

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046390.D
 Acq On : 29 May 2025 11:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:22:55 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	5.538	168	82744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	141651	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	75652	49.041	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	5.373	113	52576	51.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.080%		
50) Toluene-d8	8.641	98	178695	50.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.220%		
62) 4-Bromofluorobenzene	11.079	95	69990	51.682	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60162	47.504	ug/l	97
3) Chloromethane	1.301	50	55068	44.839	ug/l	98
4) Vinyl Chloride	1.374	62	51408	44.976	ug/l	98
5) Bromomethane	1.593	94	23743	44.785	ug/l	96
6) Chloroethane	1.666	64	30130	49.378	ug/l	99
7) Trichlorofluoromethane	1.874	101	82951	49.104	ug/l	97
8) Diethyl Ether	2.130	74	28287	49.190	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	53224	50.912	ug/l	99
10) Methyl Iodide	2.441	142	56987	46.069	ug/l	99
11) Tert butyl alcohol	2.971	59	54556	251.949	ug/l	99
12) 1,1-Dichloroethene	2.306	96	46271	47.161	ug/l	97
13) Acrolein	2.233	56	70540	286.050	ug/l	100
14) Allyl chloride	2.654	41	96190	51.298	ug/l	98
15) Acrylonitrile	3.062	53	163097	263.412	ug/l	99
16) Acetone	2.380	43	159385	257.689	ug/l	99
17) Carbon Disulfide	2.502	76	92429	39.736	ug/l	100
18) Methyl Acetate	2.703	43	90338	62.941	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	181027	52.627	ug/l	99
20) Methylene Chloride	2.782	84	56580	47.736	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	46368	46.994	ug/l	92
22) Diisopropyl ether	3.757	45	193320	53.372	ug/l	92
23) Vinyl Acetate	3.715	43	828347	260.016	ug/l	99
24) 1,1-Dichloroethane	3.599	63	103715	51.410	ug/l	98
25) 2-Butanone	4.550	43	233873	260.452	ug/l	99
26) 2,2-Dichloropropane	4.465	77	83564	52.920	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	59601	50.177	ug/l	98
28) Bromochloromethane	4.885	49	50577	52.083	ug/l	95
29) Tetrahydrofuran	4.995	42	145685	258.913	ug/l	98
30) Chloroform	5.080	83	108691	51.689	ug/l	97
31) Cyclohexane	5.458	56	84504	45.966	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	94331	51.751	ug/l	98
36) 1,1-Dichloropropene	5.678	75	68334	49.860	ug/l	100
37) Ethyl Acetate	4.702	43	86347	50.994	ug/l	99
38) Carbon Tetrachloride	5.666	117	78573	51.025	ug/l	96
39) Methylcyclohexane	7.373	83	84991	48.169	ug/l	93
40) Benzene	6.025	78	203838	50.777	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51049	57.632	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89234	51.504	ug/l	100
43) Isopropyl Acetate	6.330	43	141238	54.676	ug/l	99
44) Trichloroethene	7.117	130	48527	50.225	ug/l	95
45) 1,2-Dichloropropane	7.421	63	54599	54.697	ug/l	99
46) Dibromomethane	7.574	93	40123	50.963	ug/l	97
47) Bromodichloromethane	7.818	83	83876	54.092	ug/l	98
48) Methyl methacrylate	7.684	41	74307	56.325	ug/l	98
49) 1,4-Dioxane	7.653	88	25081	1001.270	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	474614	276.793	ug/l	99
52) Toluene	8.714	92	127156	51.657	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	76246	55.320	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	82715	54.299	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	52308	53.892	ug/l	97
56) Ethyl methacrylate	9.110	69	86542	55.944	ug/l	98
57) 1,3-Dichloropropane	9.305	76	91988	52.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225859	286.388	ug/l	99
59) 2-Hexanone	9.427	43	349687	275.651	ug/l	100
60) Dibromochloromethane	9.519	129	59858	56.155	ug/l	99
61) 1,2-Dibromoethane	9.604	107	53619	53.151	ug/l	98
64) Tetrachloroethene	9.269	164	44107	49.531	ug/l	96
65) Chlorobenzene	10.073	112	139273	50.559	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50107	53.269	ug/l	99
67) Ethyl Benzene	10.189	91	251819	51.860	ug/l	99
68) m/p-Xylenes	10.299	106	186581	105.059	ug/l	100
69) o-Xylene	10.640	106	91369	52.772	ug/l	99
70) Styrene	10.652	104	156341	55.123	ug/l	100
71) Bromoform	10.799	173	38584	54.635	ug/l #	96
73) Isopropylbenzene	10.957	105	246293	51.103	ug/l	100
74) N-amyl acetate	10.841	43	125616	52.745	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84735	50.170	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76049m	51.036	ug/l	
77) Bromobenzene	11.195	156	55608	49.698	ug/l	99
78) n-propylbenzene	11.299	91	295238	52.684	ug/l	99
79) 2-Chlorotoluene	11.360	91	178838	49.477	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	210435	52.264	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	24099	52.653	ug/l	99
82) 4-Chlorotoluene	11.451	91	207427	51.748	ug/l	100
83) tert-Butylbenzene	11.713	119	211550	52.161	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	214346	52.568	ug/l	100
85) sec-Butylbenzene	11.884	105	267276	53.672	ug/l	99
86) p-Isopropyltoluene	12.006	119	221581	53.907	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	106341	52.075	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	106880	51.249	ug/l	99
89) n-Butylbenzene	12.329	91	202809	56.249	ug/l	100
90) Hexachloroethane	12.536	117	37665	52.012	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	106601	52.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19591	52.360	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	63122	53.630	ug/l	99
94) Hexachlorobutadiene	13.719	225	27956	54.385	ug/l	98
95) Naphthalene	13.774	128	222575	51.561	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65337	53.800	ug/l	99

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Manual Integrations
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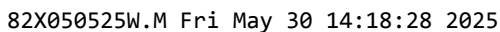
Quant Time: May 30 01:22:55 2025
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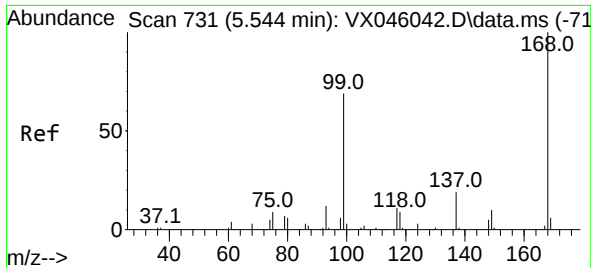
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

