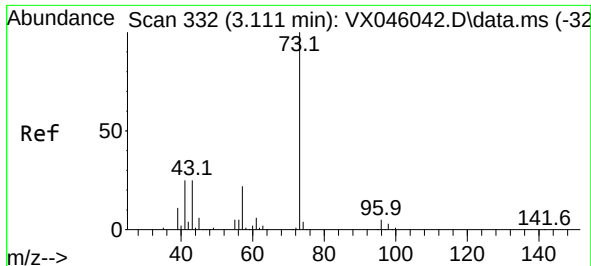
Tgt Ion: 43 Resp: 91348

Ion Ratio Lower Upper

43 100

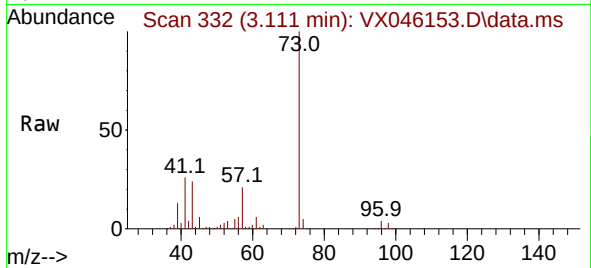
74 21.3 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 51.273 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

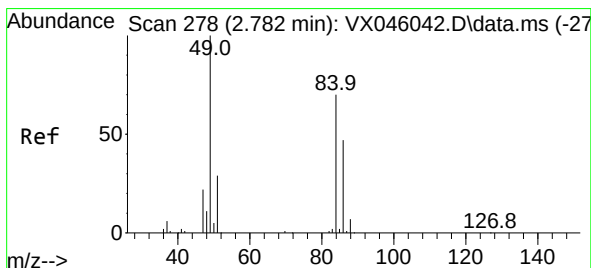
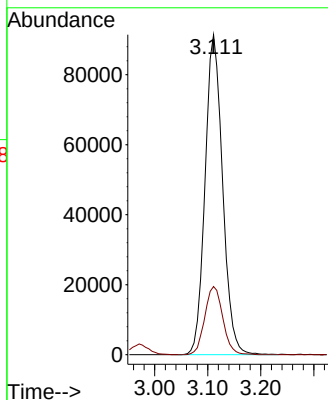
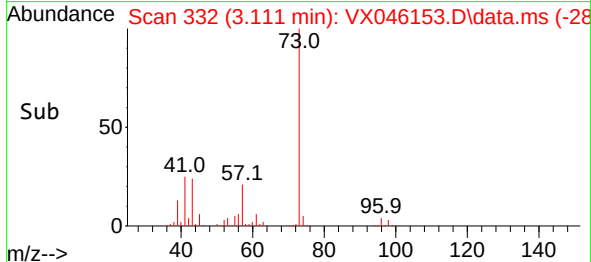
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 20995
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

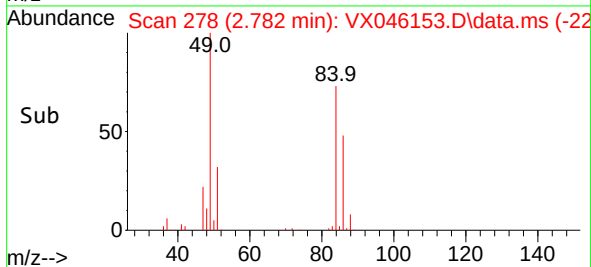
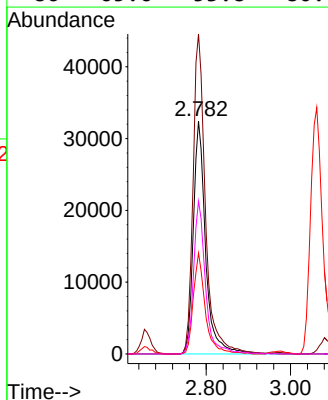
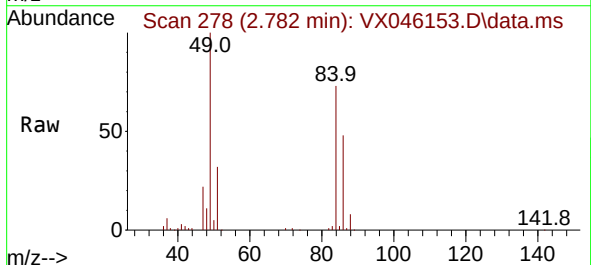
Manual Integrations
APPROVED

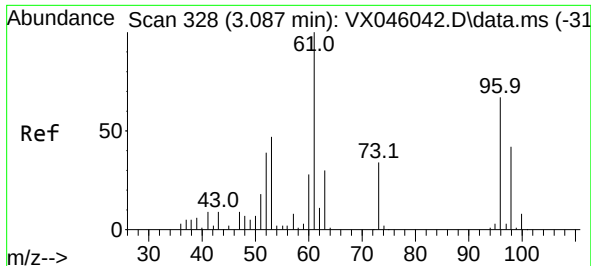
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#20
Methylene Chloride
Concen: 46.617 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

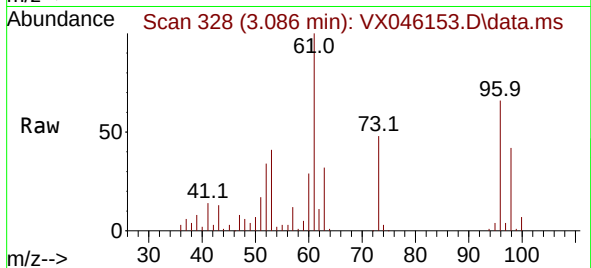
Tgt Ion: 84 Resp: 65777
Ion Ratio Lower Upper
84 100
49 137.4 113.9 170.9
51 43.4 33.5 50.3
86 65.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 49.427 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

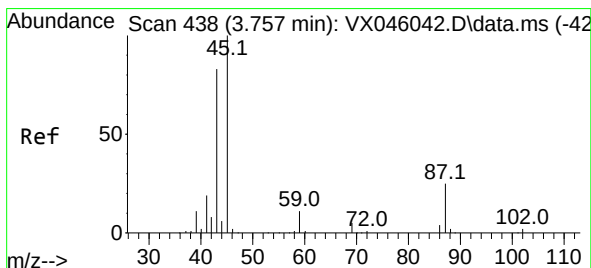
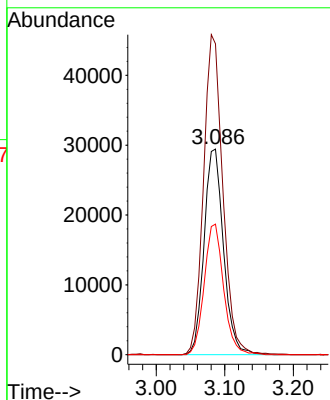
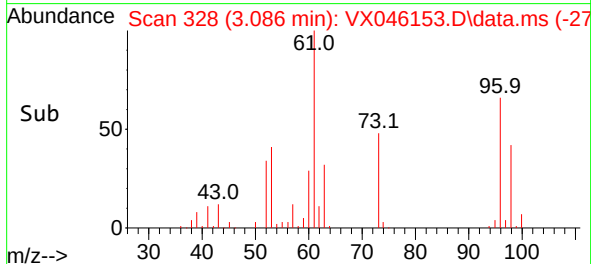
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5805
Ion Ratio Lower Upper
96 100
61 151.2 119.5 179.3
98 63.5 50.0 75.0

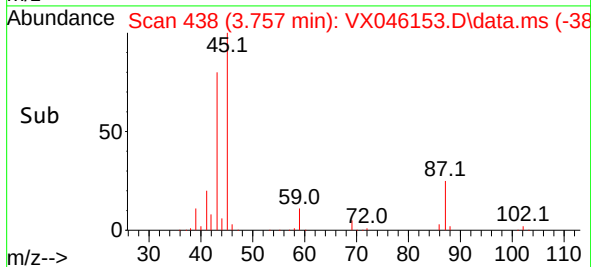
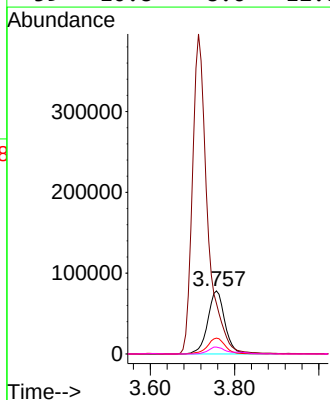
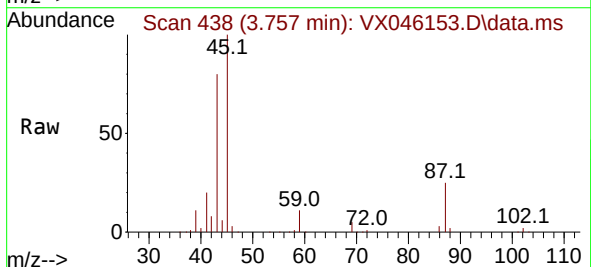
Manual Integrations
APPROVED

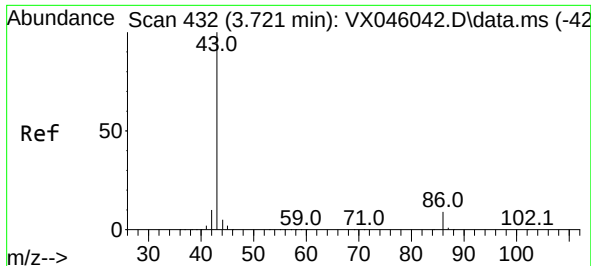
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#22
Diisopropyl ether
Concen: 51.279 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

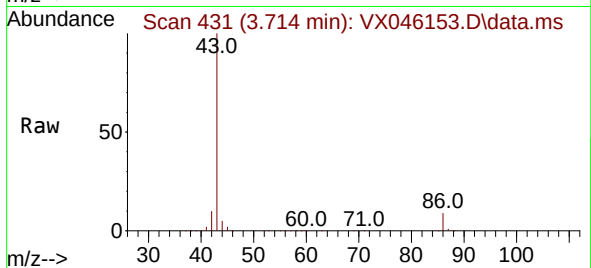
Tgt Ion: 45 Resp: 221111
Ion Ratio Lower Upper
45 100
43 80.2 66.6 100.0
87 25.2 19.8 29.6
59 10.8 8.6 12.8





#23
 Vinyl Acetate
 Concen: 259.937 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX046153.D
 Acq: 13 May 2025 10:00

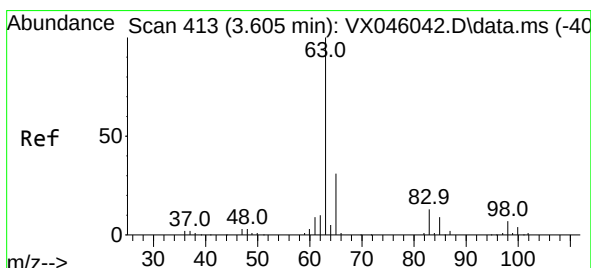
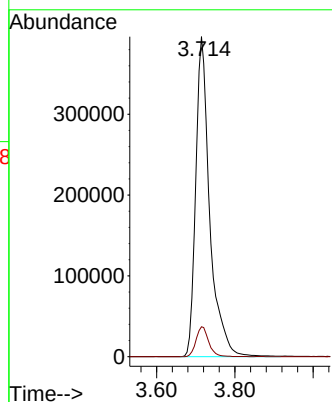
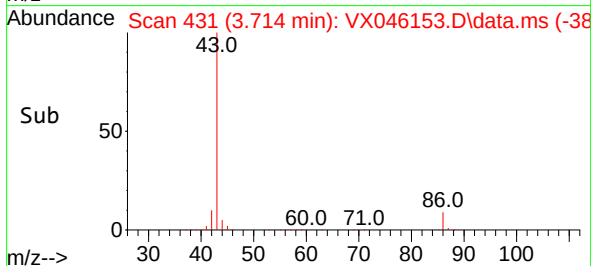
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 985800
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

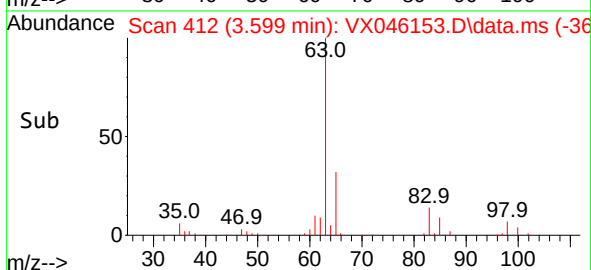
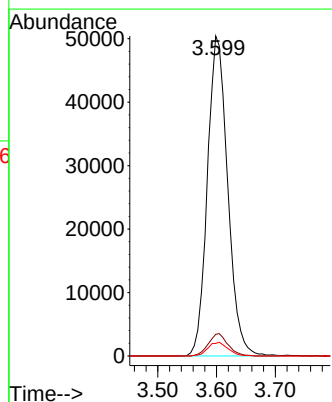
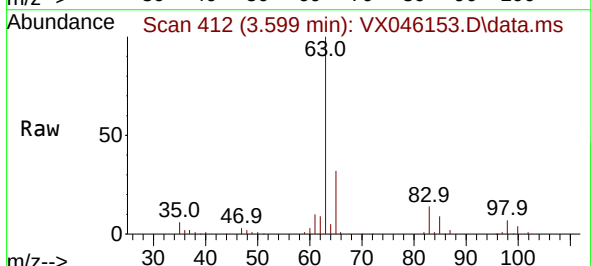
Manual Integrations
 APPROVED

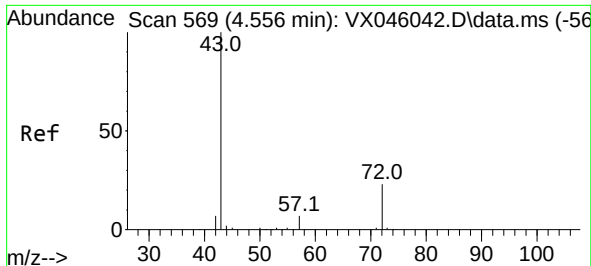
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#24
 1,1-Dichloroethane
 Concen: 50.473 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.007 min
 Lab File: VX046153.D
 Acq: 13 May 2025 10:00

Tgt Ion: 63 Resp: 121218
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 3.9 2.1 6.3





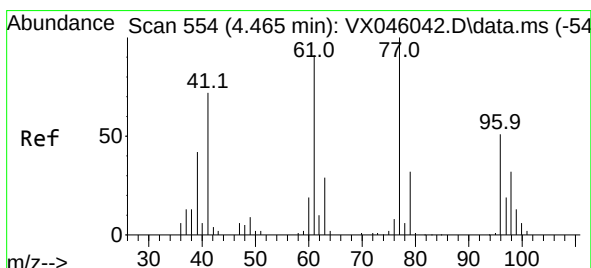
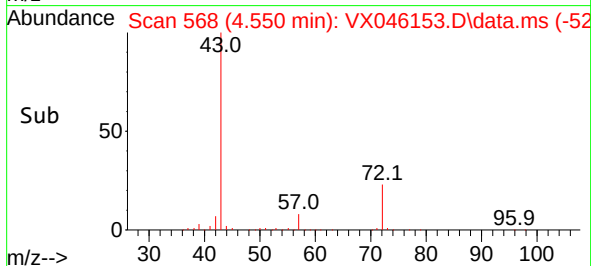
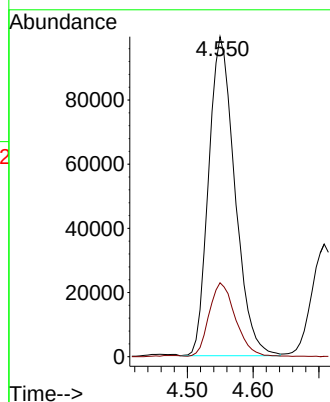
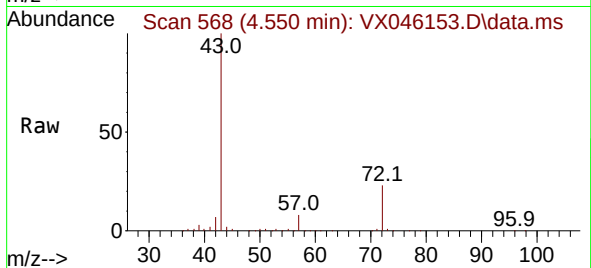
#25
2-Butanone
Concen: 258.541 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 276370
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6

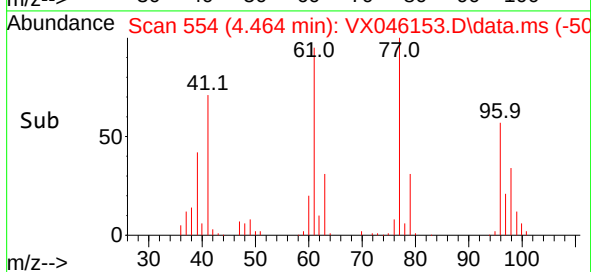
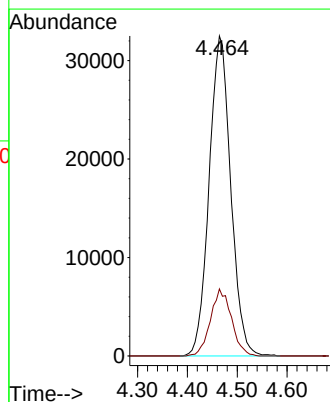
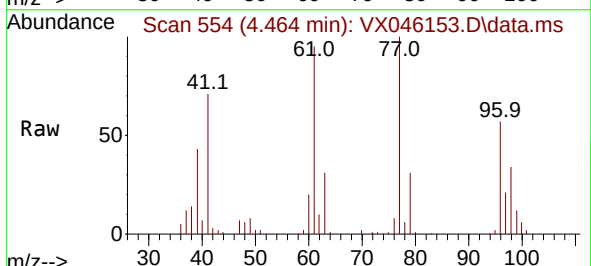
Manual Integrations
APPROVED

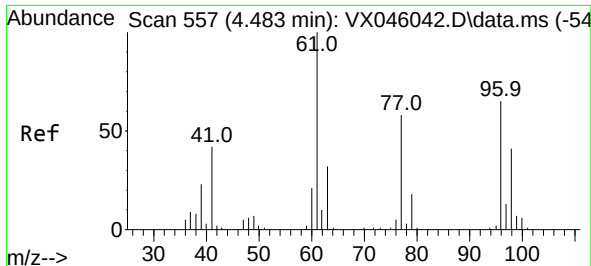
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#26
2,2-Dichloropropane
Concen: 52.058 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion: 77 Resp: 97857
Ion Ratio Lower Upper
77 100
97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 49.788 ug/l

RT: 4.476 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7040

Ion Ratio Lower Upper

96 100

61 161.8 0.0 322.8

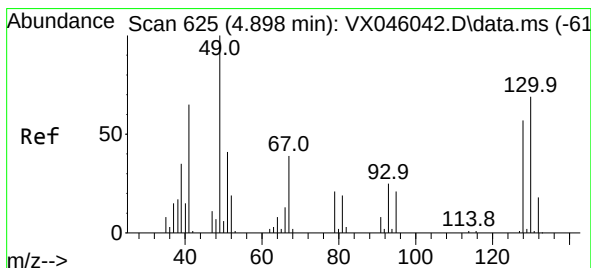
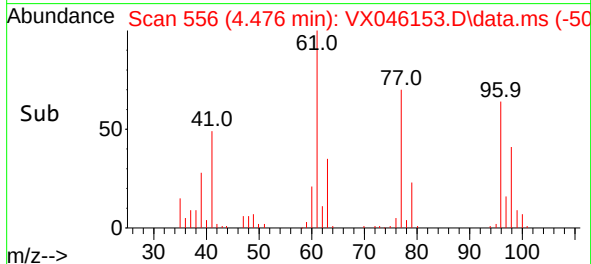
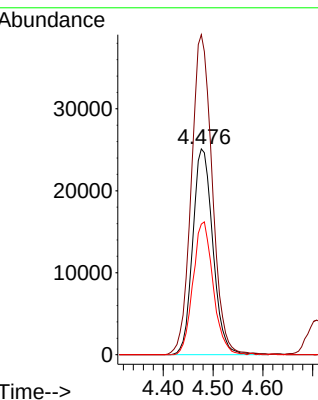
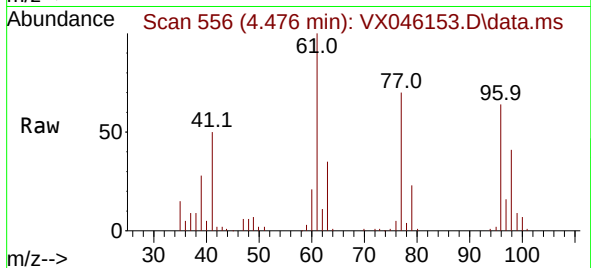
98 64.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#28

Bromochloromethane

Concen: 52.554 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.013 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

