

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046388.D
 Acq On : 28 May 2025 16:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 29 03:40:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	141561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79064	50.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.960%			
35) Dibromofluoromethane	5.373	113	55092	54.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	8.641	98	181670	51.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.079	95	71286	52.672	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66744	52.425	ug/l	99
3) Chloromethane	1.307	50	64239	52.031	ug/l	97
4) Vinyl Chloride	1.374	62	58266	50.708	ug/l	100
5) Bromomethane	1.593	94	26662	50.027	ug/l	100
6) Chloroethane	1.666	64	32789	53.453	ug/l	98
7) Trichlorofluoromethane	1.874	101	90711	53.416	ug/l	99
8) Diethyl Ether	2.130	74	28927	50.038	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	56614	53.870	ug/l	97
10) Methyl Iodide	2.441	142	65552	52.715	ug/l	99
11) Tert butyl alcohol	2.977	59	55572	255.292	ug/l	99
12) 1,1-Dichloroethene	2.313	96	51345	52.057	ug/l	97
13) Acrolein	2.233	56	70957	286.229	ug/l	98
14) Allyl chloride	2.654	41	102788	54.528	ug/l	99
15) Acrylonitrile	3.062	53	171334	275.261	ug/l	98
16) Acetone	2.380	43	175783	282.708	ug/l	100
17) Carbon Disulfide	2.502	76	110349	47.191	ug/l	100
18) Methyl Acetate	2.703	43	95167	65.957	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	186527	53.941	ug/l	99
20) Methylene Chloride	2.782	84	60391	50.683	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	52628	53.058	ug/l	99
22) Diisopropyl ether	3.757	45	201528	55.346	ug/l	95
23) Vinyl Acetate	3.715	43	873677	272.804	ug/l	100
24) 1,1-Dichloroethane	3.599	63	109931	54.205	ug/l	97
25) 2-Butanone	4.550	43	250505	277.508	ug/l	99
26) 2,2-Dichloropropane	4.465	77	84927	53.501	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63805	53.435	ug/l	99
28) Bromochloromethane	4.891	49	51157	52.404	ug/l	97
29) Tetrahydrofuran	4.995	42	155997	275.783	ug/l	98
30) Chloroform	5.086	83	115265	54.528	ug/l	97
31) Cyclohexane	5.458	56	96020	51.956	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	99006	54.030	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72951	53.262	ug/l	99
37) Ethyl Acetate	4.708	43	92120	54.438	ug/l	99
38) Carbon Tetrachloride	5.666	117	83453	54.228	ug/l	99
39) Methylcyclohexane	7.373	83	95181	53.979	ug/l	97
40) Benzene	6.025	78	219480	54.708	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	55336	62.512	ug/l	97
42) 1,2-Dichloroethane	6.080	62	96342	55.642	ug/l	100
43) Isopropyl Acetate	6.336	43	149107	57.759	ug/l	99
44) Trichloroethene	7.117	130	53618	55.530	ug/l	99
45) 1,2-Dichloropropane	7.421	63	56435	56.573	ug/l	100
46) Dibromomethane	7.574	93	42939	54.575	ug/l	99
47) Bromodichloromethane	7.818	83	87867	56.702	ug/l	97
48) Methyl methacrylate	7.690	41	76419	57.962	ug/l	99
49) 1,4-Dioxane	7.659	88	26327	1051.680	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	493707	288.111	ug/l	99
52) Toluene	8.714	92	135816	55.210	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	77736	56.437	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	88302	58.003	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	54496	56.182	ug/l	98
56) Ethyl methacrylate	9.116	69	90463	58.516	ug/l	99
57) 1,3-Dichloropropane	9.305	76	95837	55.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	223035	282.987	ug/l	99
59) 2-Hexanone	9.427	43	370343	292.119	ug/l	100
60) Dibromochloromethane	9.519	129	60327	56.631	ug/l	100
61) 1,2-Dibromoethane	9.604	107	56736	56.277	ug/l	98
64) Tetrachloroethene	9.269	164	49961	55.870	ug/l	96
65) Chlorobenzene	10.073	112	146043	52.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51452	54.470	ug/l	99
67) Ethyl Benzene	10.189	91	268950	55.156	ug/l	100
68) m/p-Xylenes	10.299	106	194934	109.302	ug/l	96
69) o-Xylene	10.640	106	95897	55.155	ug/l	98
70) Styrene	10.653	104	160054	56.196	ug/l	98
71) Bromoform	10.799	173	38548	54.355	ug/l #	99
73) Isopropylbenzene	10.957	105	256197	53.820	ug/l	99
74) N-amyl acetate	10.842	43	129251	54.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84883	50.884	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77057m	52.357	ug/l	
77) Bromobenzene	11.195	156	57889	52.381	ug/l	99
78) n-propylbenzene	11.299	91	305890	55.265	ug/l	100
79) 2-Chlorotoluene	11.360	91	187744	52.588	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	218615	54.972	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24275	53.699	ug/l	98
82) 4-Chlorotoluene	11.451	91	215745	54.494	ug/l	100
83) tert-Butylbenzene	11.713	119	213952	53.410	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	223569	55.514	ug/l	99
85) sec-Butylbenzene	11.890	105	274017	55.712	ug/l	99
86) p-Isopropyltoluene	12.006	119	228558	56.297	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	107505	53.301	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	106966	51.930	ug/l	99
89) n-Butylbenzene	12.329	91	205435	57.687	ug/l	99
90) Hexachloroethane	12.536	117	38197	53.404	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	108545	53.630	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19869	53.765	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	64011	55.064	ug/l	98
94) Hexachlorobutadiene	13.725	225	28880	56.883	ug/l	99
95) Naphthalene	13.774	128	224463	52.646	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64485	53.760	ug/l	99

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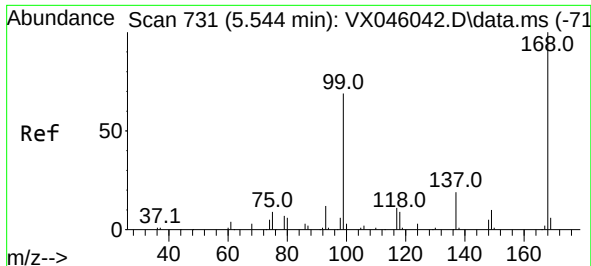
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/29/2025

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Response via : Initial Calibration

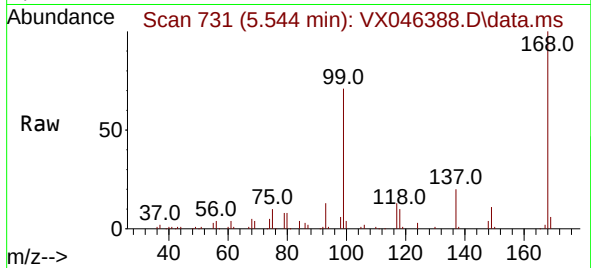
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
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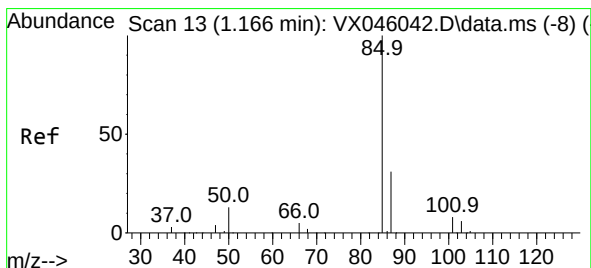
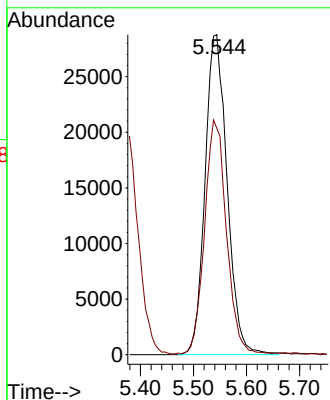
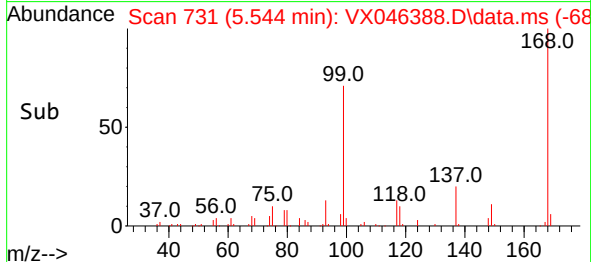
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 8318
Ion Ratio Lower Upper
168 100
99 70.3 54.9 82.3

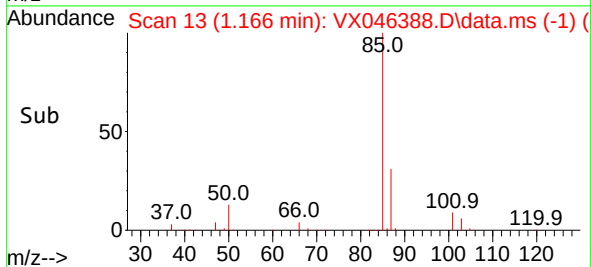
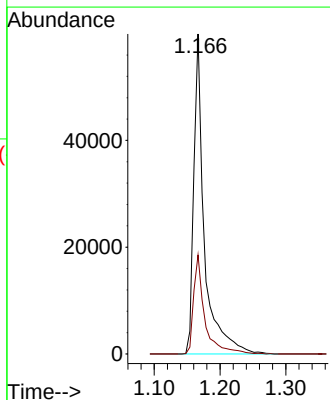
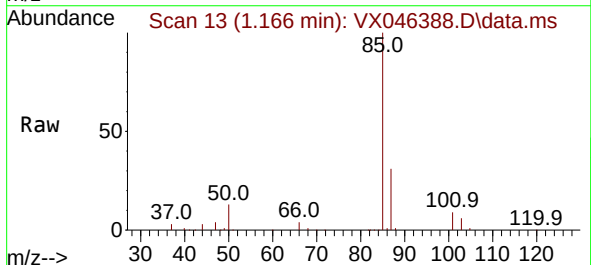
Manual Integrations
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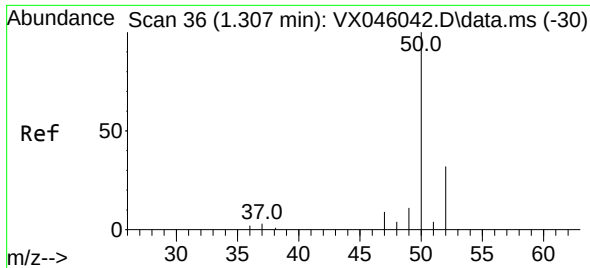
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 52.425 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion: 85 Resp: 66744
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.1





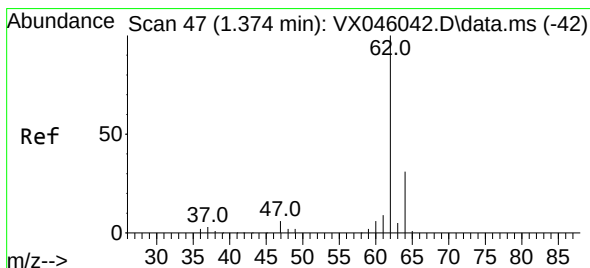
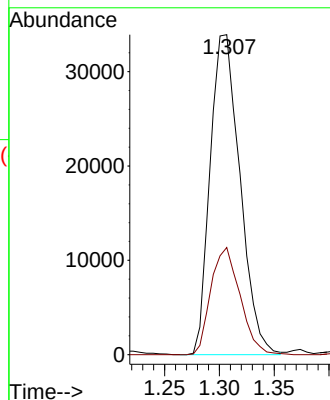
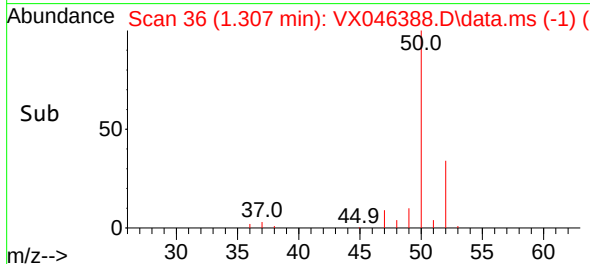
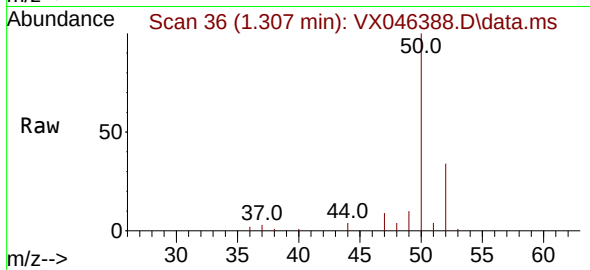
#3
Chloromethane
Concen: 52.031 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046388.D
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Tgt Ion: 50 Resp: 64239
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

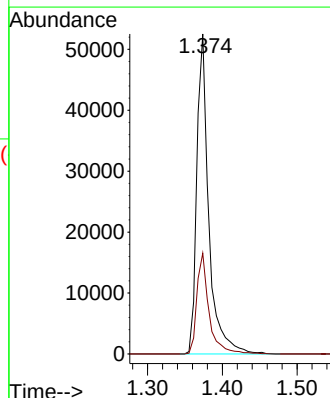
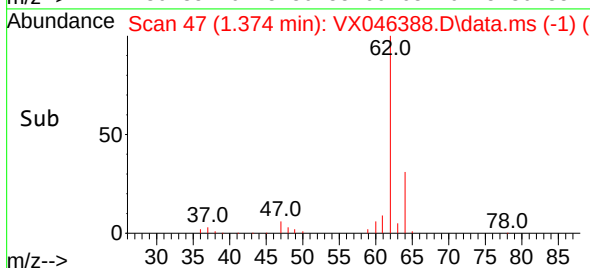
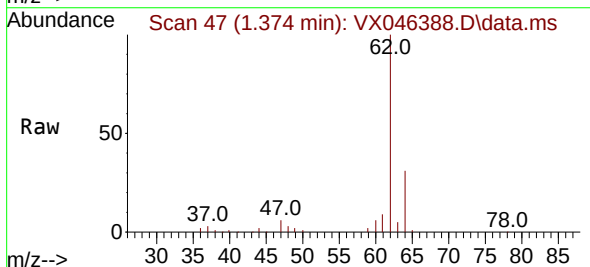
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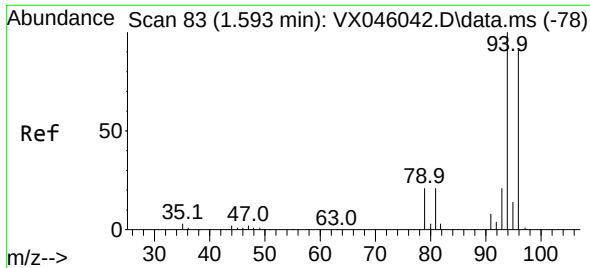
Reviewed By :John Carlone 05/29/2025
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#4
Vinyl Chloride
Concen: 50.708 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

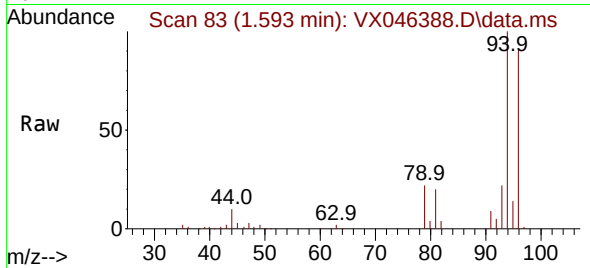
Tgt Ion: 62 Resp: 58266
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 50.027 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046388.D
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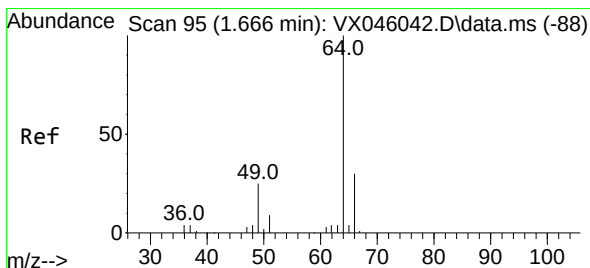
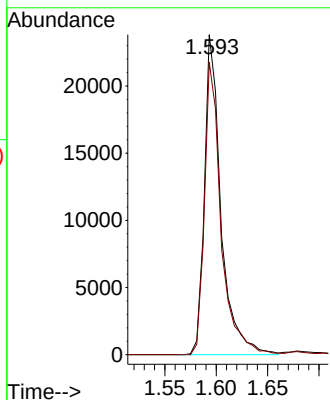
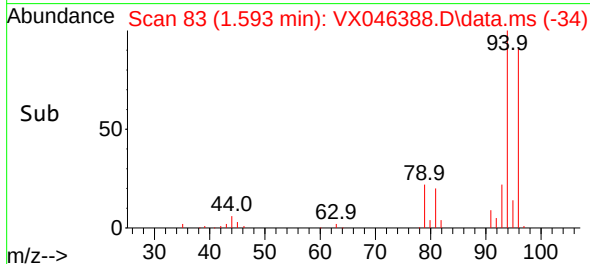
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Tgt Ion: 94 Resp: 26662
Ion Ratio Lower Upper
94 100
96 91.4 72.8 109.2

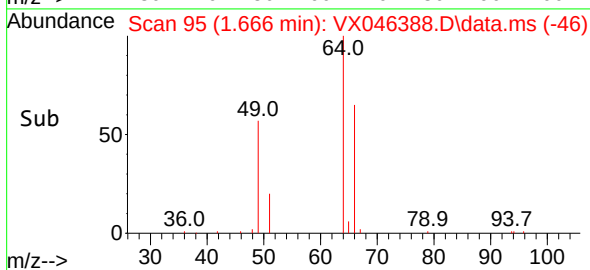
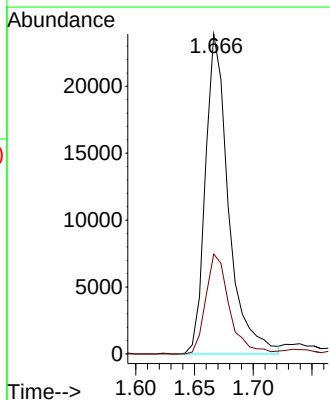
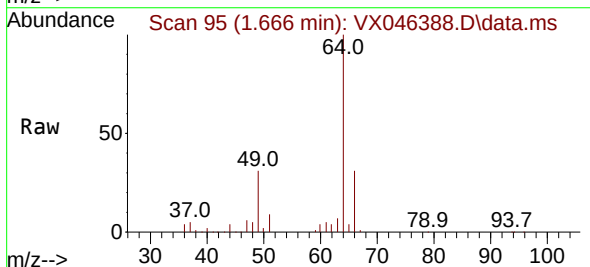
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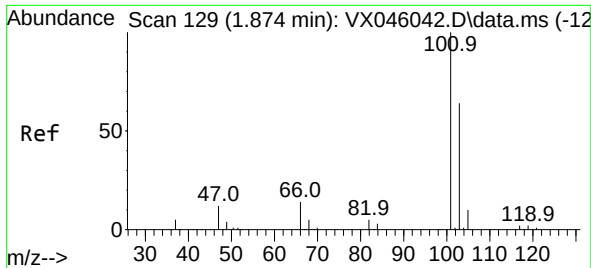
Reviewed By :John Carlone 05/29/2025
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#6
Chloroethane
Concen: 53.453 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046388.D
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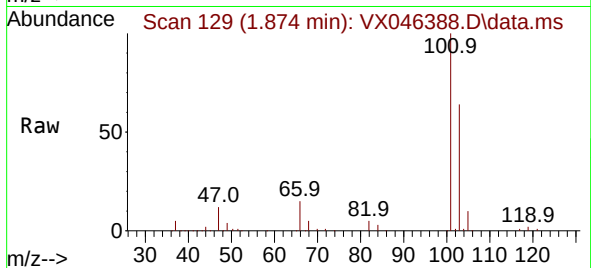
Tgt Ion: 64 Resp: 32789
Ion Ratio Lower Upper
64 100
66 31.2 24.3 36.5





#7
Trichlorofluoromethane
Concen: 53.416 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046388.D
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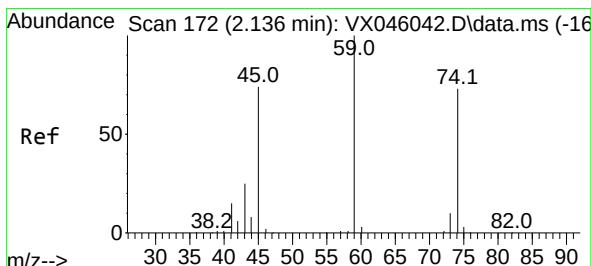
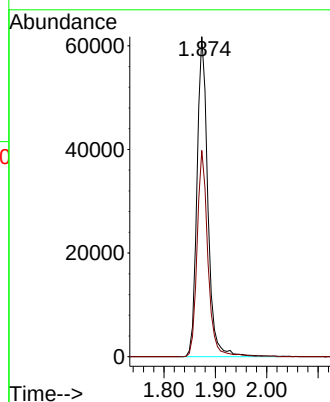
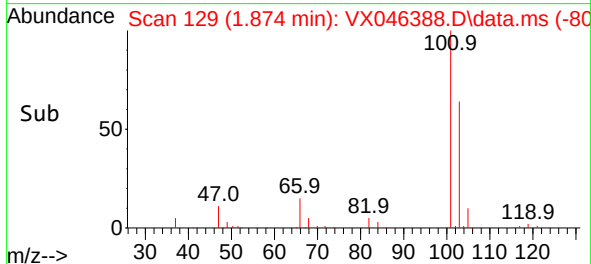
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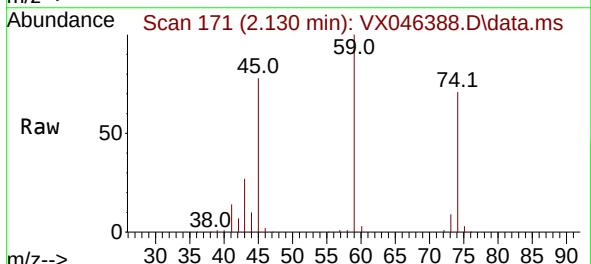
Tgt Ion:101 Resp: 9071
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

Manual Integrations
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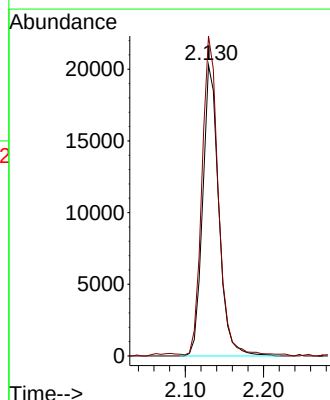
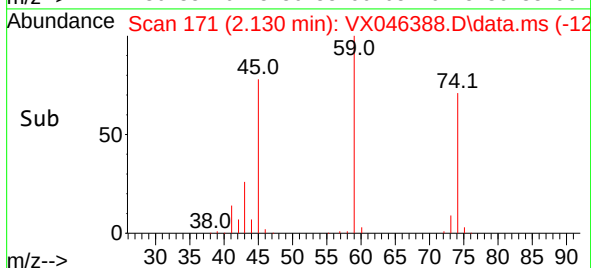
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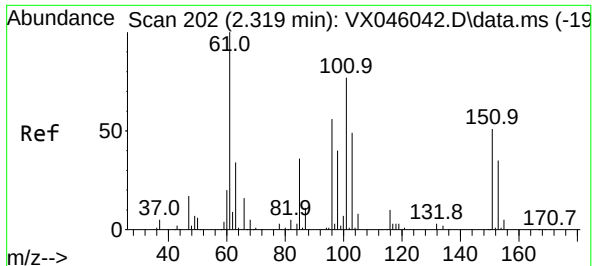


#8
Diethyl Ether
Concen: 50.038 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



Tgt Ion: 74 Resp: 28927
Ion Ratio Lower Upper
74 100
45 113.2 54.9 164.8





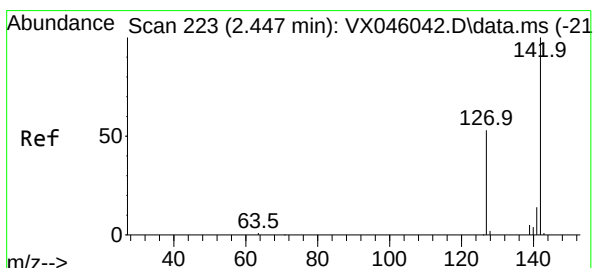
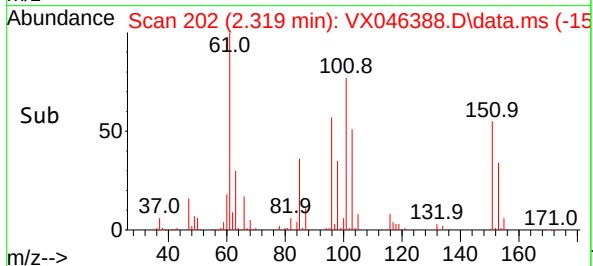
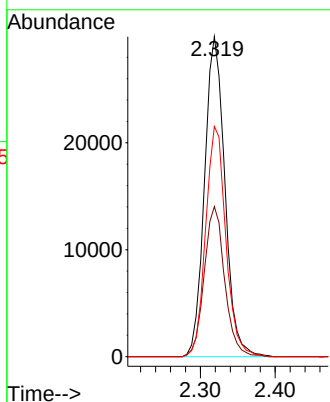
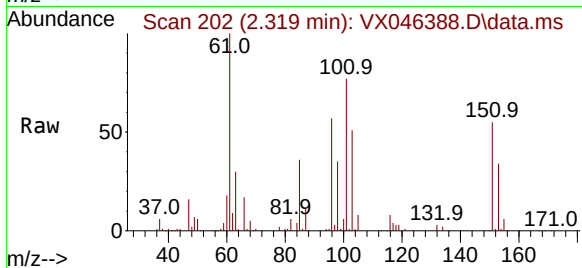
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.870 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046388.D
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VSTDCCC050EC

Tgt Ion:101 Resp: 56614
Ion Ratio Lower Upper
101 100
85 47.1 38.6 58.0
151 71.5 55.2 82.8

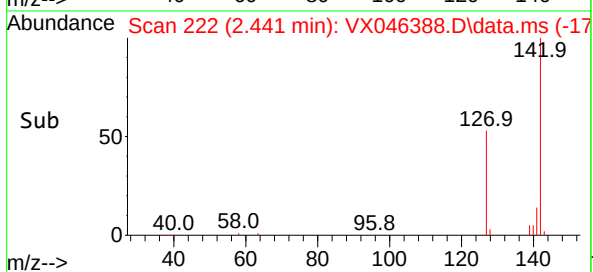
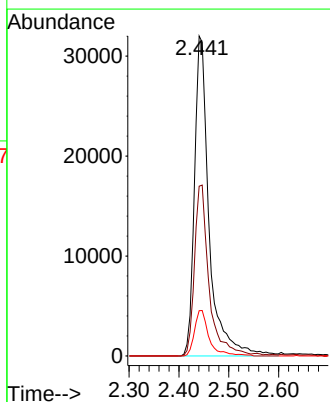
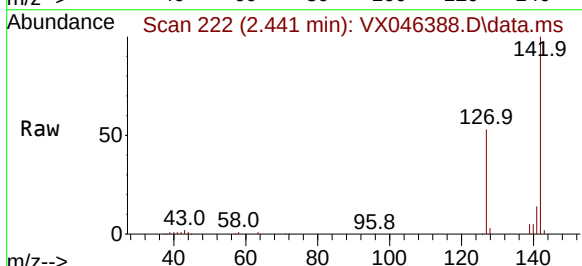
Manual Integrations
APPROVED