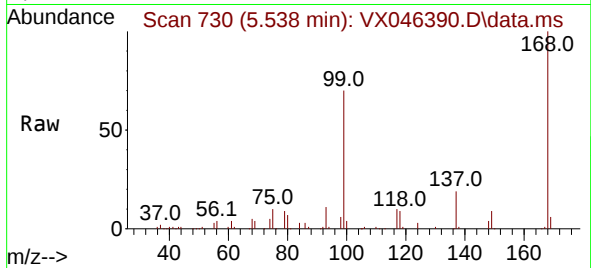
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046390.D
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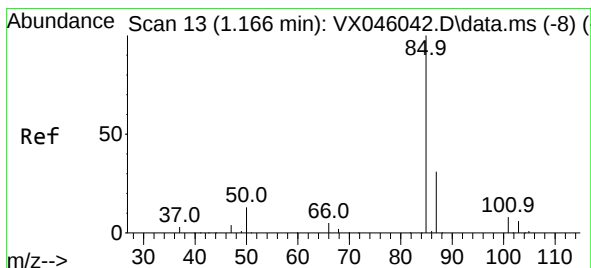
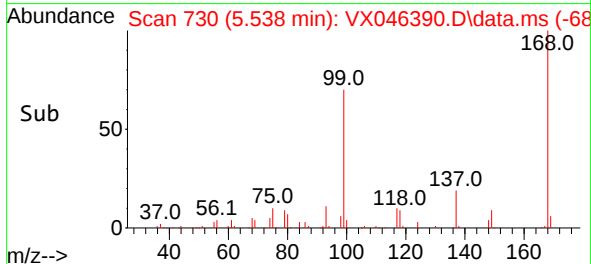
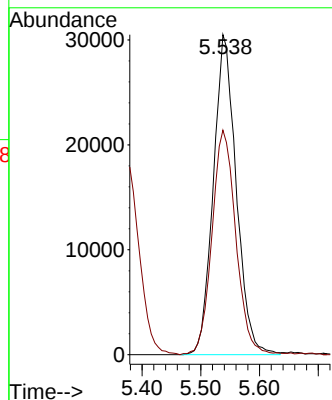
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Tgt Ion:168 Resp: 82744
Ion Ratio Lower Upper
168 100
99 70.2 54.9 82.3

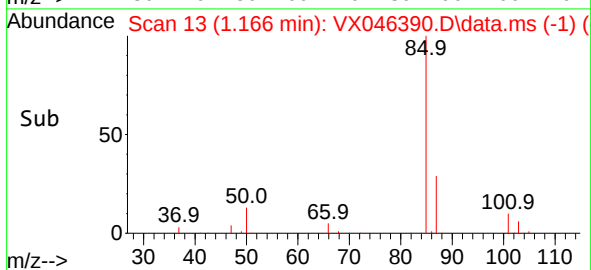
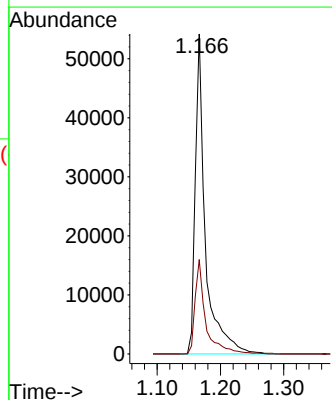
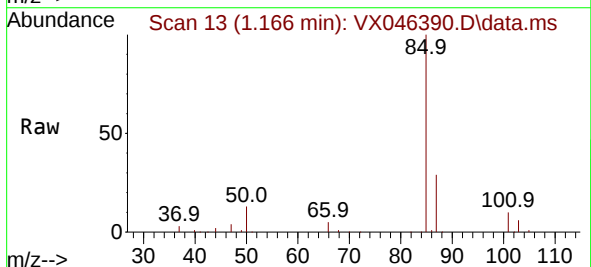
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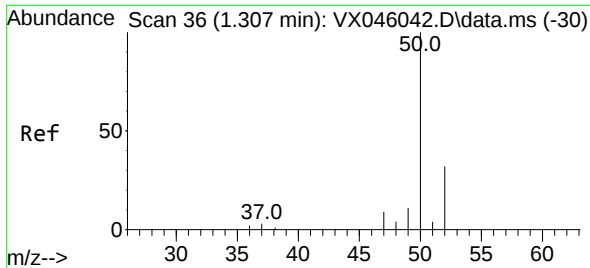
Reviewed By :John Carlone 05/30/2025
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#2
Dichlorodifluoromethane
Concen: 47.504 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 85 Resp: 60162
Ion Ratio Lower Upper
85 100
87 29.5 15.7 47.1





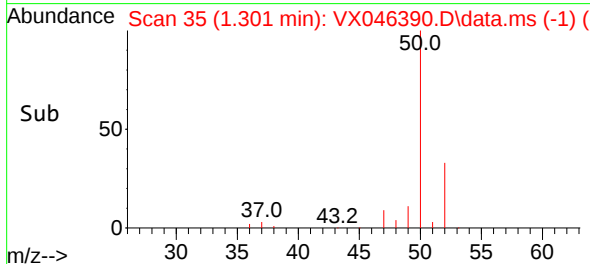
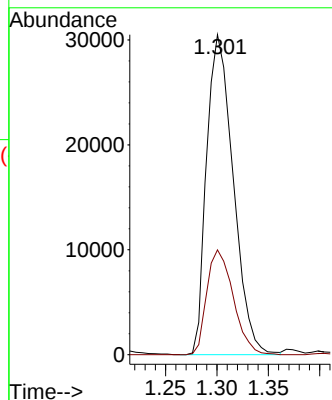
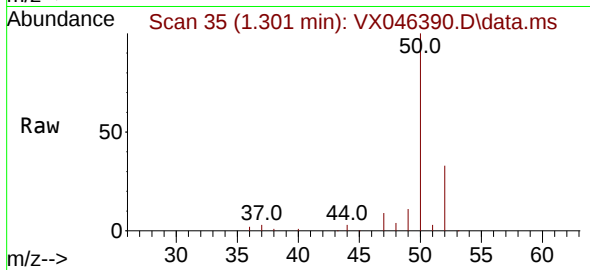
#3
Chloromethane
Concen: 44.839 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 55068
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

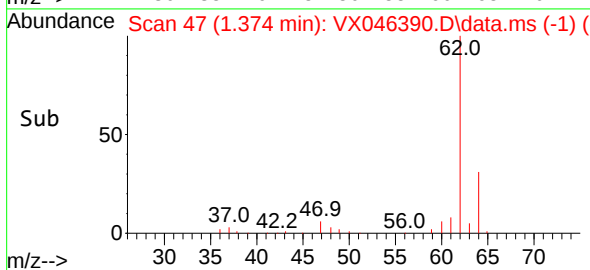
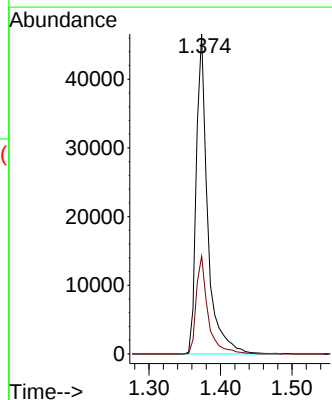
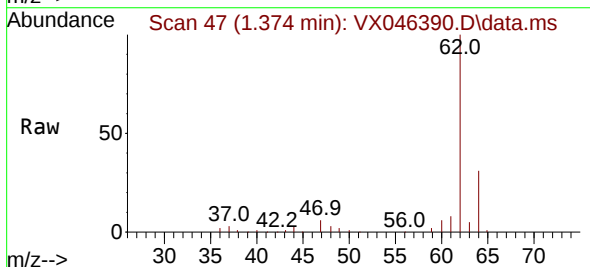
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#4
Vinyl Chloride
Concen: 44.976 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 62 Resp: 51408
Ion Ratio Lower Upper
62 100
64 30.5 25.2 37.8