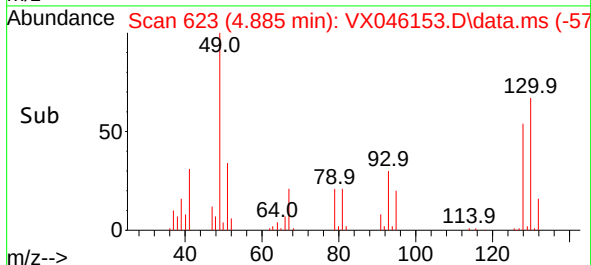
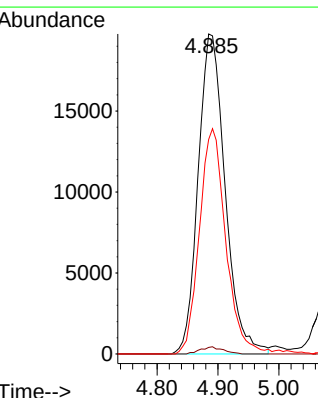
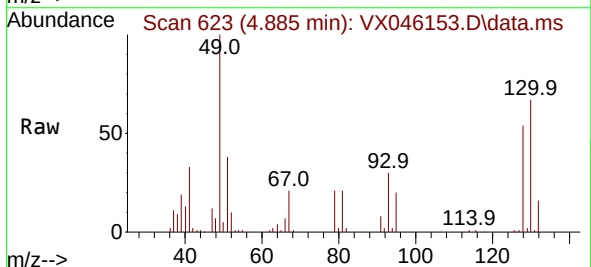
Tgt Ion: 49 Resp: 60754

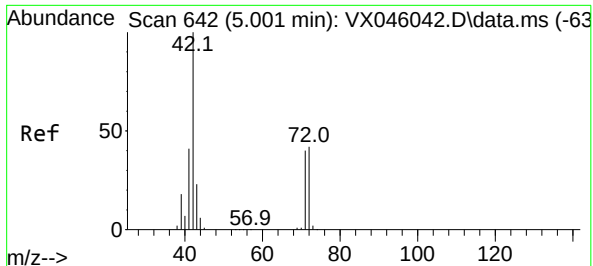
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 68.8 56.2 84.2





#29

Tetrahydrofuran

Concen: 252.509 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 169140

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

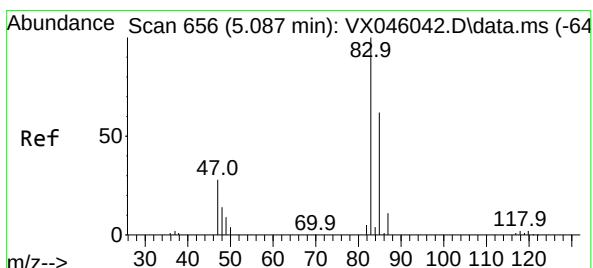
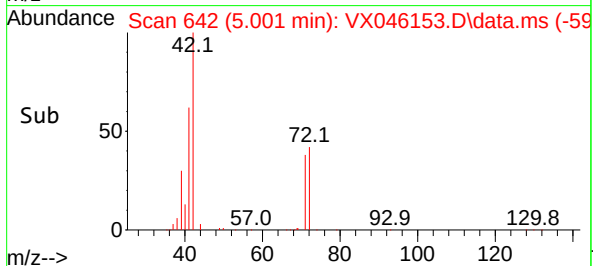
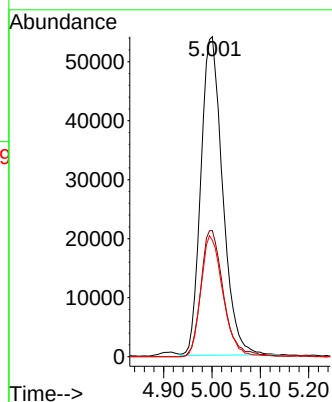
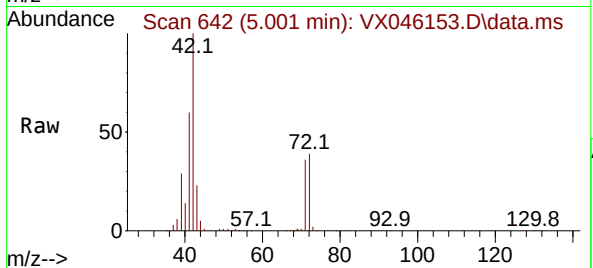
71 38.4 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#30

Chloroform

Concen: 51.150 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.007 min

Lab File: VX046153.D

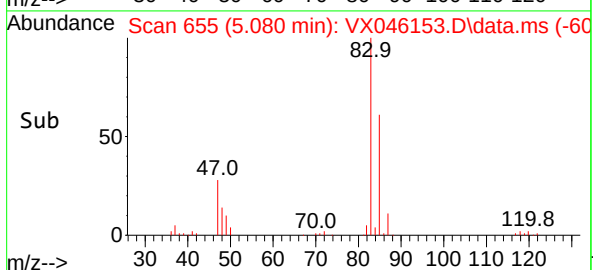
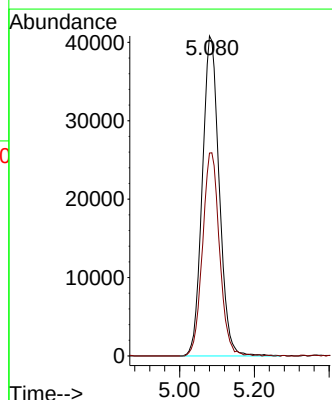
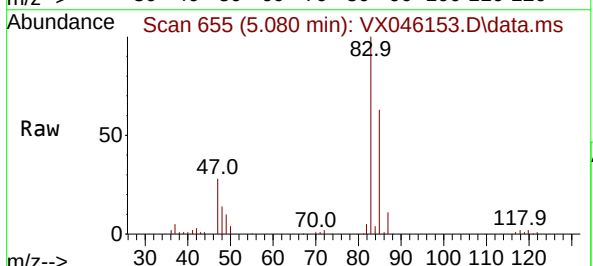
Acq: 13 May 2025 10:00

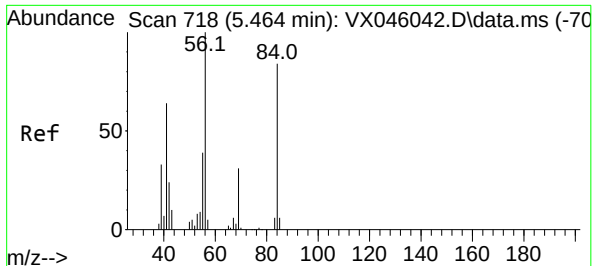
Tgt Ion: 83 Resp: 128041

Ion Ratio Lower Upper

83 100

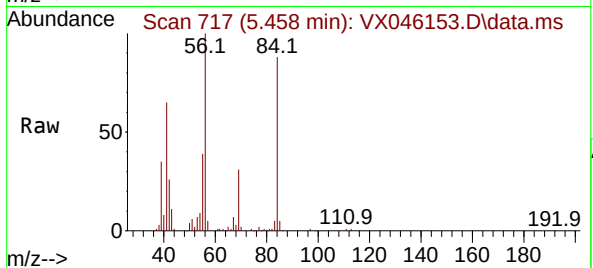
85 63.4 49.3 73.9





#31
Cyclohexane
Concen: 48.684 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

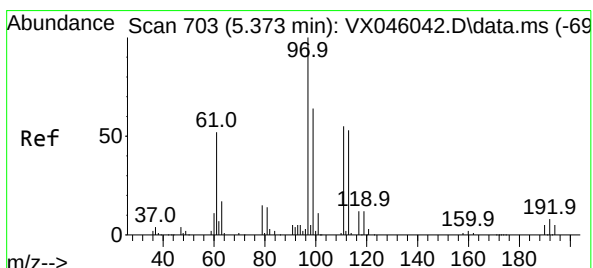
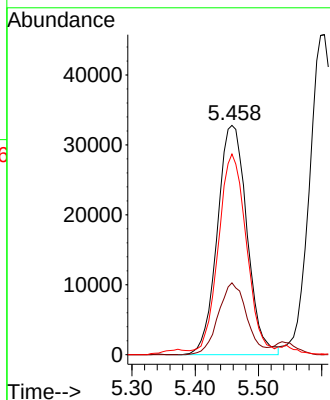
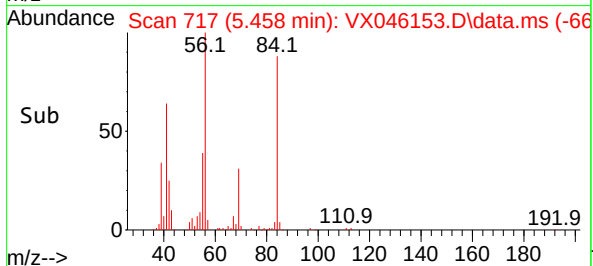
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 106549
Ion Ratio Lower Upper
56 100
69 31.3 24.4 36.6
84 85.1 66.9 100.3

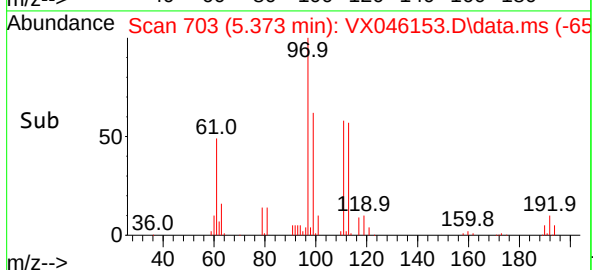
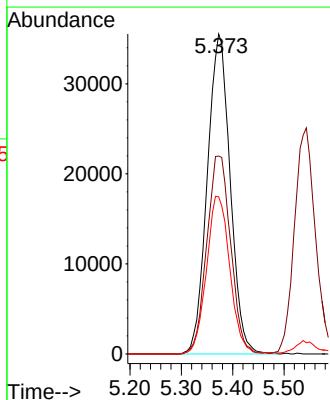
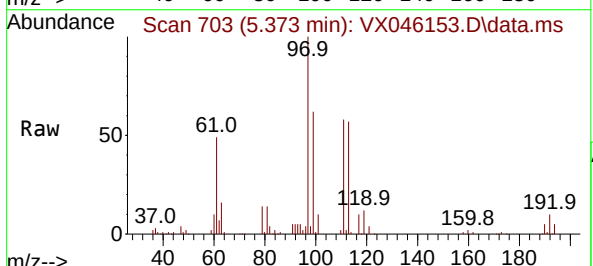
Manual Integrations
APPROVED

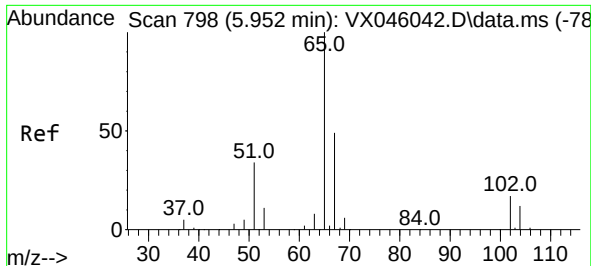
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#32
1,1,1-Trichloroethane
Concen: 50.711 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion: 97 Resp: 110040
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 50.3 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 48.218 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.007 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8854

Ion Ratio Lower Upper

65 100

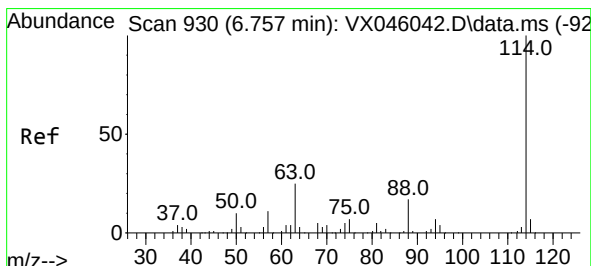
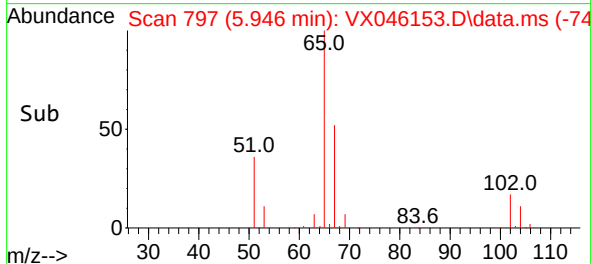
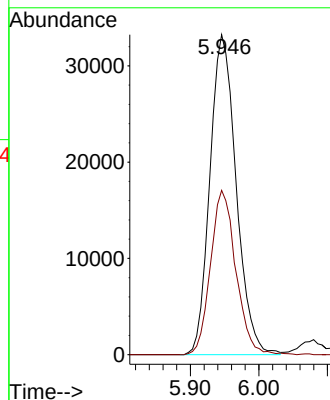
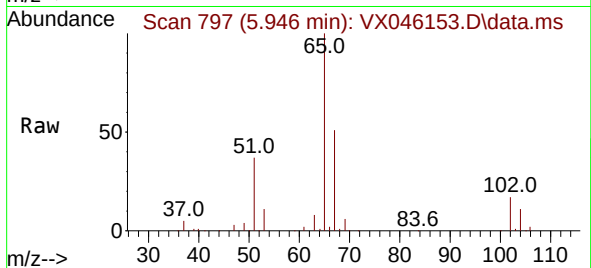
67 49.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. -0.007 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

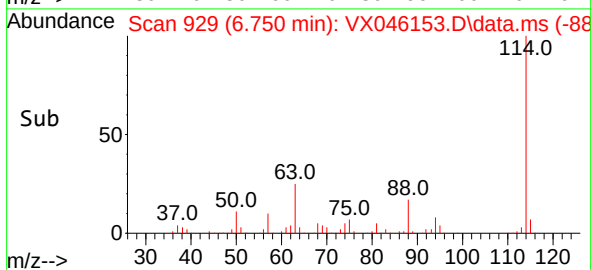
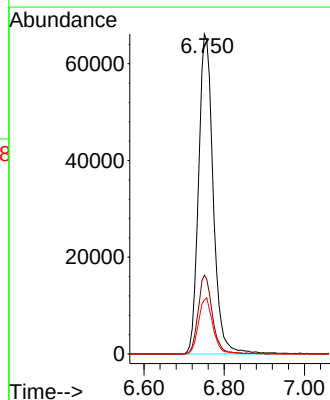
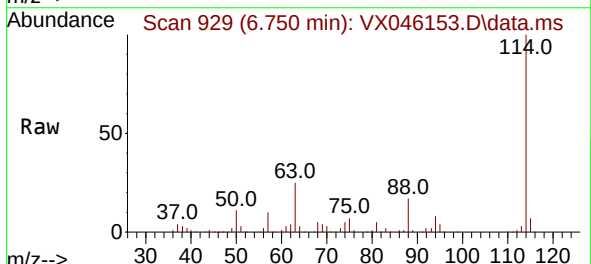
Tgt Ion:114 Resp: 167387

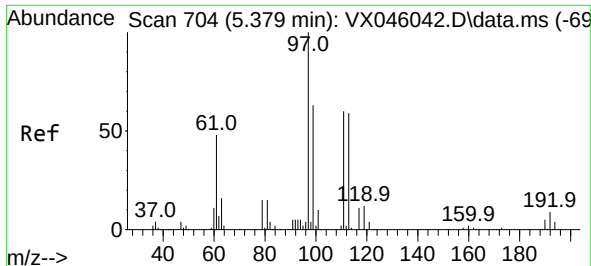
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

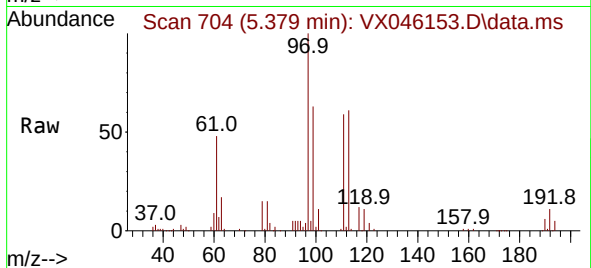
88 16.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.505 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

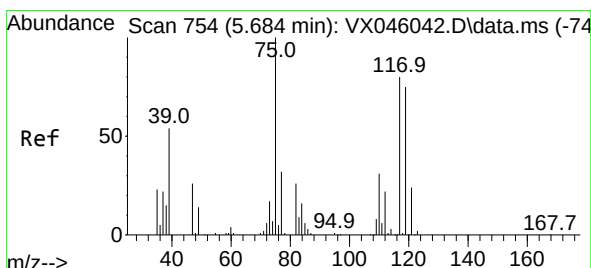
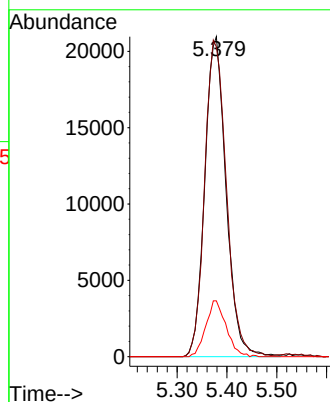
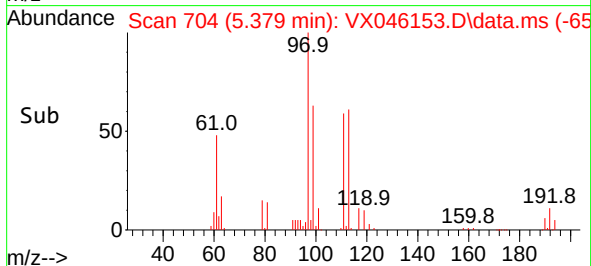
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 6208
Ion Ratio Lower Upper
113 100
111 100.9 83.1 124.7
192 16.8 13.3 19.9

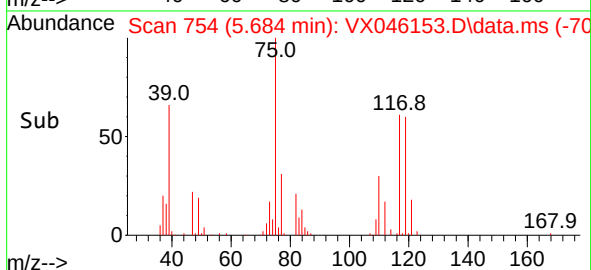
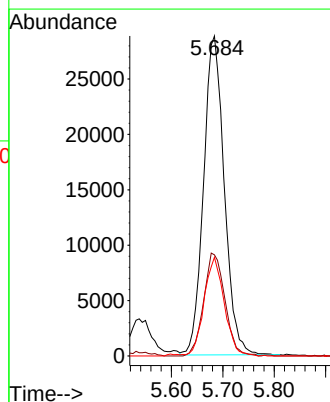
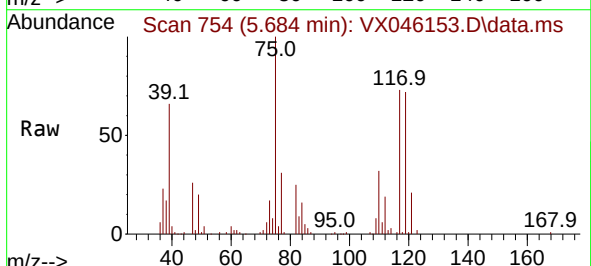
Manual Integrations
APPROVED

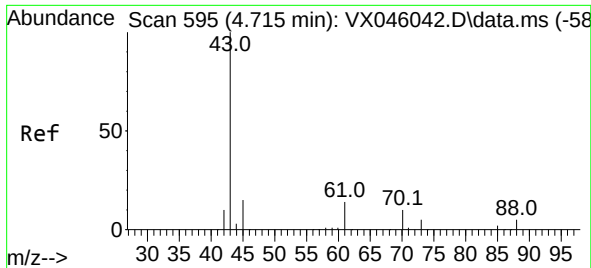
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#36
1,1-Dichloropropene
Concen: 49.767 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

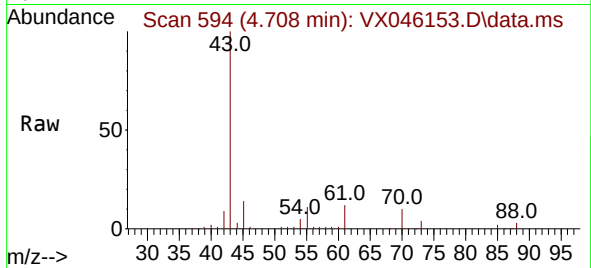
Tgt Ion: 75 Resp: 80599
Ion Ratio Lower Upper
75 100
110 33.0 16.3 48.9
77 30.2 24.3 36.5





#37
Ethyl Acetate
Concen: 50.711 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

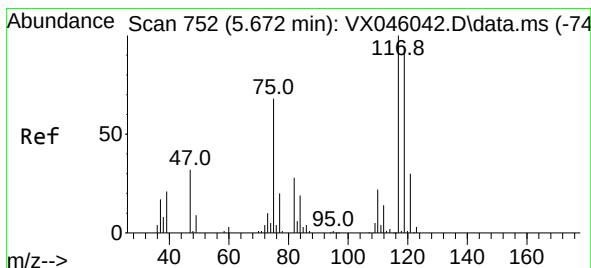
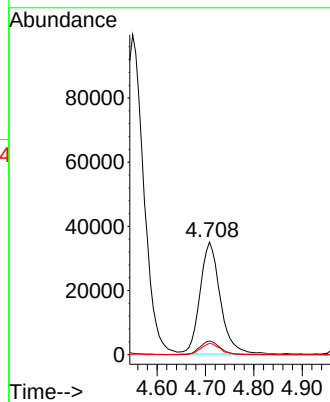
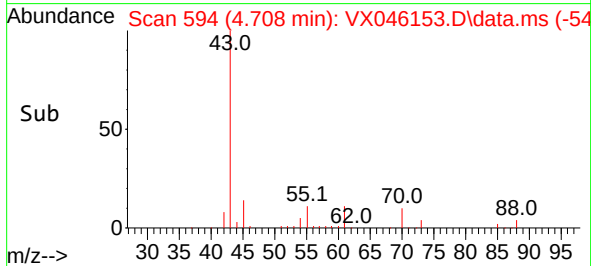
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101469
Ion Ratio Lower Upper
43 100
61 12.2 10.3 15.5
70 9.6 7.9 11.9