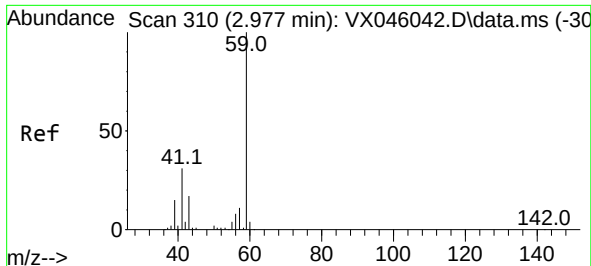
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 52.715 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

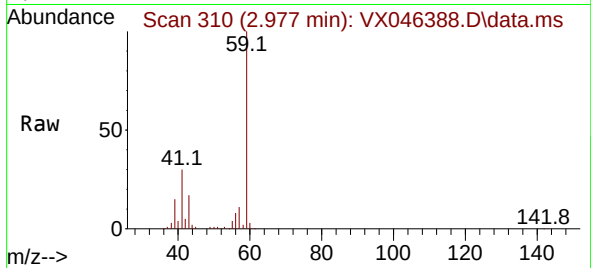
Tgt Ion:142 Resp: 65552
Ion Ratio Lower Upper
142 100
127 52.8 41.7 62.5
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 255.292 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

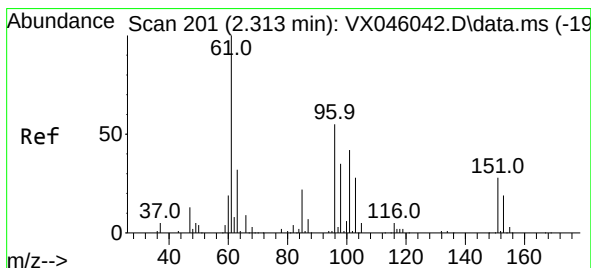
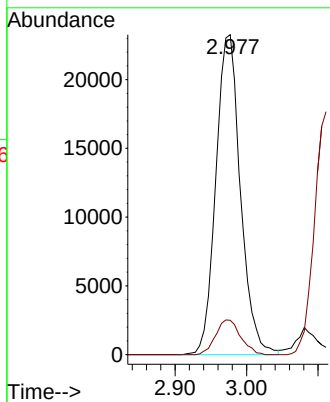
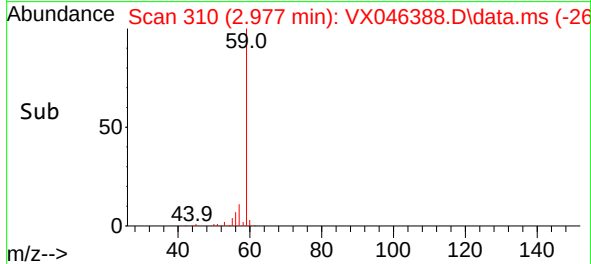
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



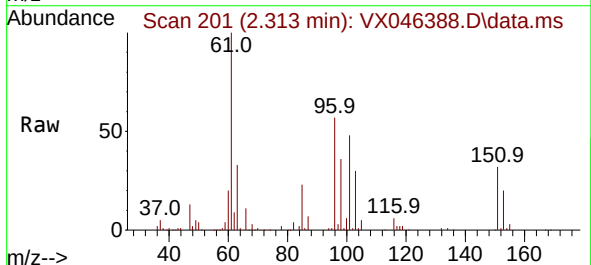
Tgt Ion: 59 Resp: 55572
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

Manual Integrations
APPROVED

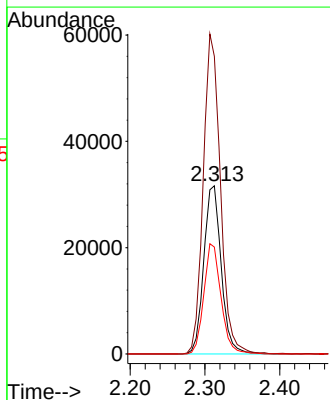
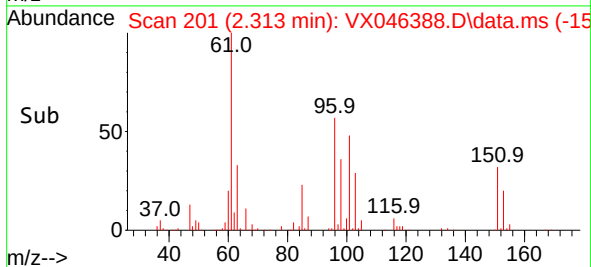
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

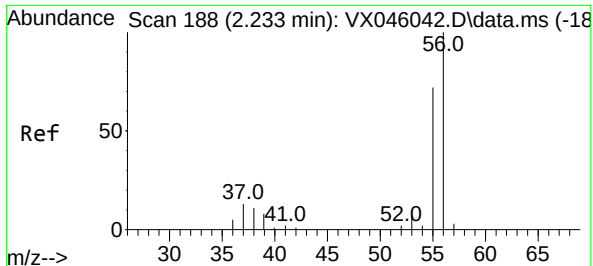


#12
1,1-Dichloroethene
Concen: 52.057 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



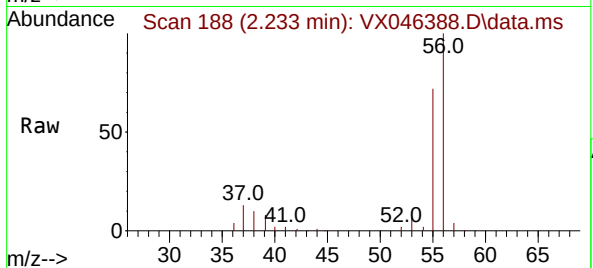
Tgt Ion: 96 Resp: 51345
Ion Ratio Lower Upper
96 100
61 176.9 146.2 219.2
98 63.6 51.0 76.6





#13
Acrolein
Concen: 286.229 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

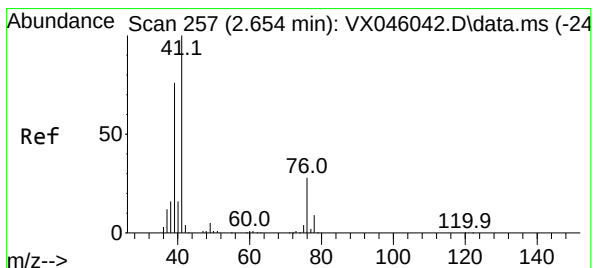
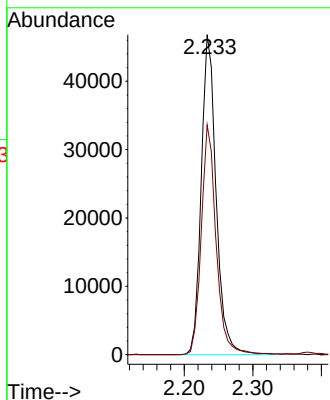
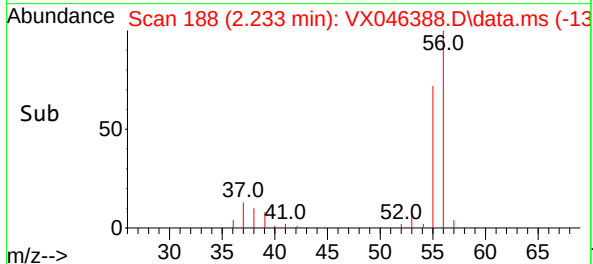
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7095
Ion Ratio Lower Upper
56 100
55 71.7 56.2 84.4

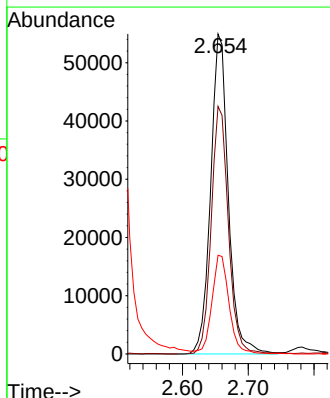
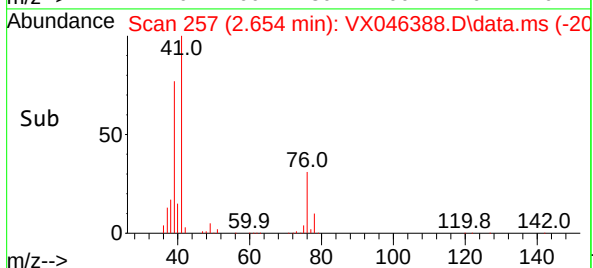
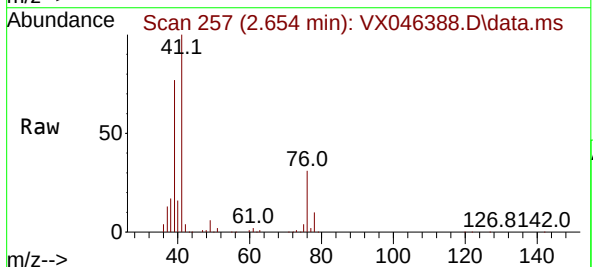
Manual Integrations
APPROVED

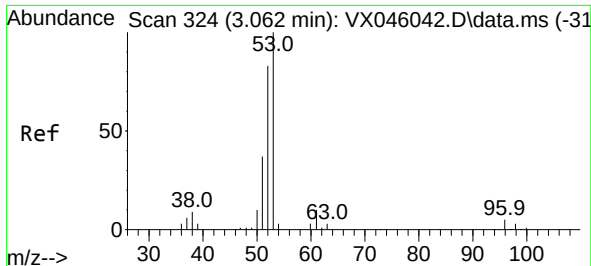
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#14
Allyl chloride
Concen: 54.528 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

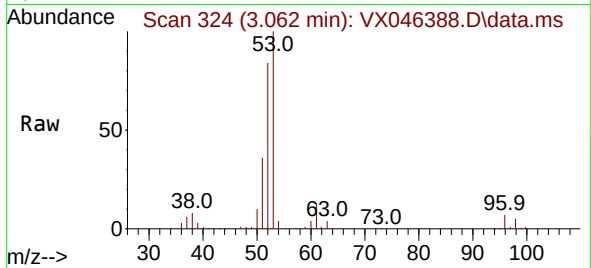
Tgt Ion: 41 Resp: 102788
Ion Ratio Lower Upper
41 100
39 75.2 60.6 90.8
76 29.6 24.9 37.3





#15
Acrylonitrile
Concen: 275.261 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

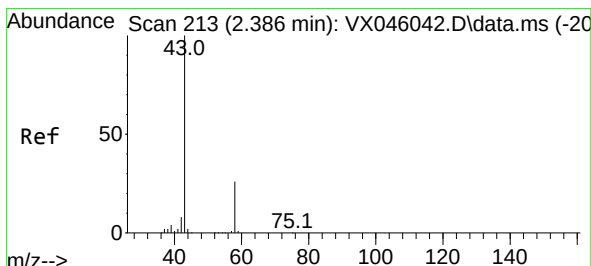
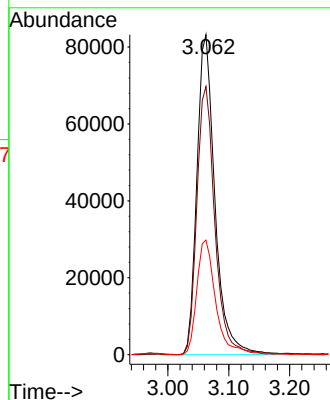
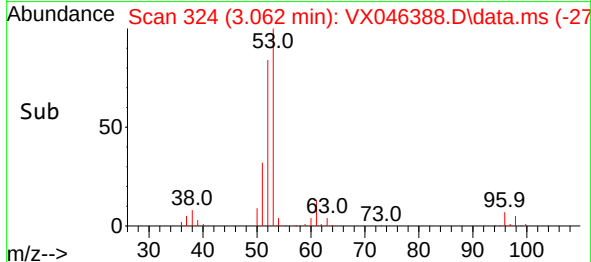
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 171334
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.8 29.8 44.8

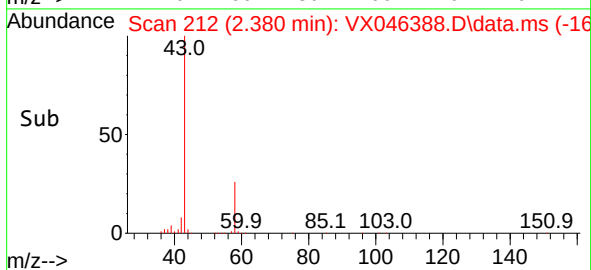
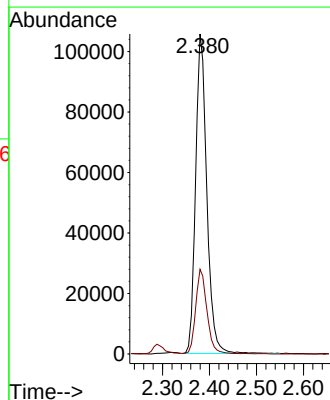
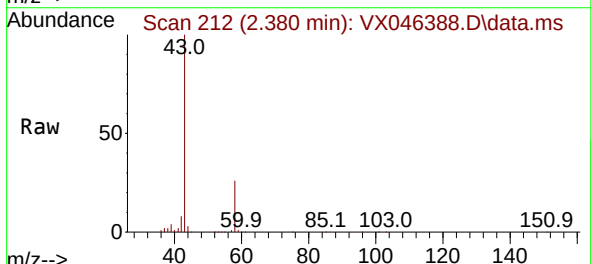
Manual Integrations
APPROVED

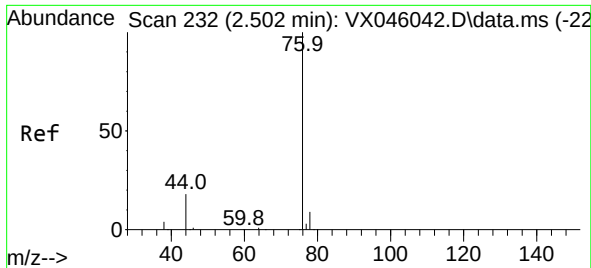
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#16
Acetone
Concen: 282.708 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

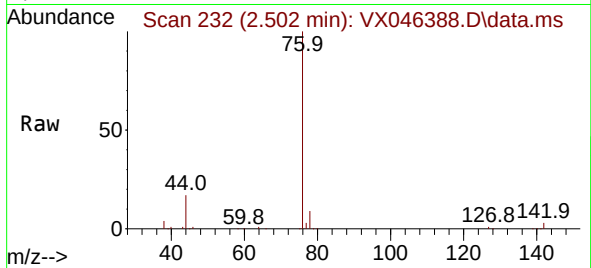
Tgt Ion: 43 Resp: 175783
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8





#17
Carbon Disulfide
Concen: 47.191 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

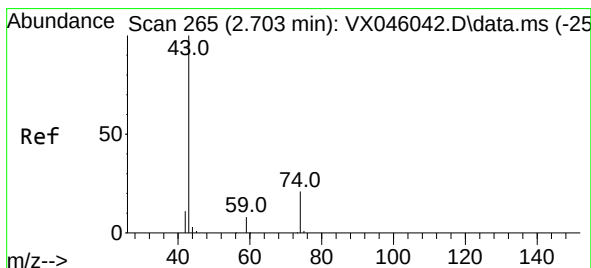
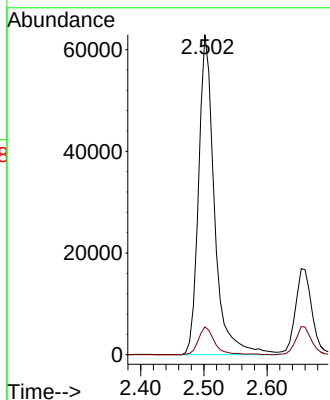
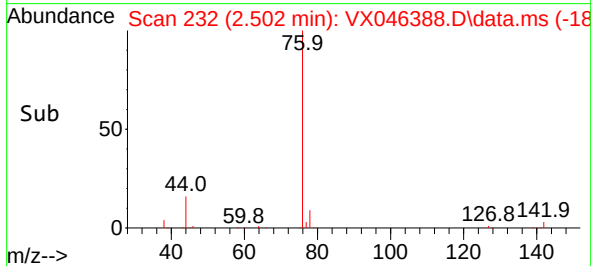
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 110349
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

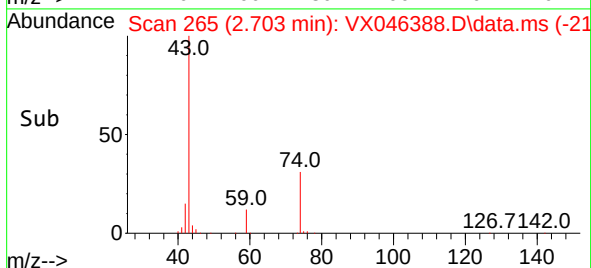
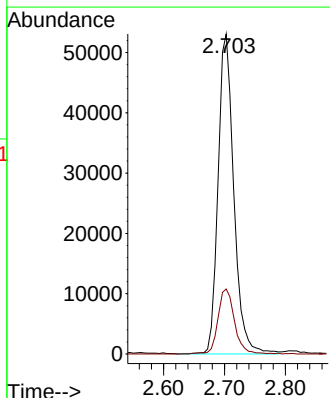
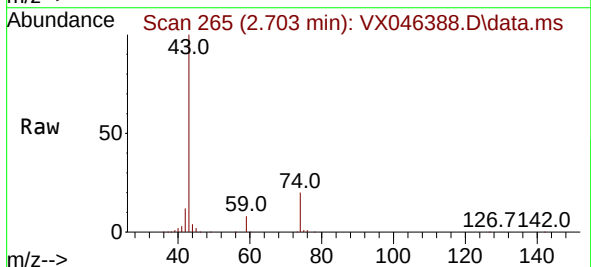
Manual Integrations
APPROVED

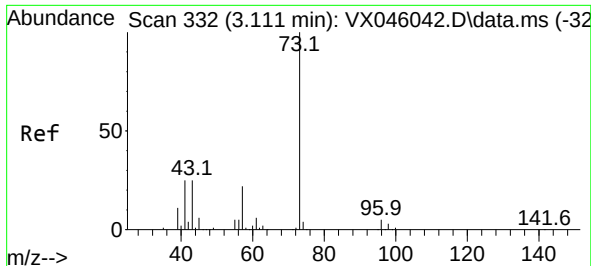
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#18
Methyl Acetate
Concen: 65.957 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

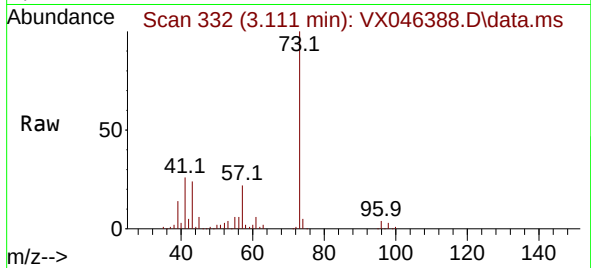
Tgt Ion: 43 Resp: 95167
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 53.941 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

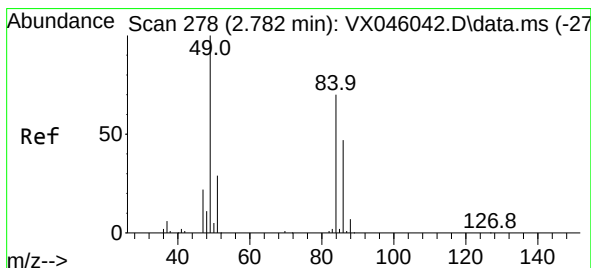
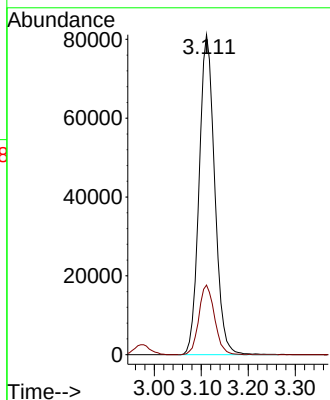
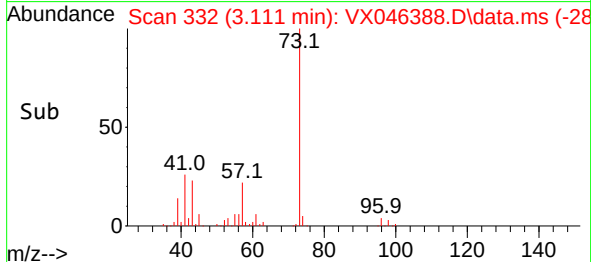
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 18652
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

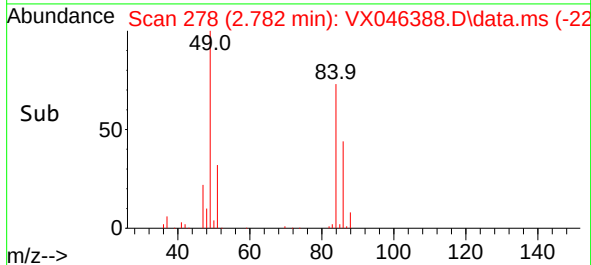
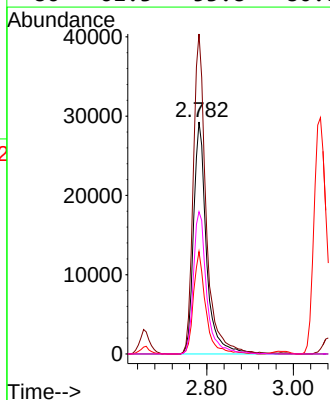
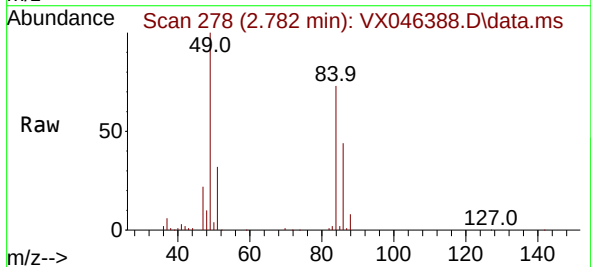
Manual Integrations
APPROVED

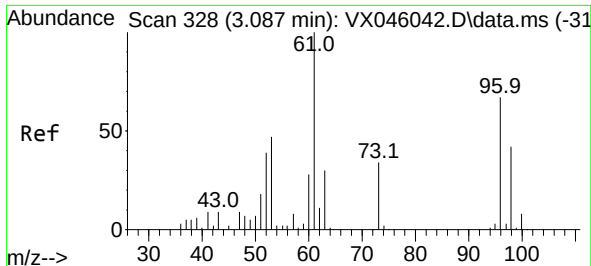
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 50.683 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion: 84 Resp: 60391
Ion Ratio Lower Upper
84 100
49 137.9 113.9 170.9
51 44.1 33.5 50.3
86 61.3 53.8 80.8





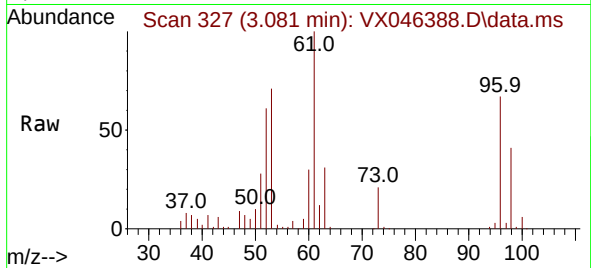
#21
trans-1,2-Dichloroethene
Concen: 53.058 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



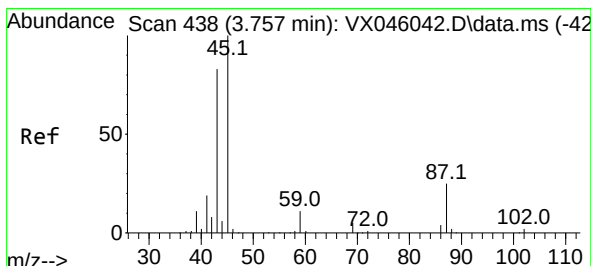
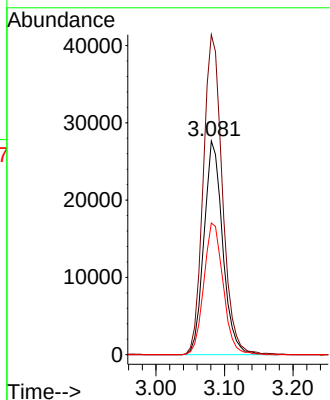
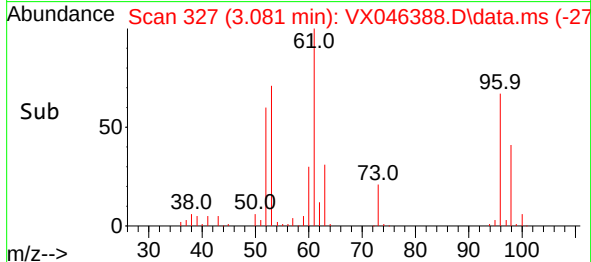
Tgt Ion: 96 Resp: 52628
Ion Ratio Lower Upper
96 100
61 149.7 119.5 179.3
98 61.6 50.0 75.0

Manual Integrations

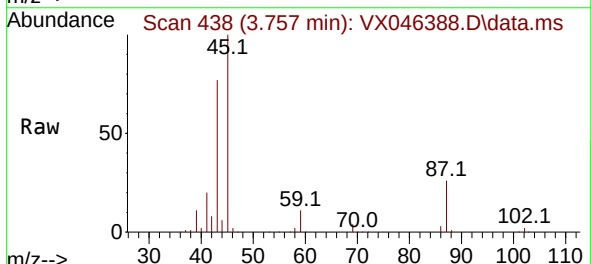
APPROVED

Reviewed By :John Carlone 05/29/2025

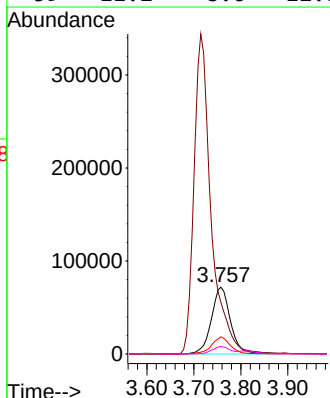
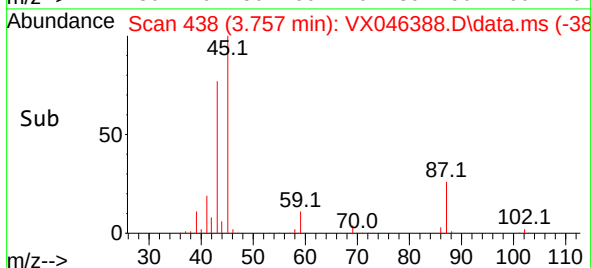
Supervised By :Mahesh Dadoda 05/29/2025