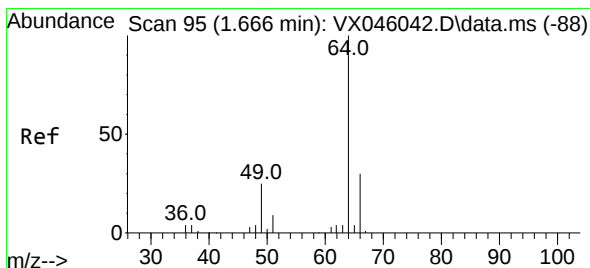
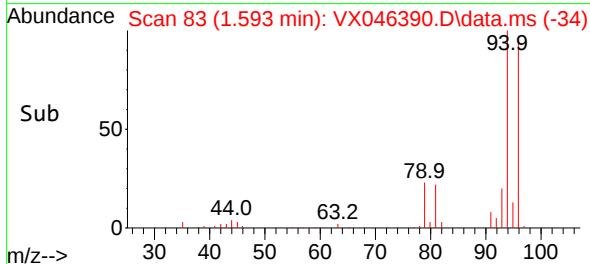
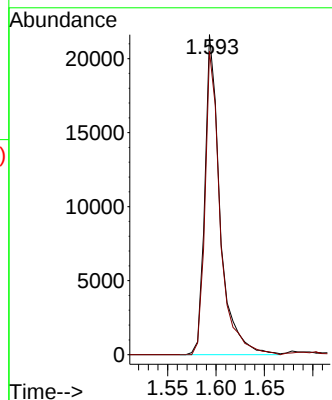
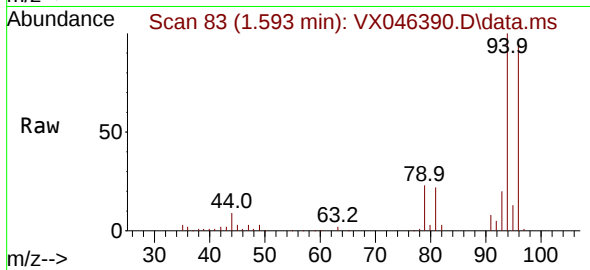
#5
Bromomethane
Concen: 44.785 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

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Tgt Ion: 94 Resp: 2374
Ion Ratio Lower Upper
94 100
96 94.9 72.8 109.2

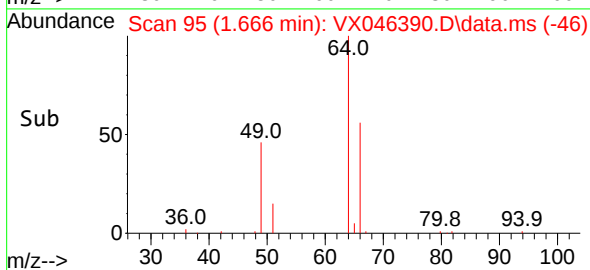
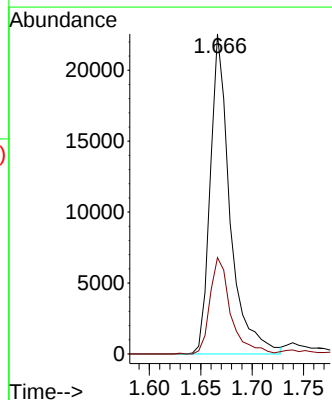
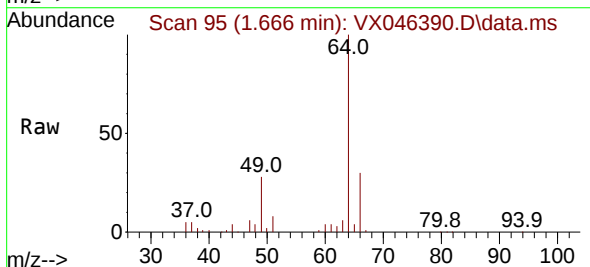
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#6
Chloroethane
Concen: 49.378 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

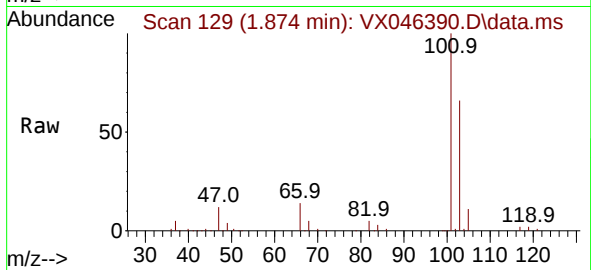
Tgt Ion: 64 Resp: 30130
Ion Ratio Lower Upper
64 100
66 29.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 49.104 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046390.D
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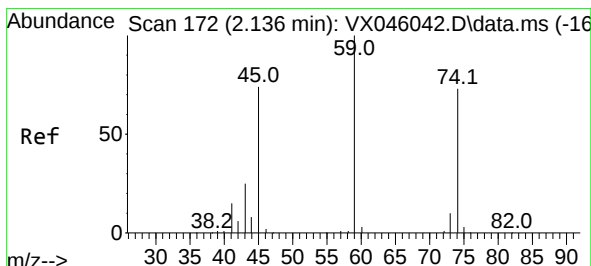
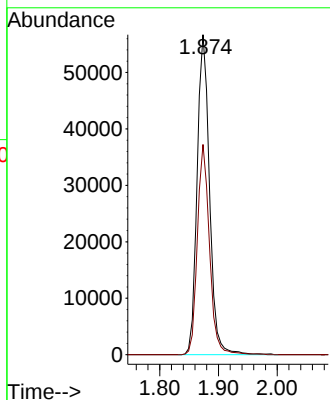
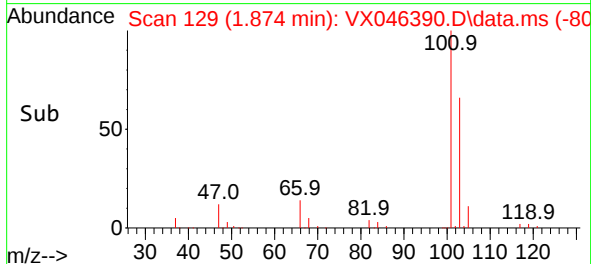
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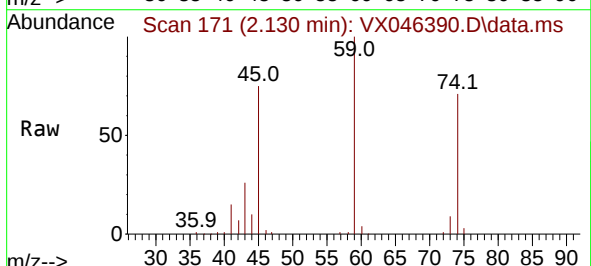
Tgt Ion:101 Resp: 8295
Ion Ratio Lower Upper
101 100
103 65.7 51.0 76.4

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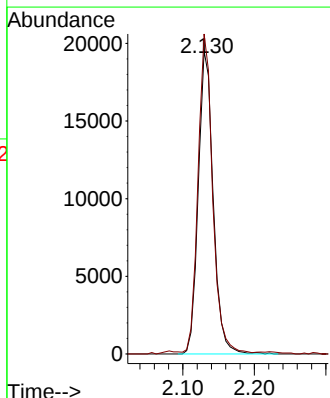
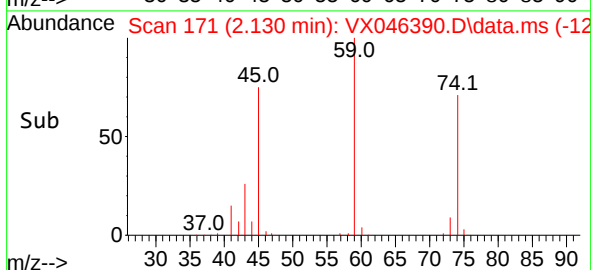
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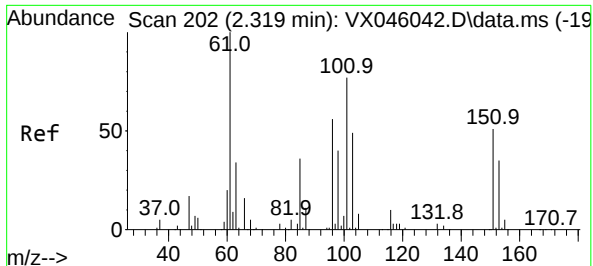