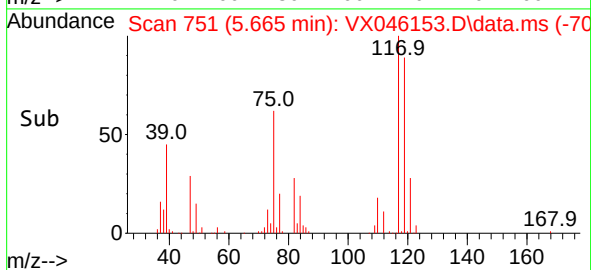
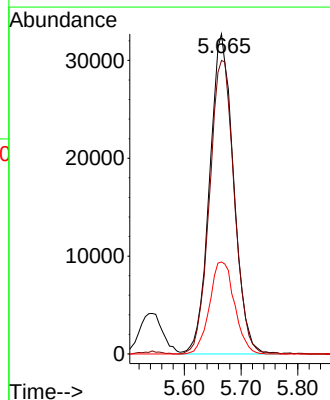
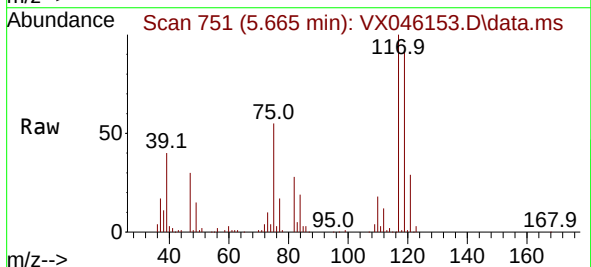
Manual Integrations
APPROVED

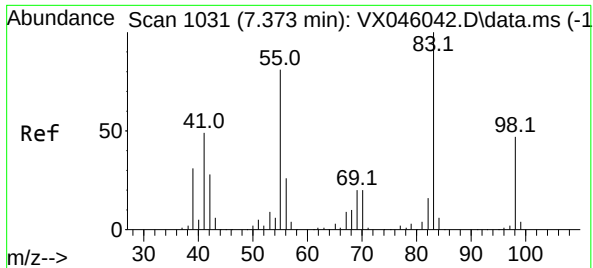
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#38
Carbon Tetrachloride
Concen: 52.757 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion:117 Resp: 96000
Ion Ratio Lower Upper
117 100
119 91.7 75.2 112.8
121 28.8 24.2 36.4





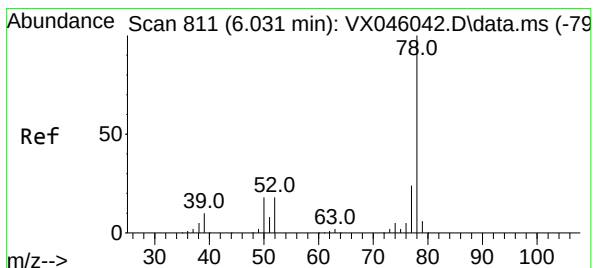
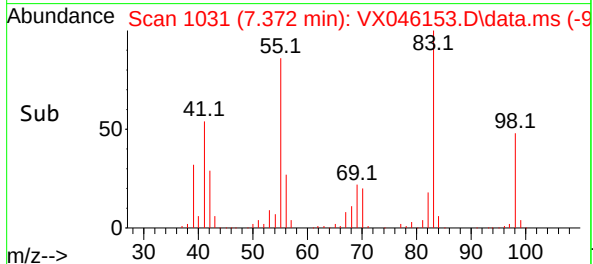
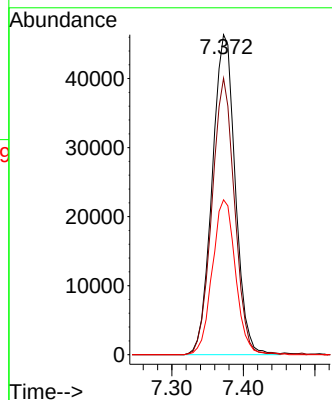
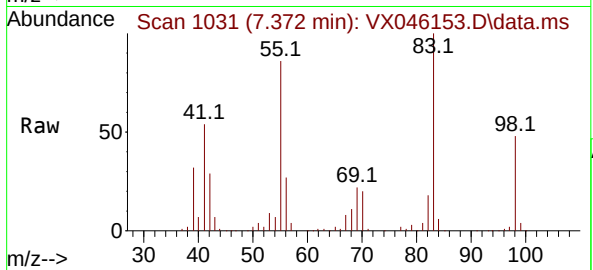
#39
Methylcyclohexane
Concen: 49.874 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10398
Ion Ratio Lower Upper
83 100
55 86.4 64.7 97.1
98 48.4 37.4 56.2

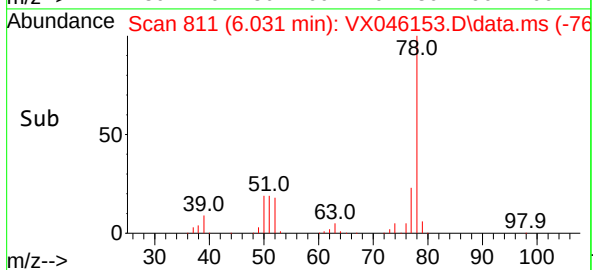
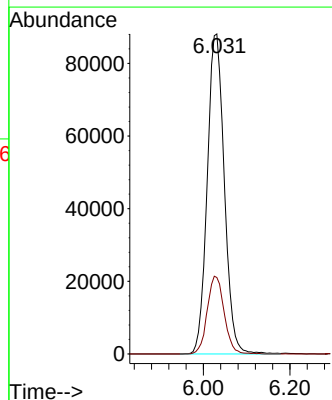
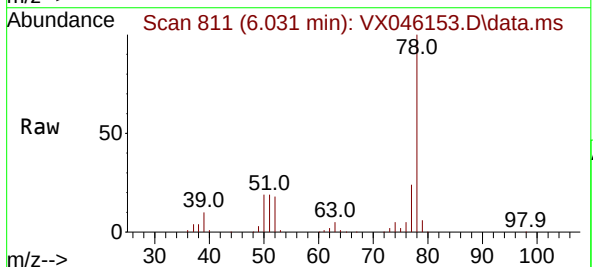
Manual Integrations
APPROVED

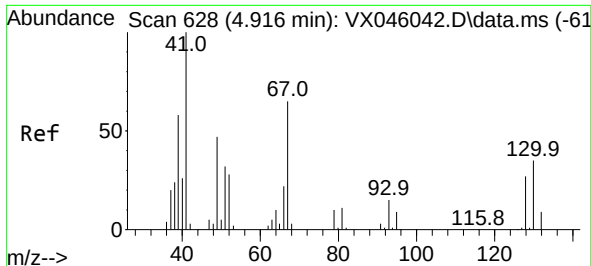
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#40
Benzene
Concen: 50.821 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

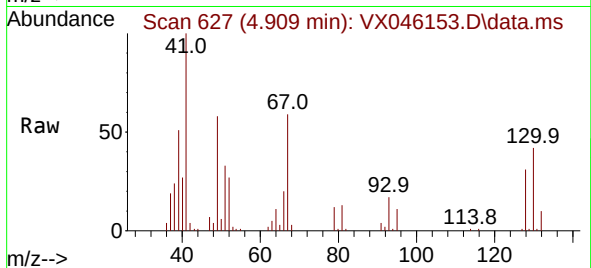
Tgt Ion: 78 Resp: 241084
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 55.803 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

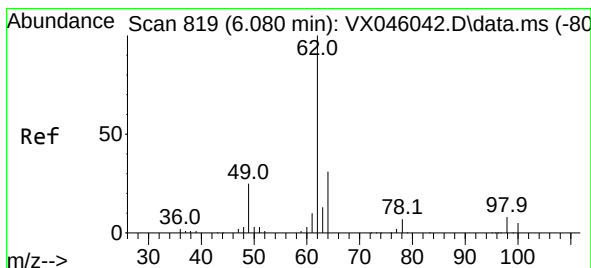
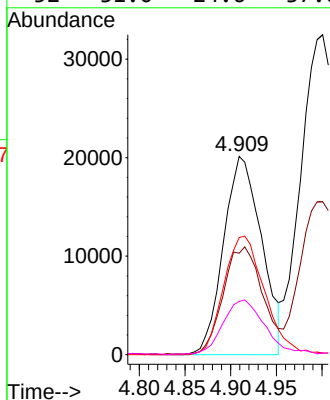
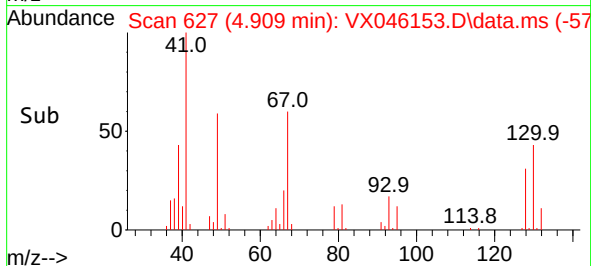
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 58409
Ion Ratio Lower Upper
41 100
39 56.9 47.2 70.8
67 64.8 50.7 76.1
52 31.0 24.6 37.0

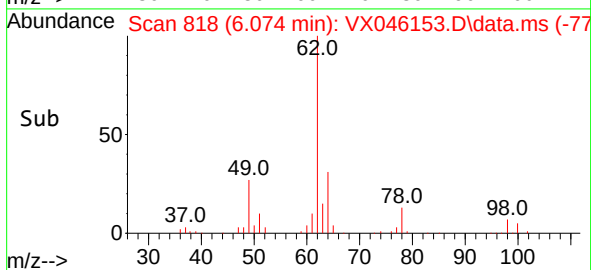
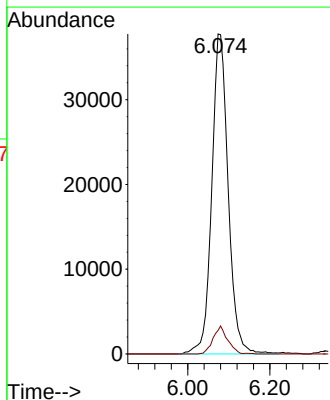
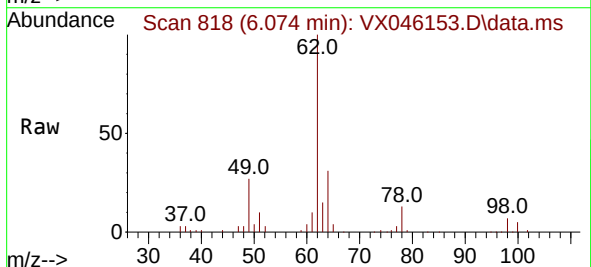
Manual Integrations
APPROVED

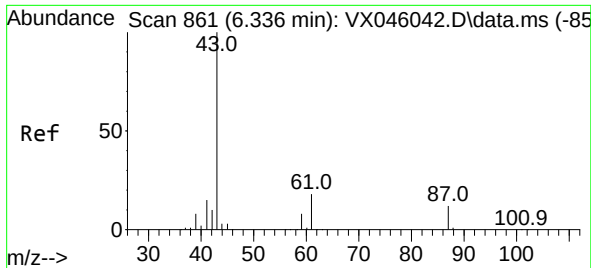
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#42
1,2-Dichloroethane
Concen: 51.108 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

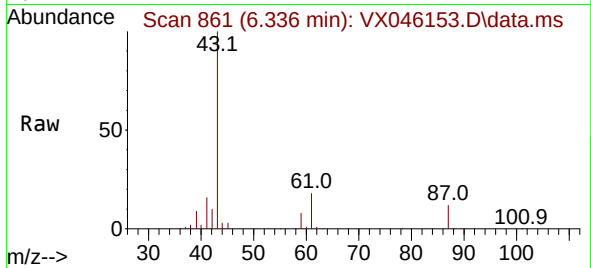
Tgt Ion: 62 Resp: 104637
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 52.712 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

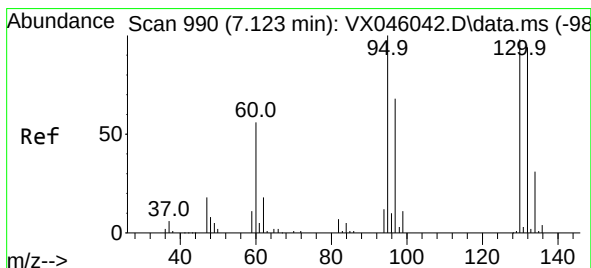
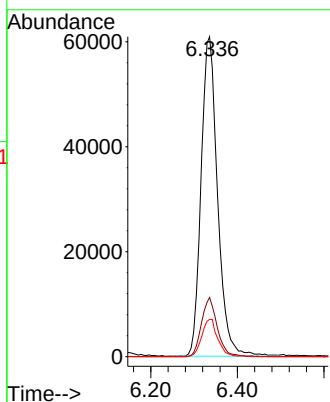
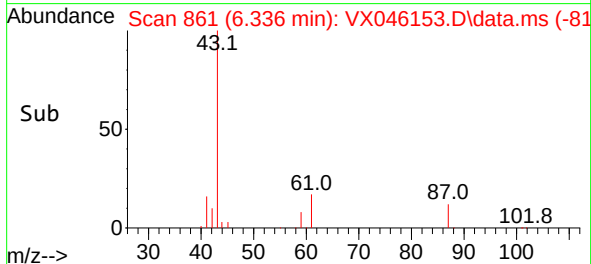
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



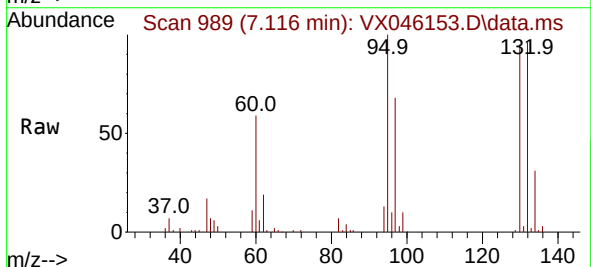
Tgt Ion: 43 Resp: 16090
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 11.3 9.5 14.3

Manual Integrations
APPROVED

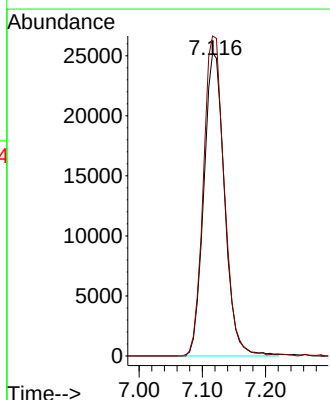
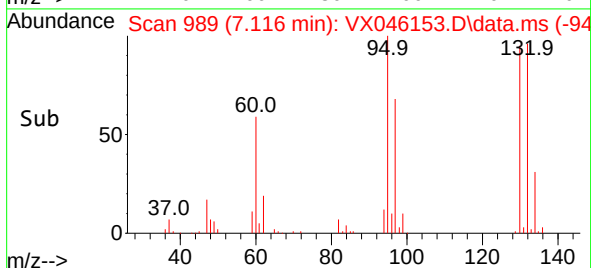
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

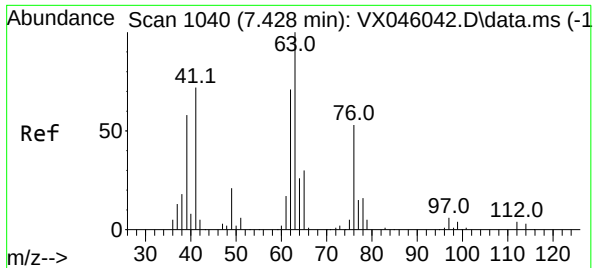


#44
Trichloroethene
Concen: 50.391 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



Tgt Ion:130 Resp: 57533
Ion Ratio Lower Upper
130 100
95 105.5 0.0 204.2





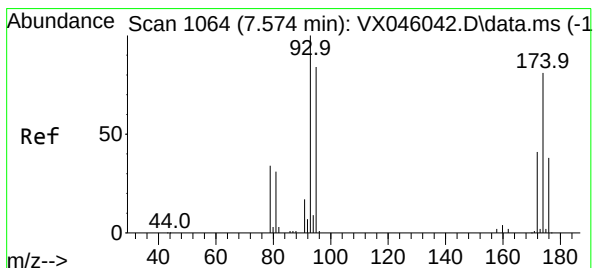
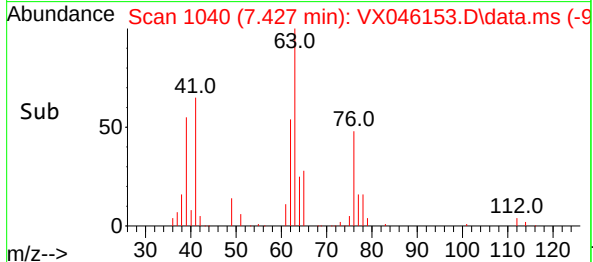
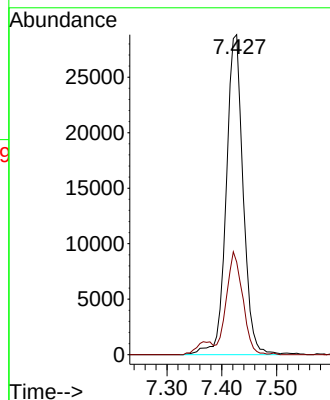
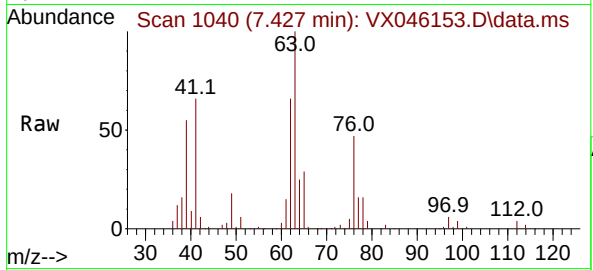
#45
1,2-Dichloropropane
Concen: 52.547 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6198
Ion Ratio Lower Upper
63 100
65 28.9 24.1 36.1

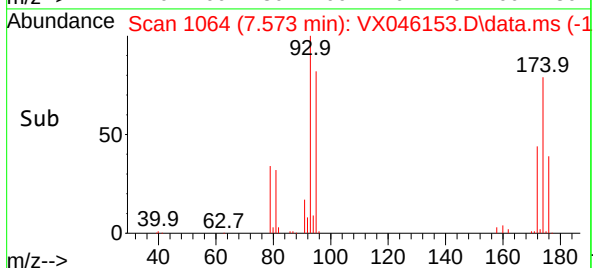
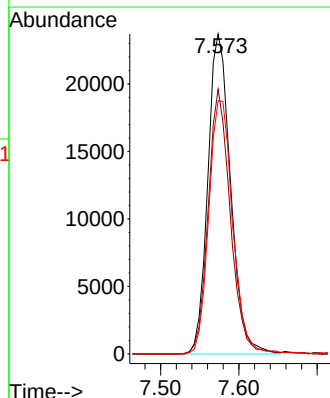
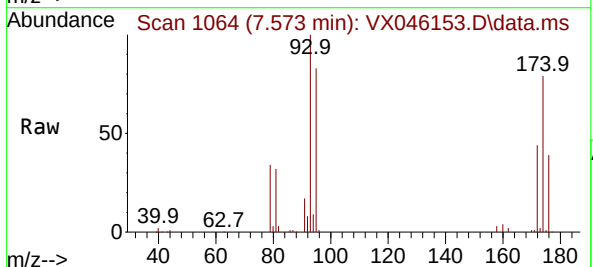
Manual Integrations
APPROVED

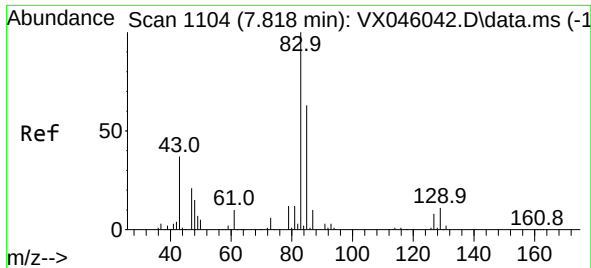
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#46
Dibromomethane
Concen: 51.357 ug/l
RT: 7.573 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion: 93 Resp: 47779
Ion Ratio Lower Upper
93 100
95 80.4 65.6 98.4
174 83.5 68.2 102.2





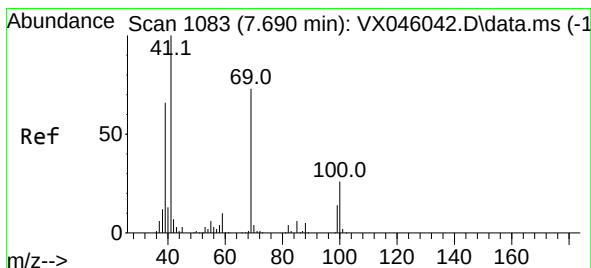
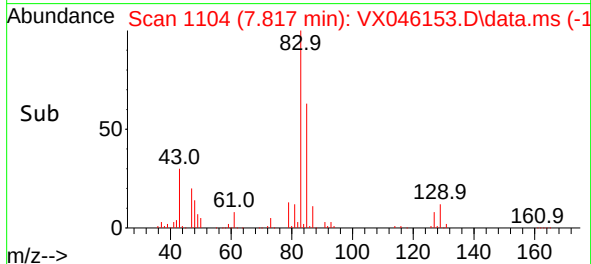
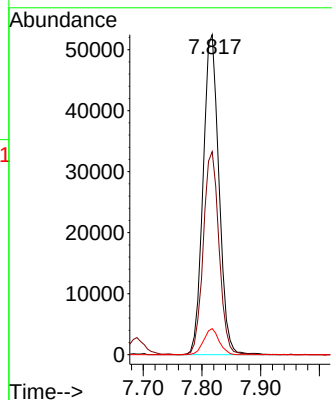
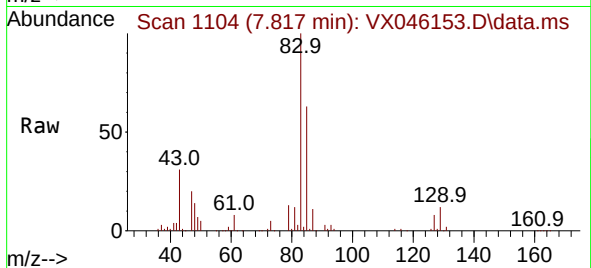
#47
Bromodichloromethane
Concen: 53.671 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 98344
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 8.2 6.5 9.7