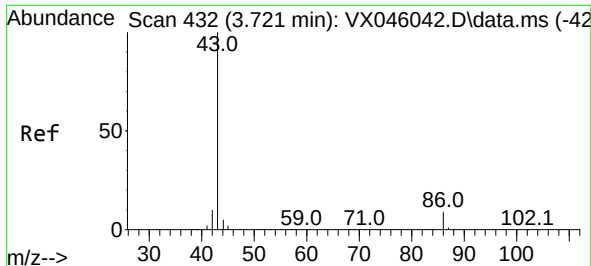


#22
Diisopropyl ether
Concen: 55.346 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



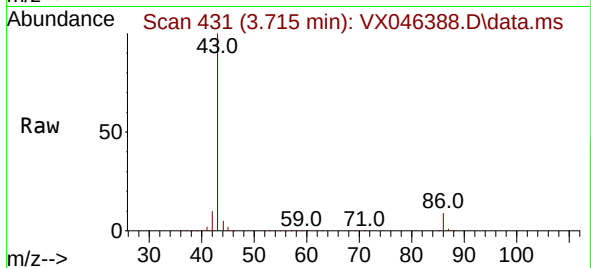
Tgt Ion: 45 Resp: 201528
Ion Ratio Lower Upper
45 100
43 77.1 66.6 100.0
87 25.6 19.8 29.6
59 11.2 8.6 12.8





#23
 Vinyl Acetate
 Concen: 272.804 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046388.D
 Acq: 28 May 2025 16:47

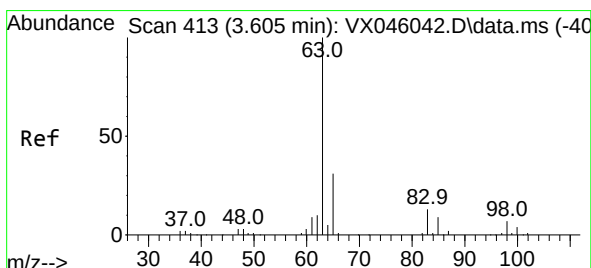
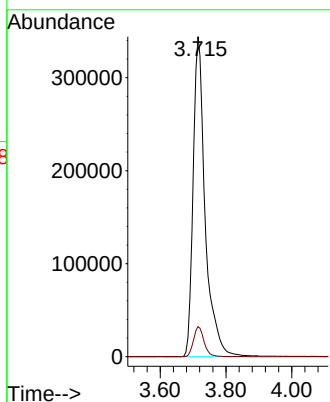
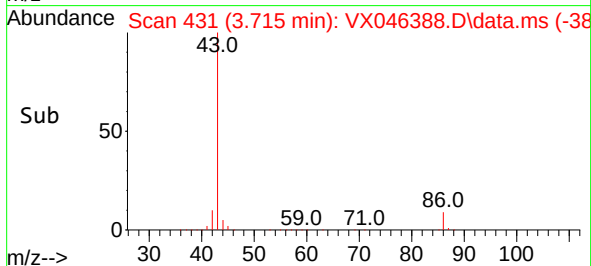
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



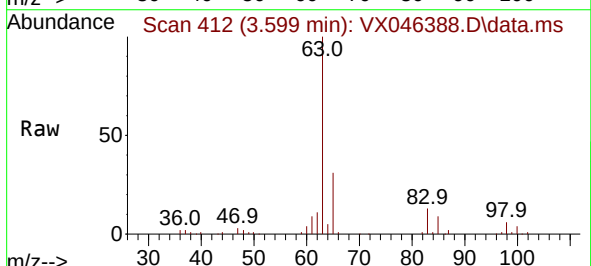
Tgt Ion: 43 Resp: 87367
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

Manual Integrations
 APPROVED

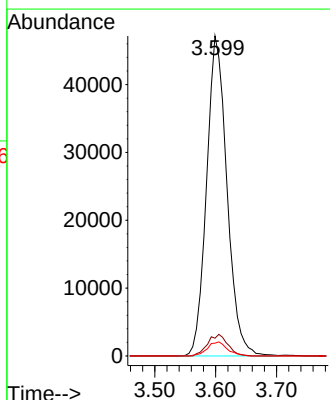
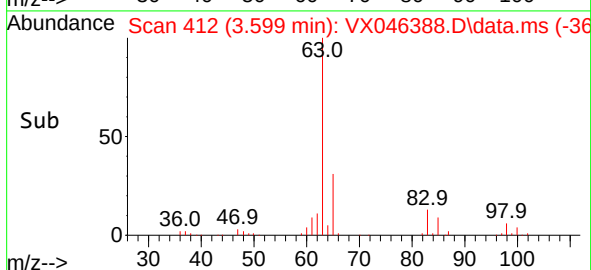
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

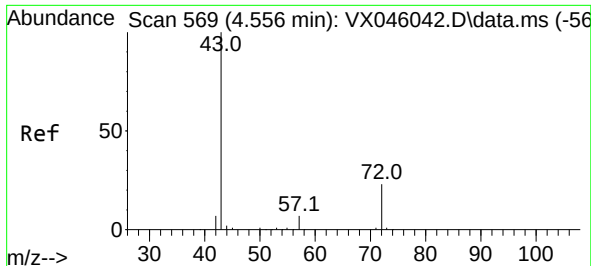


#24
 1,1-Dichloroethane
 Concen: 54.205 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046388.D
 Acq: 28 May 2025 16:47



Tgt Ion: 63 Resp: 109931
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.6 10.8
 100 4.0 2.1 6.3





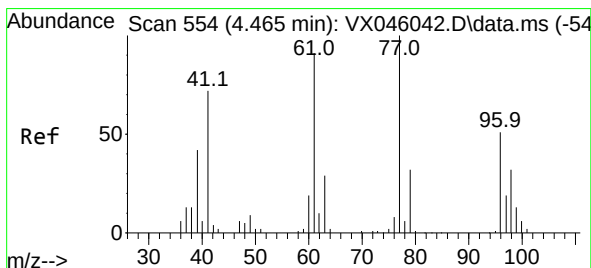
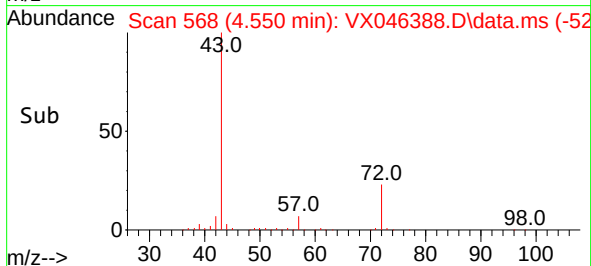
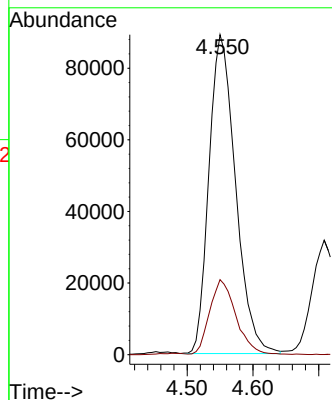
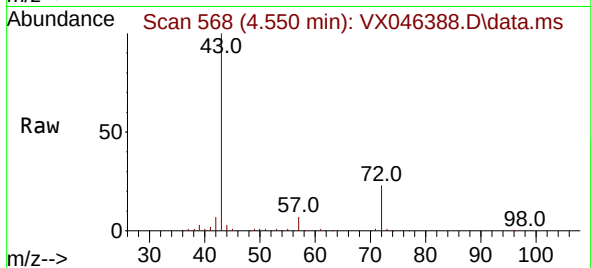
#25
2-Butanone
Concen: 277.508 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 25050
Ion Ratio Lower Upper
43 100
72 23.3 18.4 27.6

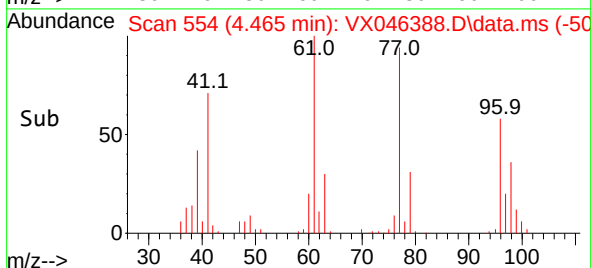
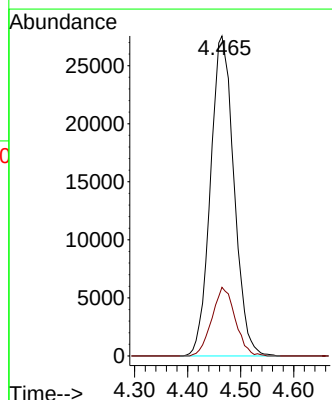
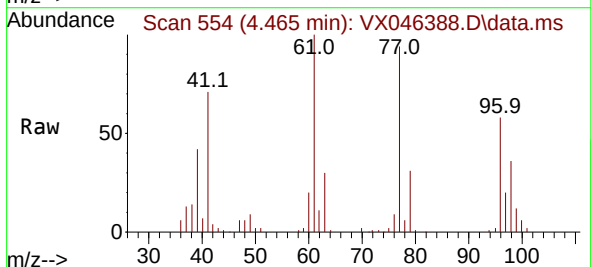
Manual Integrations
APPROVED

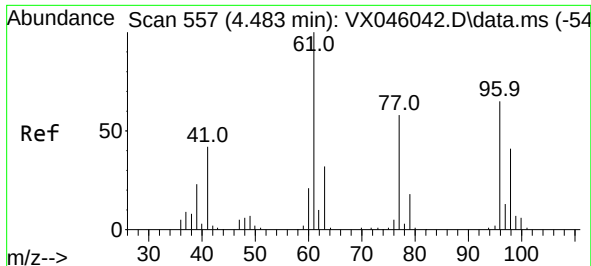
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 53.501 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

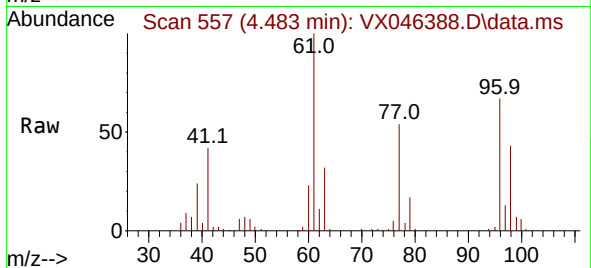
Tgt Ion: 77 Resp: 84927
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 53.435 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX046388.D
 Acq: 28 May 2025 16:47

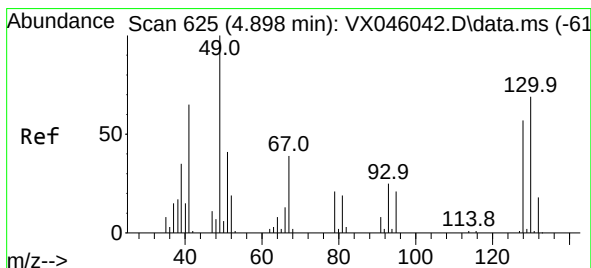
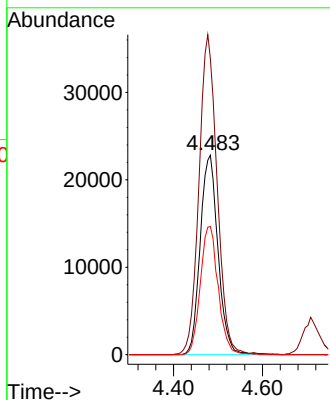
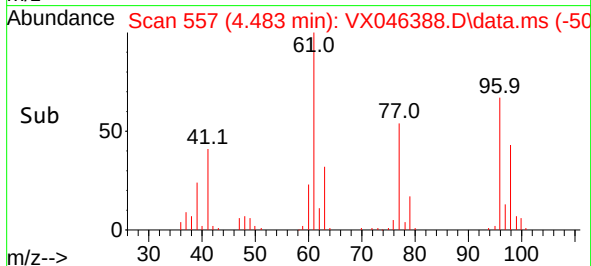
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 6380
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 322.8
 98 64.3 0.0 129.0

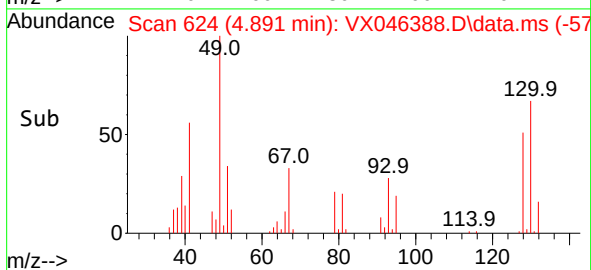
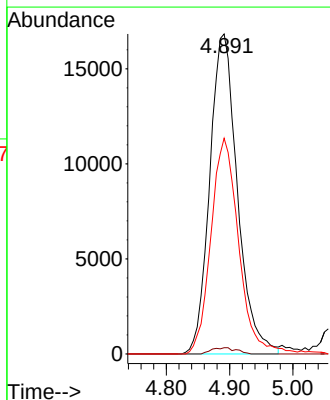
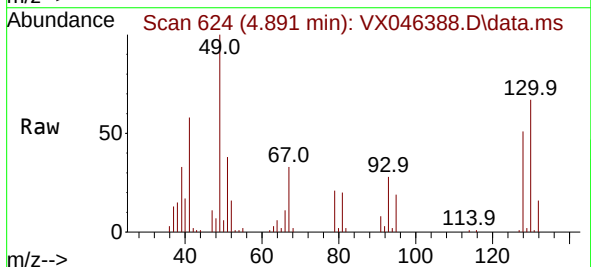
Manual Integrations
 APPROVED

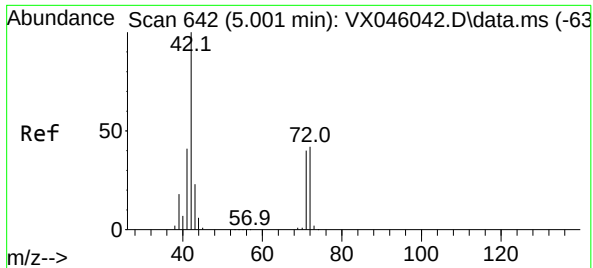
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 52.404 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046388.D
 Acq: 28 May 2025 16:47

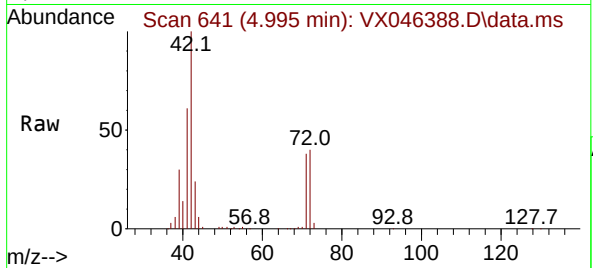
Tgt Ion: 49 Resp: 51157
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 67.5 56.2 84.2





#29
Tetrahydrofuran
Concen: 275.783 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

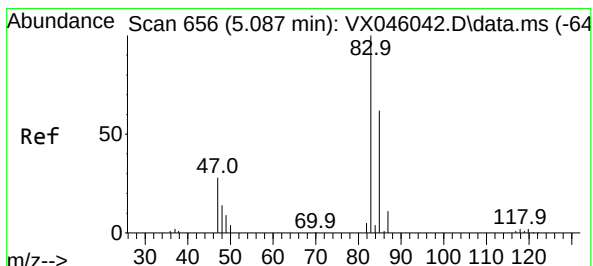
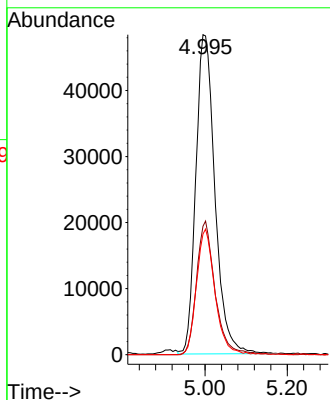
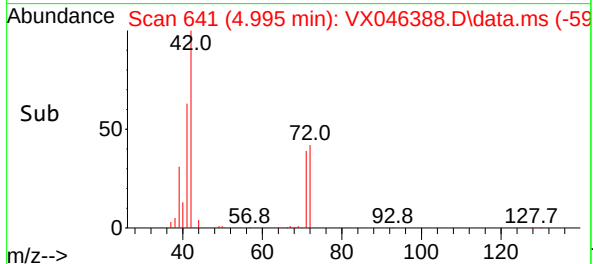
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 155997
Ion Ratio Lower Upper
42 100
72 40.5 33.7 50.5
71 38.0 31.4 47.2

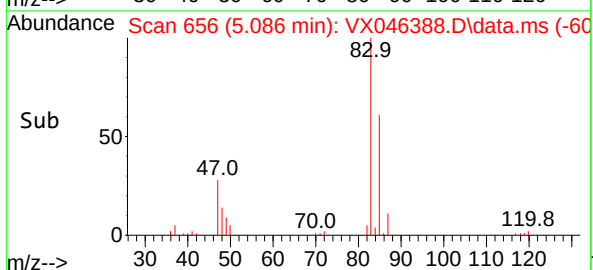
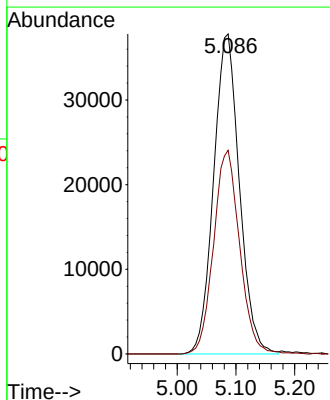
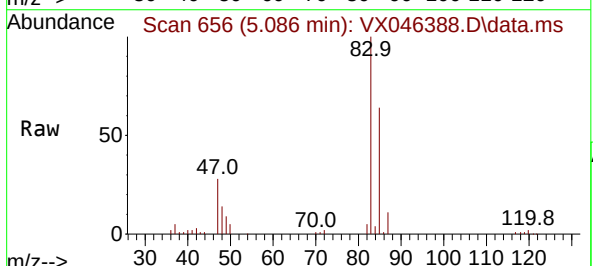
Manual Integrations
APPROVED

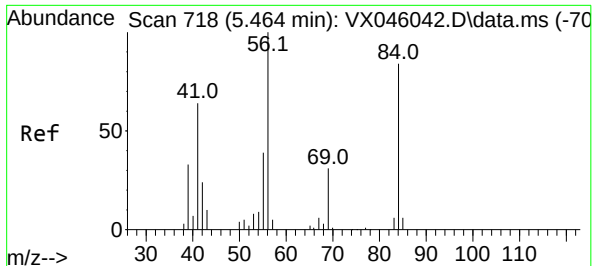
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#30
Chloroform
Concen: 54.528 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

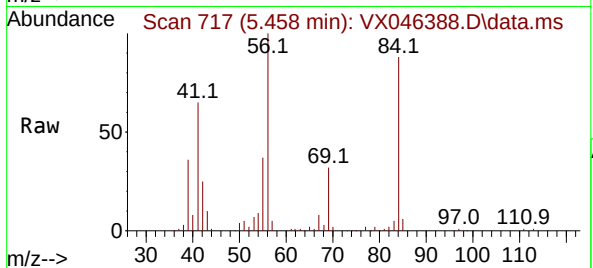
Tgt Ion: 83 Resp: 115265
Ion Ratio Lower Upper
83 100
85 63.7 49.3 73.9





#31
Cyclohexane
Concen: 51.956 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

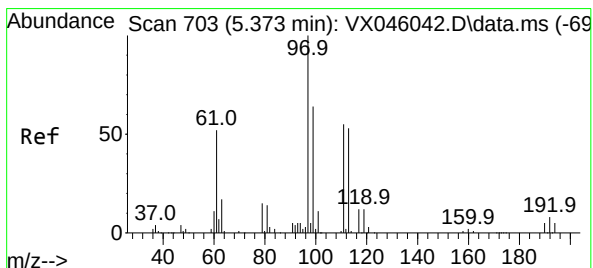
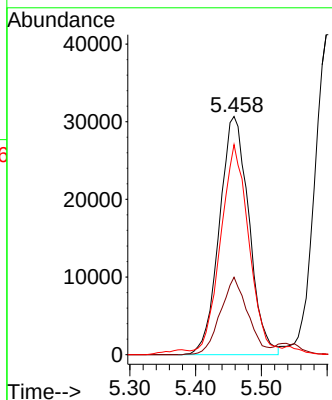
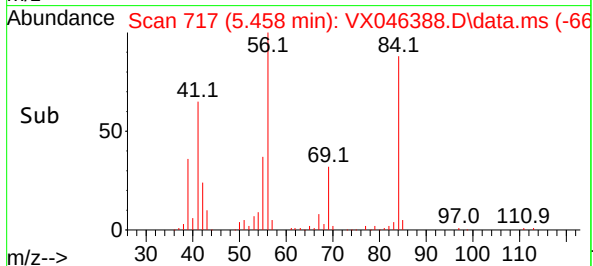
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 96020
Ion Ratio Lower Upper
56 100
69 32.5 24.4 36.6
84 86.2 66.9 100.3

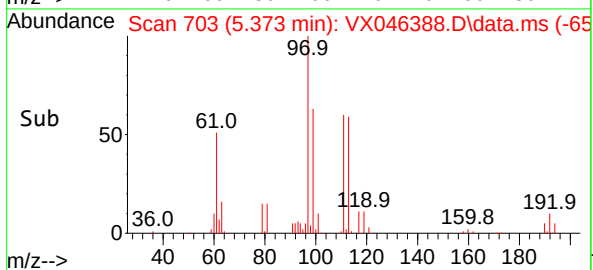
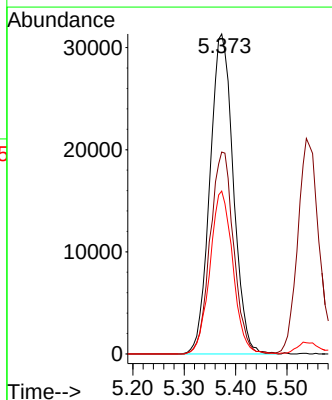
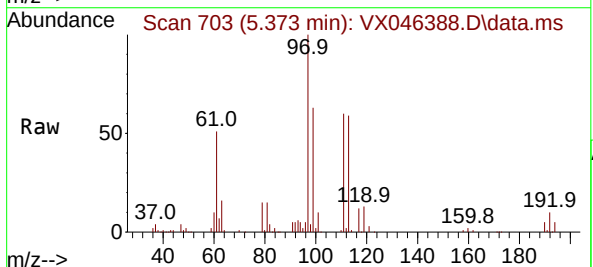
Manual Integrations
APPROVED

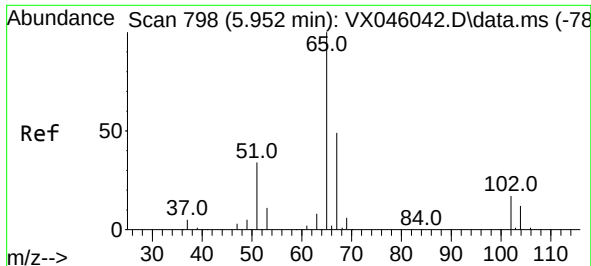
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#32
1,1,1-Trichloroethane
Concen: 54.030 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion: 97 Resp: 99006
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 50.0 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 50.984 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

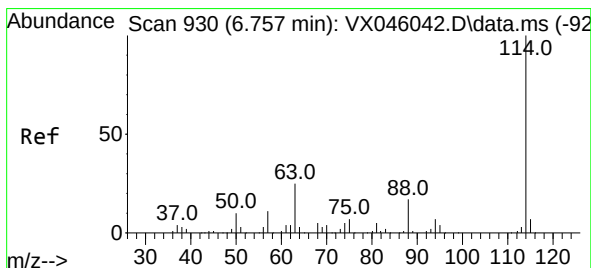
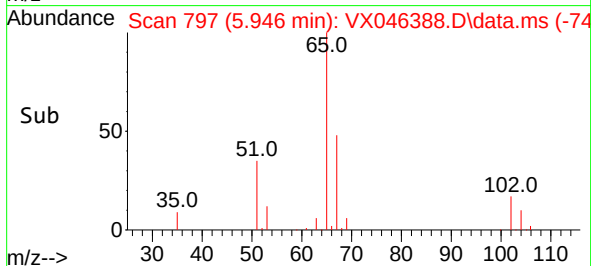
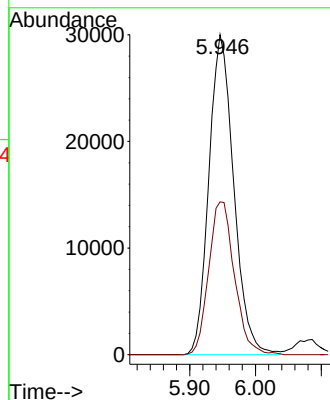
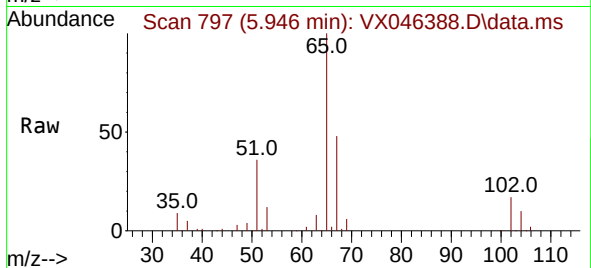
Tgt Ion: 65 Resp: 79064
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

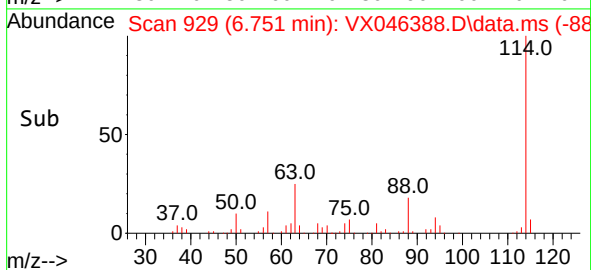
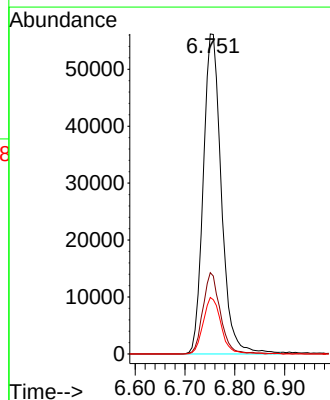
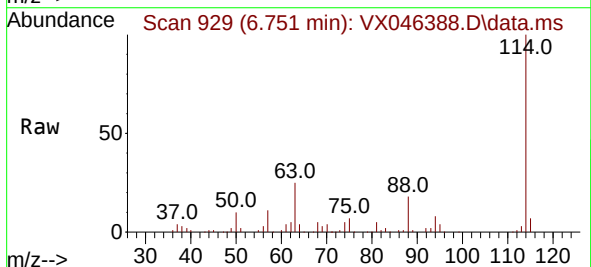
RT: 6.751 min Scan# 929

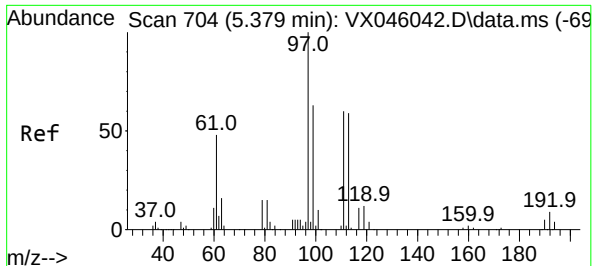
Delta R.T. -0.006 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Tgt Ion:114 Resp: 141561
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 54.044 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