#8
Diethyl Ether
Concen: 49.190 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



Tgt Ion: 74 Resp: 28287
Ion Ratio Lower Upper
74 100
45 102.5 54.9 164.8





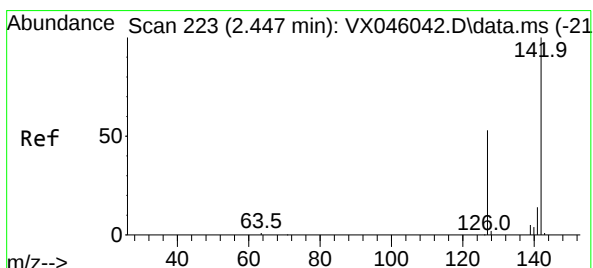
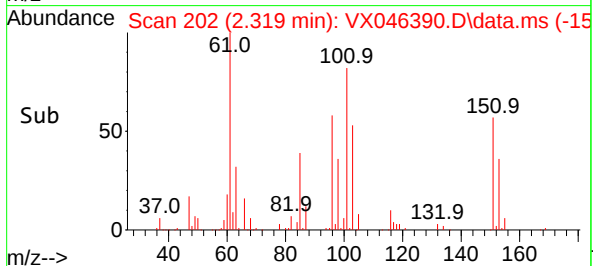
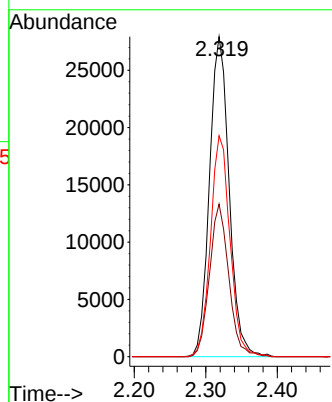
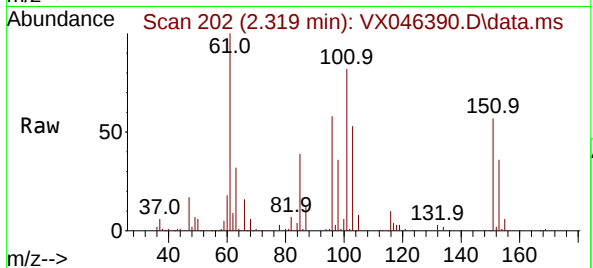
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.912 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 53224
Ion Ratio Lower Upper
101 100
85 46.8 38.6 58.0
151 68.6 55.2 82.8

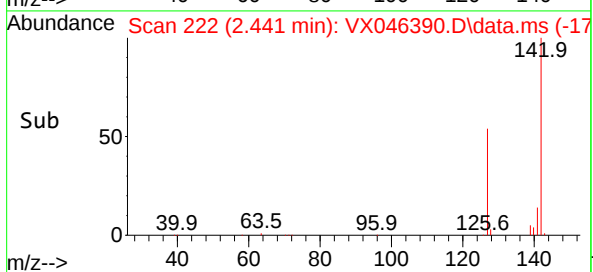
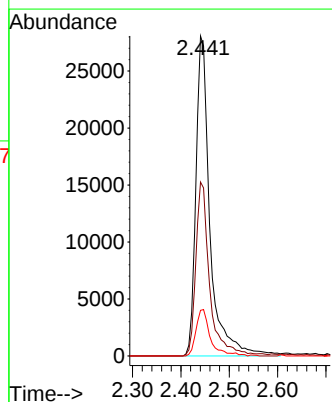
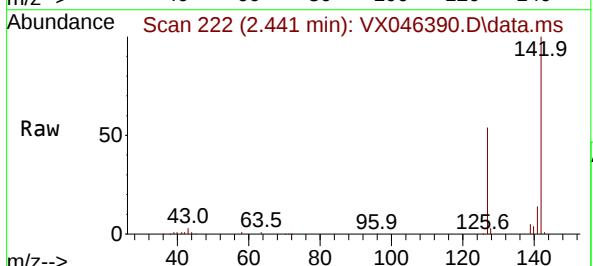
Manual Integrations
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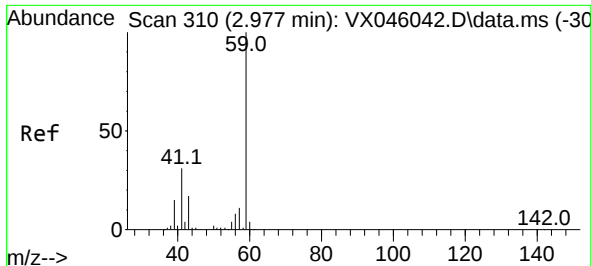
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#10
Methyl Iodide
Concen: 46.069 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

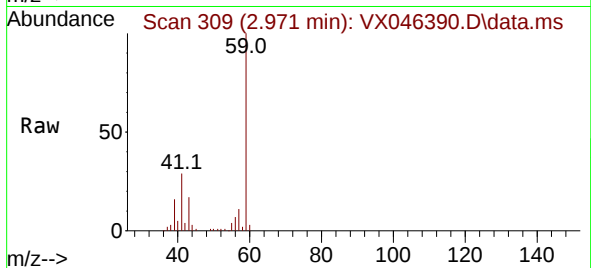
Tgt Ion:142 Resp: 56987
Ion Ratio Lower Upper
142 100
127 52.9 41.7 62.5
141 14.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 251.949 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

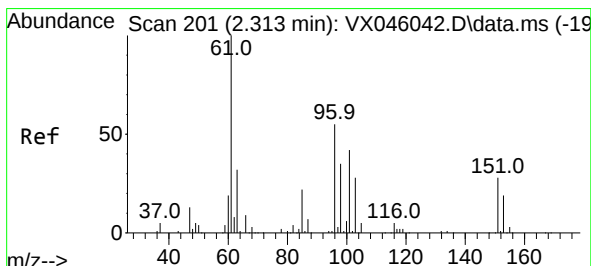
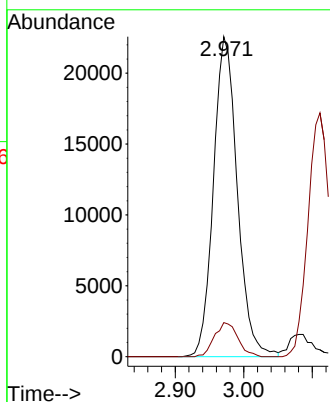
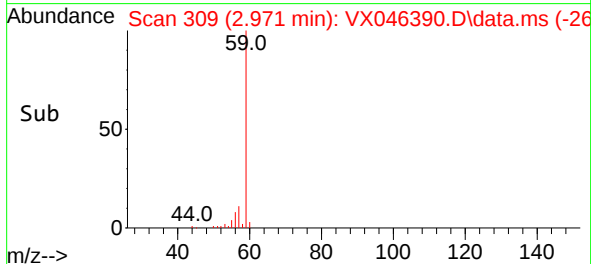
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 54550
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