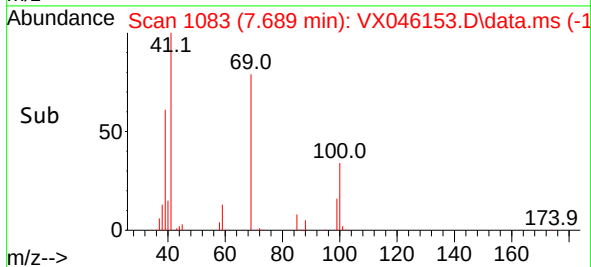
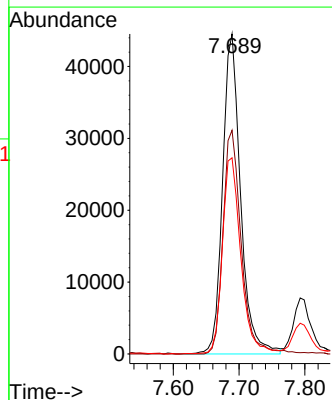
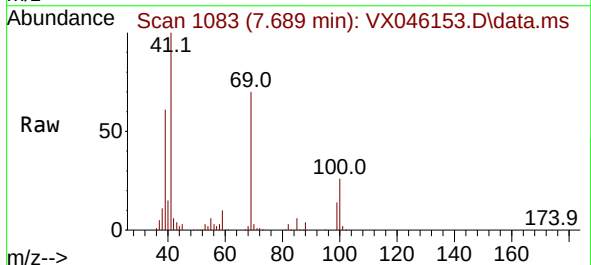
Manual Integrations
APPROVED

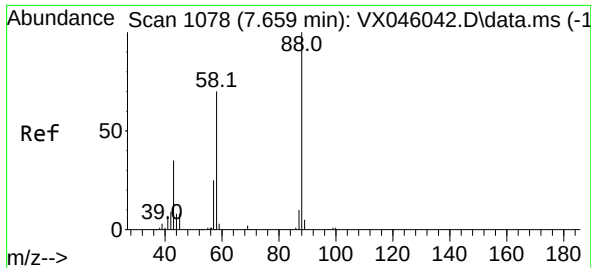
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#48
Methyl methacrylate
Concen: 54.412 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

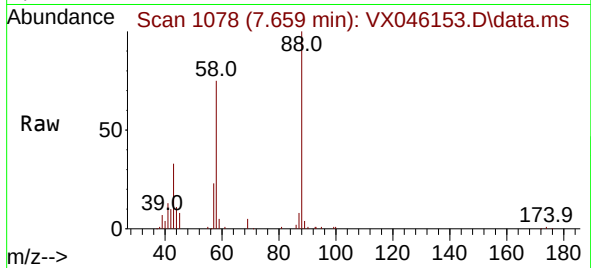
Tgt Ion: 41 Resp: 84825
Ion Ratio Lower Upper
41 100
69 70.8 58.5 87.7
39 62.6 51.7 77.5





#49
1,4-Dioxane
Concen: 1016.342 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

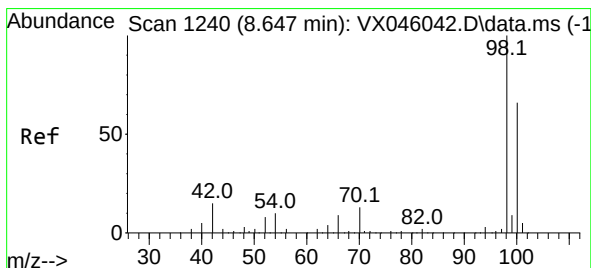
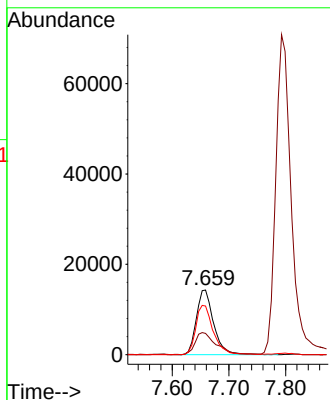
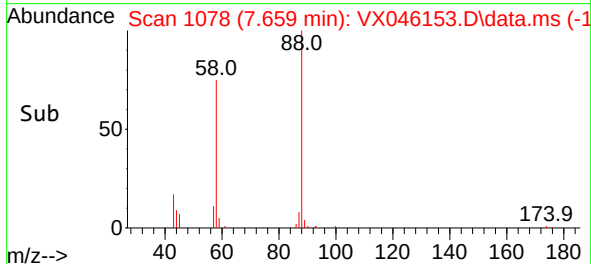
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 30084
Ion Ratio Lower Upper
88 100
43 42.3 33.4 50.2
58 77.3 58.6 88.0

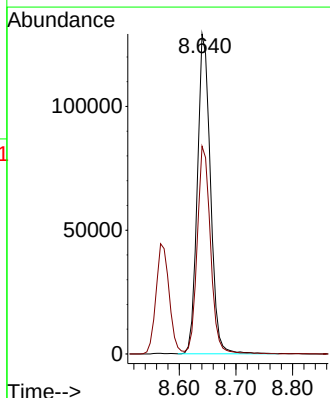
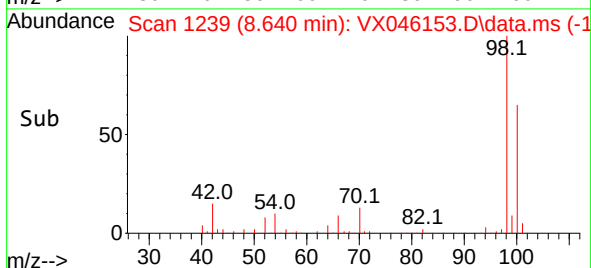
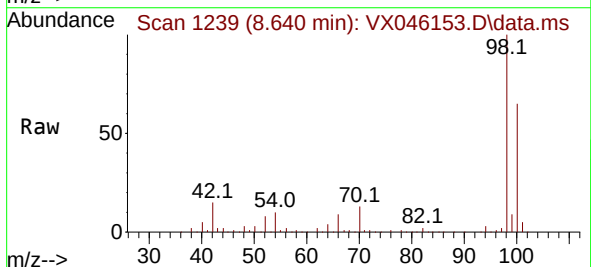
Manual Integrations
APPROVED

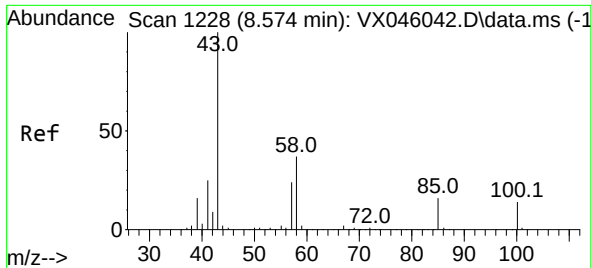
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#50
Toluene-d8
Concen: 49.588 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion: 98 Resp: 206879
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3





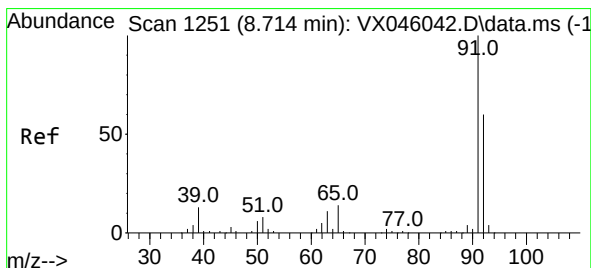
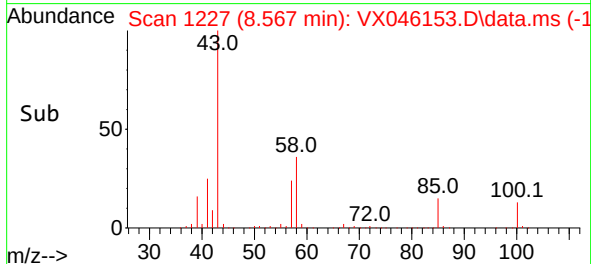
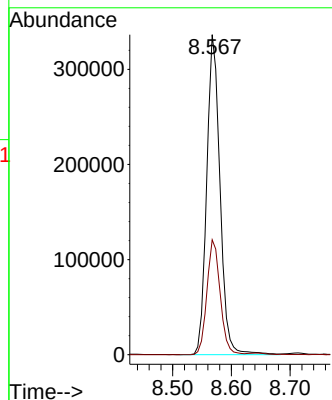
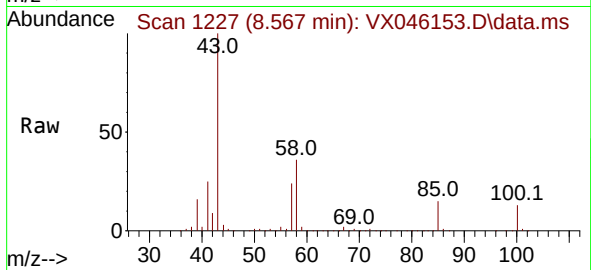
#51
4-Methyl-2-Pentanone
Concen: 261.030 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 528900
Ion Ratio Lower Upper
43 100
58 35.9 28.9 43.3

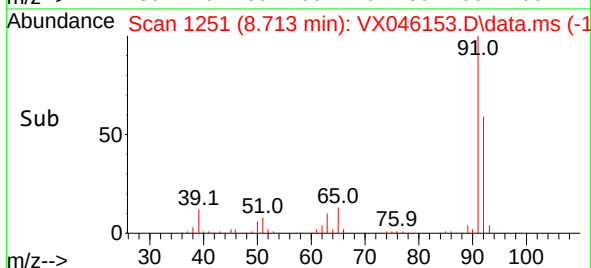
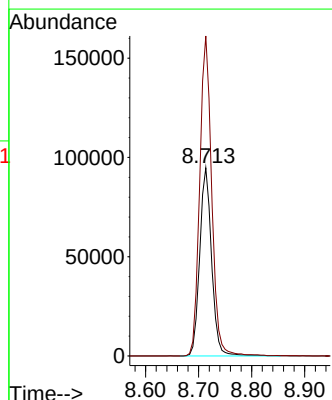
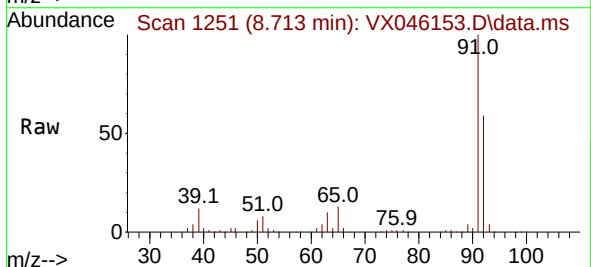
Manual Integrations
APPROVED

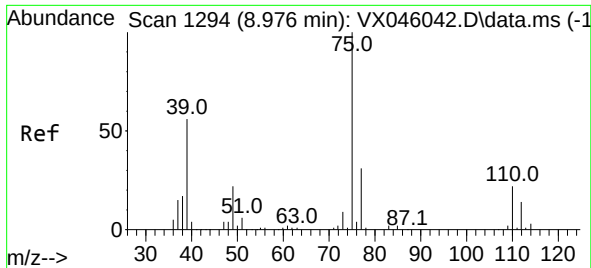
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#52
Toluene
Concen: 50.851 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

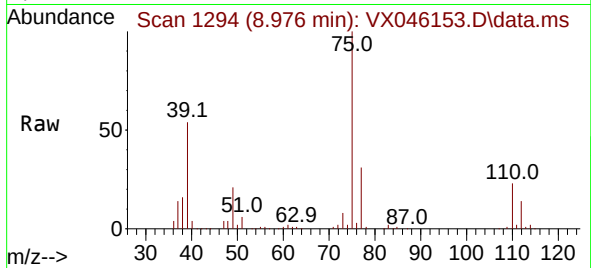
Tgt Ion: 92 Resp: 147915
Ion Ratio Lower Upper
92 100
91 171.9 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 54.650 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

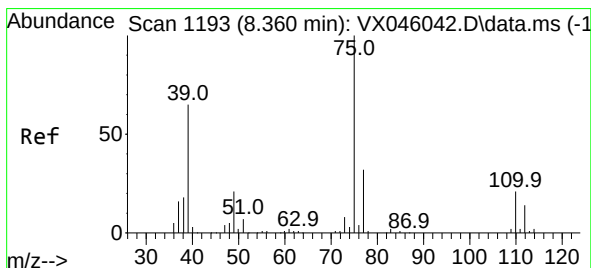
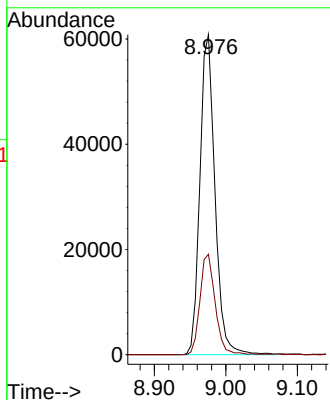
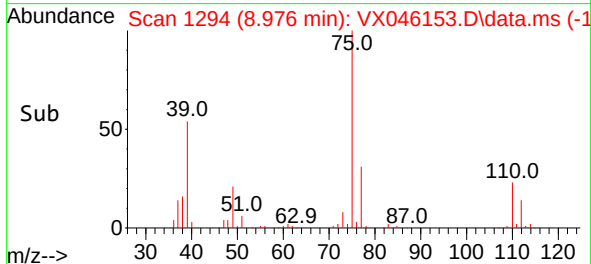
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8900
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

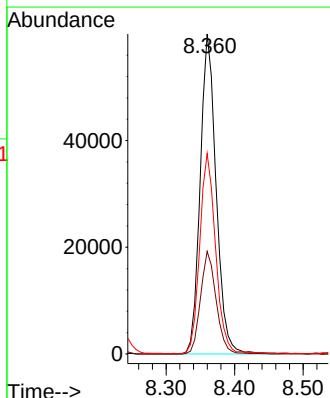
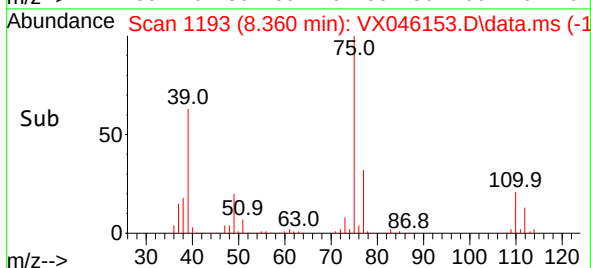
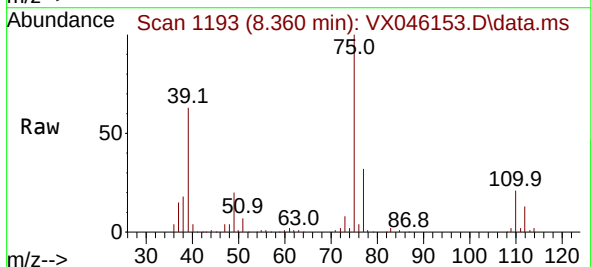
Manual Integrations
APPROVED

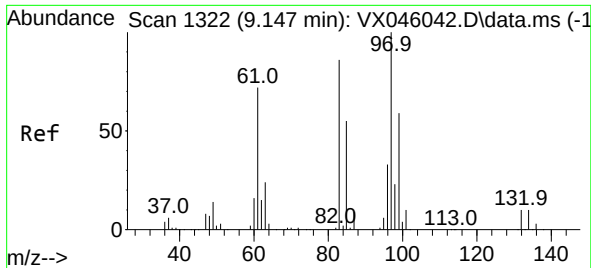
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#54
cis-1,3-Dichloropropene
Concen: 53.981 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

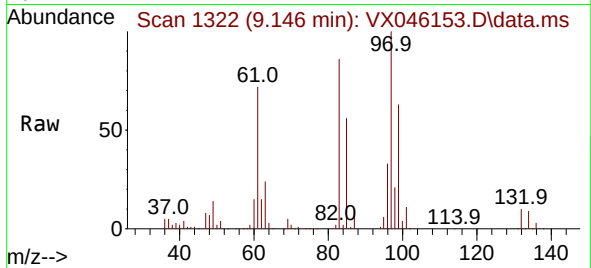
Tgt Ion: 75 Resp: 97171
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 62.5 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 51.177 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

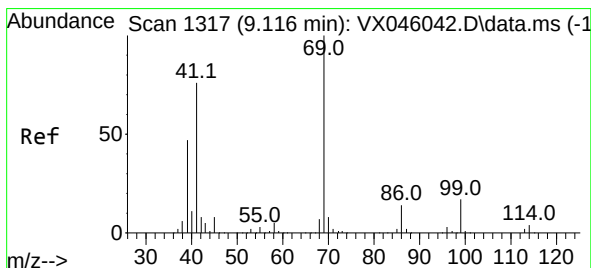
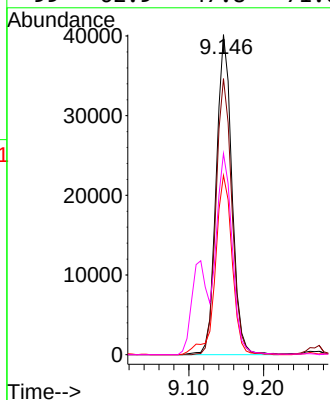
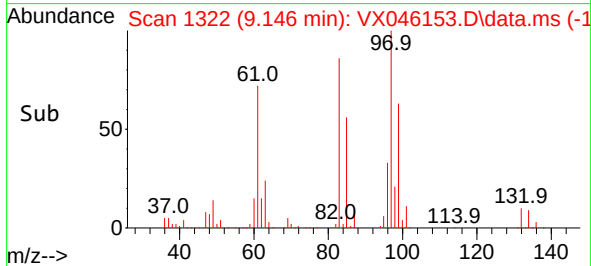
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.6
85	56.0	44.3	66.5
99	62.9	47.8	71.6

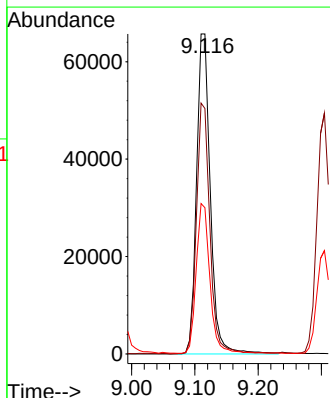
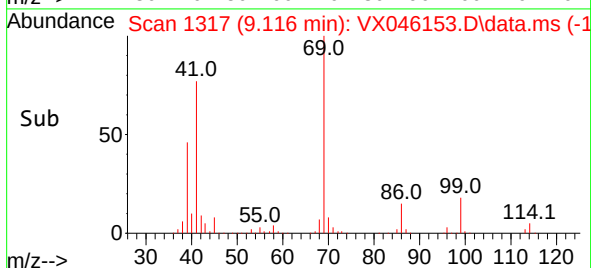
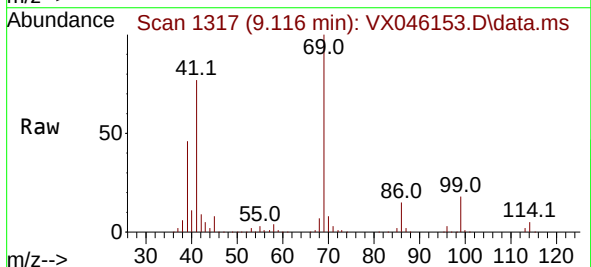
Manual Integrations
APPROVED

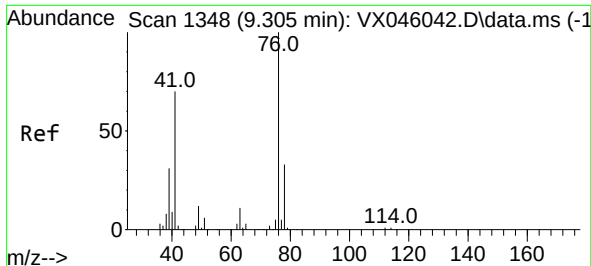
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#56
Ethyl methacrylate
Concen: 54.564 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.8	91.2
39	46.5	39.0	58.6