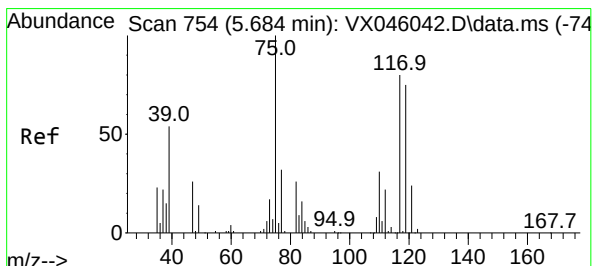
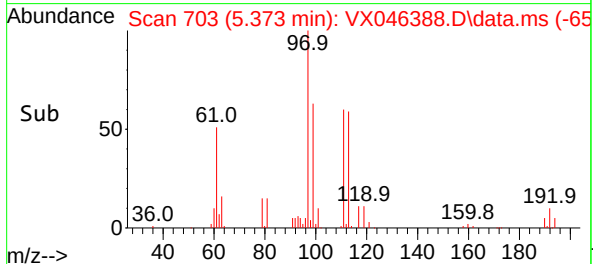
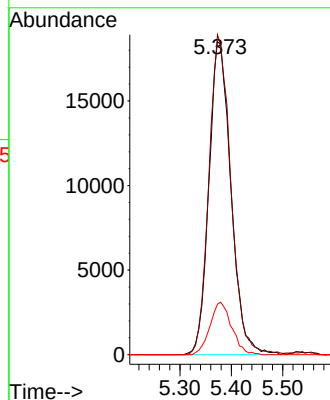
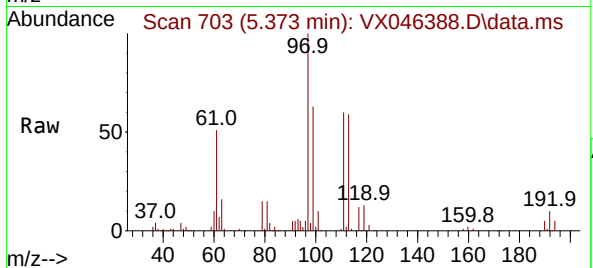
Tgt Ion:	113	Resp:	55092
Ion Ratio	Lower	Upper	
113	100		
111	101.9	83.1	124.7
192	16.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#36

1,1-Dichloropropene

Concen: 53.262 ug/l

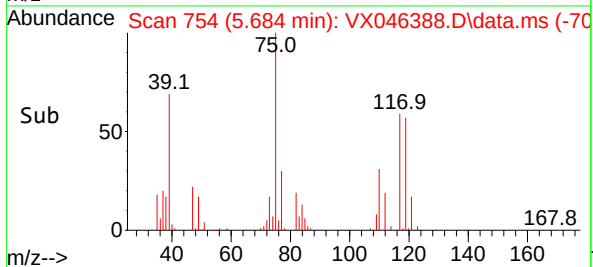
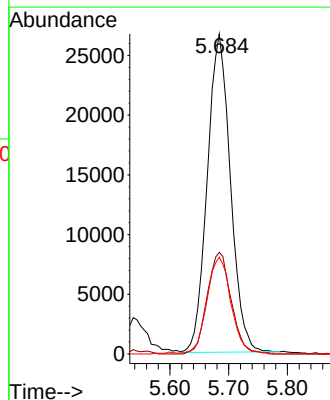
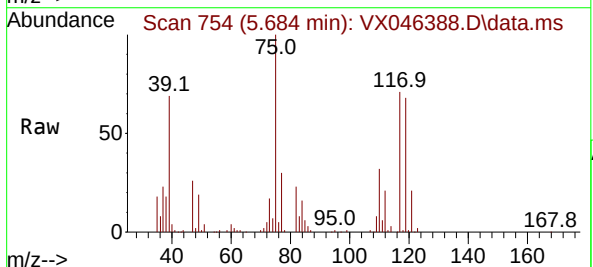
RT: 5.684 min Scan# 754

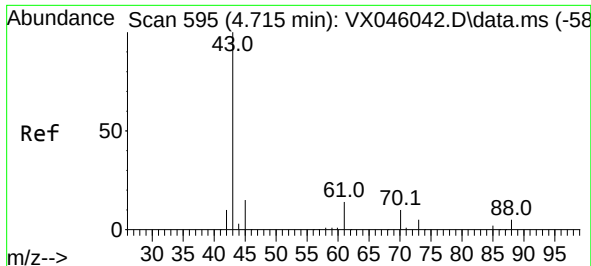
Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

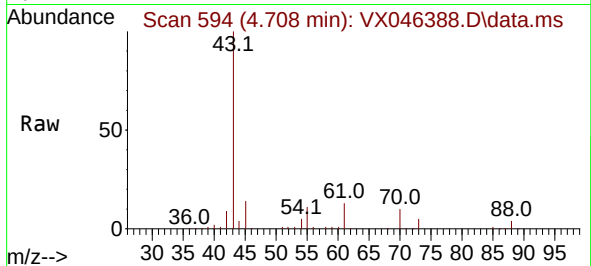
Tgt Ion:	75	Resp:	72951
Ion Ratio	Lower	Upper	
75	100		
110	33.1	16.3	48.9
77	31.5	24.3	36.5





#37
Ethyl Acetate
Concen: 54.438 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

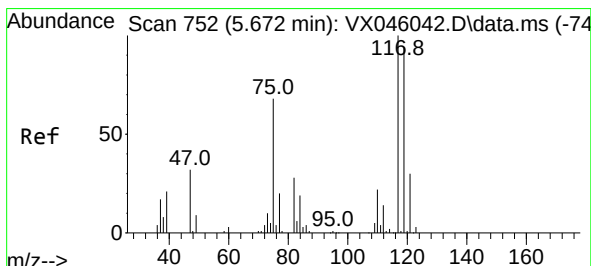
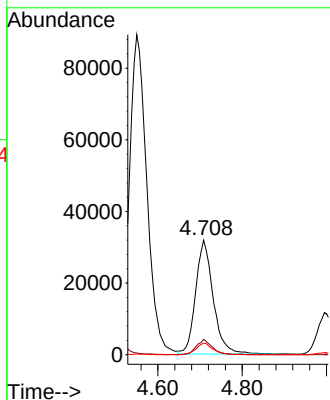
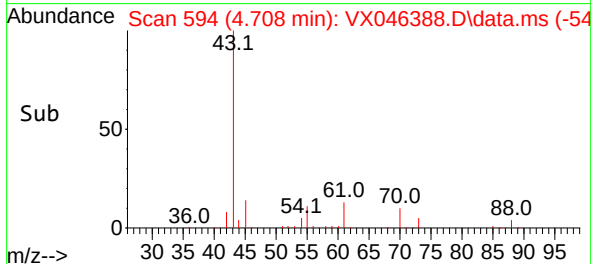
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 92120
Ion Ratio Lower Upper
43 100
61 12.2 10.3 15.5
70 9.6 7.9 11.9

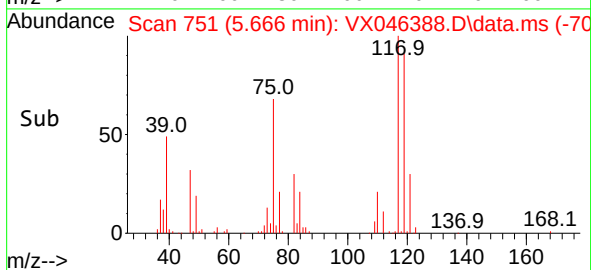
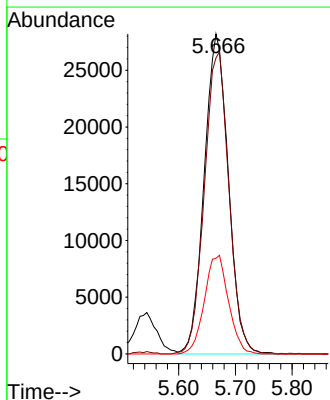
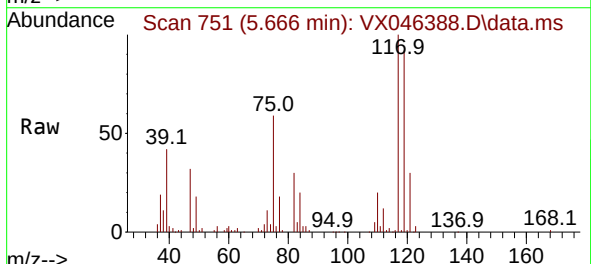
Manual Integrations
APPROVED

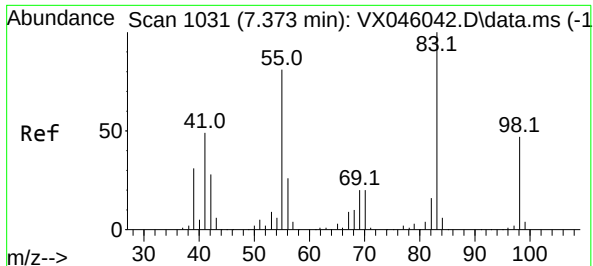
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 54.228 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion:117 Resp: 83453
Ion Ratio Lower Upper
117 100
119 92.5 75.2 112.8
121 29.9 24.2 36.4





#39

Methylcyclohexane

Concen: 53.979 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

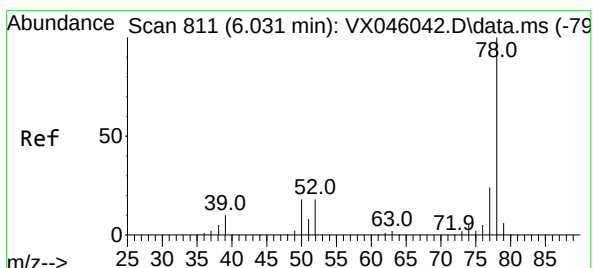
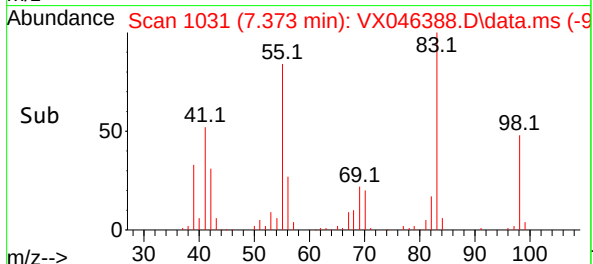
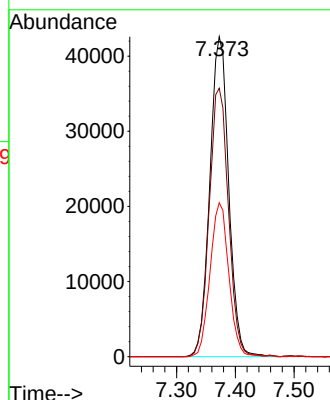
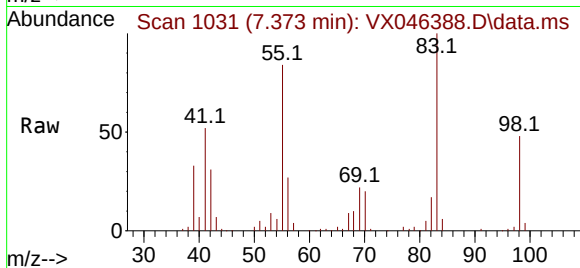
Tgt Ion: 83	Resp: 9518
Ion Ratio	Lower Upper
83	100
55	83.9 64.7 97.1
98	48.1 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 54.708 ug/l

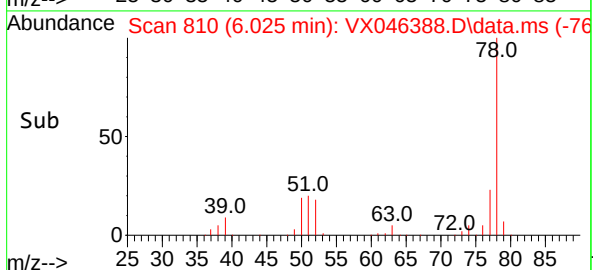
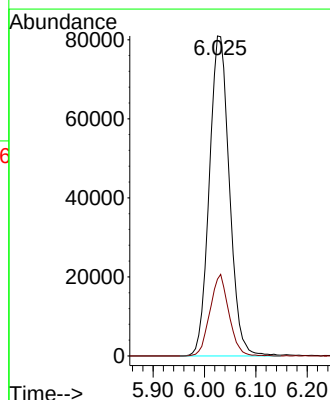
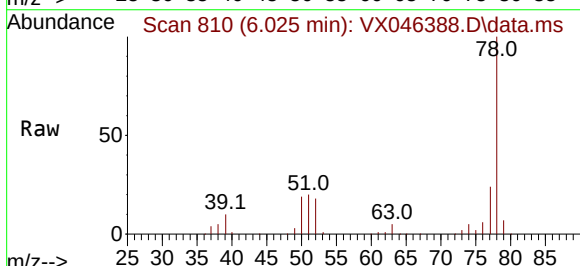
RT: 6.025 min Scan# 810

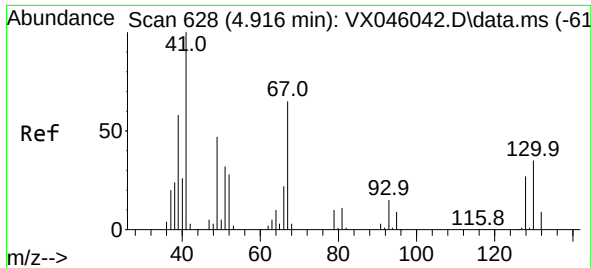
Delta R.T. -0.006 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Tgt Ion: 78	Resp: 219480
Ion Ratio	Lower Upper
78	100
77	24.0 19.0 28.4





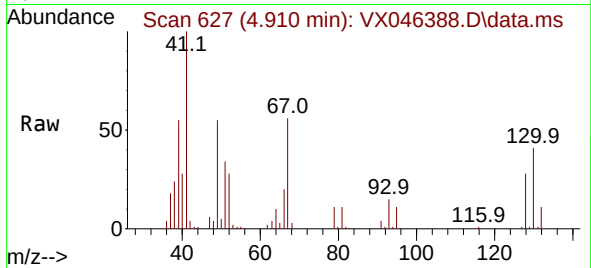
#41
Methacrylonitrile
Concen: 62.512 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



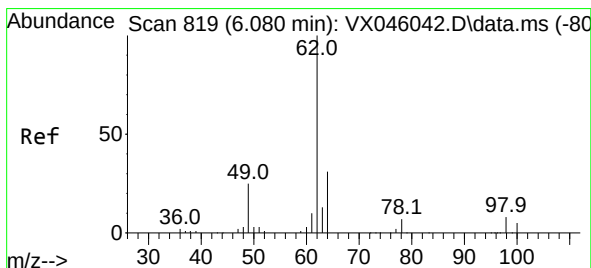
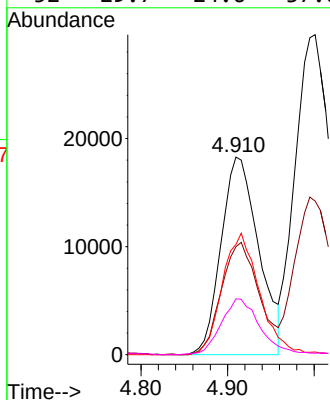
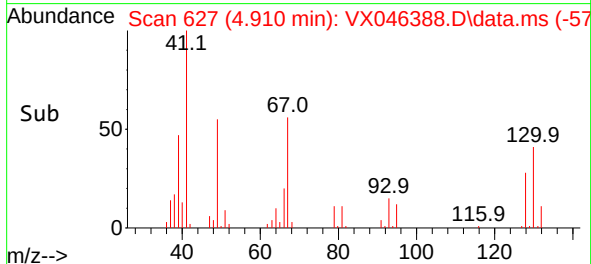
Tgt Ion: 41 Resp: 55330
Ion Ratio Lower Upper
41 100
39 56.9 47.2 70.8
67 61.3 50.7 76.1
52 29.7 24.6 37.0

Manual Integrations

APPROVED

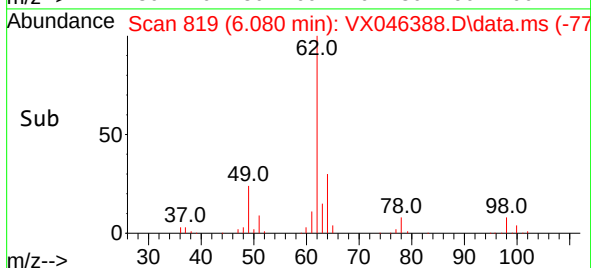
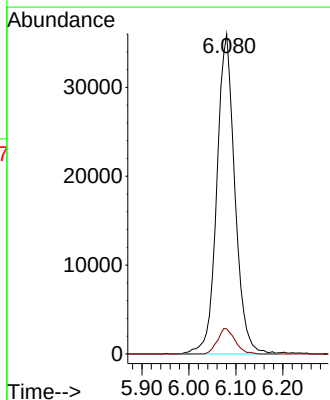
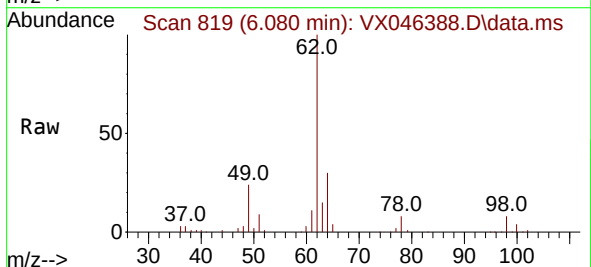
Reviewed By :John Carlone 05/29/2025

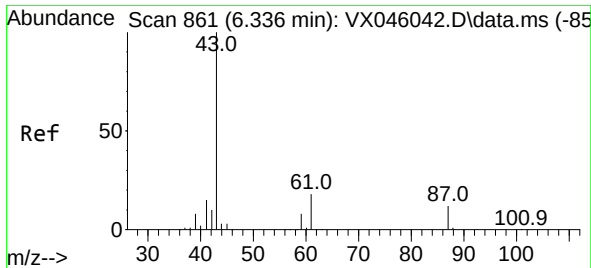
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 55.642 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

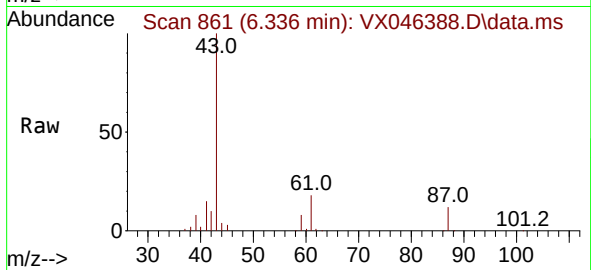
Tgt Ion: 62 Resp: 96342
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 57.759 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

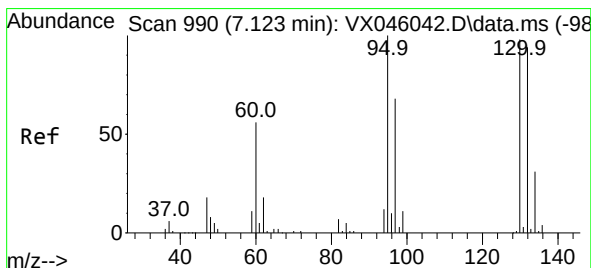
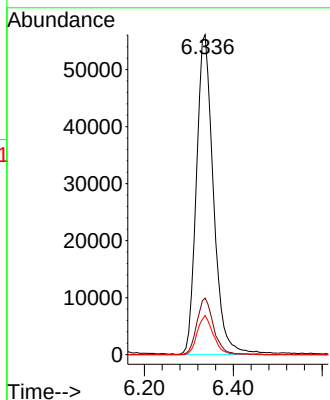
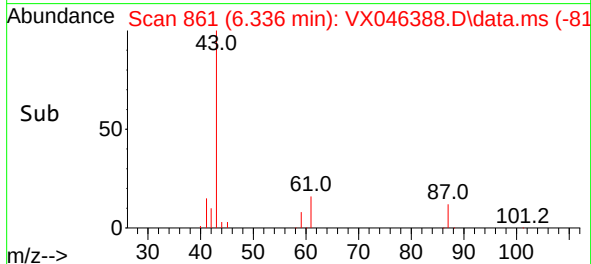
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14910
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 11.5 9.5 14.3

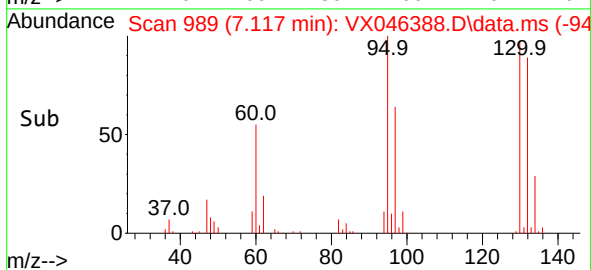
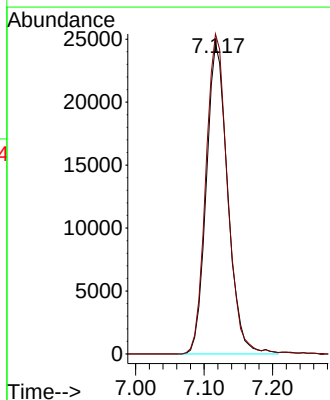
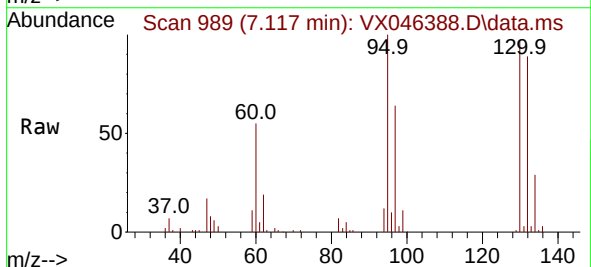
Manual Integrations
APPROVED

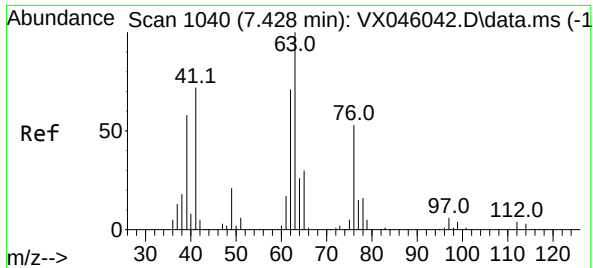
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 55.530 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion:130 Resp: 53618
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.2





#45

1,2-Dichloropropane

Concen: 56.573 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5643

Ion Ratio Lower Upper

63 100

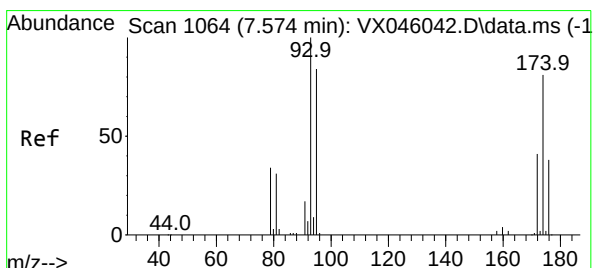
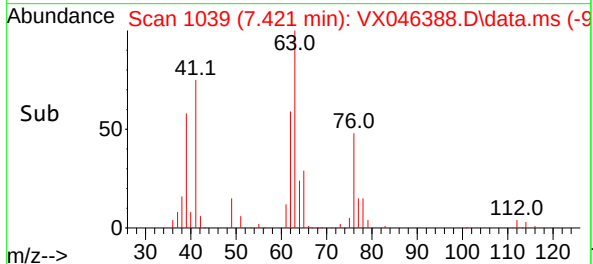
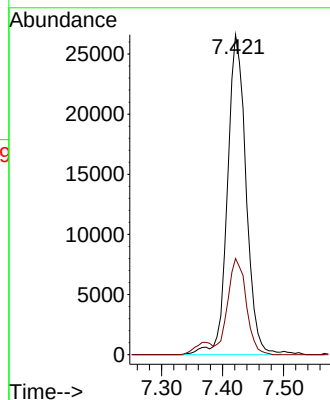
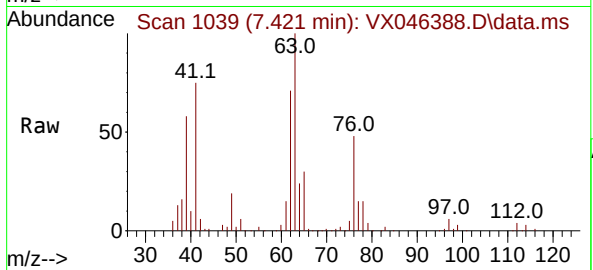
65 30.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 54.575 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

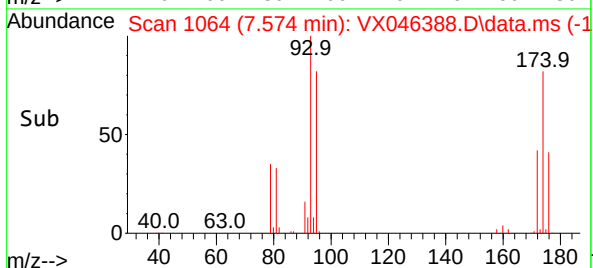
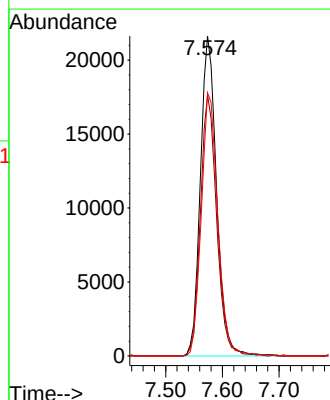
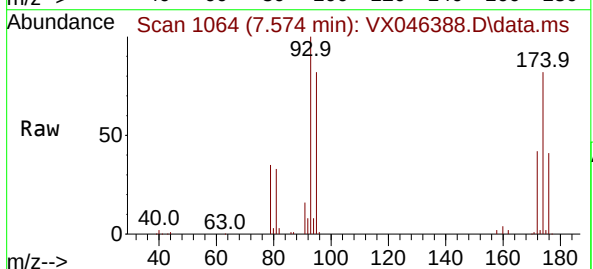
Tgt Ion: 93 Resp: 42939