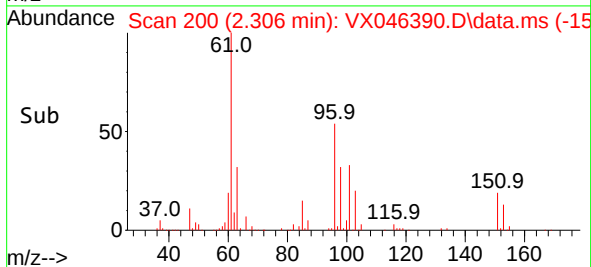
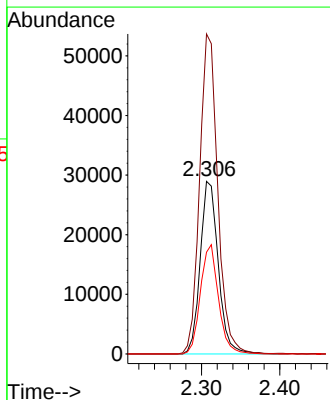
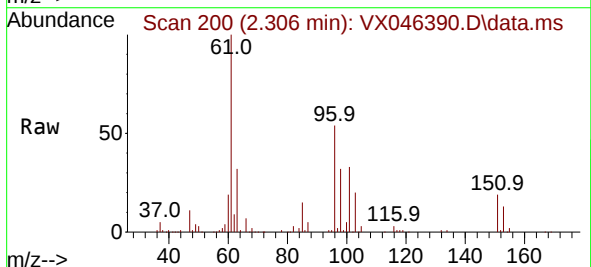
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APPROVED

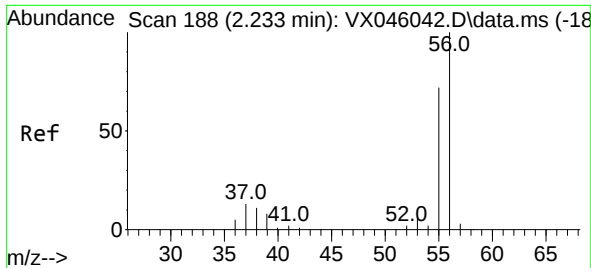
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#12
1,1-Dichloroethene
Concen: 47.161 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

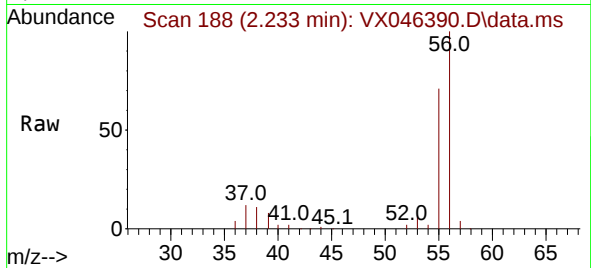
Tgt Ion: 96 Resp: 46271
Ion Ratio Lower Upper
96 100
61 185.3 146.2 219.2
98 58.9 51.0 76.6





#13
Acrolein
Concen: 286.050 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

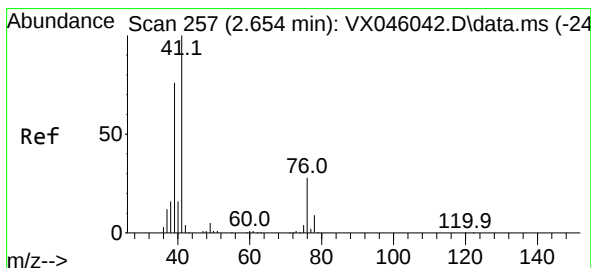
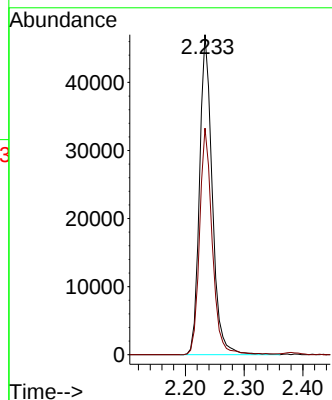
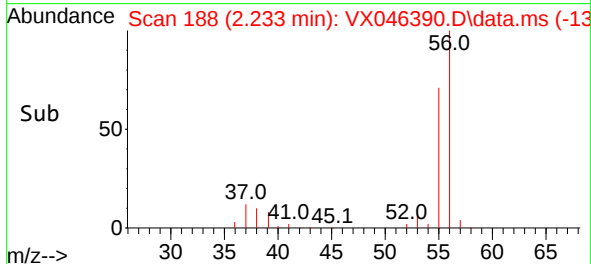
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 70540
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.4

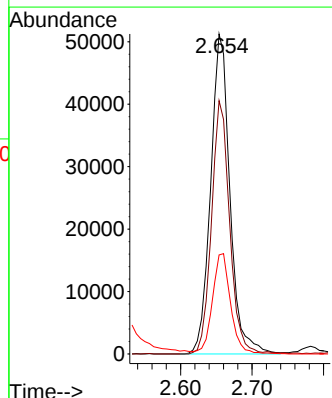
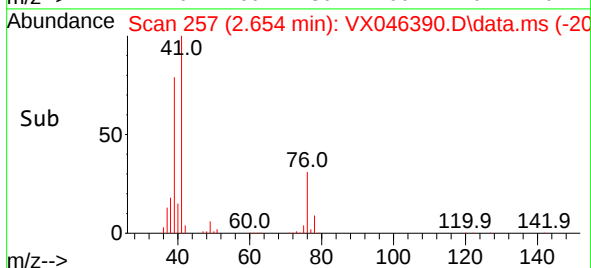
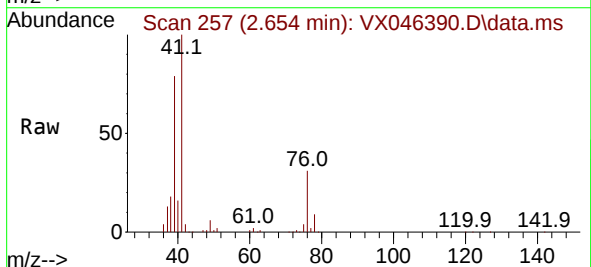
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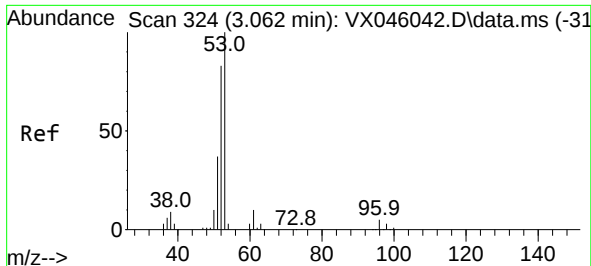
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Allyl chloride
Concen: 51.298 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

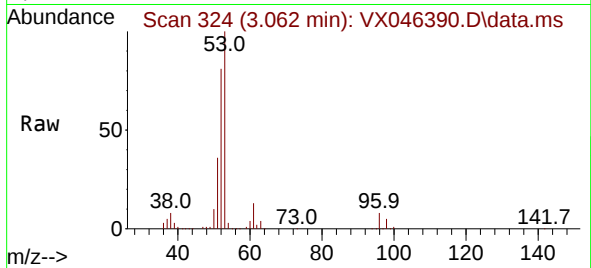
Tgt Ion: 41 Resp: 96190
Ion Ratio Lower Upper
41 100
39 73.9 60.6 90.8
76 29.6 24.9 37.3