#57

1,3-Dichloropropane

Concen: 50.716 ug/l

RT: 9.305 min Scan# 11446

Delta R.T. -0.000 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10446

Ion Ratio Lower Upper

76 100

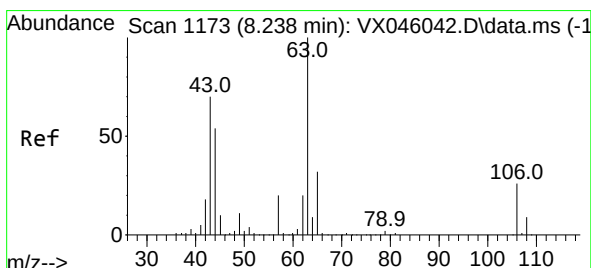
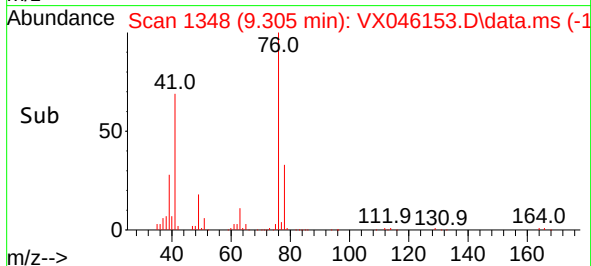
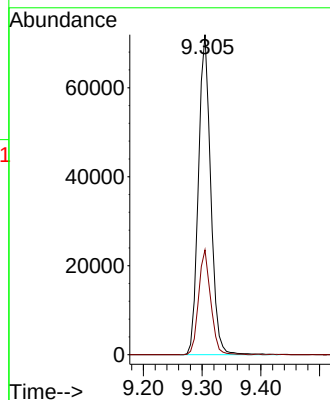
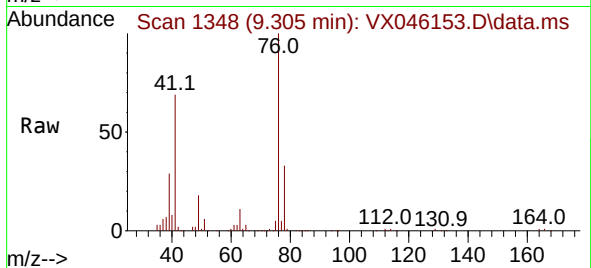
78 32.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 273.344 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046153.D

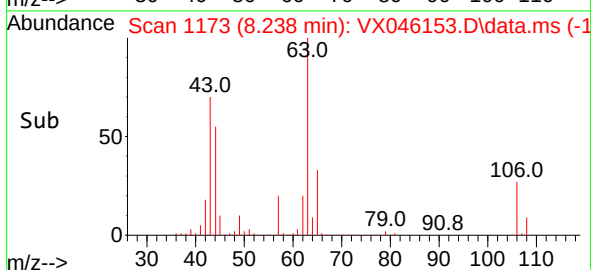
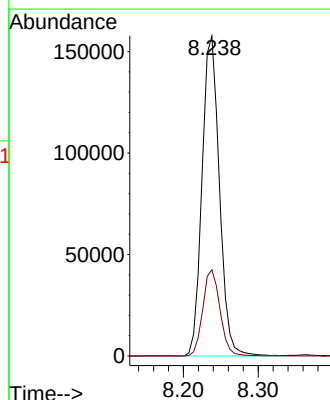
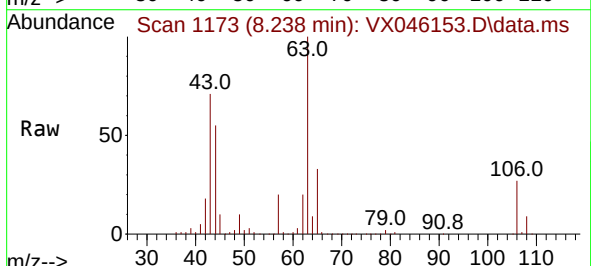
Acq: 13 May 2025 10:00

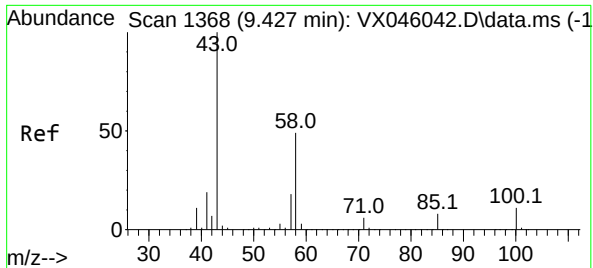
Tgt Ion: 63 Resp: 254739

Ion Ratio Lower Upper

63 100

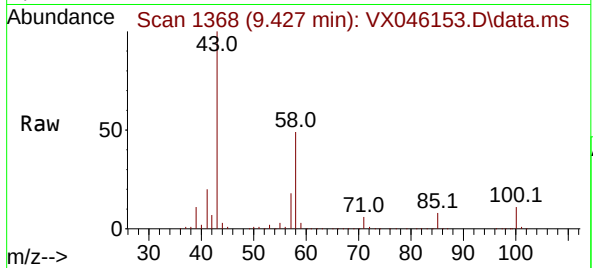
106 26.7 21.5 32.3





#59
2-Hexanone
Concen: 260.479 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

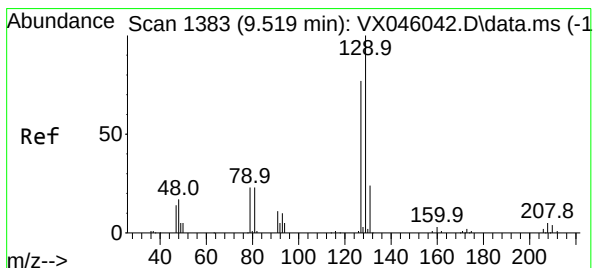
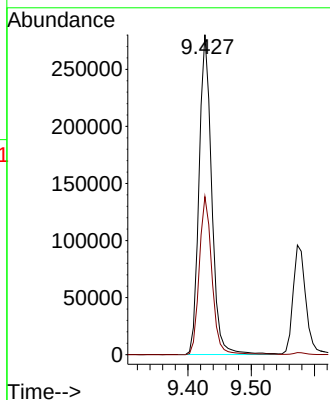
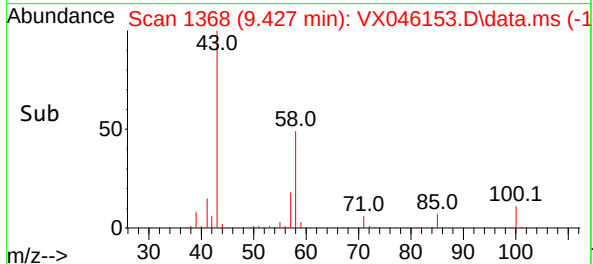
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 390477
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

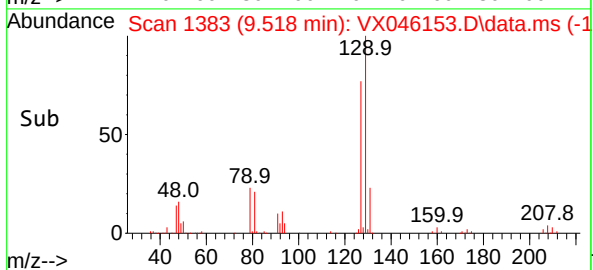
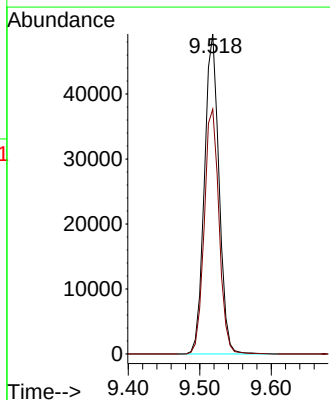
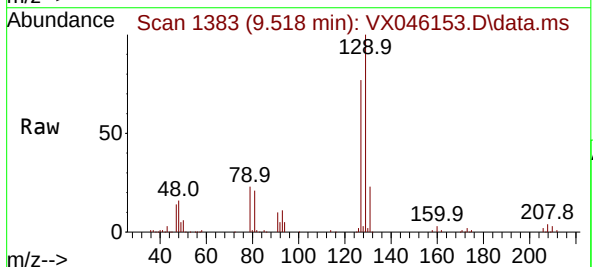
Manual Integrations
APPROVED

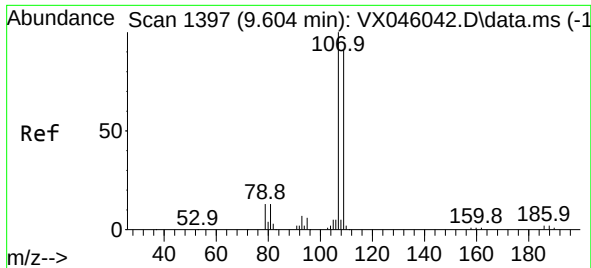
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#60
Dibromochloromethane
Concen: 55.484 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion:129 Resp: 69888
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





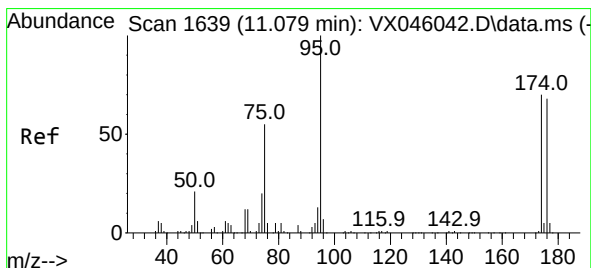
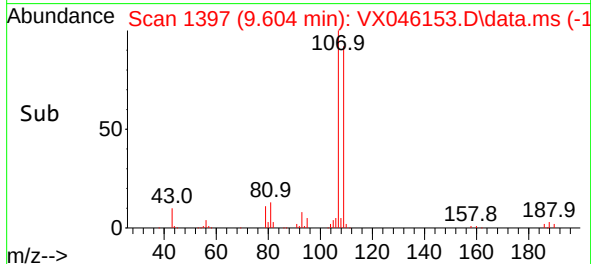
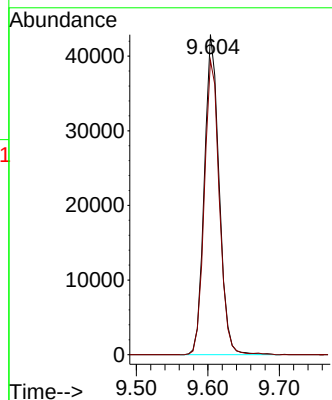
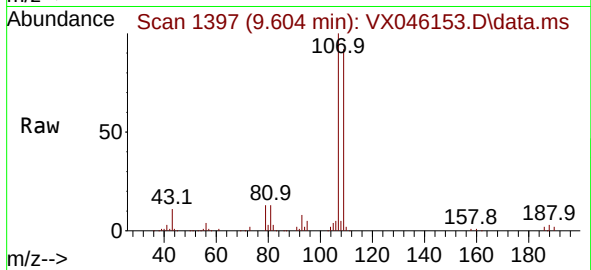
#61
1,2-Dibromoethane
Concen: 51.616 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 61530
Ion Ratio Lower Upper
107 100
109 93.6 73.3 109.9

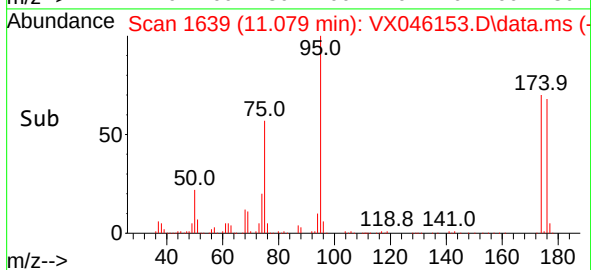
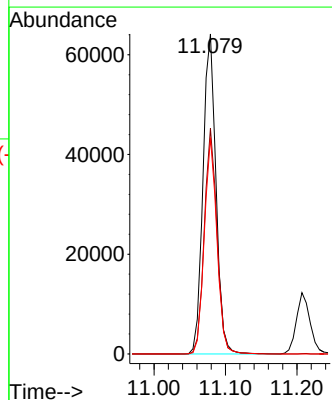
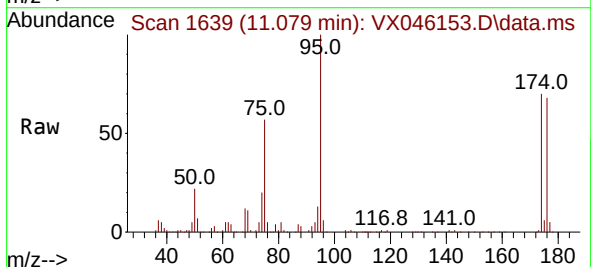
Manual Integrations
APPROVED

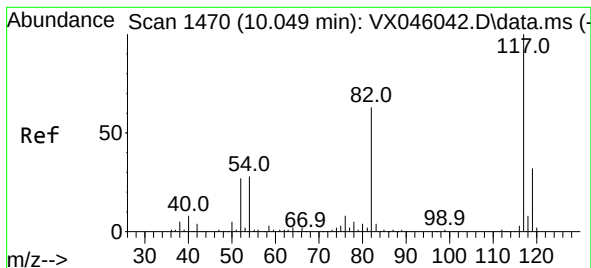
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#62
4-Bromofluorobenzene
Concen: 50.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

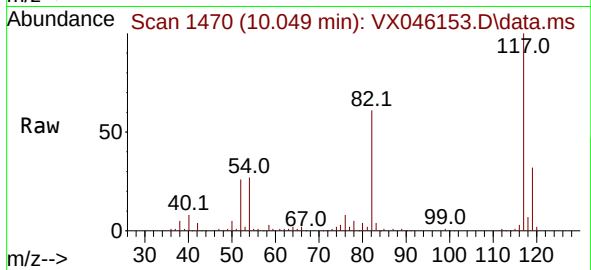
Tgt Ion: 95 Resp: 80981
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.8
176 65.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

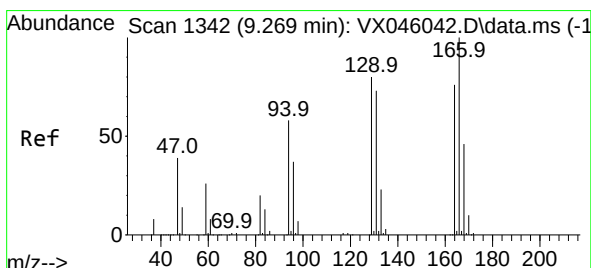
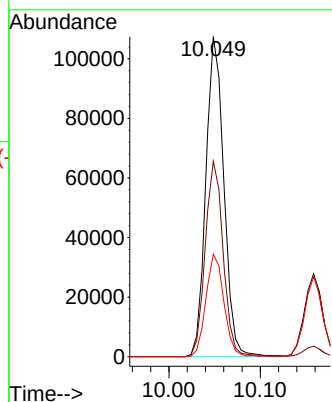
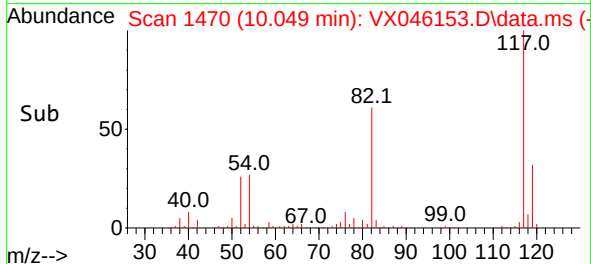
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 146749
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 32.1 25.8 38.6

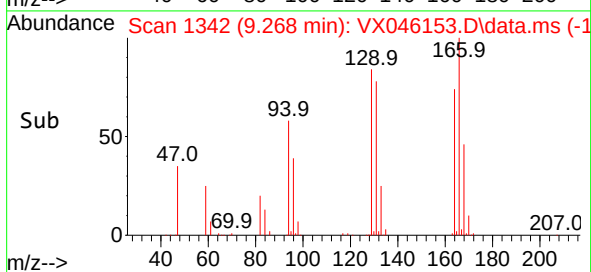
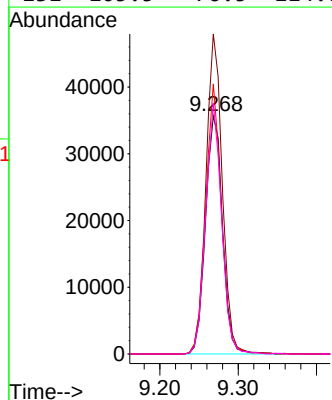
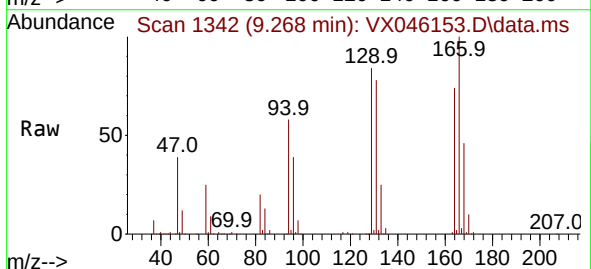
Manual Integrations
APPROVED

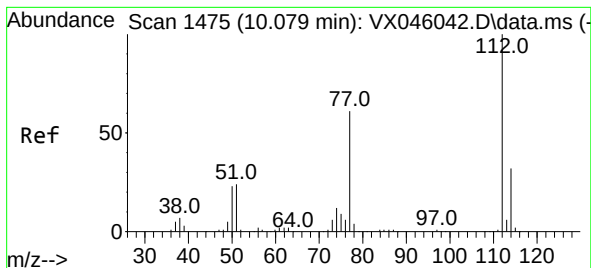
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#64
Tetrachloroethene
Concen: 51.953 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

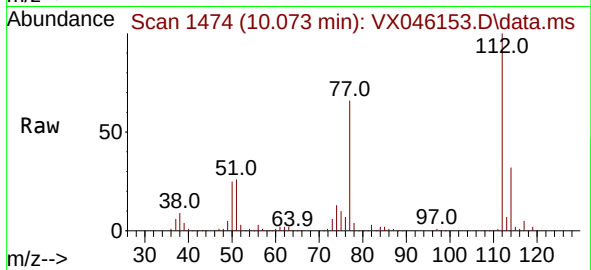
Tgt Ion:164 Resp: 53943
Ion Ratio Lower Upper
164 100
166 134.5 105.0 157.6
129 113.5 83.5 125.3
131 105.5 76.5 114.7





#65
Chlorobenzene
Concen: 49.867 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

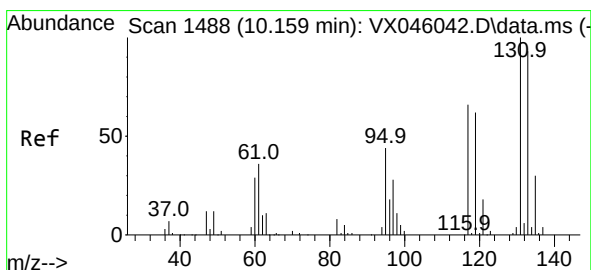
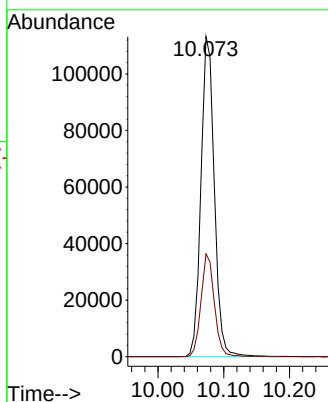
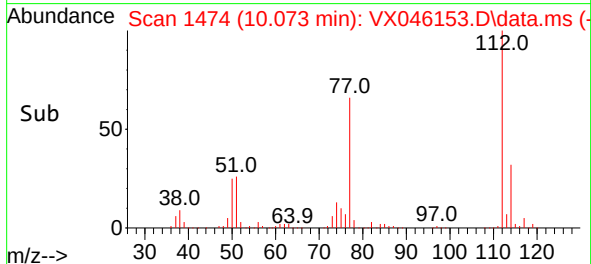
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 160170
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

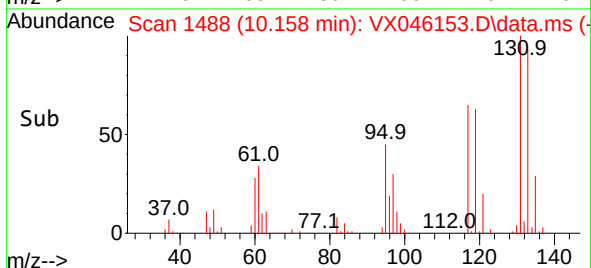
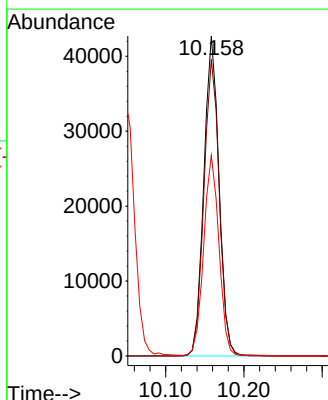
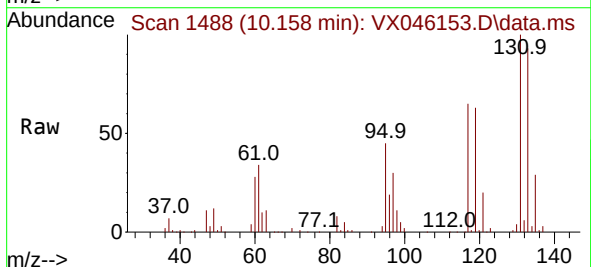
Manual Integrations
APPROVED

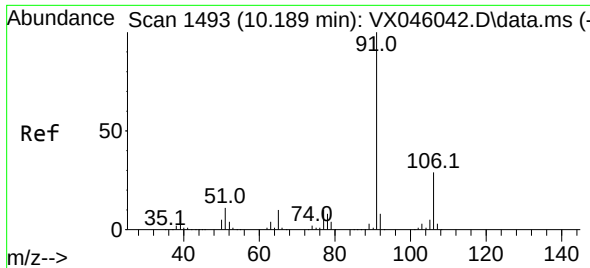
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.285 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

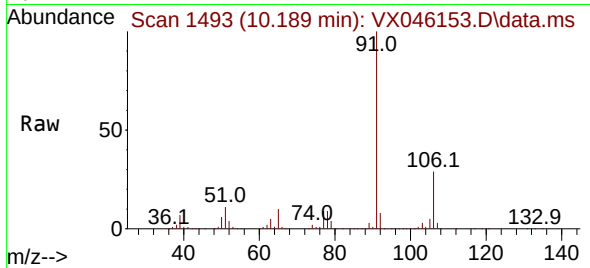
Tgt Ion:131 Resp: 57345
Ion Ratio Lower Upper
131 100
133 93.9 47.3 141.9
119 63.1 31.6 95.0