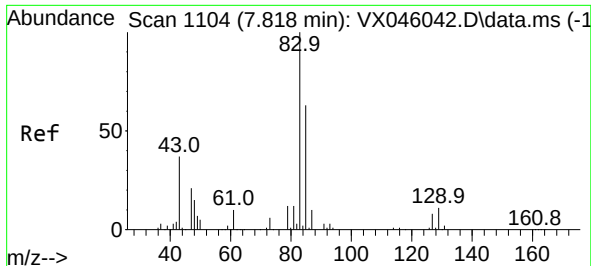
Ion Ratio Lower Upper

93 100

95 81.9 65.6 98.4

174 83.8 68.2 102.2





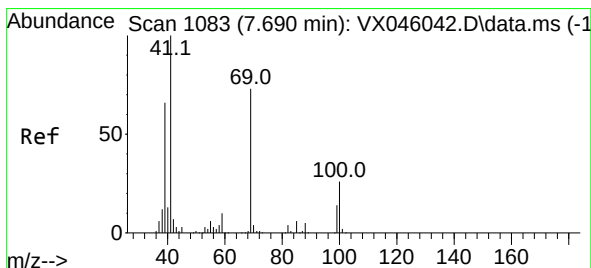
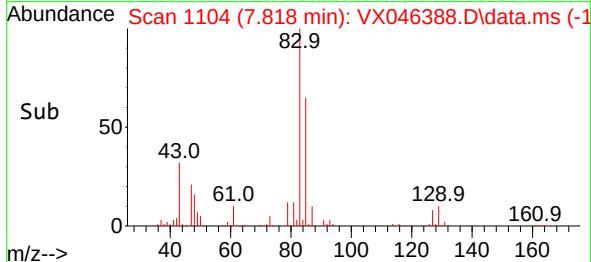
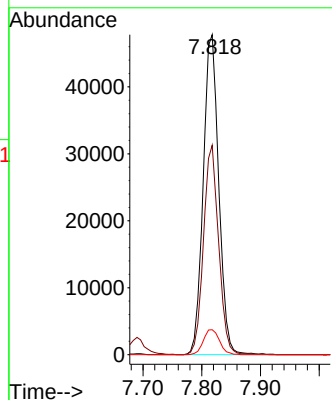
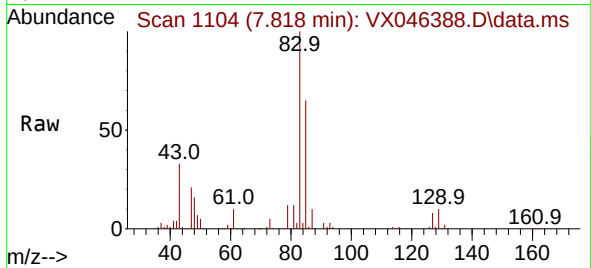
#47
Bromodichloromethane
Concen: 56.702 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8786
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 7.8 6.5 9.7

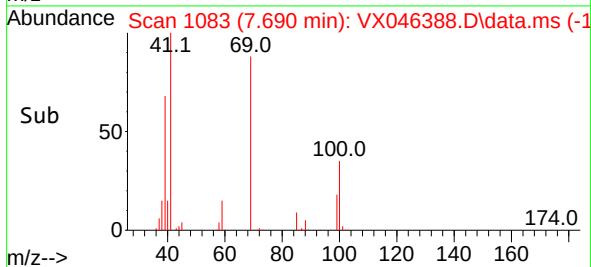
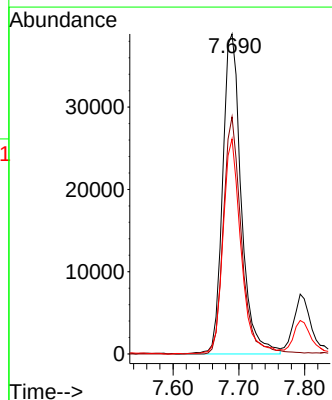
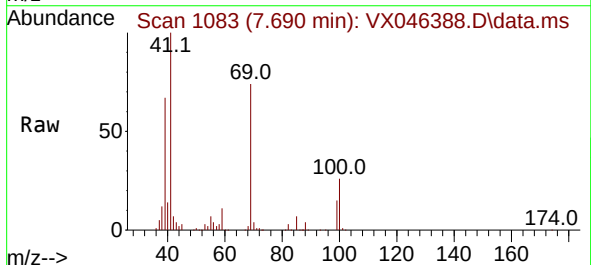
Manual Integrations
APPROVED

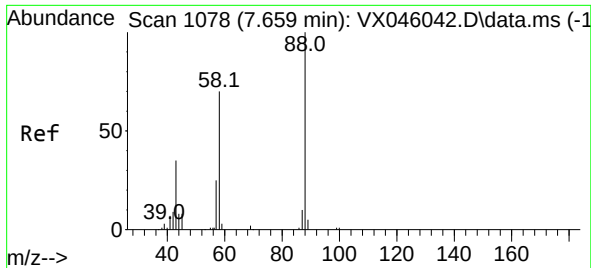
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#48
Methyl methacrylate
Concen: 57.962 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

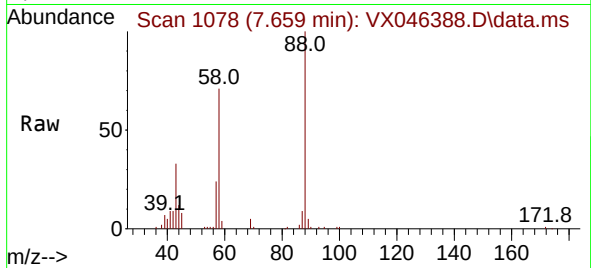
Tgt Ion: 41 Resp: 76419
Ion Ratio Lower Upper
41 100
69 72.1 58.5 87.7
39 65.7 51.7 77.5





#49
1,4-Dioxane
Concen: 1051.680 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

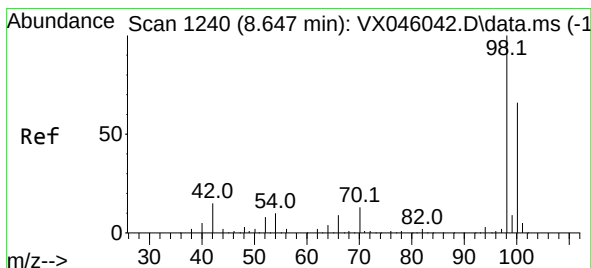
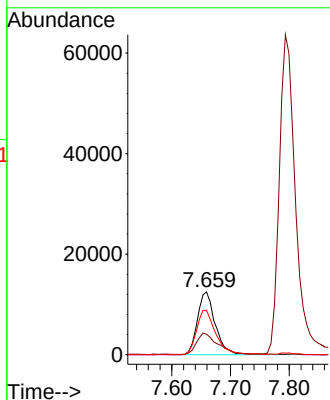
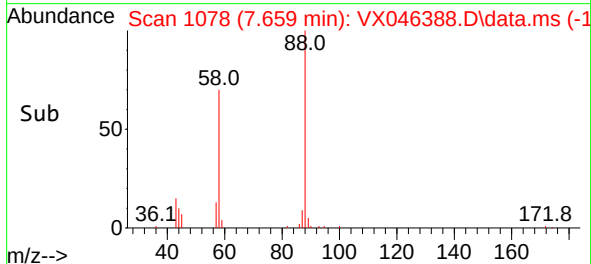
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2632
Ion Ratio Lower Upper
88 100
43 39.6 33.4 50.2
58 75.7 58.6 88.0

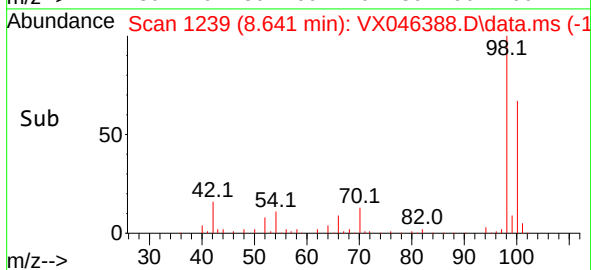
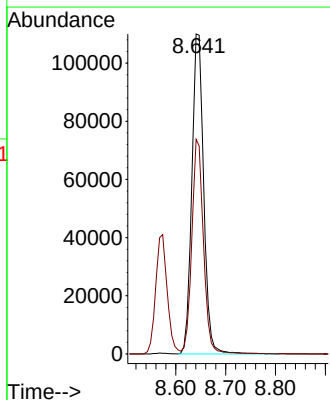
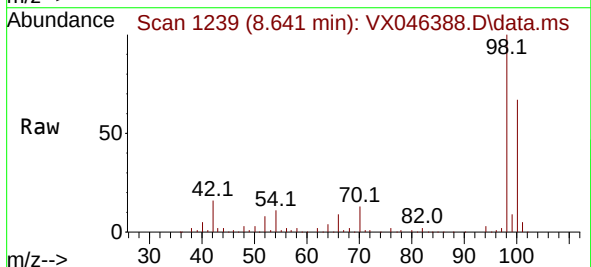
Manual Integrations
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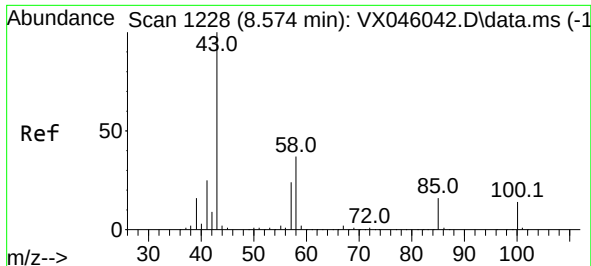
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 51.490 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion: 98 Resp: 181670
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3





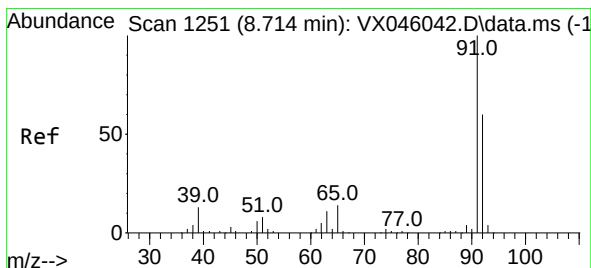
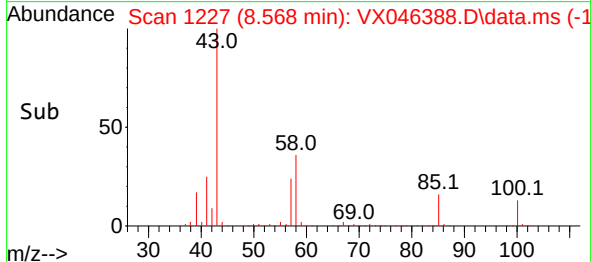
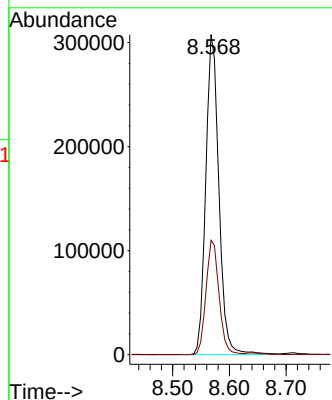
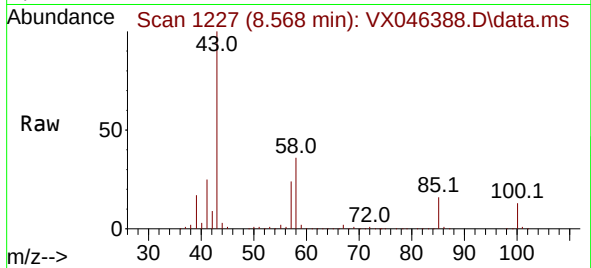
#51
4-Methyl-2-Pentanone
Concen: 288.111 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 49370
Ion Ratio Lower Upper
43 100
58 35.5 28.9 43.3

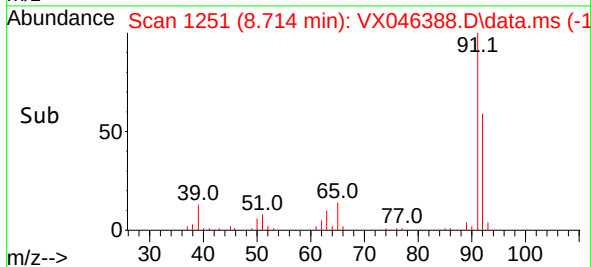
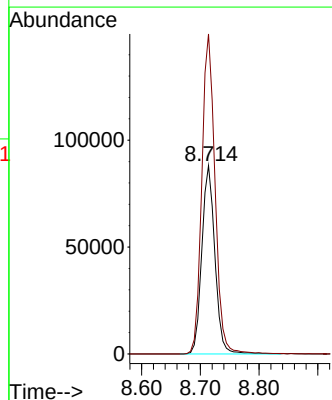
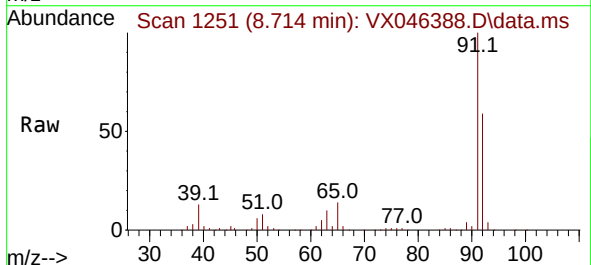
Manual Integrations
APPROVED

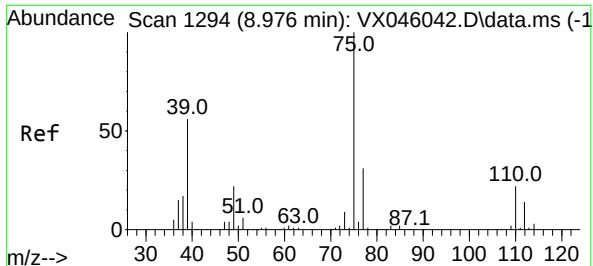
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 55.210 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion: 92 Resp: 135816
Ion Ratio Lower Upper
92 100
91 172.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 56.437 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 77730

Ion Ratio Lower Upper

75 100

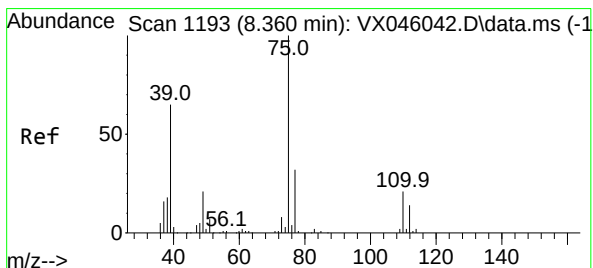
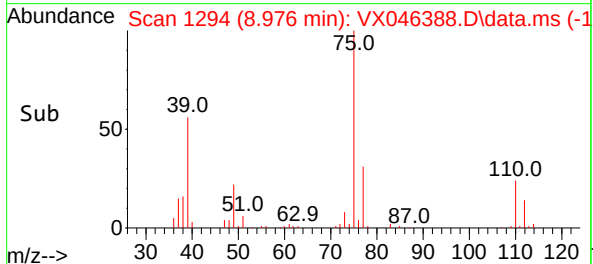
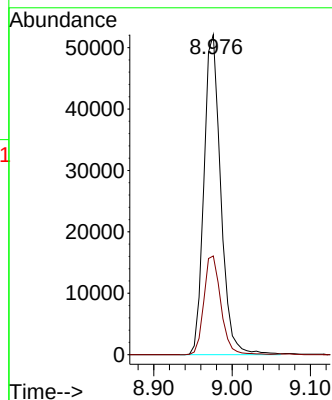
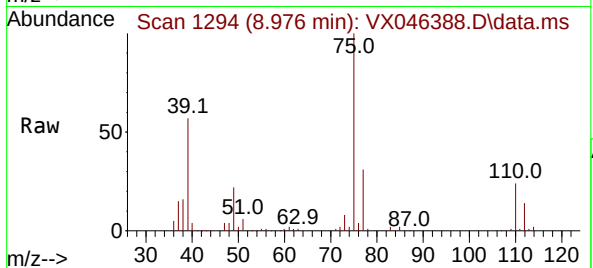
77 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#54

cis-1,3-Dichloropropene

Concen: 58.003 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

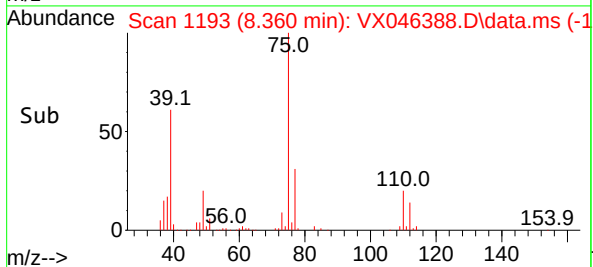
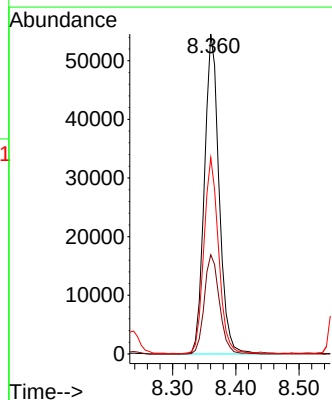
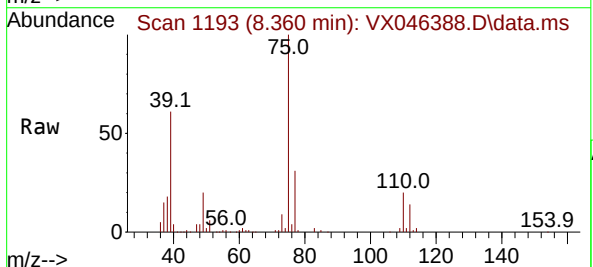
Tgt Ion: 75 Resp: 88302

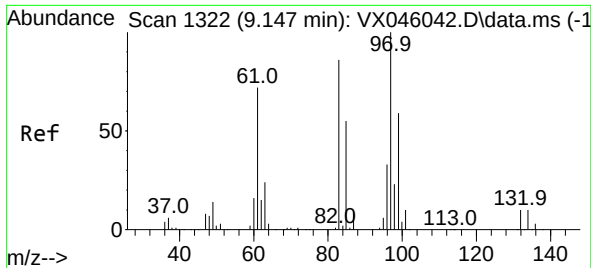
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 61.2 52.2 78.4





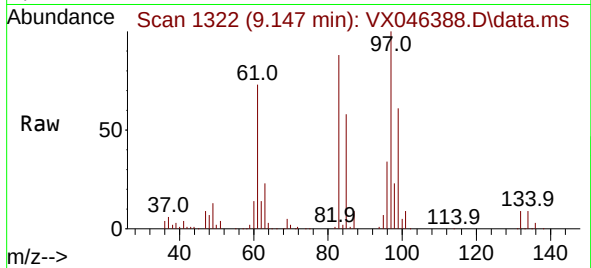
#55
1,1,2-Trichloroethane
Concen: 56.182 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



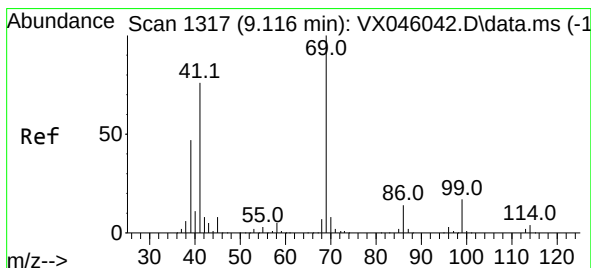
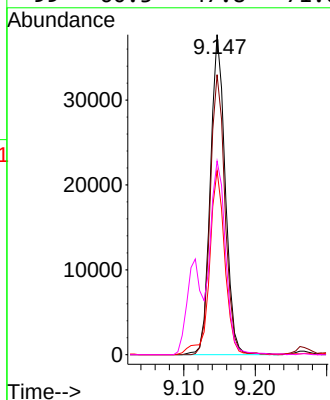
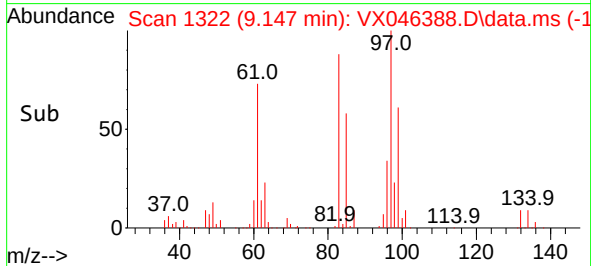
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.0	103.6
85	57.5	44.3	66.5
99	60.3	47.8	71.6

Manual Integrations

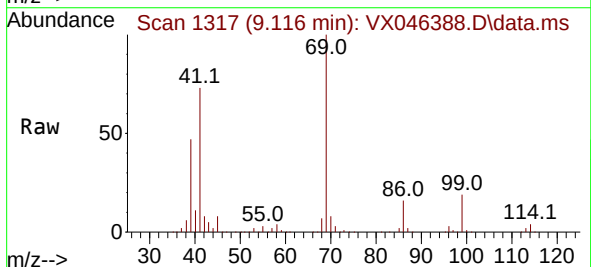
APPROVED

Reviewed By :John Carlone 05/29/2025

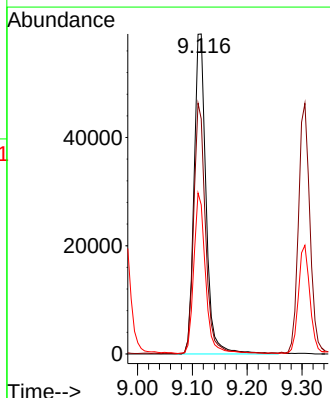
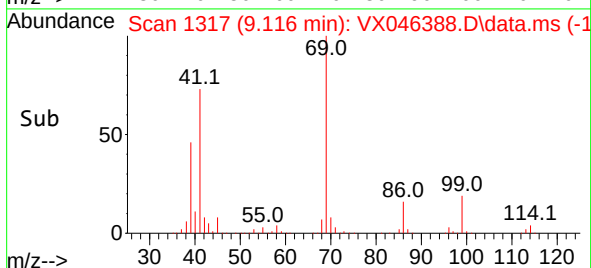
Supervised By :Mahesh Dadoda 05/29/2025

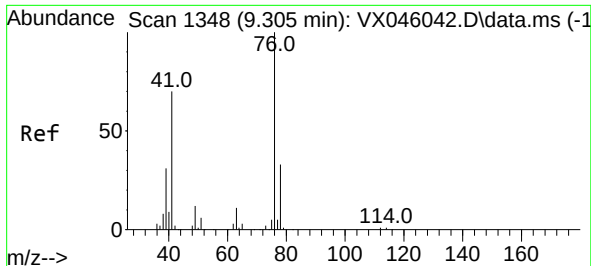


#56
Ethyl methacrylate
Concen: 58.516 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.8	91.2
39	49.1	39.0	58.6





#57

1,3-Dichloropropane

Concen: 55.015 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9583

Ion Ratio Lower Upper

76 100

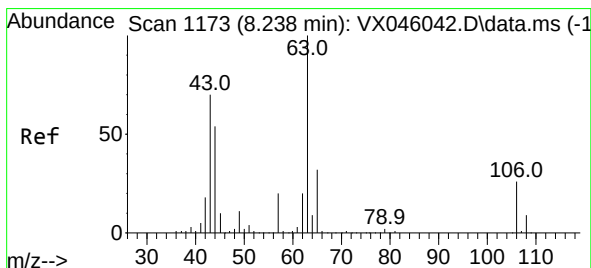
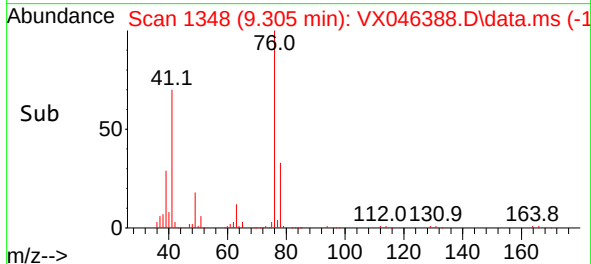
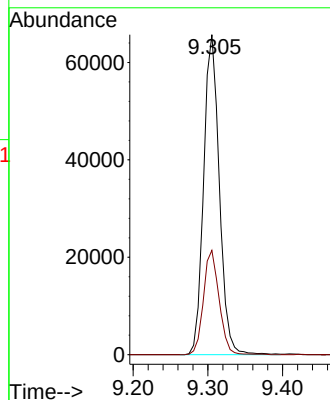
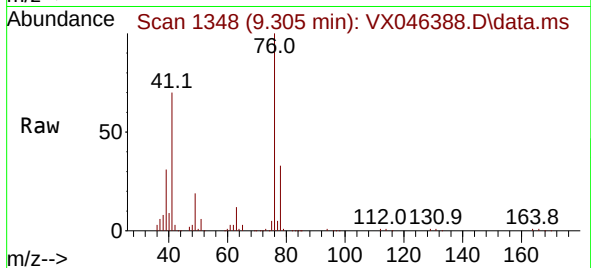
78 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 282.987 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046388.D

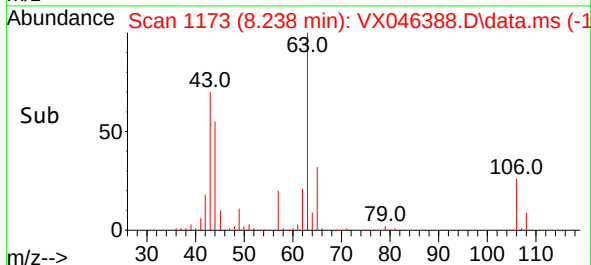
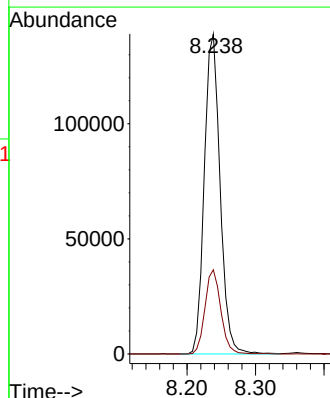
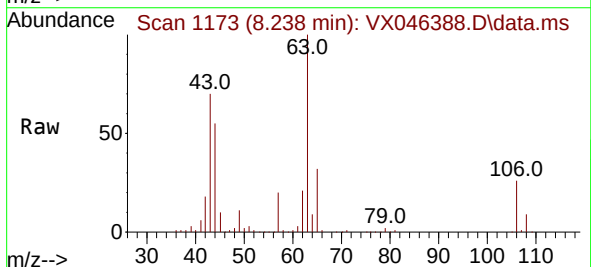
Acq: 28 May 2025 16:47

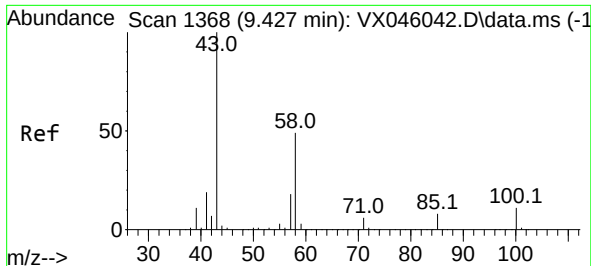
Tgt Ion: 63 Resp: 223035

Ion Ratio Lower Upper

63 100

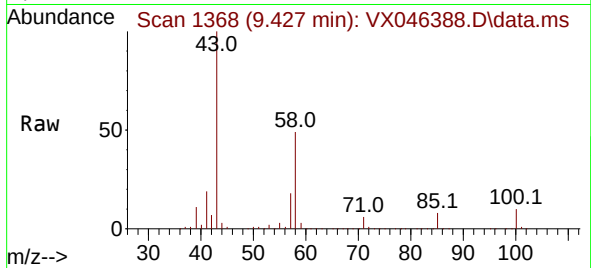
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 292.119 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