#15
Acrylonitrile
Concen: 263.412 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

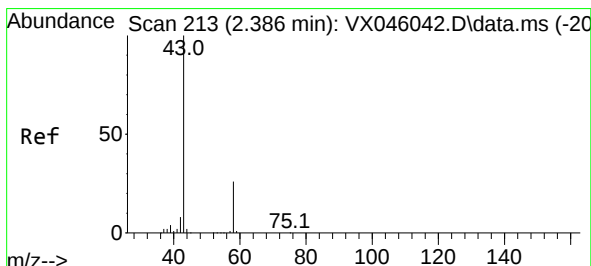
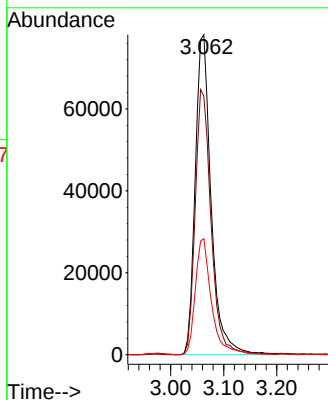
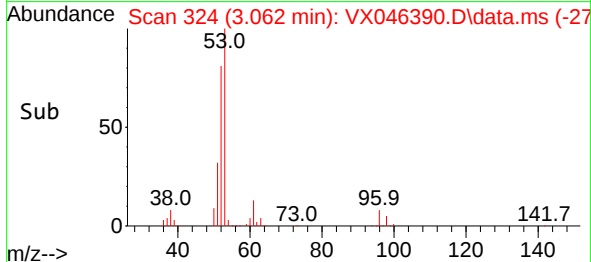
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 16309
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.8 29.8 44.8

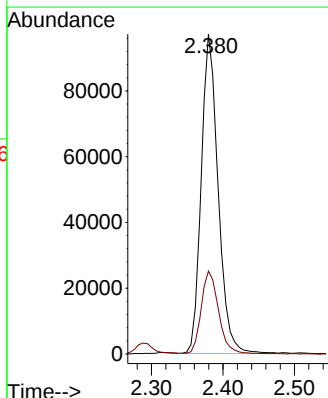
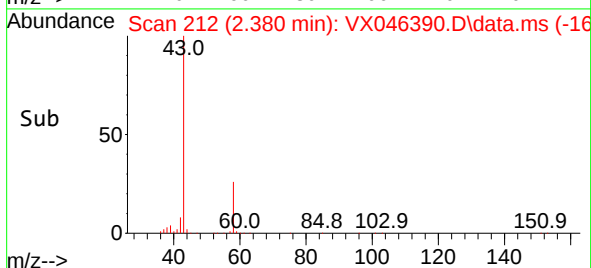
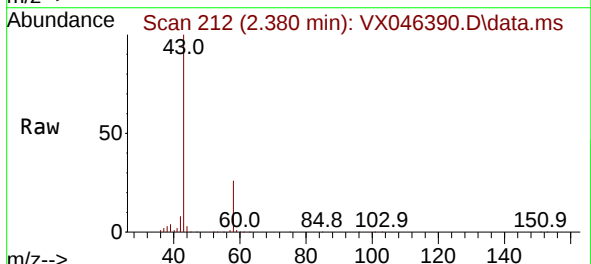
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
Acetone
Concen: 257.689 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 43 Resp: 159385
Ion Ratio Lower Upper
43 100
58 25.8 21.2 31.8





#17

Carbon Disulfide

Concen: 39.736 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046390.D

Acq: 29 May 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 92429

Ion Ratio Lower Upper

76 100

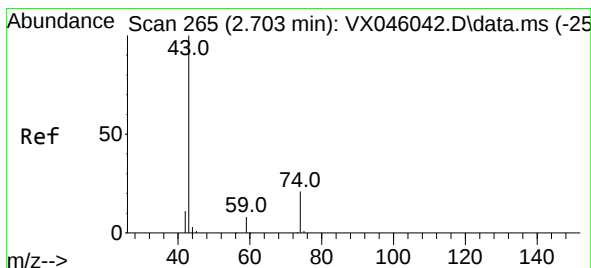
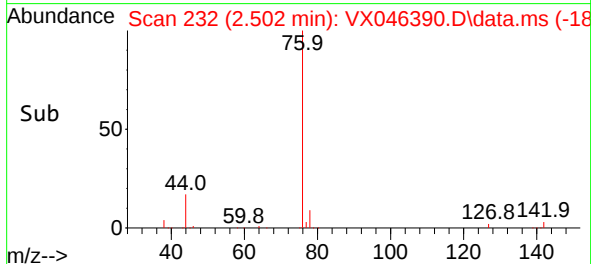
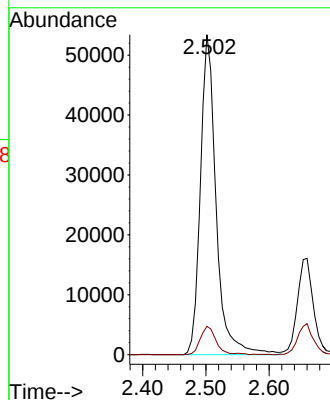
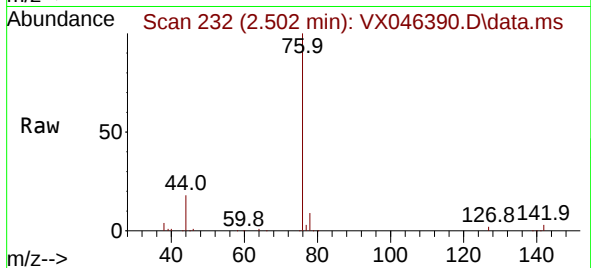
78 8.8 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#18

Methyl Acetate

Concen: 62.941 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046390.D

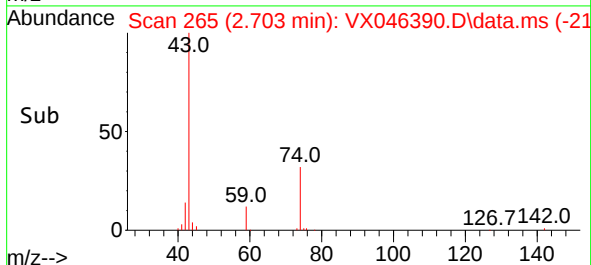
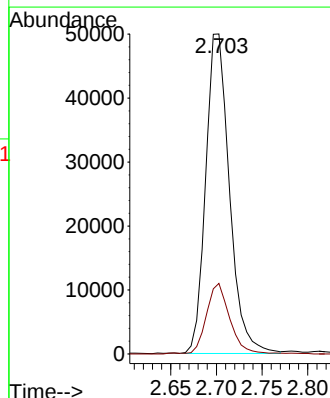
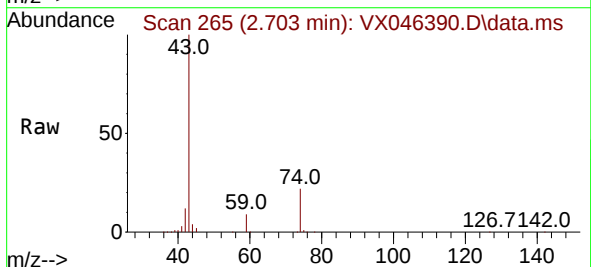
Acq: 29 May 2025 11:27