#67
Ethyl Benzene
Concen: 51.336 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

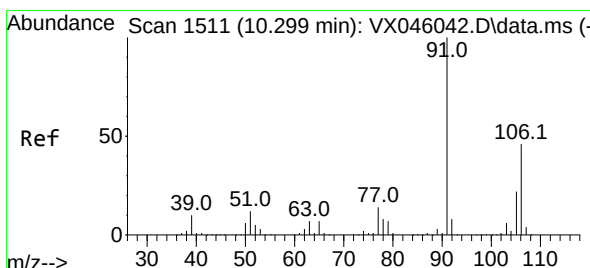
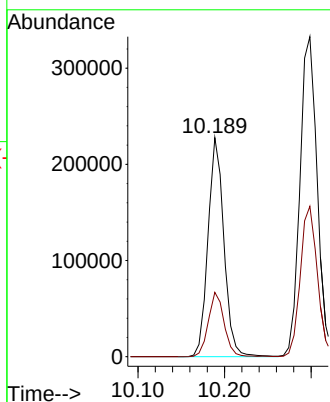
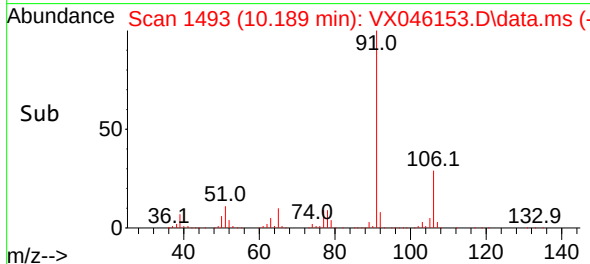
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



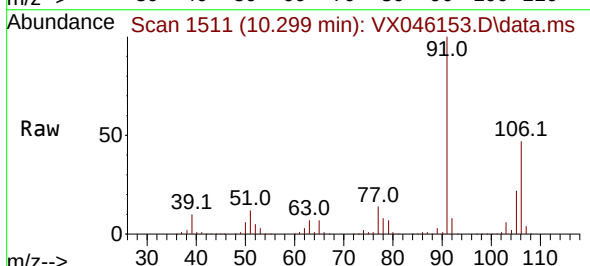
Tgt Ion: 91 Resp: 290658
Ion Ratio Lower Upper
91 100
106 29.4 23.4 35.2

Manual Integrations
APPROVED

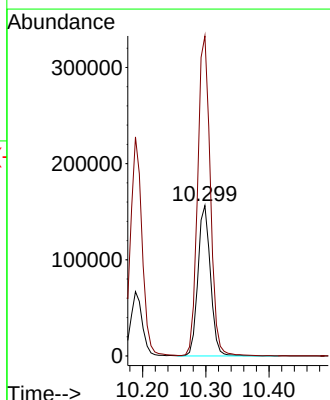
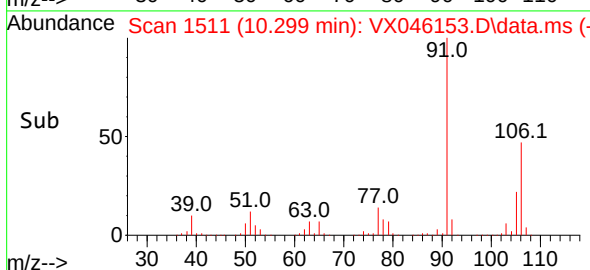
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

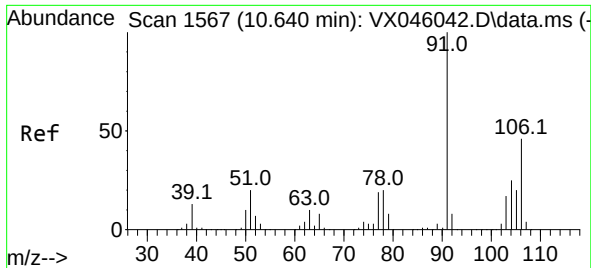


#68
m/p-Xylenes
Concen: 104.273 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



Tgt Ion:106 Resp: 215927
Ion Ratio Lower Upper
106 100
91 214.5 171.2 256.8





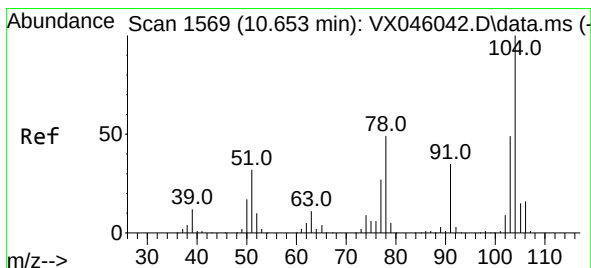
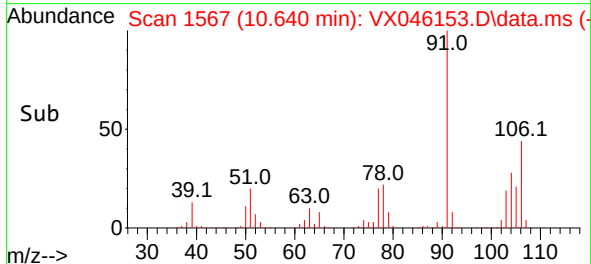
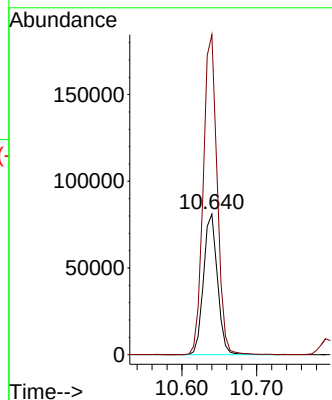
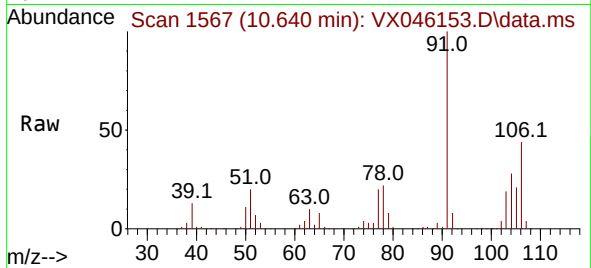
#69
o-Xylene
Concen: 52.001 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10498
Ion Ratio Lower Upper
106 100
91 227.7 112.7 338.1

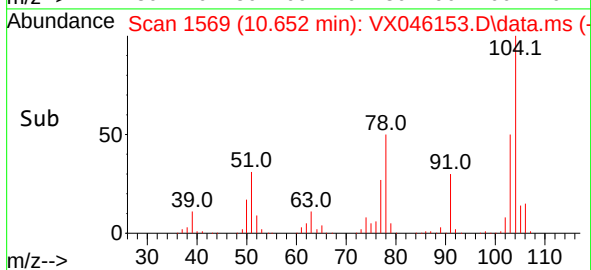
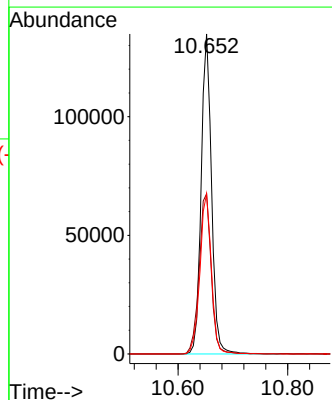
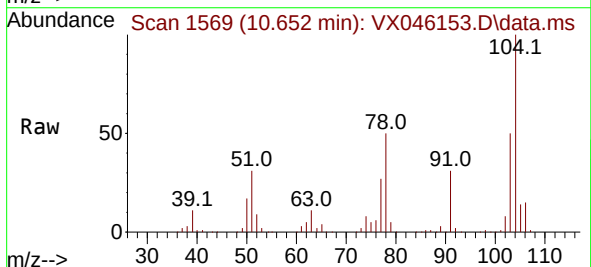
Manual Integrations
APPROVED

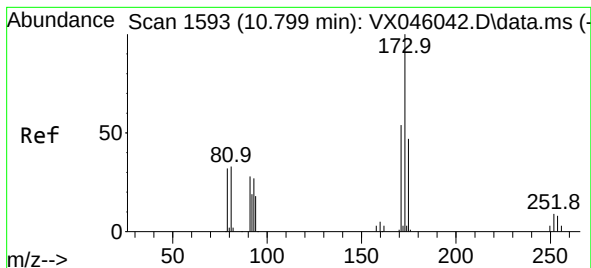
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#70
Styrene
Concen: 53.645 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

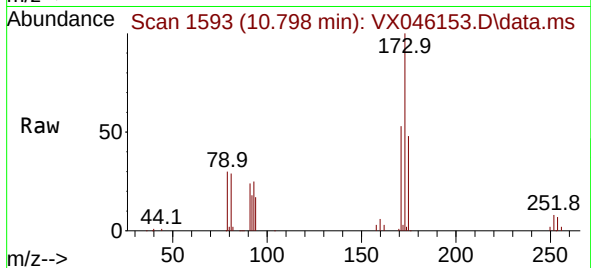
Tgt Ion:104 Resp: 177405
Ion Ratio Lower Upper
104 100
78 58.2 45.7 68.5
103 55.5 43.7 65.5





#71
Bromoform
Concen: 54.730 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

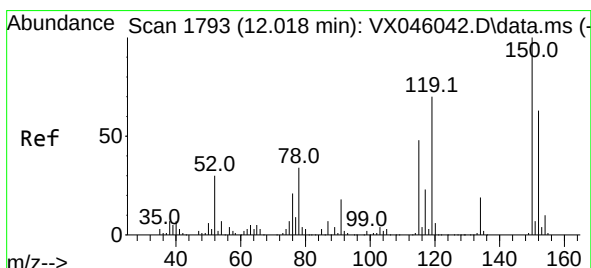
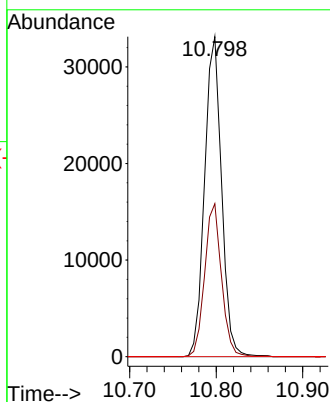
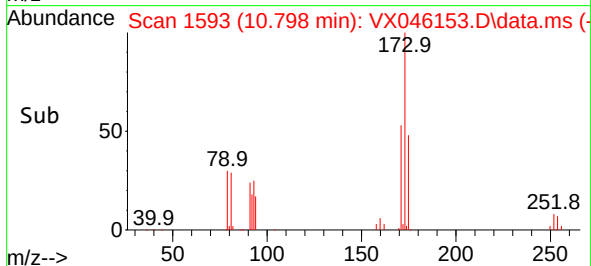
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4506
Ion Ratio Lower Upper
173 100
175 47.6 23.4 70.0
254 0.0 0.0 0.0

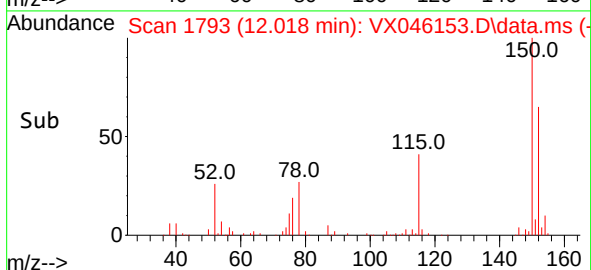
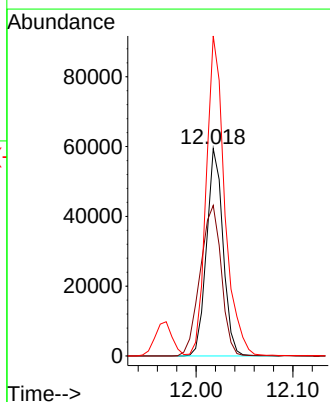
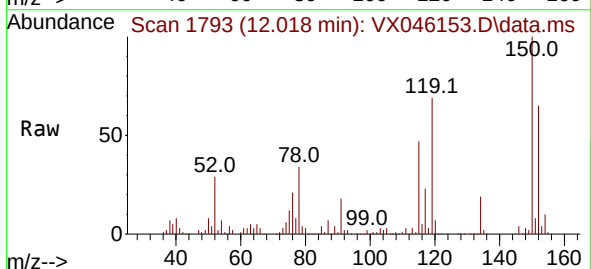
Manual Integrations
APPROVED

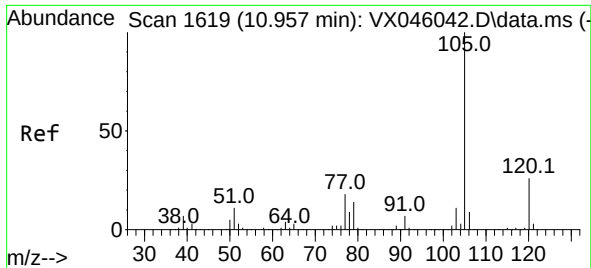
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

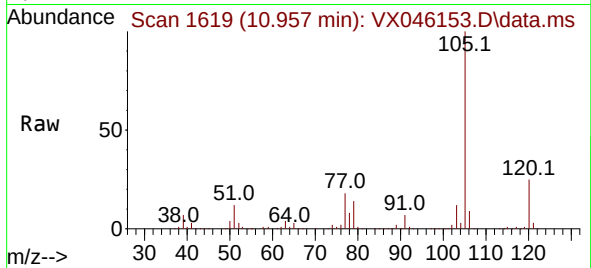
Tgt Ion:152 Resp: 70437
Ion Ratio Lower Upper
152 100
115 93.3 46.9 140.7
150 173.3 0.0 351.0





#73
Isopropylbenzene
Concen: 51.497 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

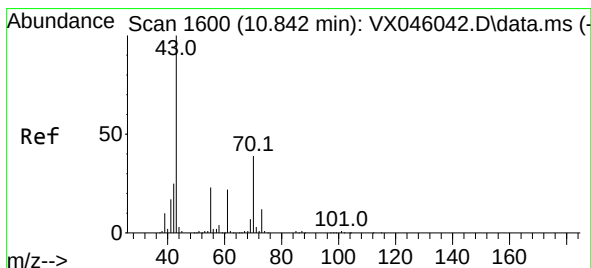
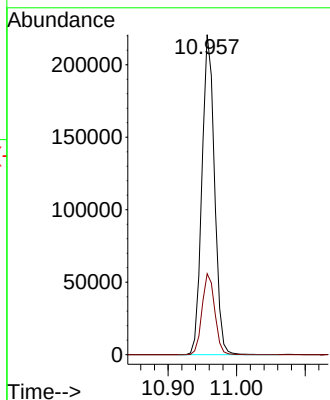
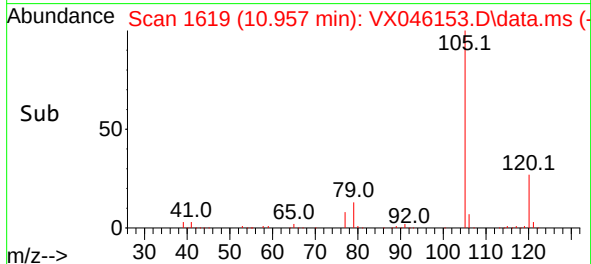
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



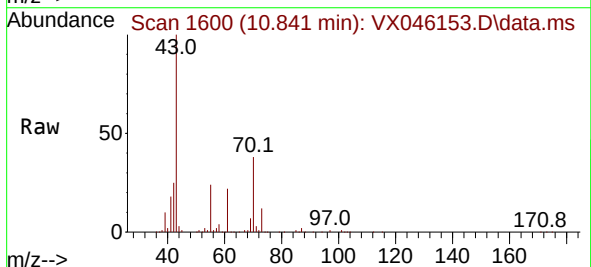
Tgt Ion:105 Resp: 282394
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

Manual Integrations
APPROVED

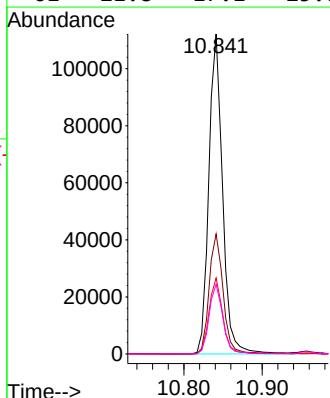
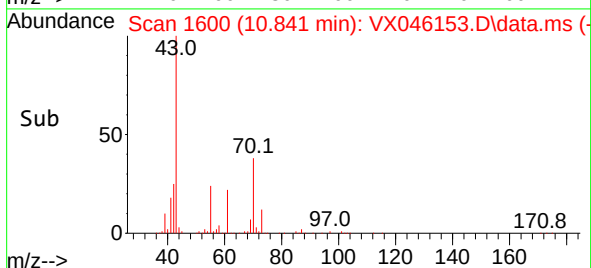
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

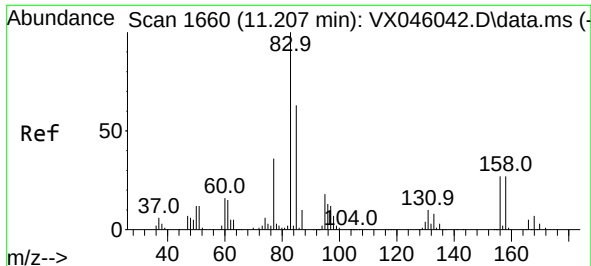


#74
N-ethyl acetate
Concen: 50.348 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



Tgt Ion: 43 Resp: 136431
Ion Ratio Lower Upper
43 100
70 38.3 30.9 46.3
55 23.9 18.7 28.1
61 21.8 17.1 25.7





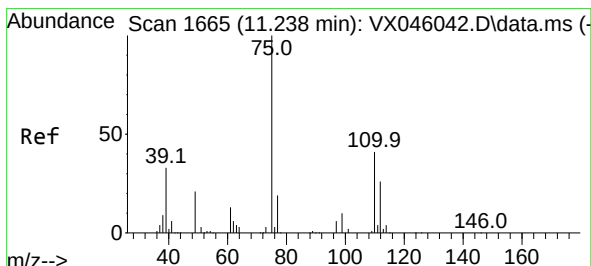
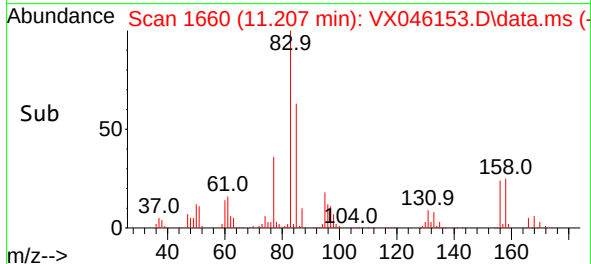
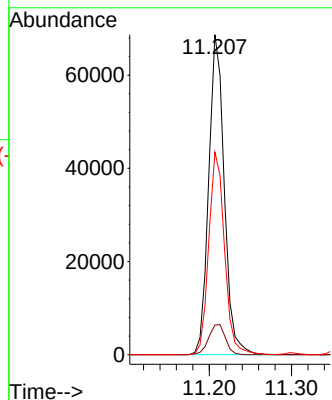
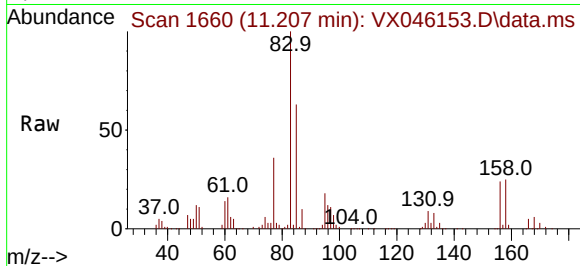
#75
1,1,2,2-Tetrachloroethane
Concen: 47.026 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90369
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.1 31.9 95.7

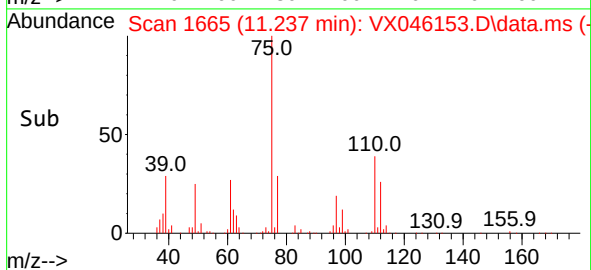
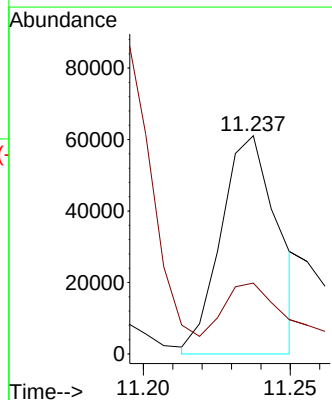
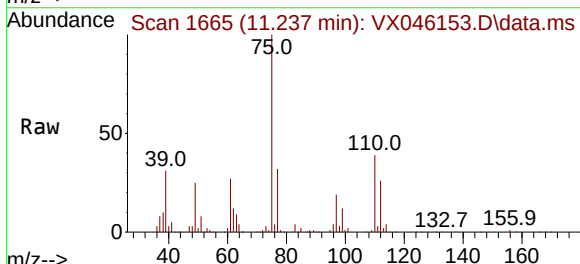
Manual Integrations
APPROVED