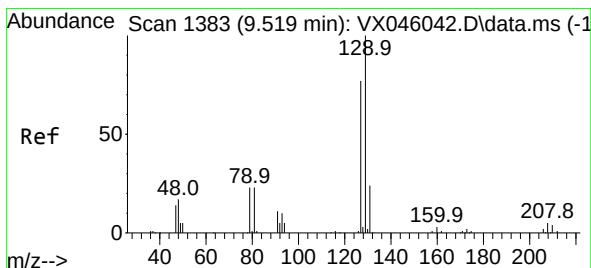
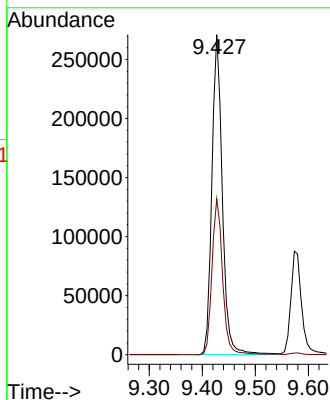
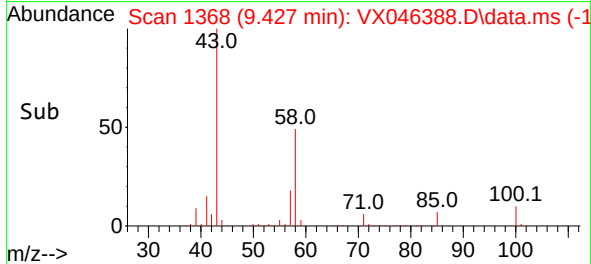
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 37034
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

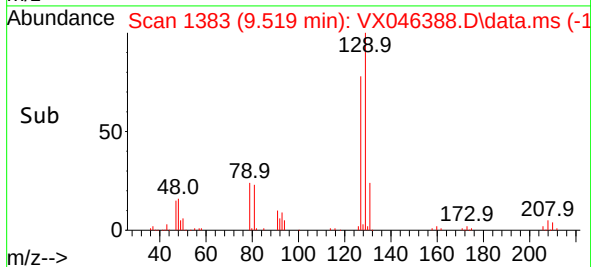
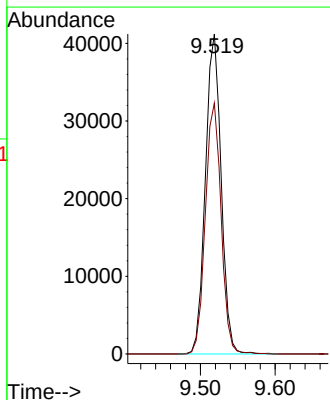
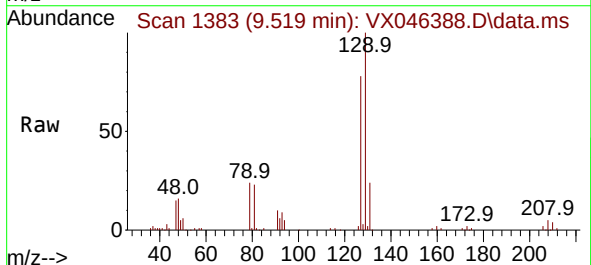
Manual Integrations
APPROVED

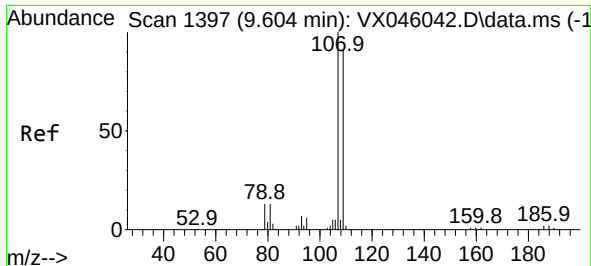
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 56.631 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion:129 Resp: 60327
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.8





#61
1,2-Dibromoethane
Concen: 56.277 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

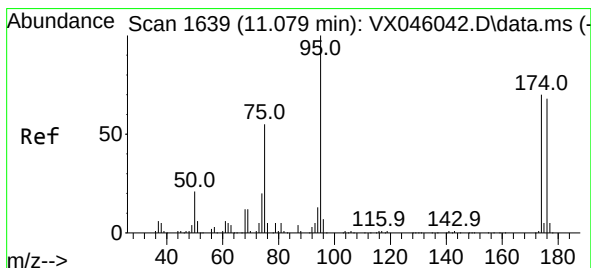
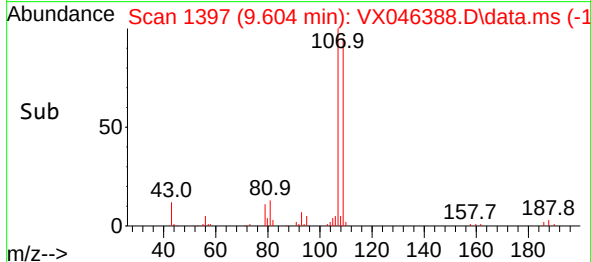
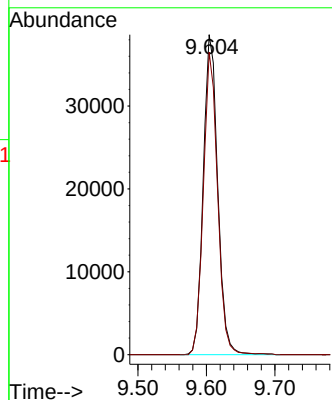
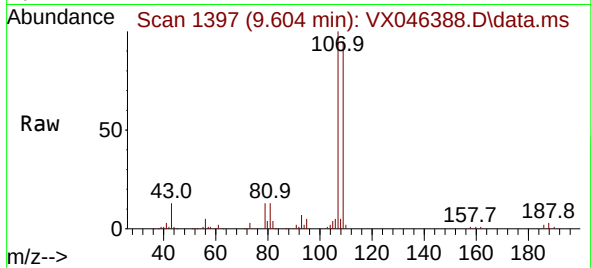
VSTDCCC050EC

Tgt Ion:107 Resp: 56730
Ion Ratio Lower Upper
107 100
109 93.1 73.3 109.9

Manual Integrations

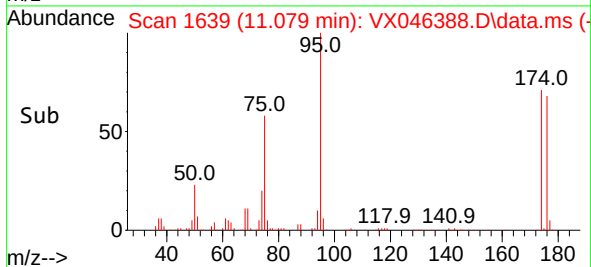
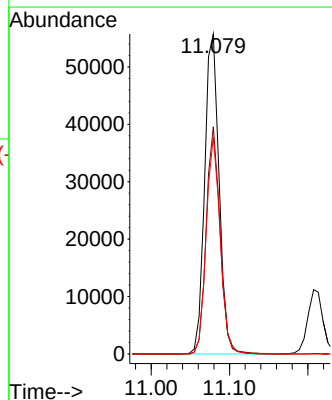
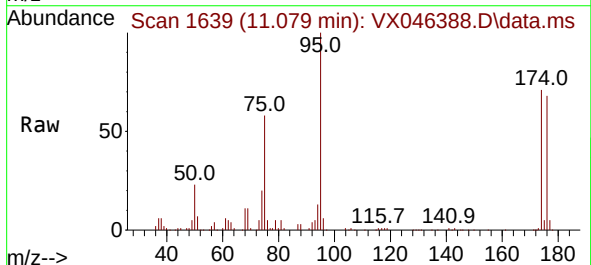
APPROVED

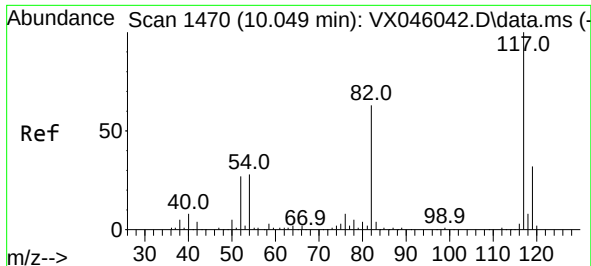
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 52.672 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

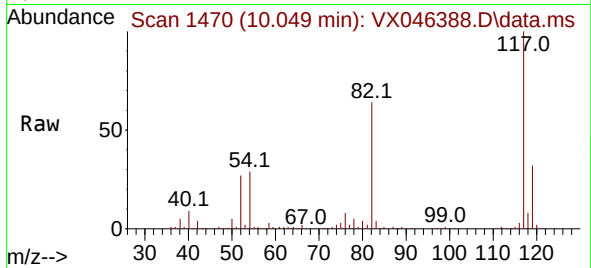
Tgt Ion: 95 Resp: 71286
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 65.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

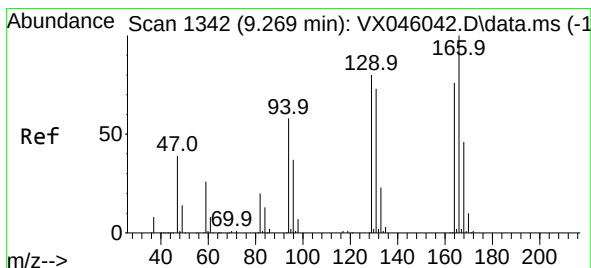
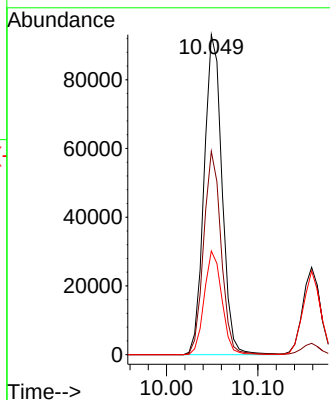
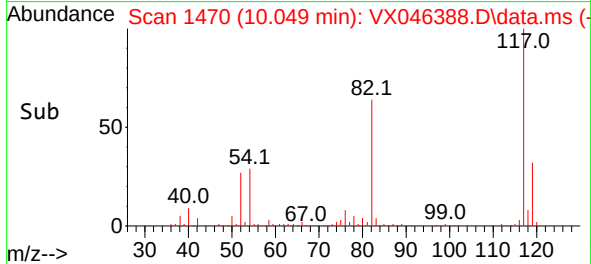
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 126380
Ion Ratio Lower Upper
117 100
82 63.6 50.6 76.0
119 32.4 25.8 38.6

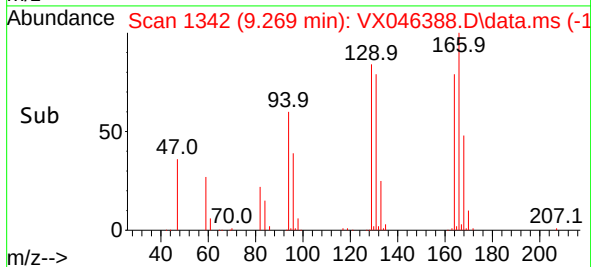
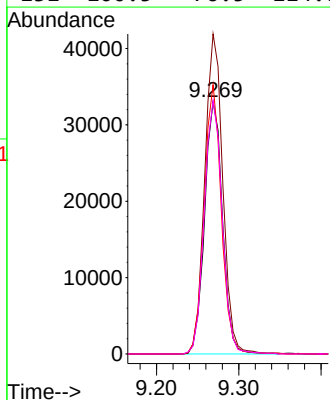
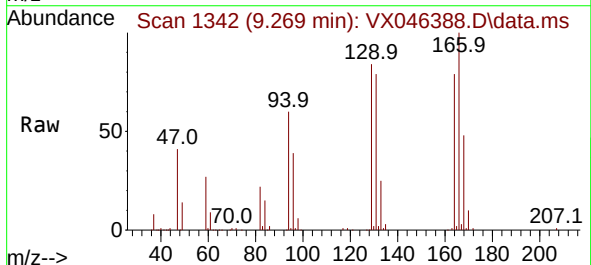
Manual Integrations
APPROVED

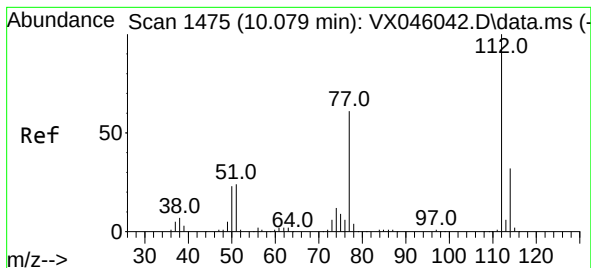
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 55.870 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

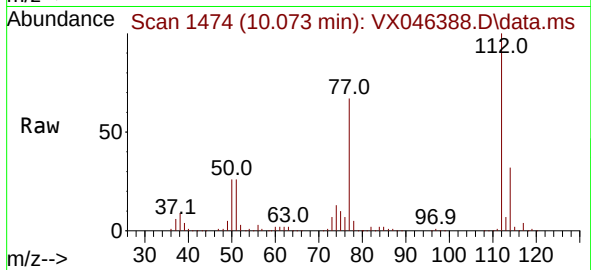
Tgt Ion:164 Resp: 49961
Ion Ratio Lower Upper
164 100
166 127.0 105.0 157.6
129 106.8 83.5 125.3
131 100.5 76.5 114.7





#65
Chlorobenzene
Concen: 52.794 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

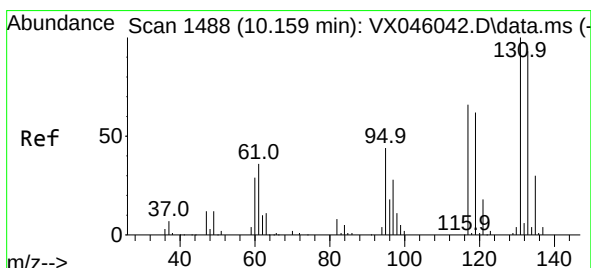
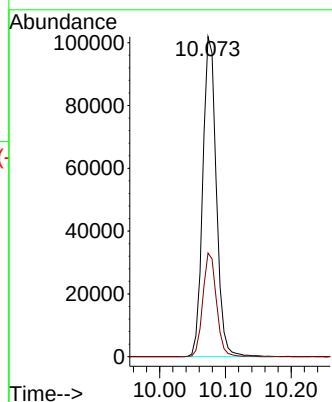
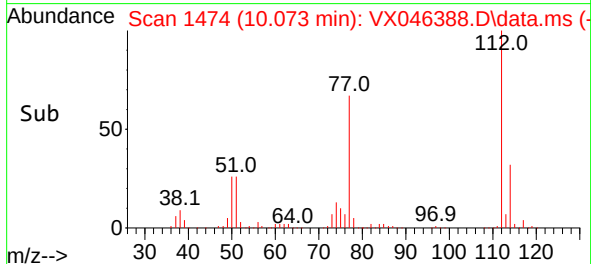
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



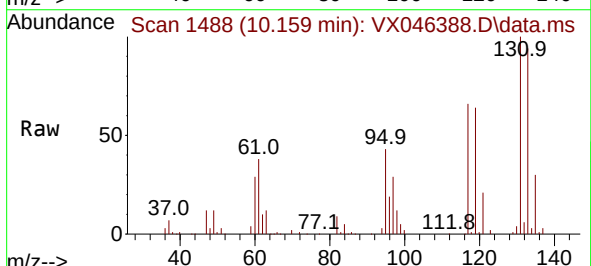
Tgt Ion:112 Resp: 14604
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

Manual Integrations
APPROVED

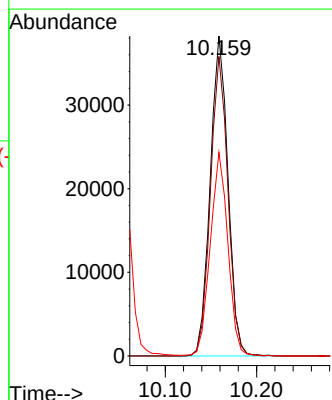
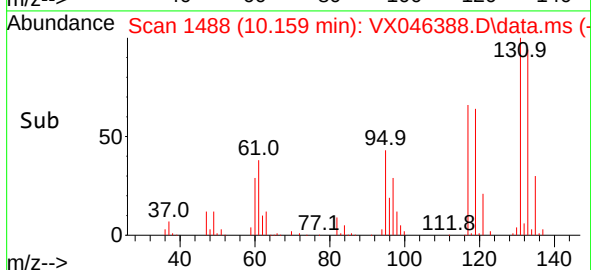
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

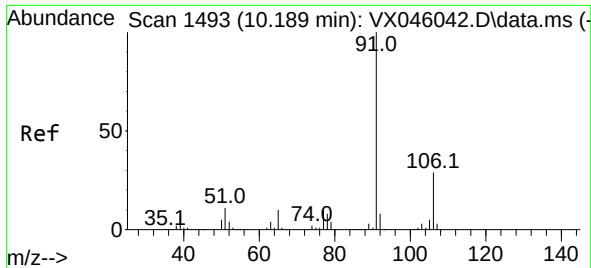


#66
1,1,1,2-Tetrachloroethane
Concen: 54.470 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



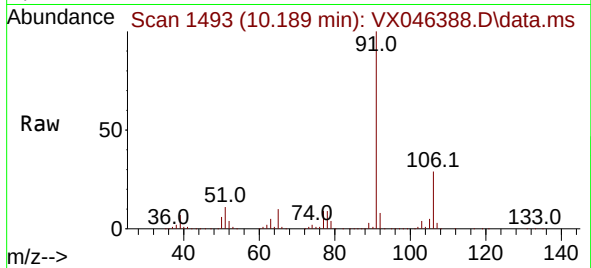
Tgt Ion:131 Resp: 51452
Ion Ratio Lower Upper
131 100
133 92.5 47.3 141.9
119 63.4 31.6 95.0





#67
Ethyl Benzene
Concen: 55.156 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

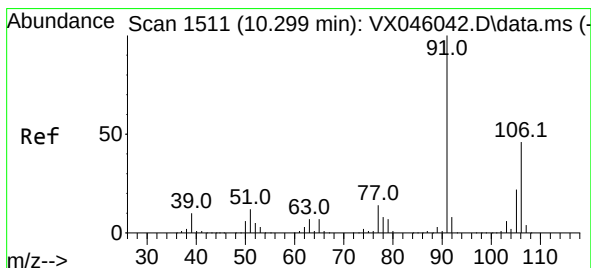
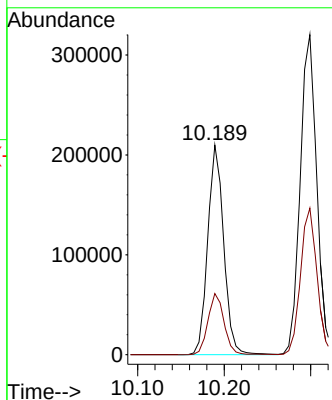
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 268950
Ion Ratio Lower Upper
91 100
106 29.1 23.4 35.2

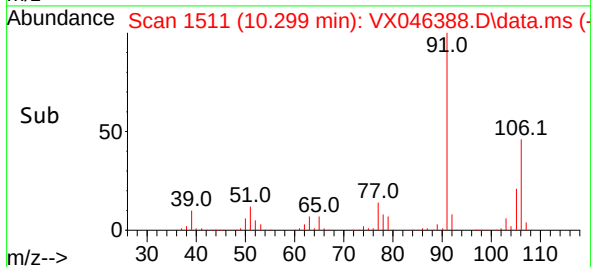
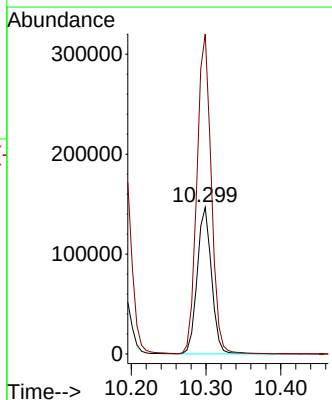
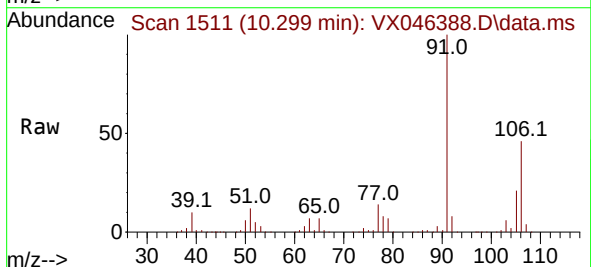
Manual Integrations
APPROVED

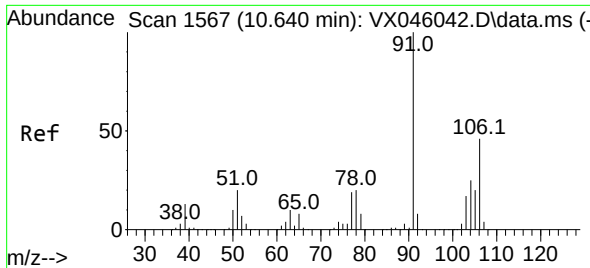
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 109.302 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion:106 Resp: 194934
Ion Ratio Lower Upper
106 100
91 220.0 171.2 256.8





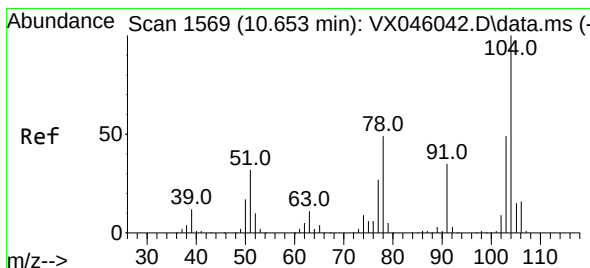
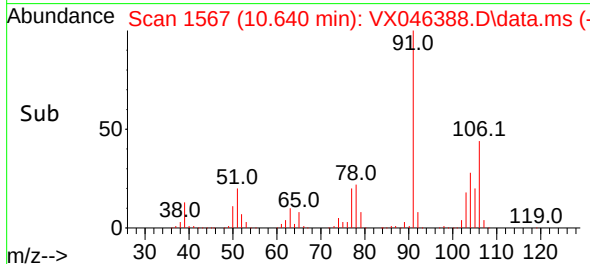
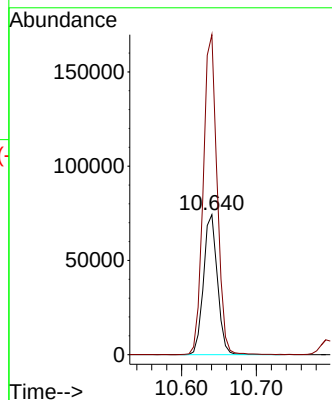
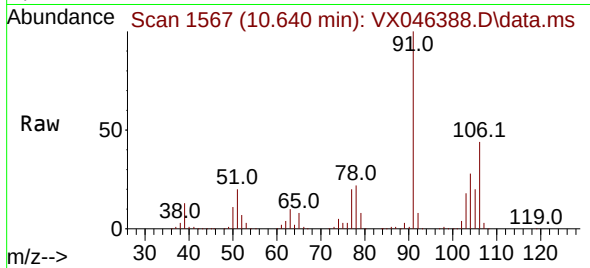
#69
o-Xylene
Concen: 55.155 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 95897
Ion Ratio Lower Upper
106 100
91 228.5 112.7 338.1

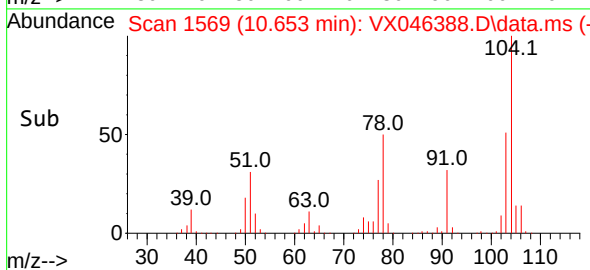
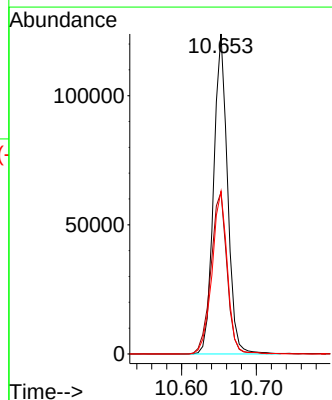
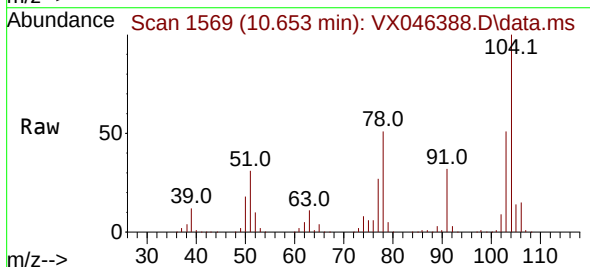
Manual Integrations
APPROVED

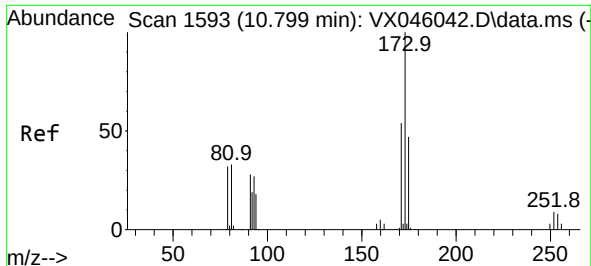
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 56.196 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

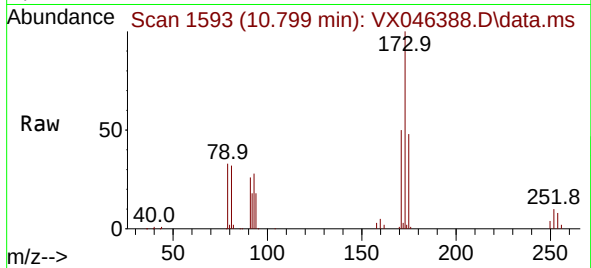
Tgt Ion:104 Resp: 160054
Ion Ratio Lower Upper
104 100
78 58.3 45.7 68.5
103 56.0 43.7 65.5





#71
Bromoform
Concen: 54.355 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

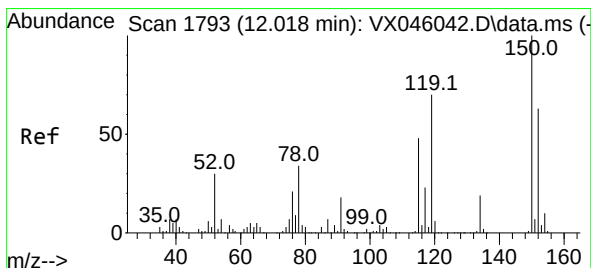
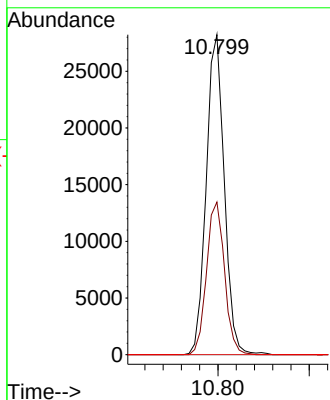
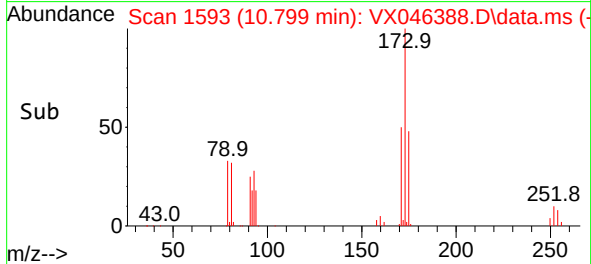
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 3854
Ion Ratio Lower Upper
173 100
175 47.6 23.4 70.0
254 0.0 0.0 0.0