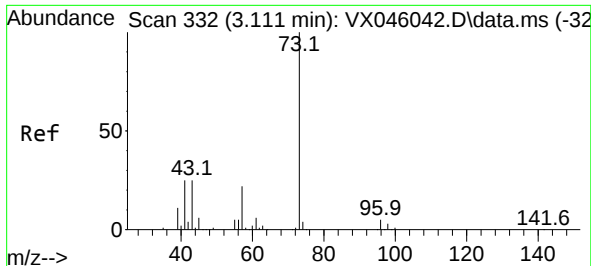
Tgt Ion: 43 Resp: 90338

Ion Ratio Lower Upper

43 100

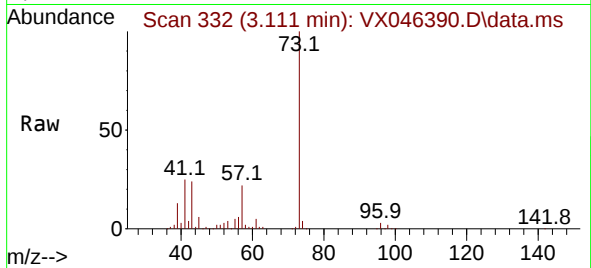
74 20.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 52.627 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

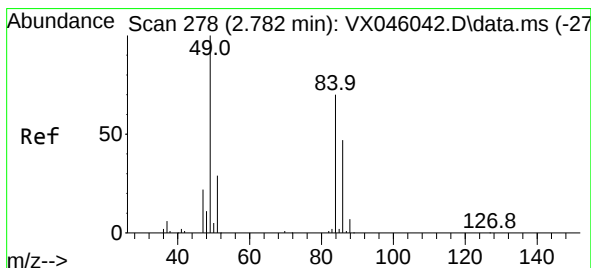
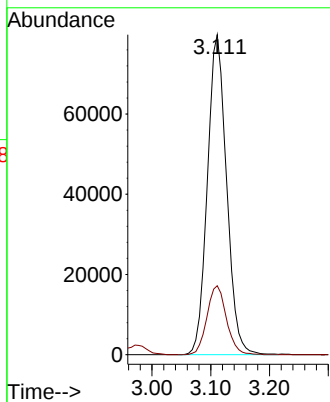
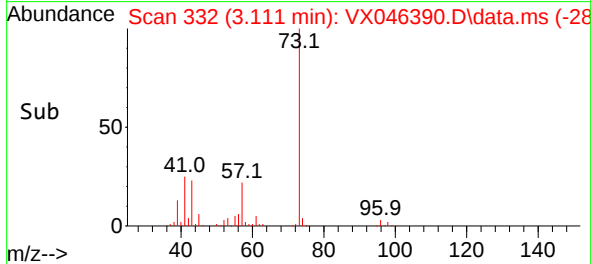
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 18102
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

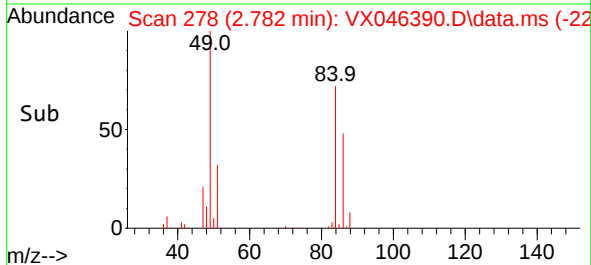
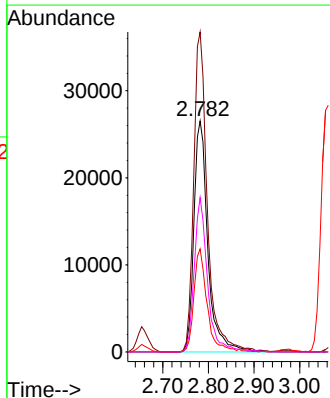
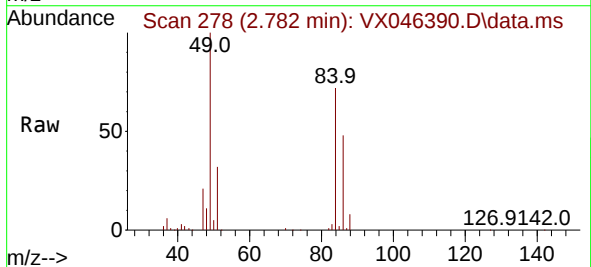
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#20
Methylene Chloride
Concen: 47.736 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

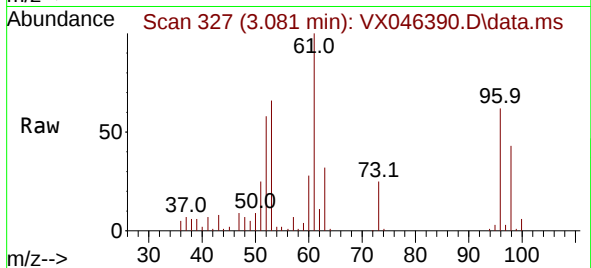
Tgt Ion: 84 Resp: 56580
Ion Ratio Lower Upper
84 100
49 138.5 113.9 170.9
51 44.6 33.5 50.3
86 66.8 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 46.994 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

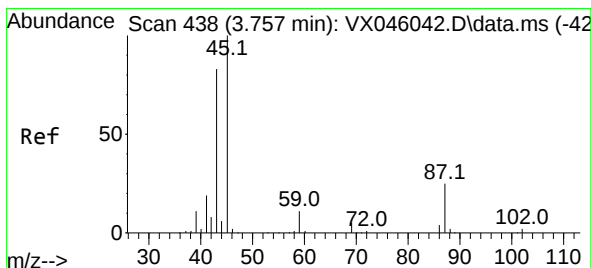
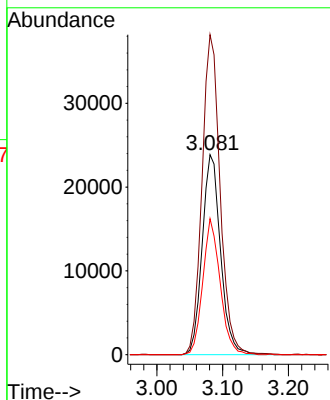
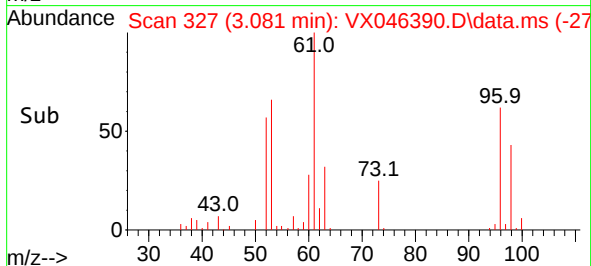
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 46368
Ion Ratio Lower Upper
96 100
61 160.0 119.5 179.3
98 68.0 50.0 75.0