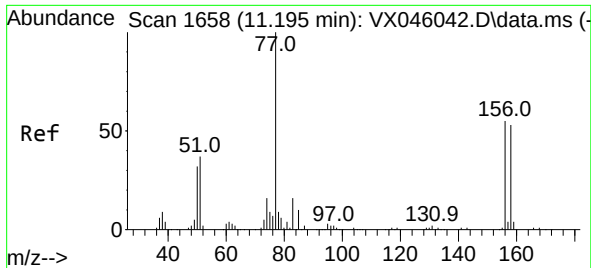
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#76
1,2,3-Trichloropropane
Concen: 48.256 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

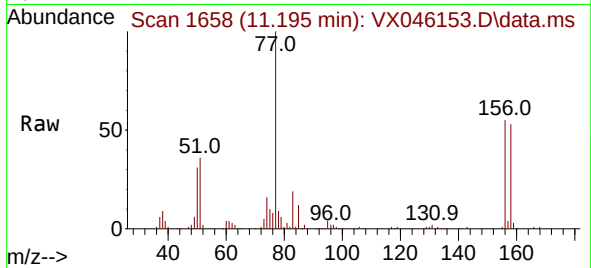
Tgt Ion: 75 Resp: 81816
Ion Ratio Lower Upper
75 100
77 41.0 20.5 61.5





#77
Bromobenzene
Concen: 50.237 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

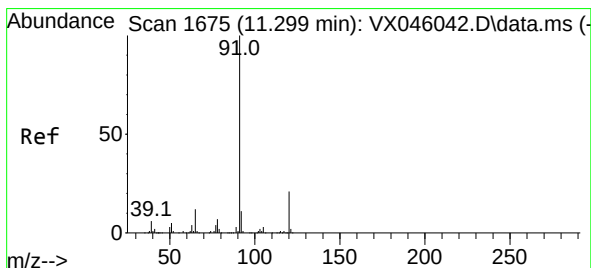
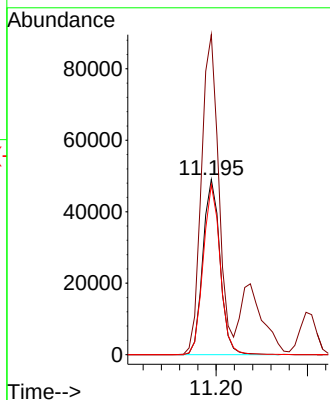
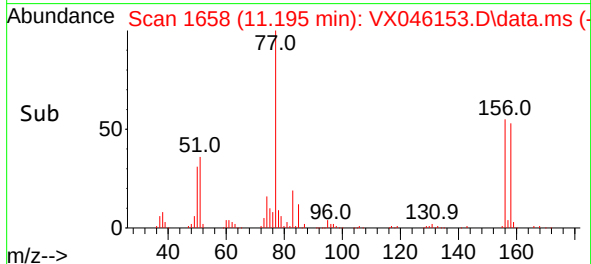
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



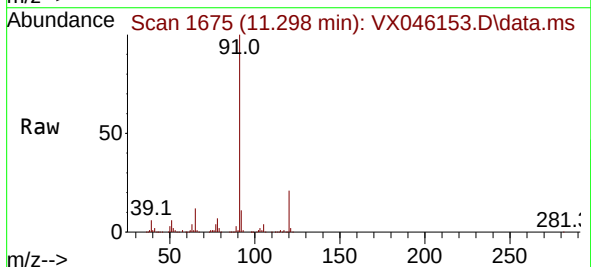
Tgt Ion:156 Resp: 63958
Ion Ratio Lower Upper
156 100
77 184.5 92.8 278.3
158 96.0 48.8 146.3

Manual Integrations
APPROVED

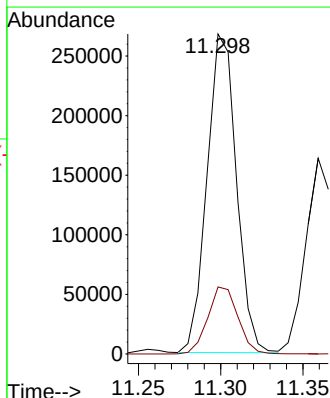
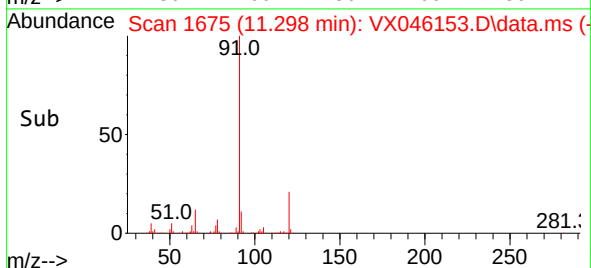
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

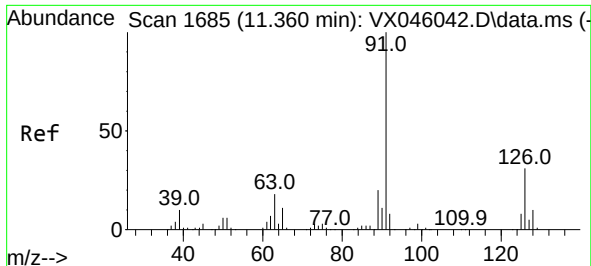


#78
n-propylbenzene
Concen: 52.174 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



Tgt Ion: 91 Resp: 332668
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





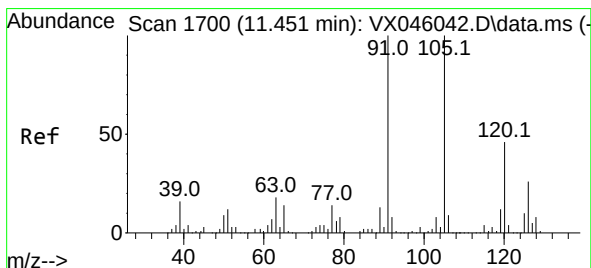
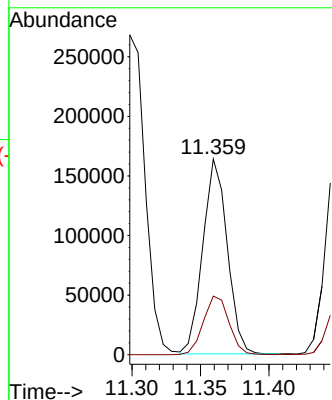
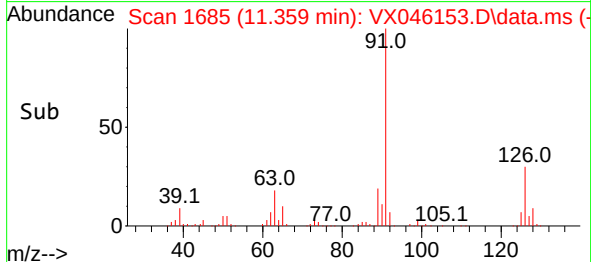
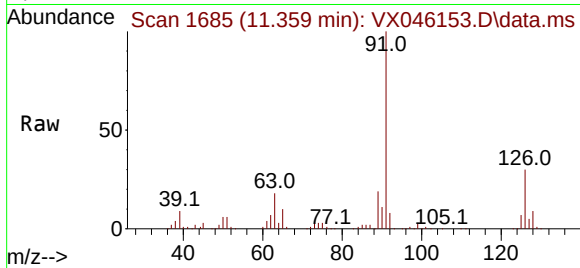
#79
2-Chlorotoluene
Concen: 49.362 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 20301
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.7

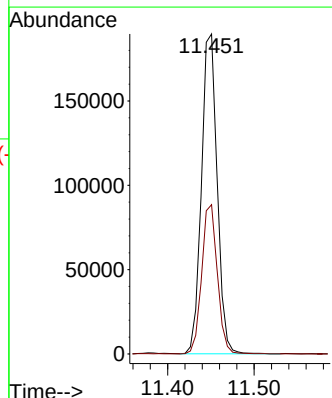
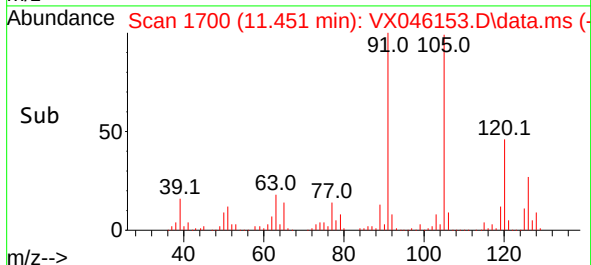
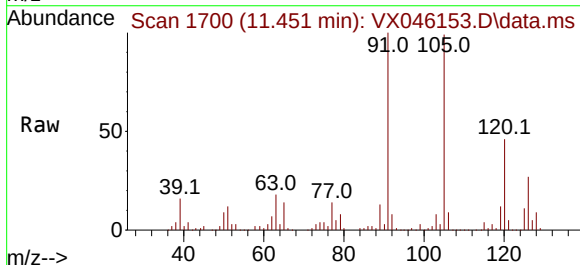
Manual Integrations
APPROVED

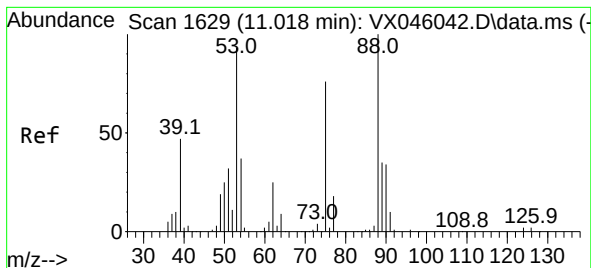
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.146 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

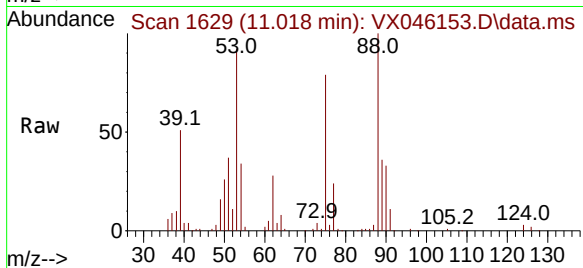
Tgt Ion:105 Resp: 238897
Ion Ratio Lower Upper
105 100
120 46.7 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.850 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

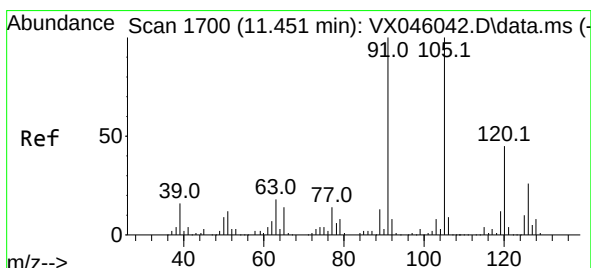
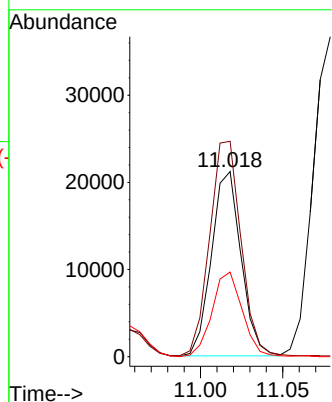
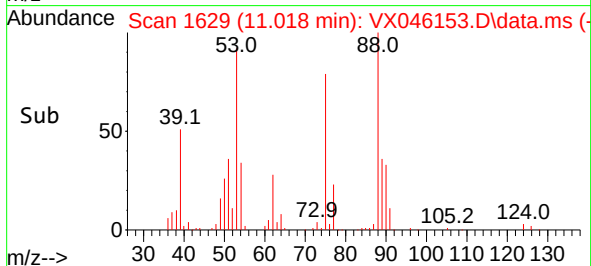
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



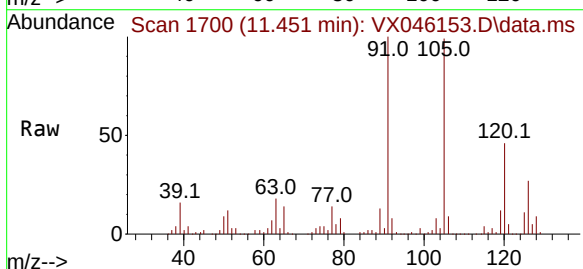
Tgt Ion: 75 Resp: 2648
Ion Ratio Lower Upper
75 100
53 125.2 100.5 150.7
89 47.2 37.0 55.6

Manual Integrations
APPROVED

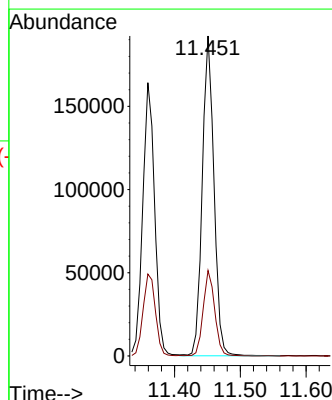
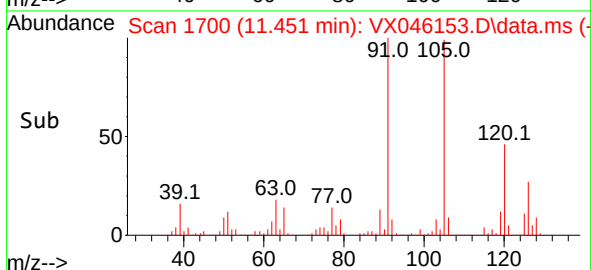
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

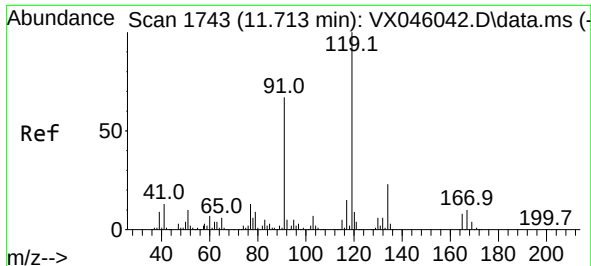


#82
4-Chlorotoluene
Concen: 51.872 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



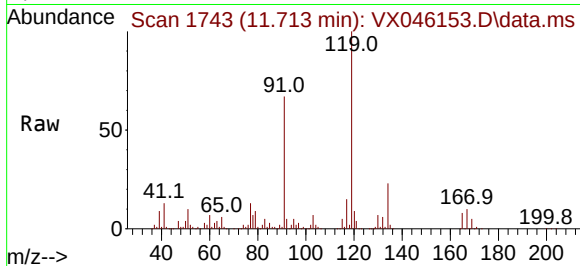
Tgt Ion: 91 Resp: 236578
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.8





#83
tert-Butylbenzene
Concen: 50.951 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

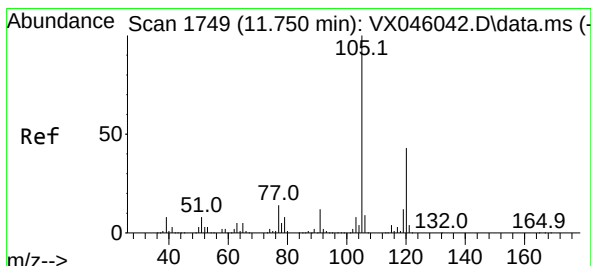
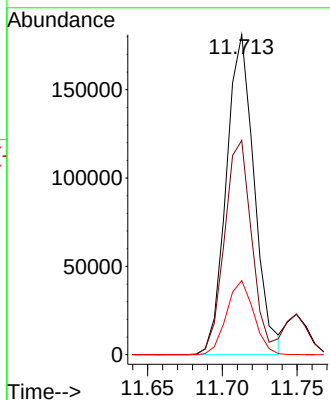
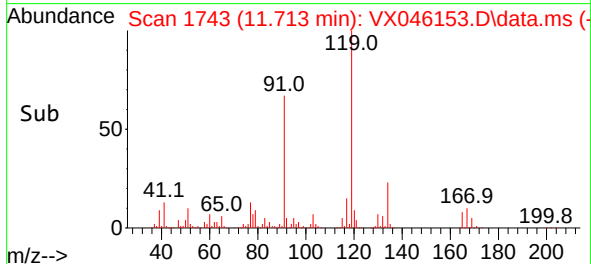
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 235120
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.7
134 22.5 11.4 34.1

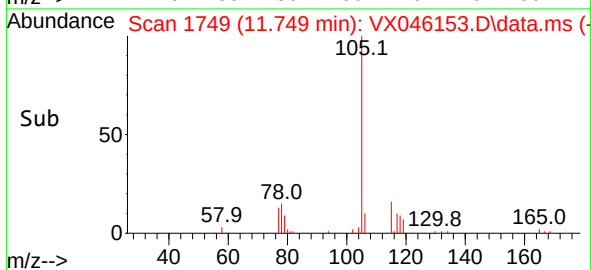
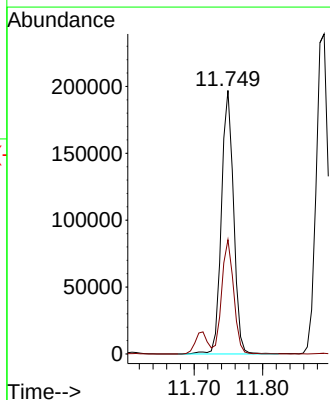
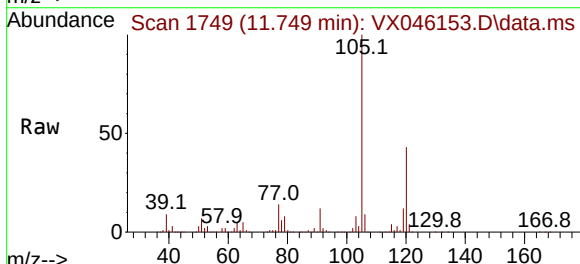
Manual Integrations
APPROVED

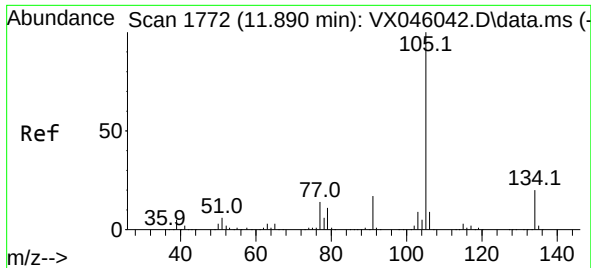
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.989 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

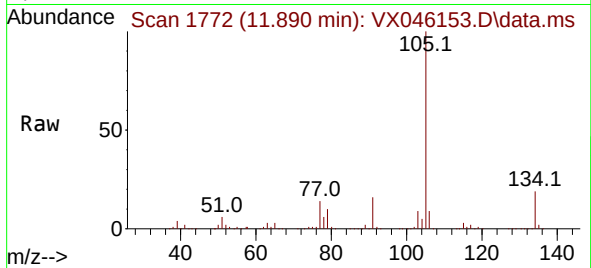
Tgt Ion:105 Resp: 241198
Ion Ratio Lower Upper
105 100
120 42.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.784 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046153.D
 Acq: 13 May 2025 10:00

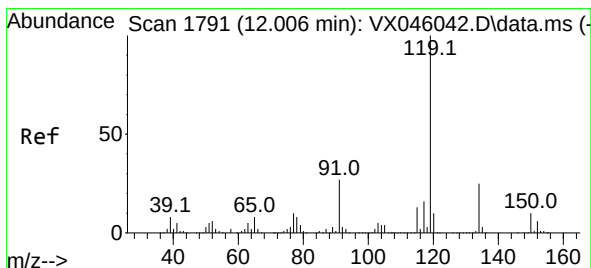
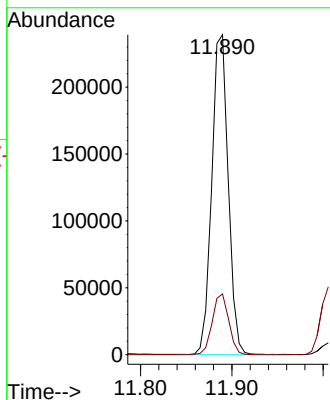
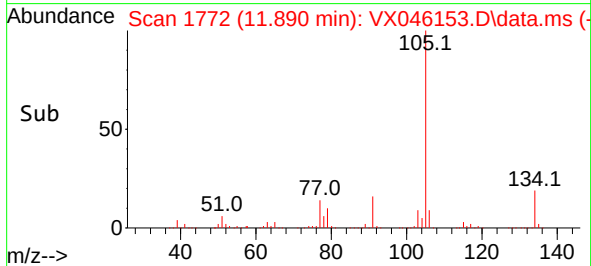
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



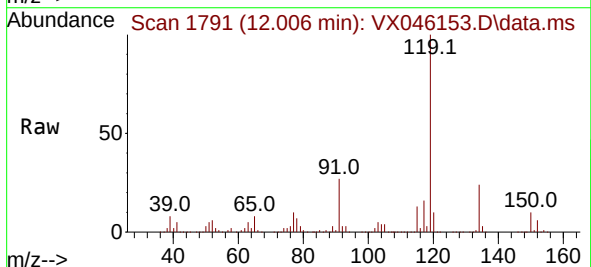
Tgt Ion:105 Resp: 299070
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