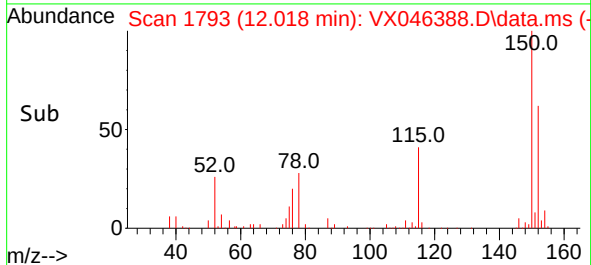
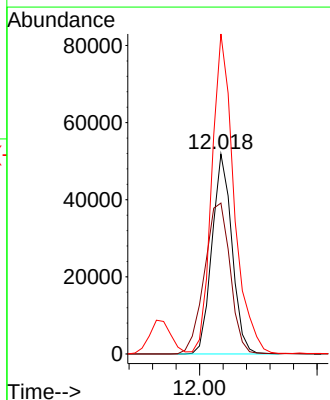
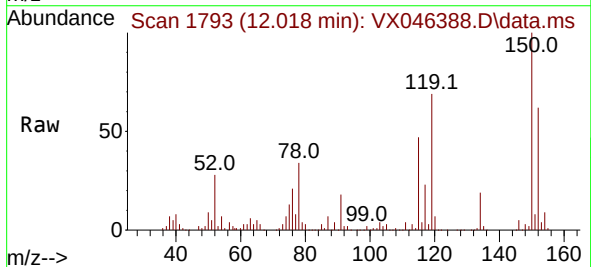
Manual Integrations
APPROVED

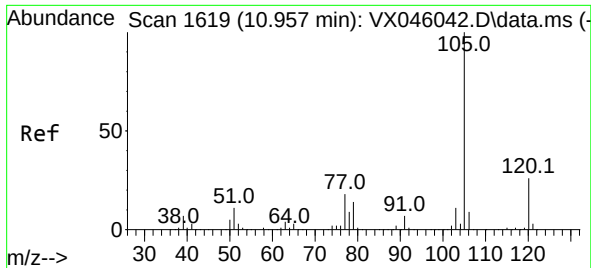
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion:152 Resp: 61144
Ion Ratio Lower Upper
152 100
115 97.3 46.9 140.7
150 177.6 0.0 351.0





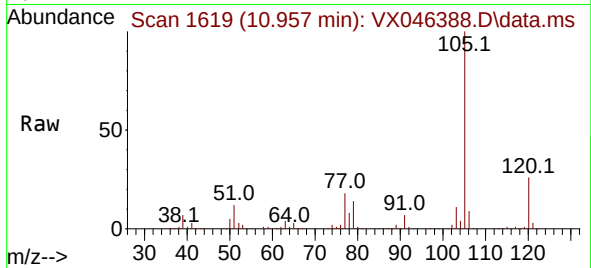
#73
Isopropylbenzene
Concen: 53.820 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



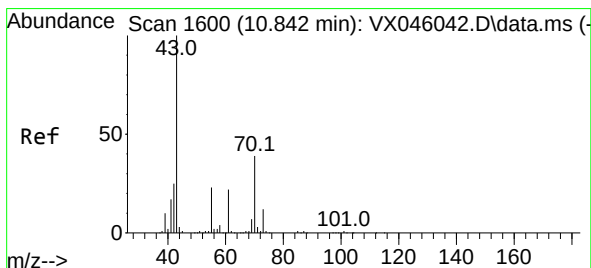
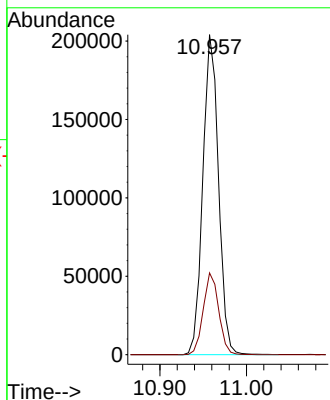
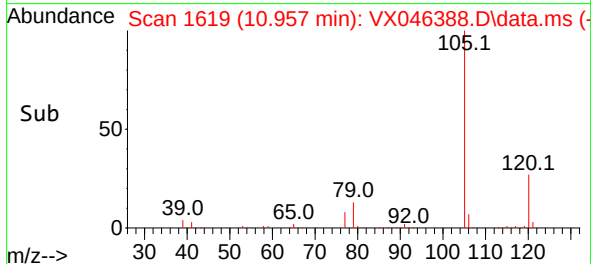
Tgt Ion:105 Resp: 256197
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

Manual Integrations

APPROVED

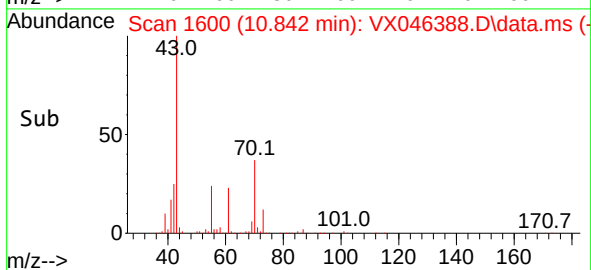
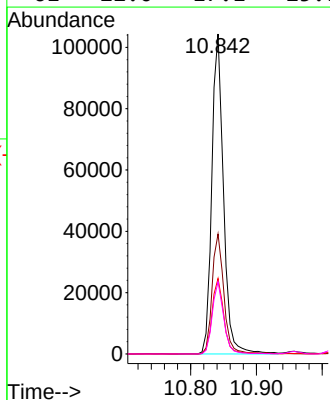
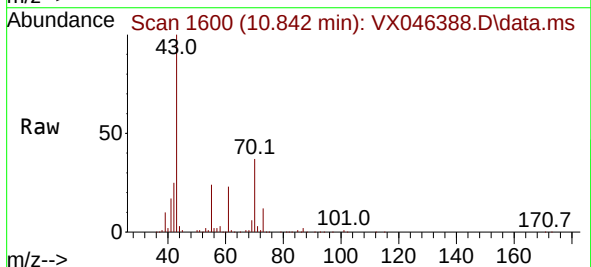
Reviewed By :John Carlone 05/29/2025

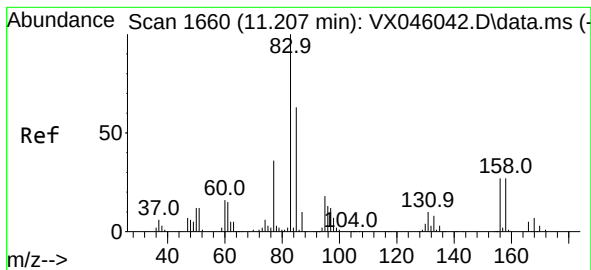
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 54.948 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion: 43 Resp: 129251
Ion Ratio Lower Upper
43 100
70 38.0 30.9 46.3
55 23.7 18.7 28.1
61 22.0 17.1 25.7





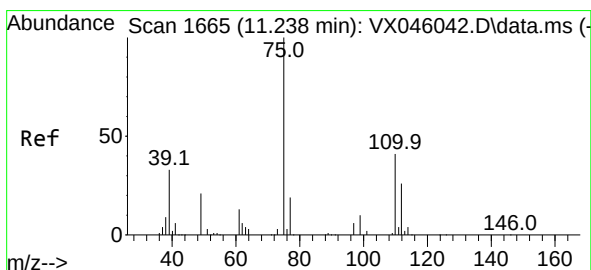
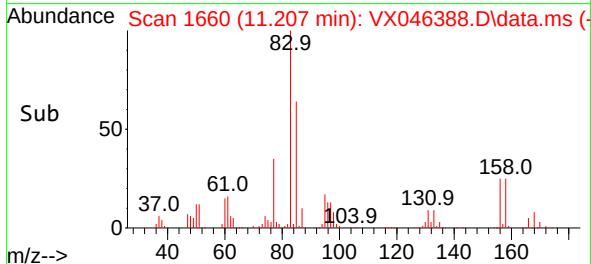
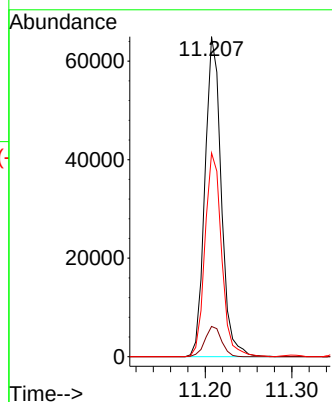
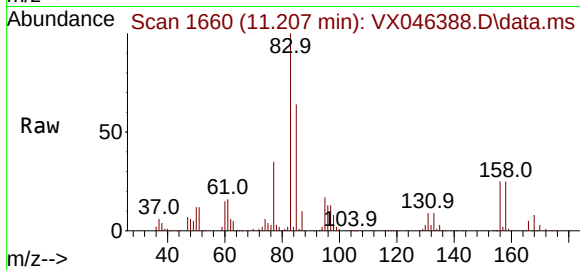
#75
1,1,2,2-Tetrachloroethane
Concen: 50.884 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8488
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.8 31.9 95.7

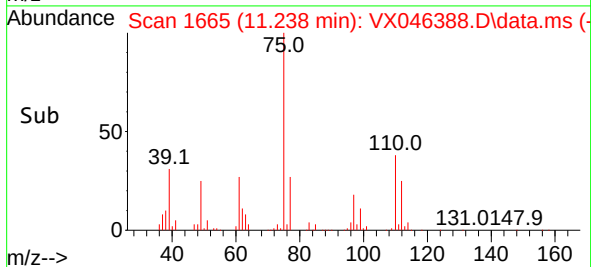
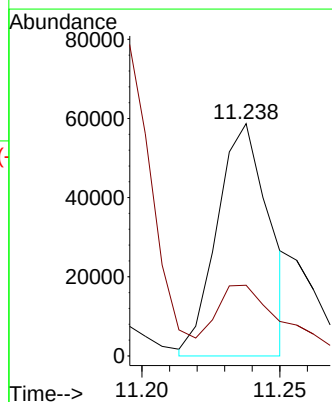
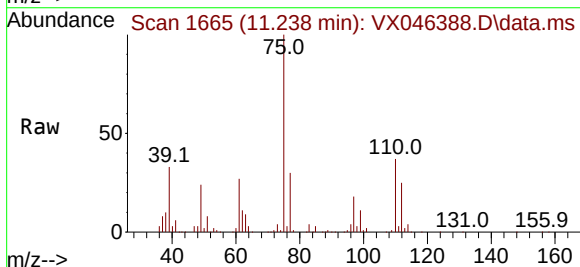
Manual Integrations
APPROVED

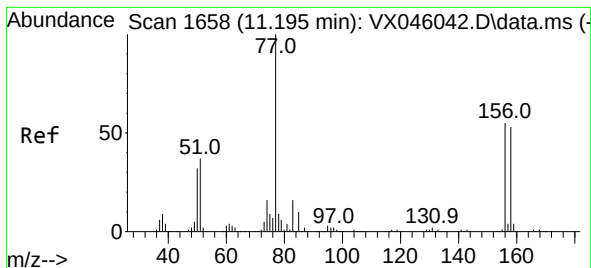
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 52.357 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Tgt Ion: 75 Resp: 77057
Ion Ratio Lower Upper
75 100
77 39.6 20.5 61.5





#77

Bromobenzene

Concen: 52.381 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

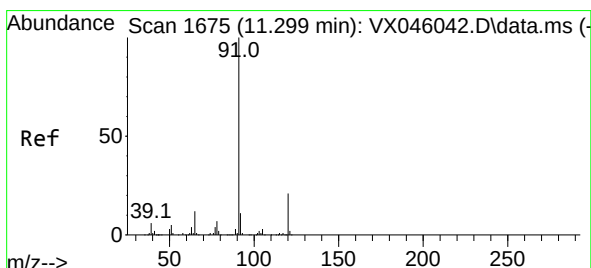
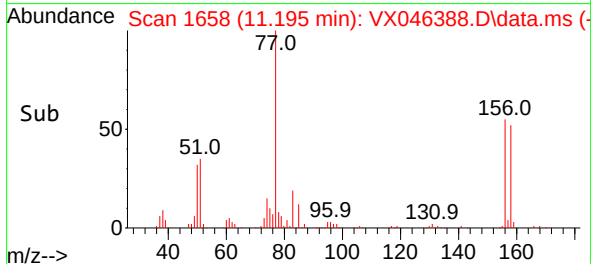
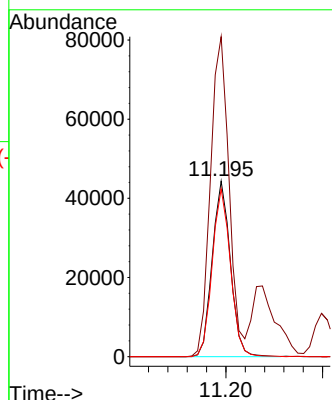
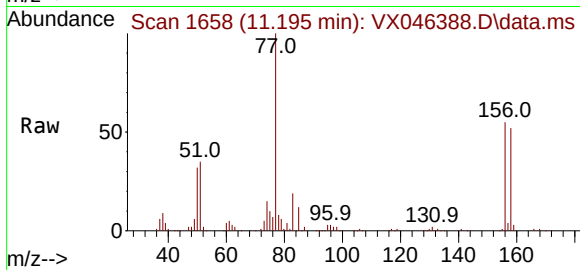
Tgt Ion:	156	Resp:	57889
Ion Ratio	Lower	Upper	
156	100		
77	186.7	92.8	278.3
158	95.9	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#78

n-propylbenzene

Concen: 55.265 ug/l

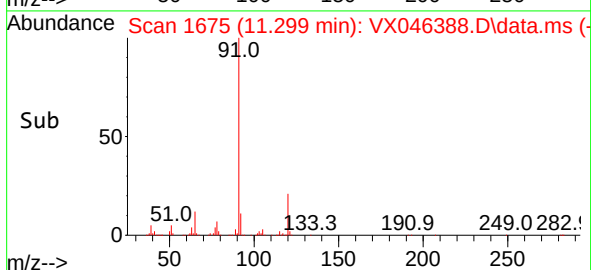
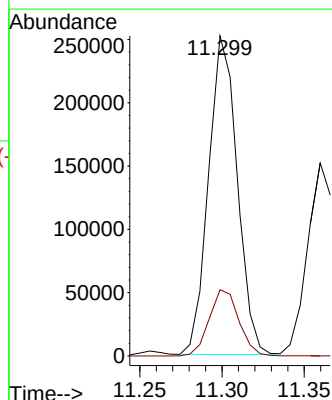
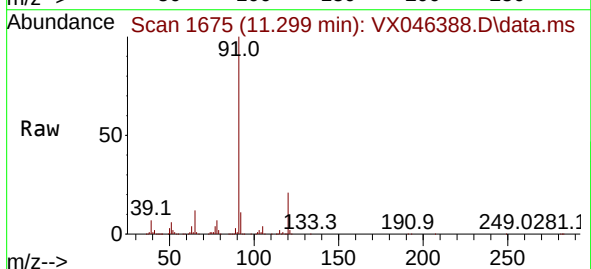
RT: 11.299 min Scan# 1675

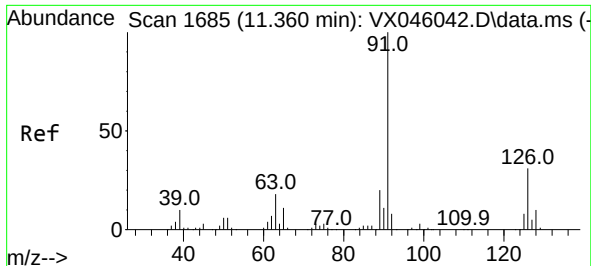
Delta R.T. -0.000 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Tgt Ion:	91	Resp:	305890
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.4





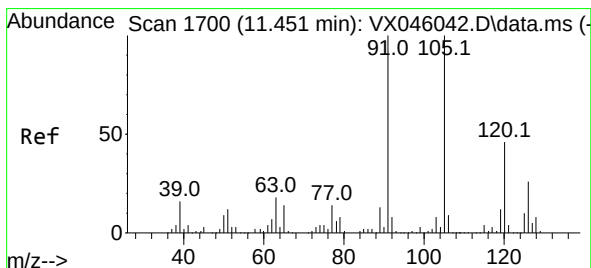
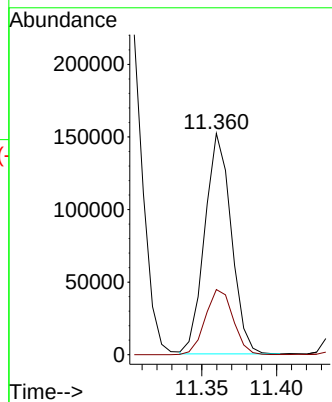
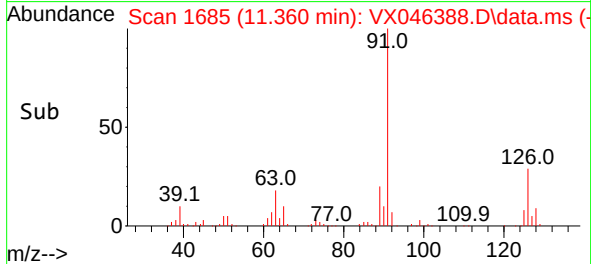
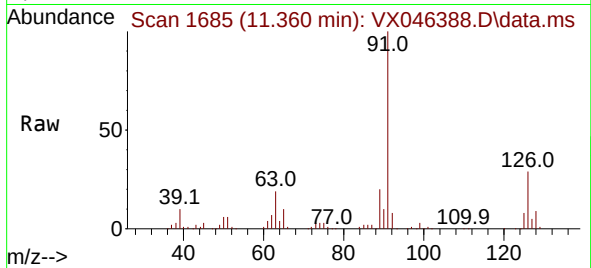
#79
2-Chlorotoluene
Concen: 52.588 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 187744
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7

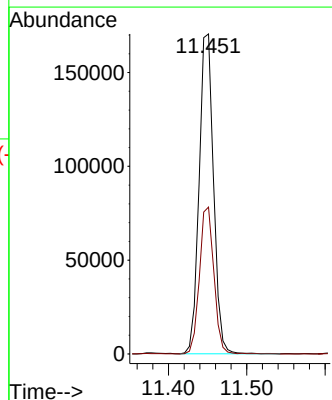
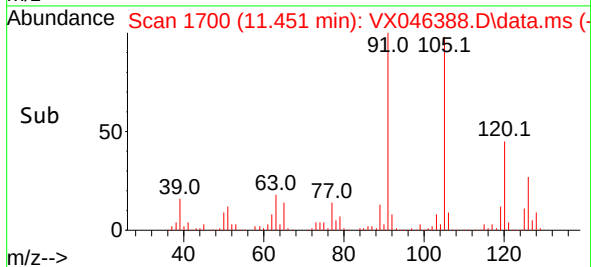
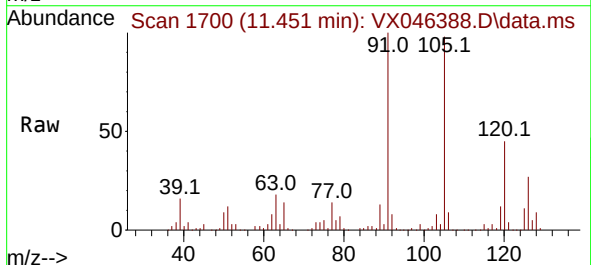
Manual Integrations
APPROVED

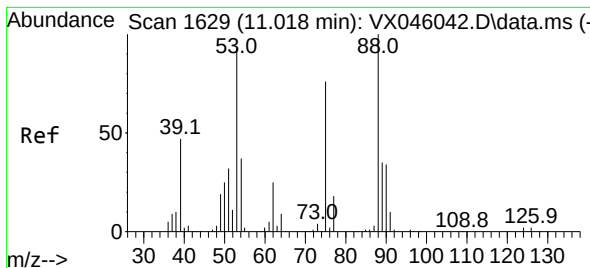
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.972 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

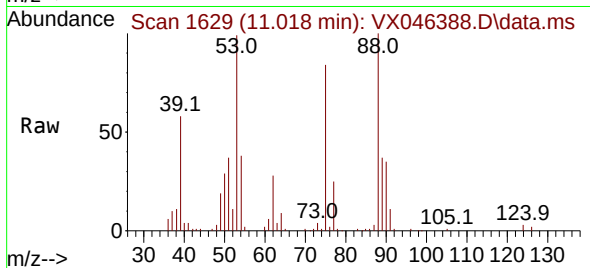
Tgt Ion:105 Resp: 218615
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.699 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

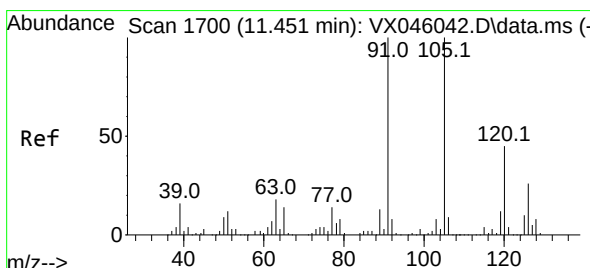
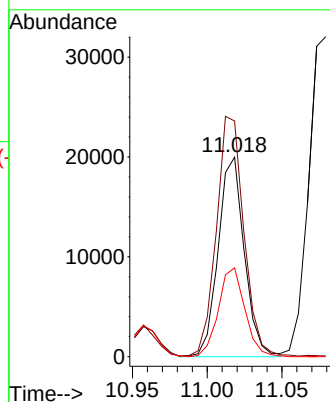
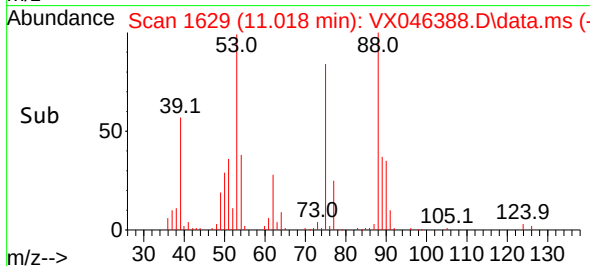
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



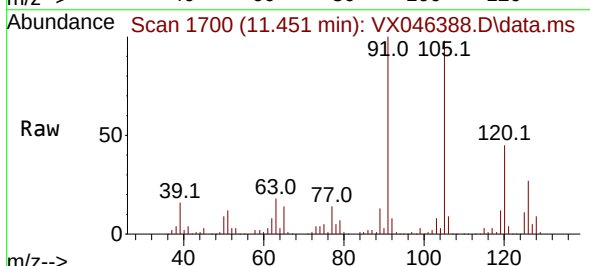
Tgt Ion: 75 Resp: 24275
Ion Ratio Lower Upper
75 100
53 127.5 100.5 150.7
89 45.1 37.0 55.6

Manual Integrations
APPROVED

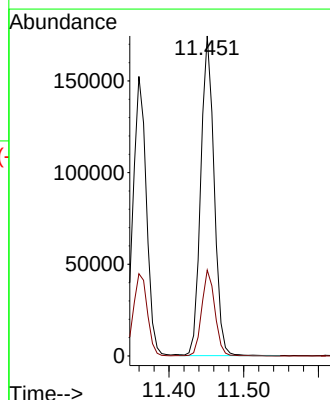
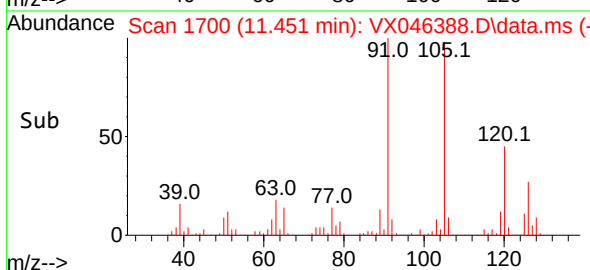
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

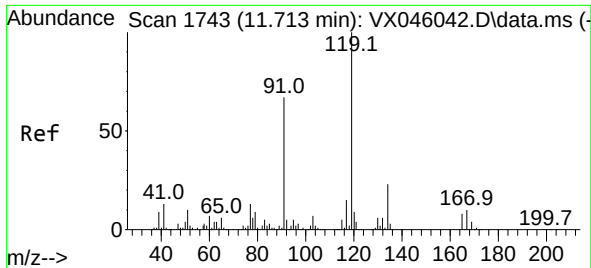


#82
4-Chlorotoluene
Concen: 54.494 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



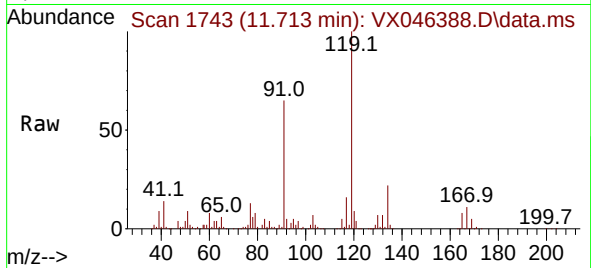
Tgt Ion: 91 Resp: 215745
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.8





#83
tert-Butylbenzene
Concen: 53.410 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

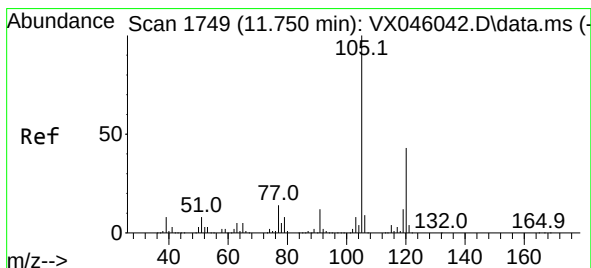
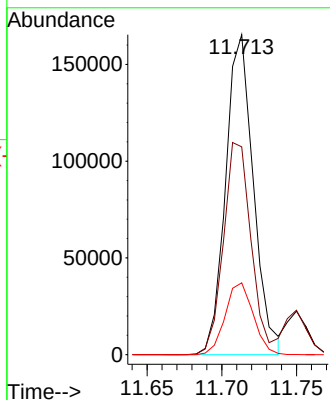
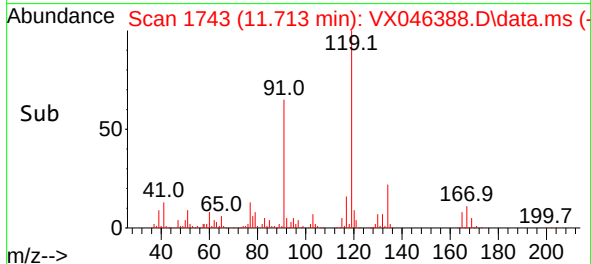
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



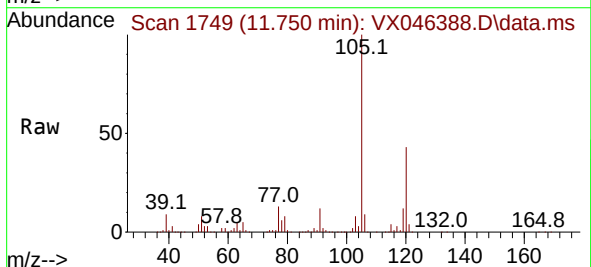
Tgt Ion:119 Resp: 213952
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.7
134 22.7 11.4 34.1