Manual Integrations
 APPROVED

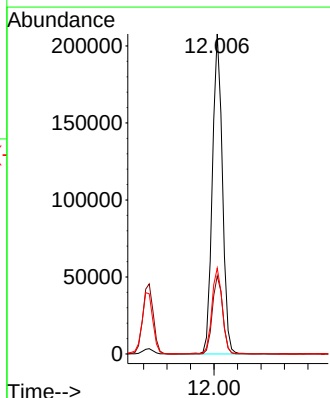
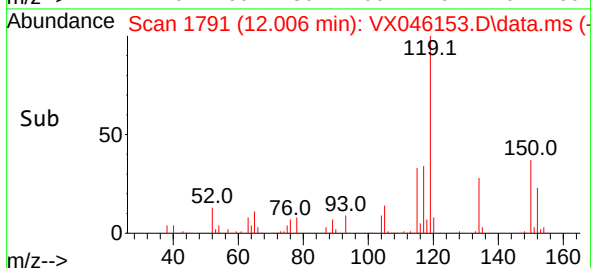
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

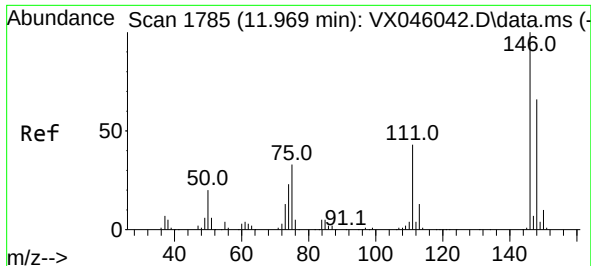


#86
 p-Isopropyltoluene
 Concen: 52.751 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046153.D
 Acq: 13 May 2025 10:00



Tgt Ion:119 Resp: 246710
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.6 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.715 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11783

Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.3

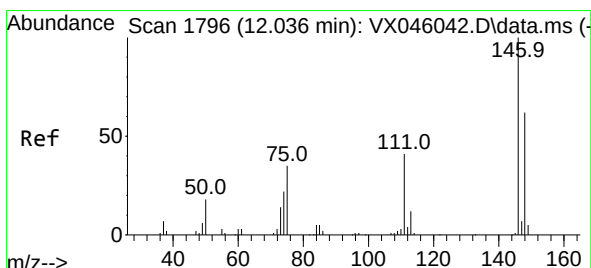
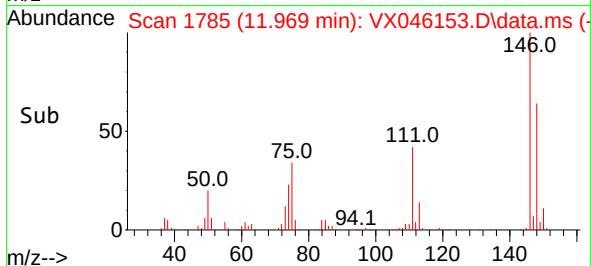
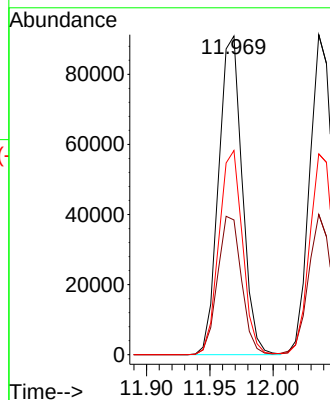
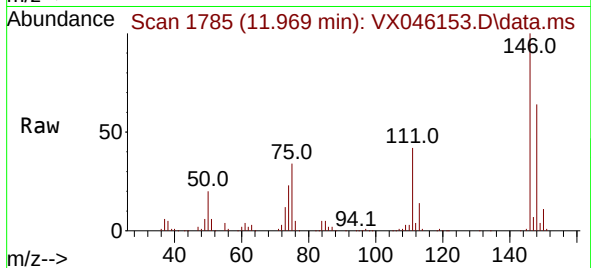
148 64.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#88

1,4-Dichlorobenzene

Concen: 49.172 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

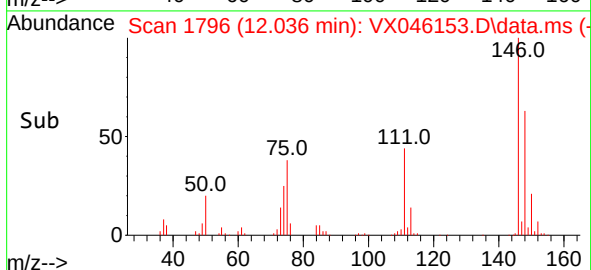
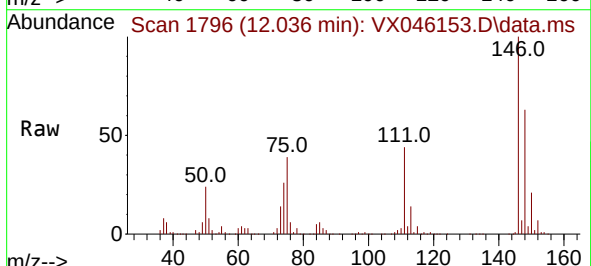
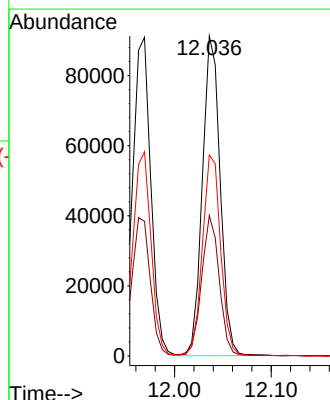
Tgt Ion:146 Resp: 116679

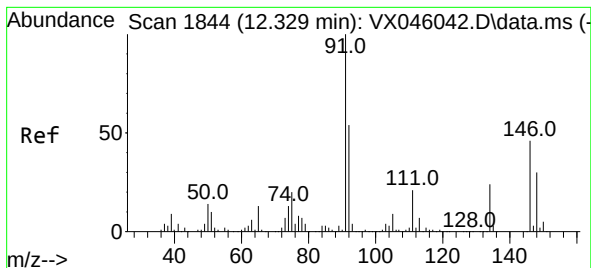
Ion Ratio Lower Upper

146 100

111 43.8 21.3 63.9

148 64.8 31.9 95.5





#89

n-Butylbenzene

Concen: 53.855 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 22093

Ion Ratio Lower Upper

91 100

92 52.8 26.9 80.7

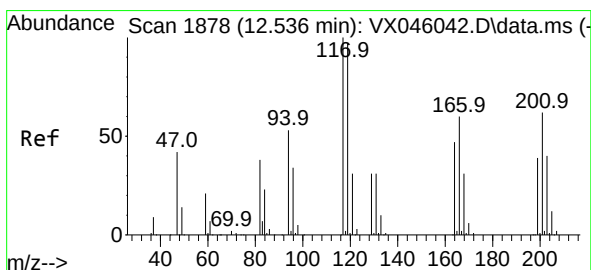
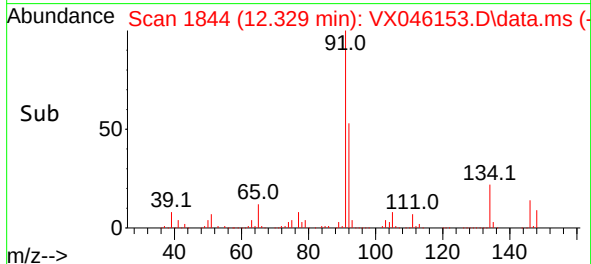
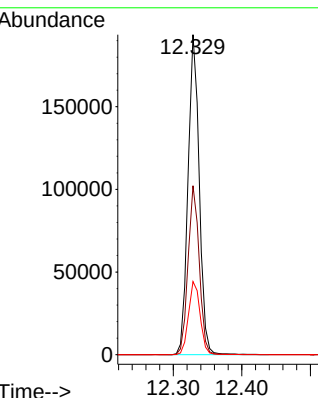
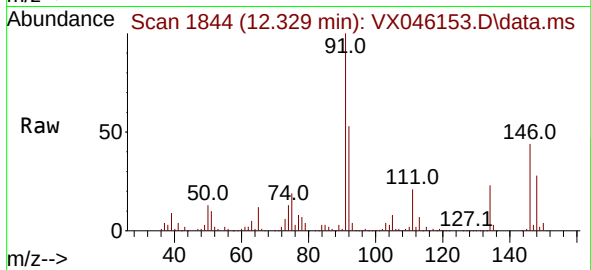
134 23.7 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#90

Hexachloroethane

Concen: 53.296 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046153.D

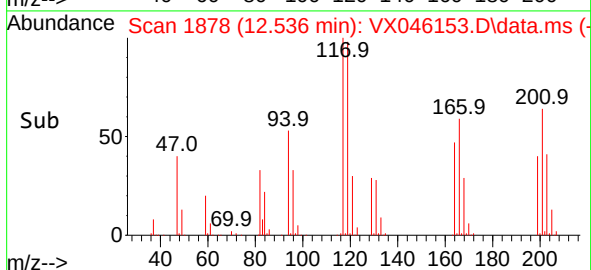
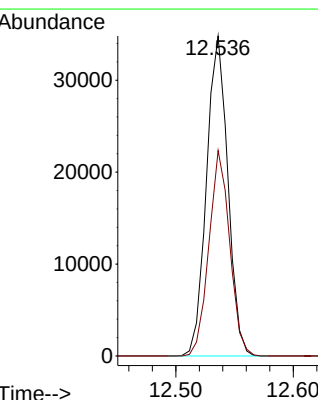
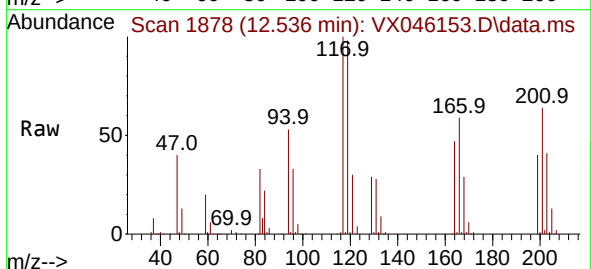
Acq: 13 May 2025 10:00

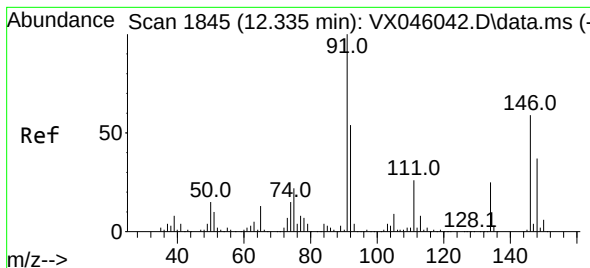
Tgt Ion:117 Resp: 43914

Ion Ratio Lower Upper

117 100

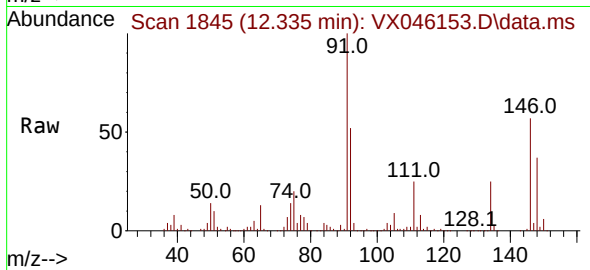
201 62.6 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 49.450 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

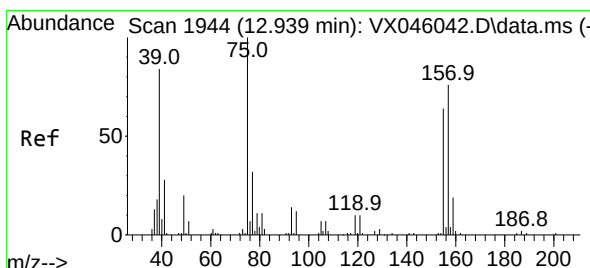
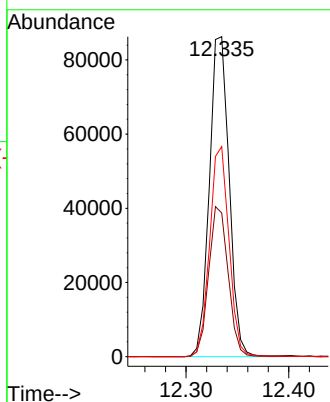
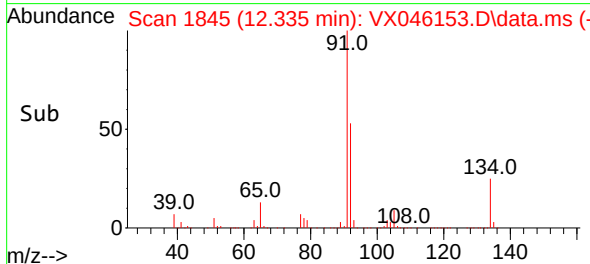
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



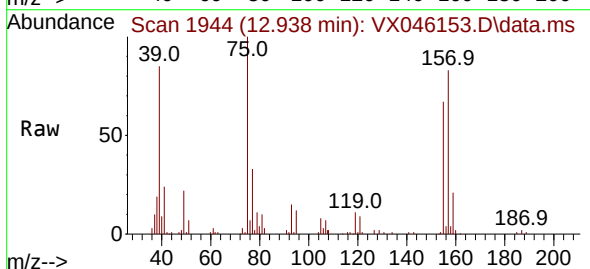
Tgt Ion:146 Resp: 11529
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.3
148 64.1 31.6 94.8

Manual Integrations
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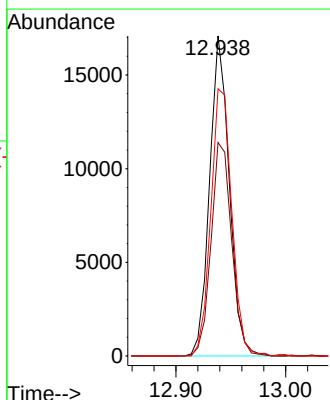
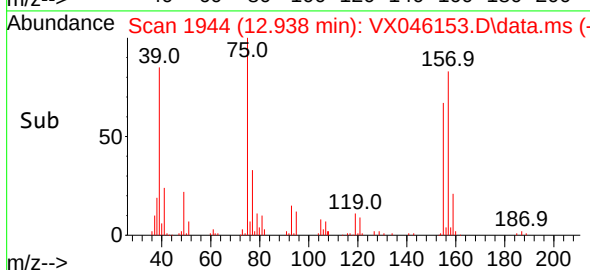
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

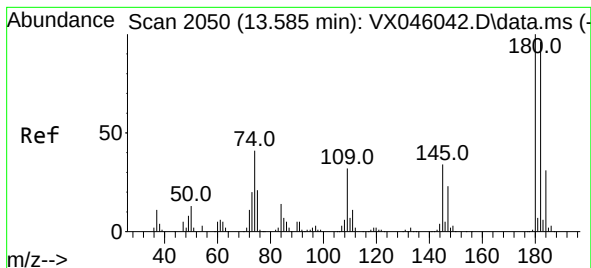


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.979 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00



Tgt Ion: 75 Resp: 21277
Ion Ratio Lower Upper
75 100
155 70.0 34.9 104.8
157 89.5 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 50.026 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

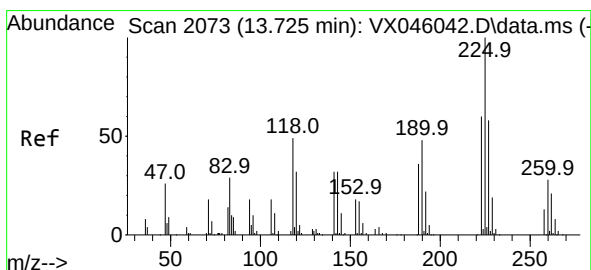
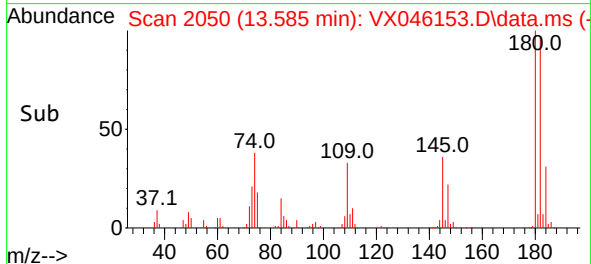
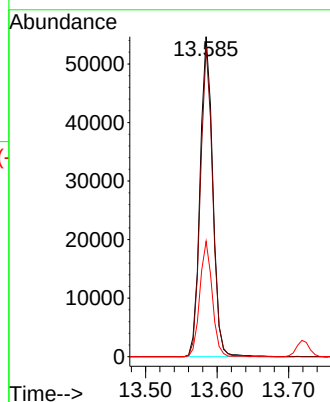
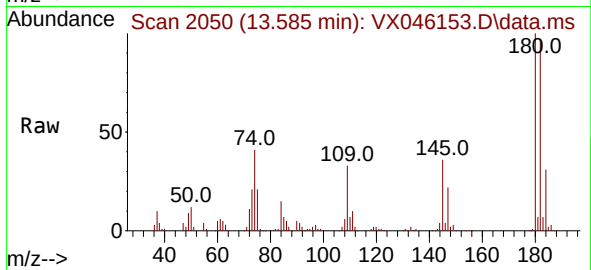
Tgt Ion:180	Resp: 66994
Ion Ratio	Lower Upper
180 100	
182 94.1	47.9 143.8
145 35.3	17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#94

Hexachlorobutadiene

Concen: 52.230 ug/l

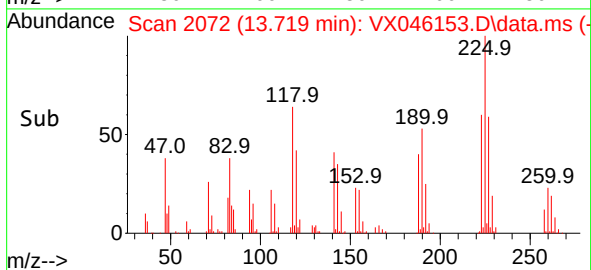
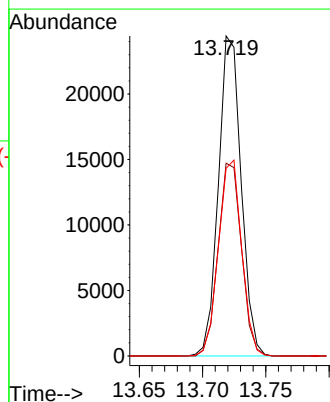
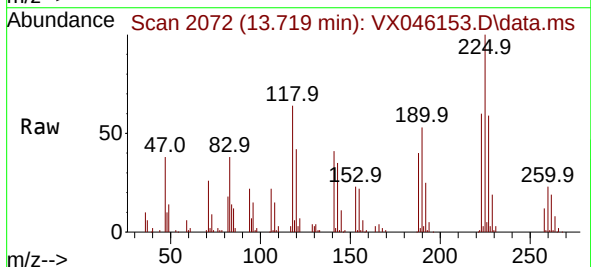
RT: 13.719 min Scan# 2072

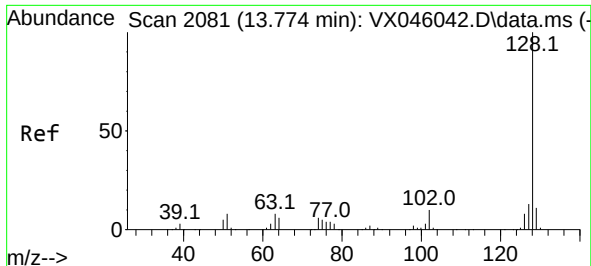
Delta R.T. -0.007 min

Lab File: VX046153.D

Acq: 13 May 2025 10:00

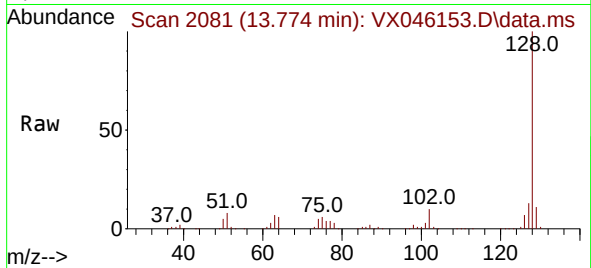
Tgt Ion:225	Resp: 30548
Ion Ratio	Lower Upper
225 100	
223 61.7	30.8 92.4
227 62.3	30.9 92.7





#95
Naphthalene
Concen: 49.076 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

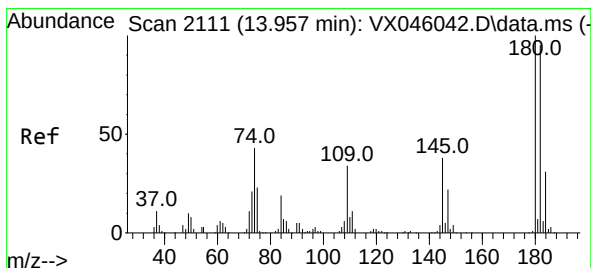
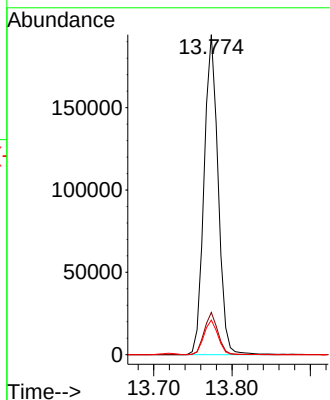
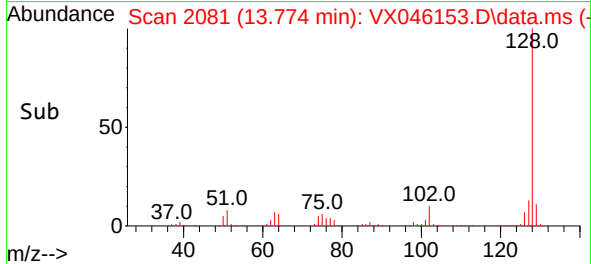
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 24104
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.017 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046153.D
Acq: 13 May 2025 10:00

Tgt Ion:180 Resp: 69113
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 36.3 18.1 54.3