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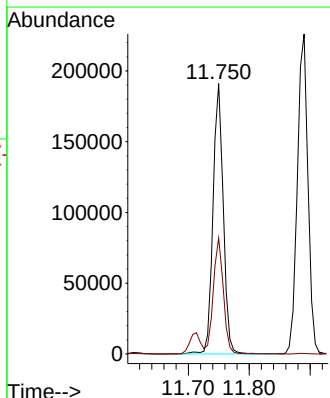
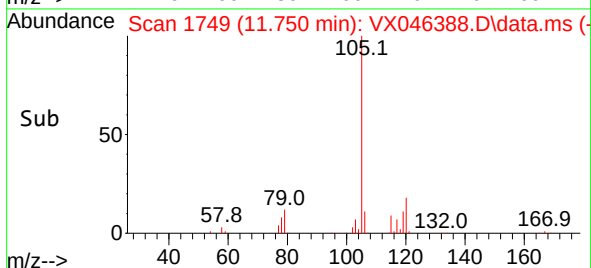
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

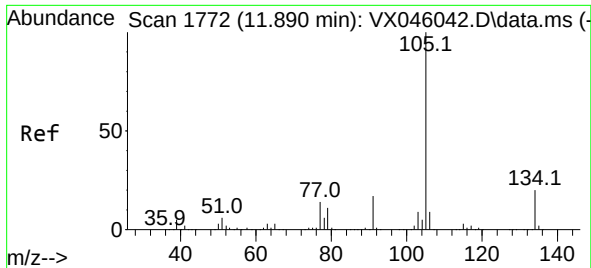


#84
1,2,4-Trimethylbenzene
Concen: 55.514 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



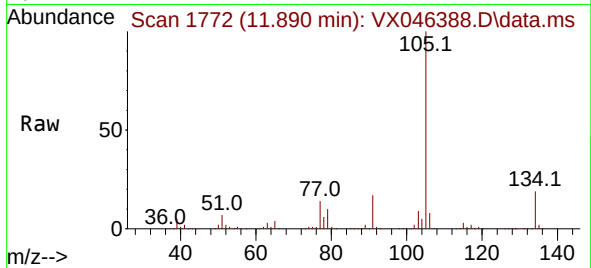
Tgt Ion:105 Resp: 223569
Ion Ratio Lower Upper
105 100
120 42.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 55.712 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046388.D
 Acq: 28 May 2025 16:47

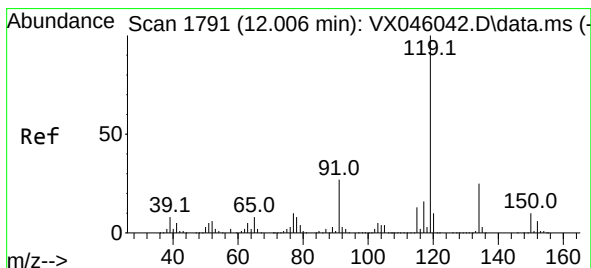
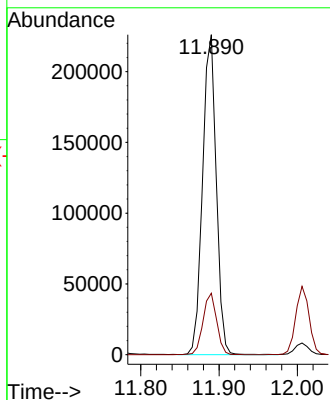
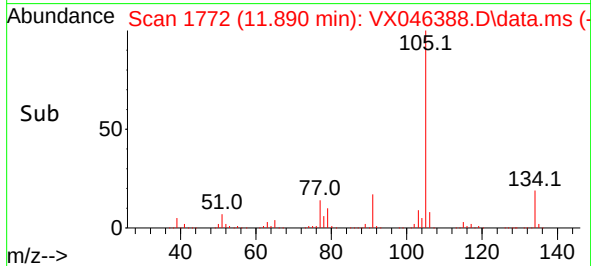
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



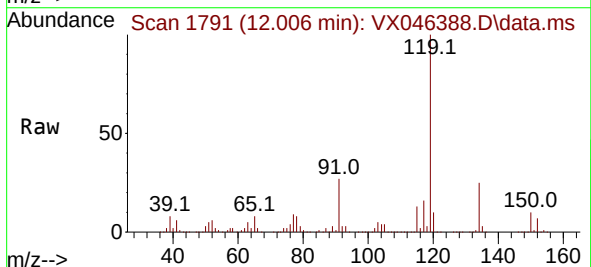
Tgt Ion:105 Resp: 27401
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

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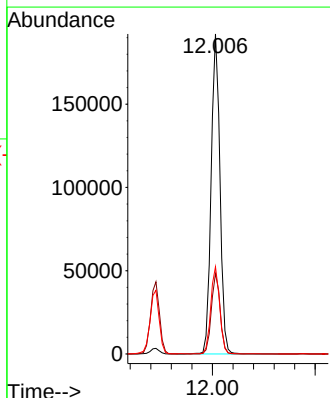
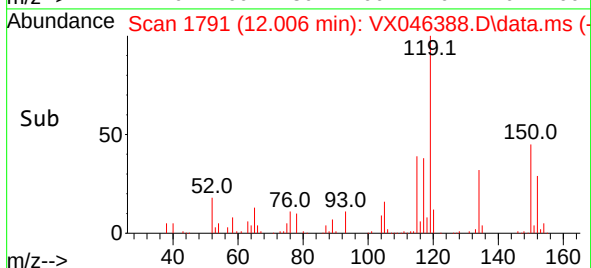
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

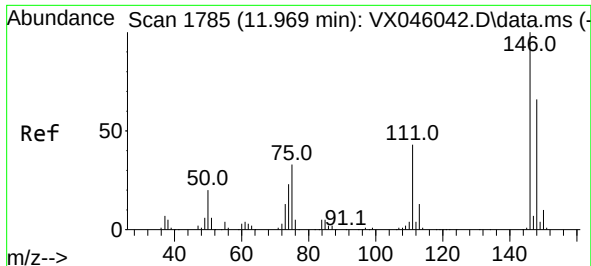


#86
 p-Isopropyltoluene
 Concen: 56.297 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046388.D
 Acq: 28 May 2025 16:47



Tgt Ion:119 Resp: 228558
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 27.3 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 53.301 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046388.D

Acq: 28 May 2025 16:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 107509

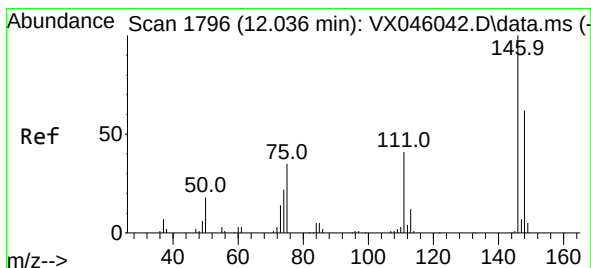
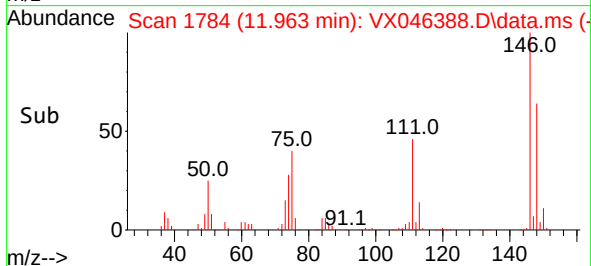
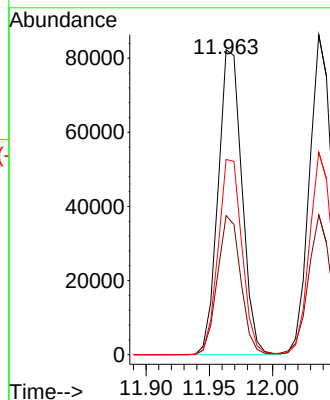
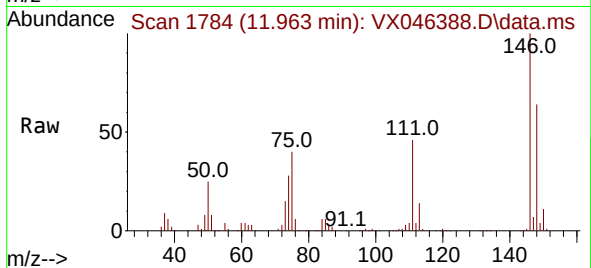
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.3
148	64.1	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#88

1,4-Dichlorobenzene

Concen: 51.930 ug/l

RT: 12.036 min Scan# 1796

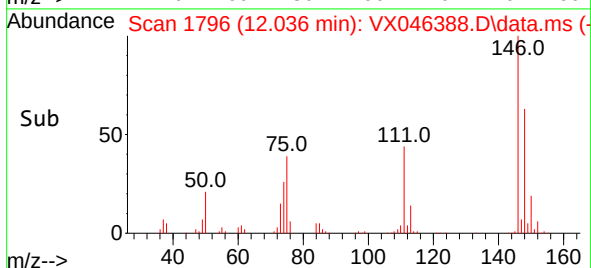
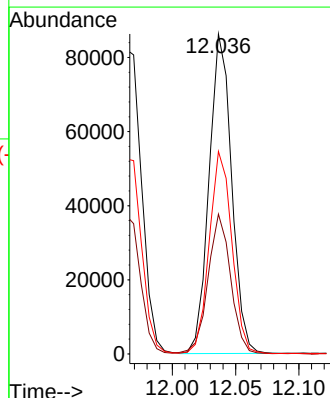
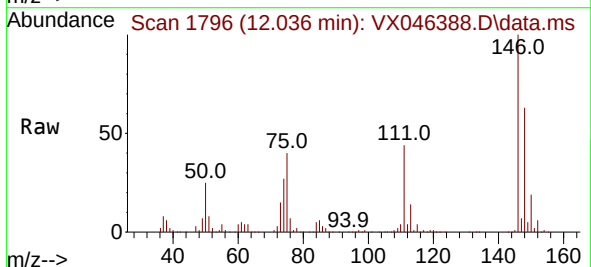
Delta R.T. -0.000 min

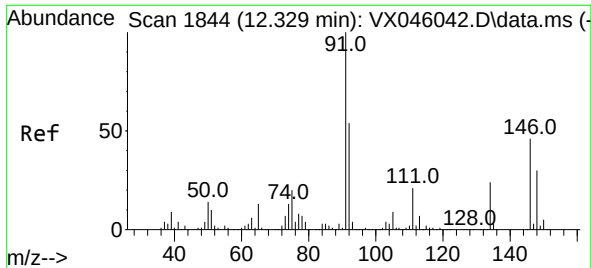
Lab File: VX046388.D

Acq: 28 May 2025 16:47

Tgt Ion:146 Resp: 106966

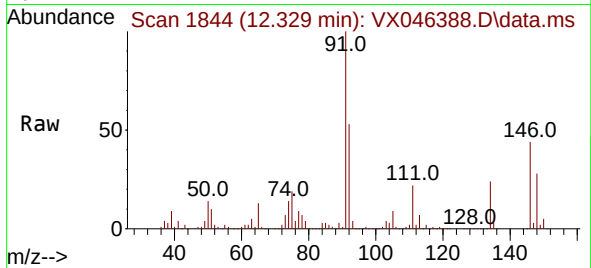
Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.3	63.9
148	63.8	31.9	95.5





#89
n-Butylbenzene
Concen: 57.687 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

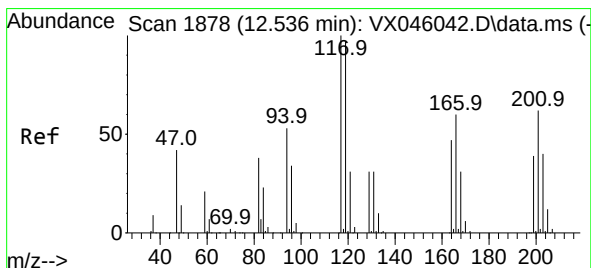
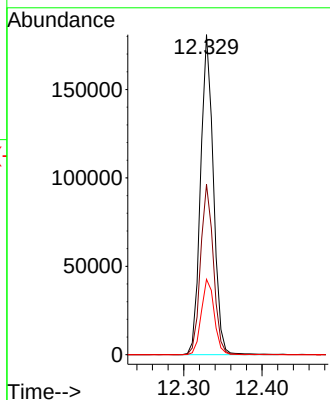
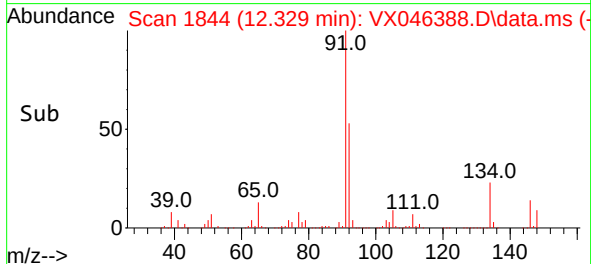
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 205438
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 23.8 11.8 35.3

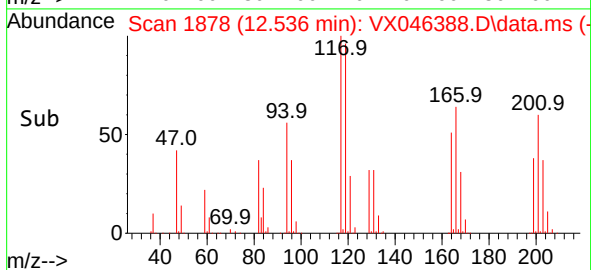
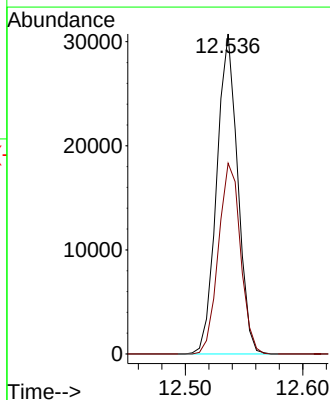
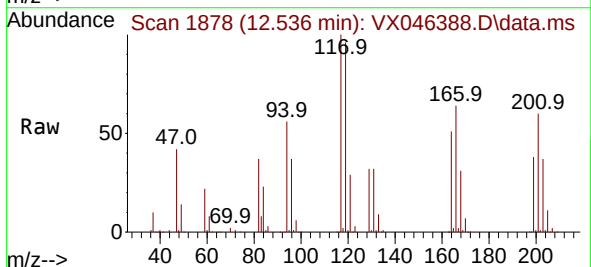
Manual Integrations
APPROVED

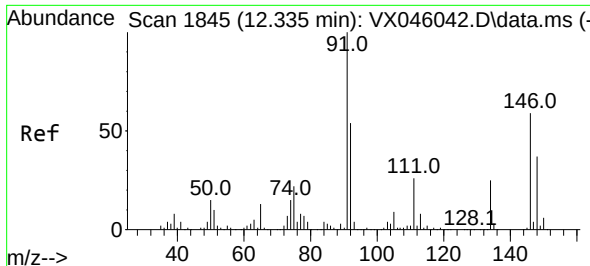
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 53.404 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

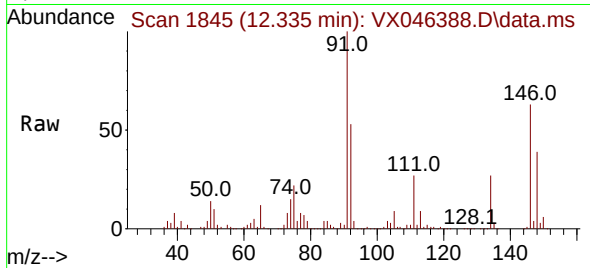
Tgt Ion:117 Resp: 38197
Ion Ratio Lower Upper
117 100
201 62.7 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 53.630 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

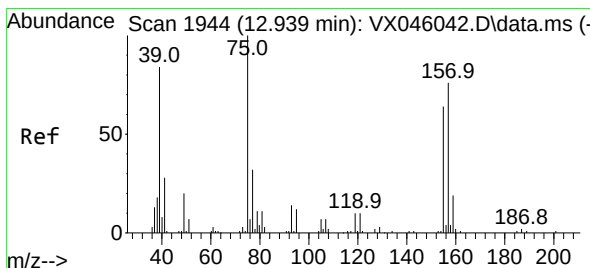
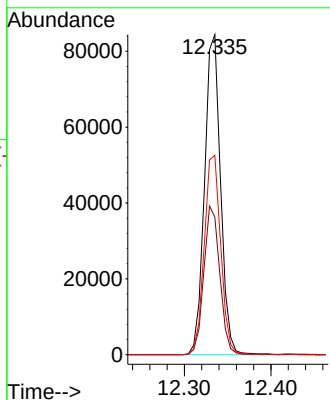
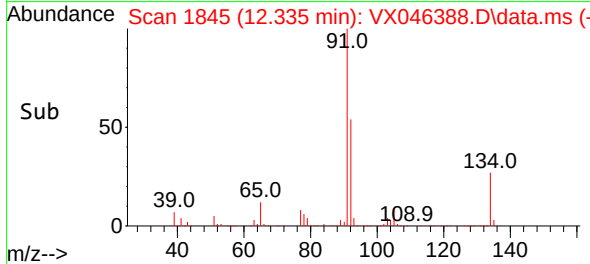
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



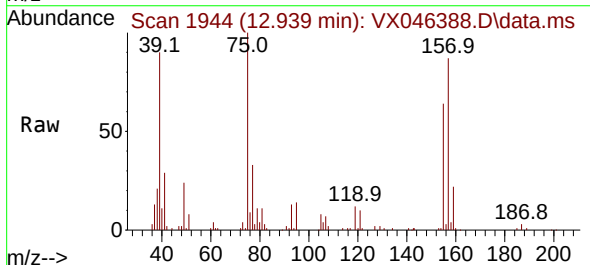
Tgt Ion:146 Resp: 108549
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.3
148 64.0 31.6 94.8

Manual Integrations
APPROVED

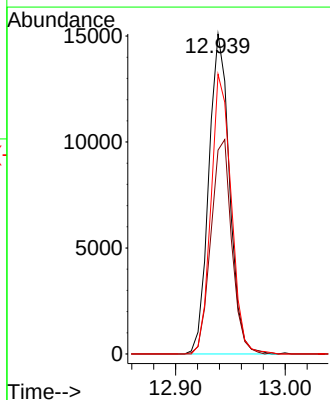
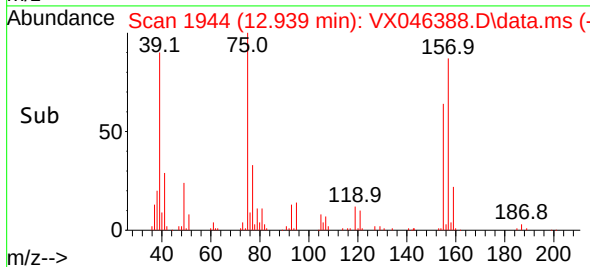
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

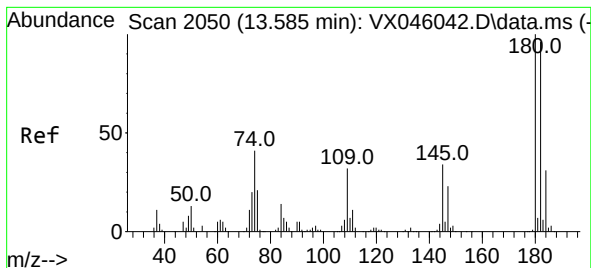


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.765 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



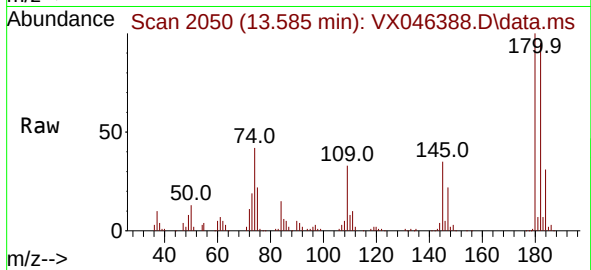
Tgt Ion: 75 Resp: 19869
Ion Ratio Lower Upper
75 100
155 67.3 34.9 104.8
157 85.1 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 55.064 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

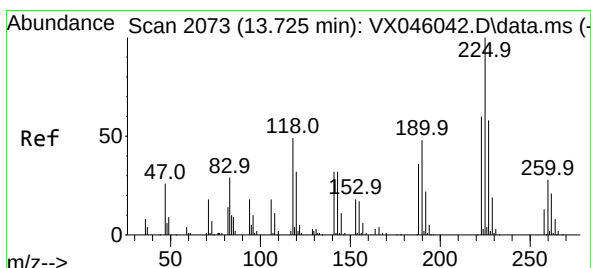
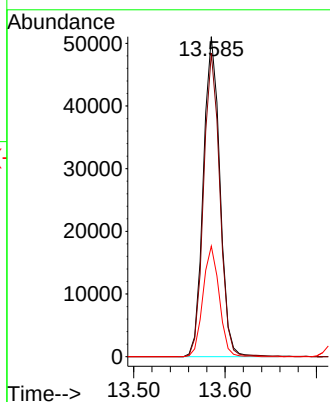
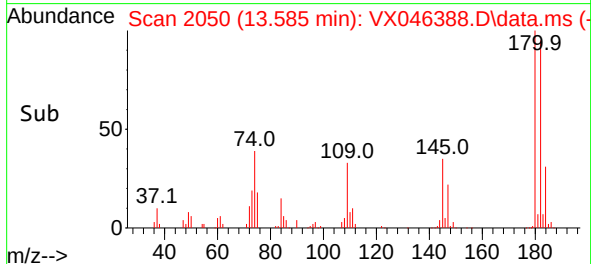
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



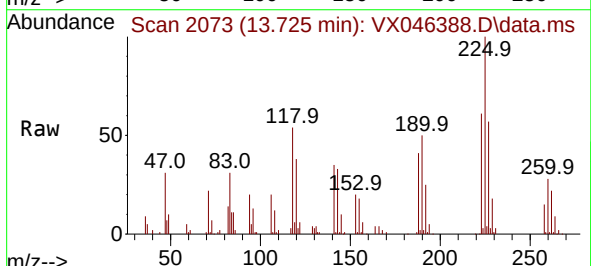
Tgt Ion:180 Resp: 6401
Ion Ratio Lower Upper
180 100
182 93.0 47.9 143.8
145 33.8 17.1 51.2

Manual Integrations
APPROVED

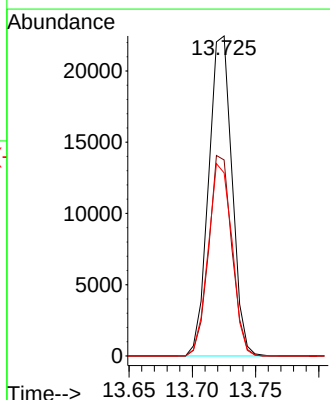
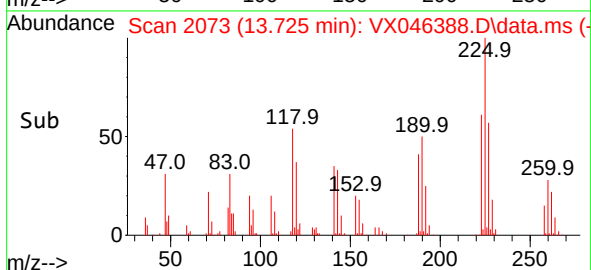
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

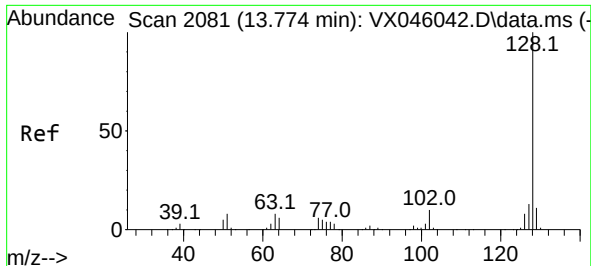


#94
Hexachlorobutadiene
Concen: 56.883 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



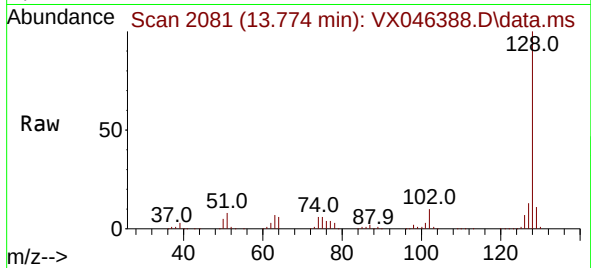
Tgt Ion:225 Resp: 28880
Ion Ratio Lower Upper
225 100
223 61.8 30.8 92.4
227 61.2 30.9 92.7





#95
Naphthalene
Concen: 52.646 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47

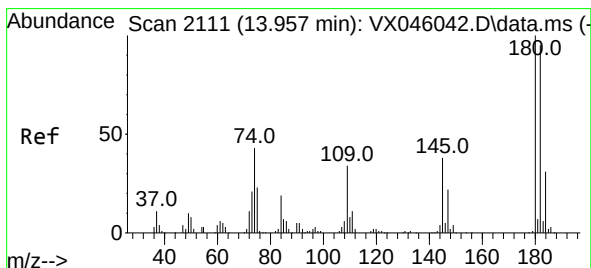
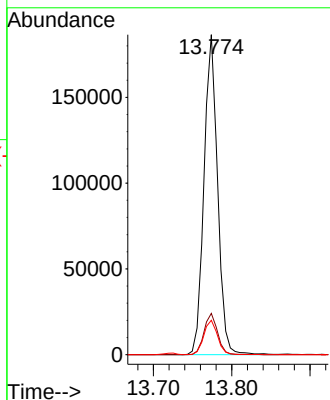
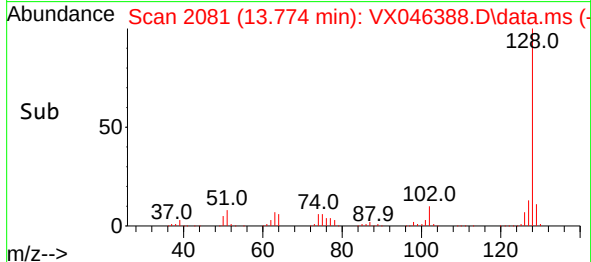
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



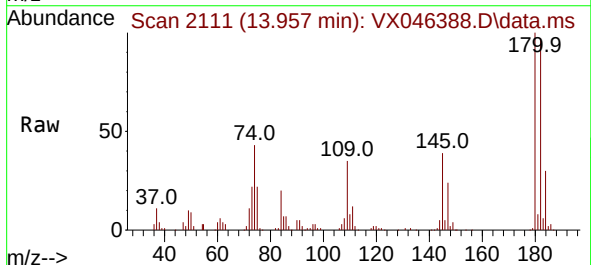
Tgt Ion:128 Resp: 224463
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 53.760 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046388.D
Acq: 28 May 2025 16:47



Tgt Ion:180 Resp: 64485
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 37.2 18.1 54.3