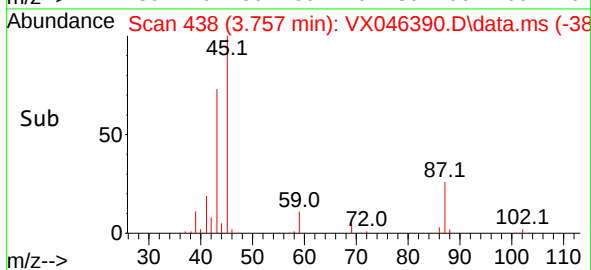
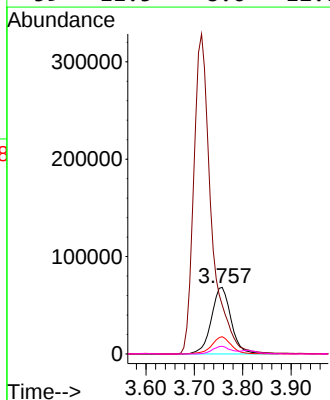
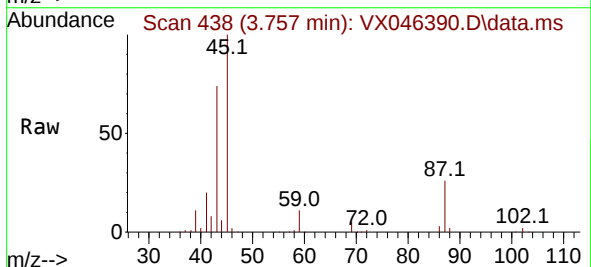
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
Diisopropyl ether
Concen: 53.372 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

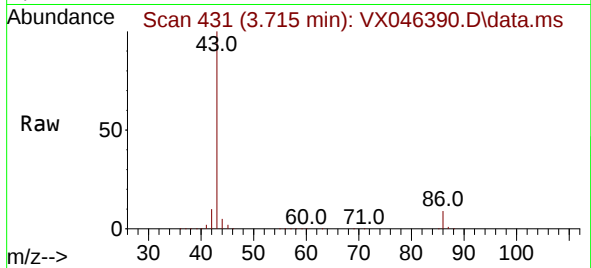
Tgt Ion: 45 Resp: 193320
Ion Ratio Lower Upper
45 100
43 73.4 66.6 100.0
87 26.1 19.8 29.6
59 11.5 8.6 12.8





#23
 Vinyl Acetate
 Concen: 260.016 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

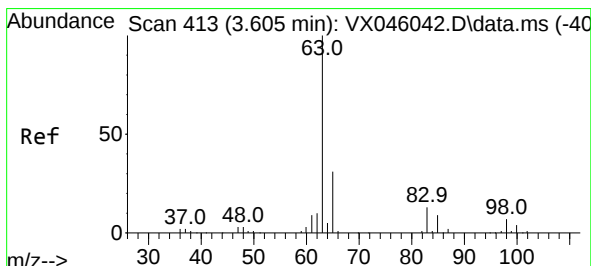
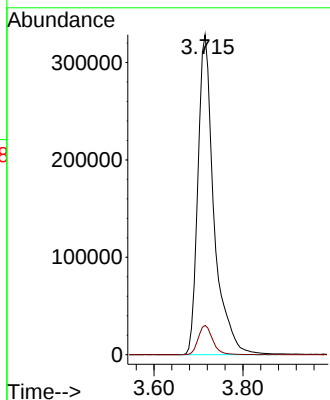
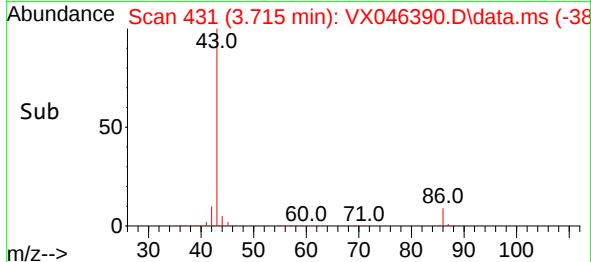
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 82834
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

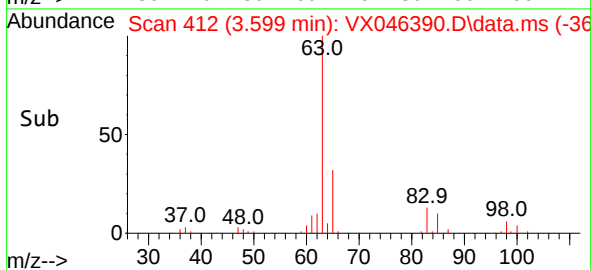
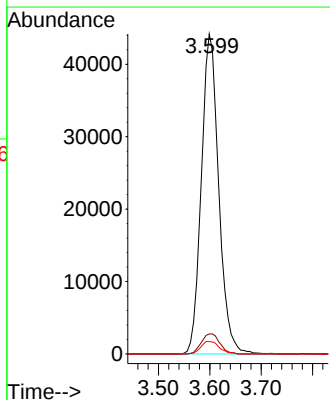
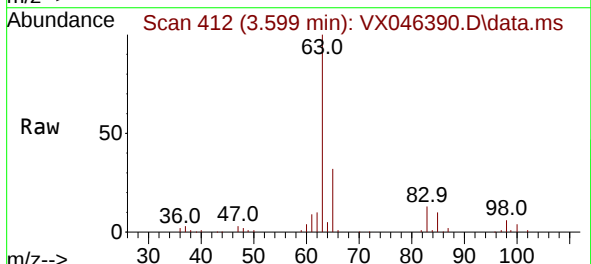
Manual Integrations
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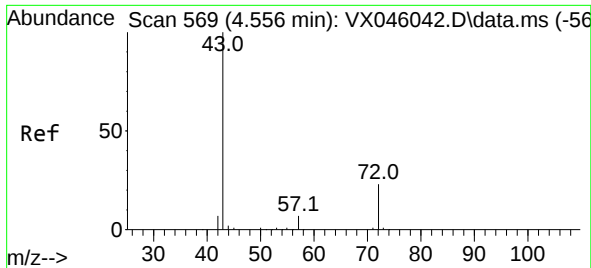
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#24
 1,1-Dichloroethane
 Concen: 51.410 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

Tgt Ion: 63 Resp: 103715
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 3.9 2.1 6.3





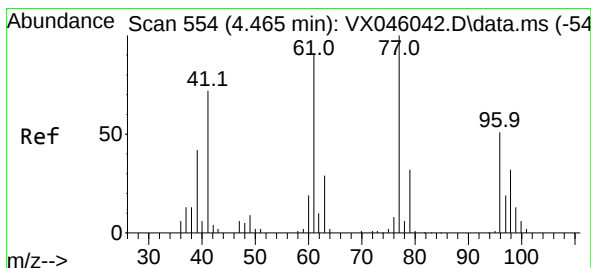
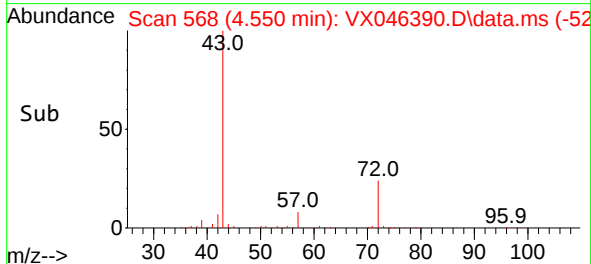
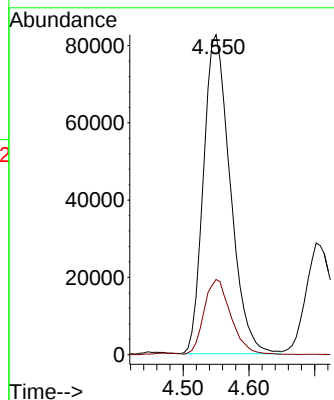
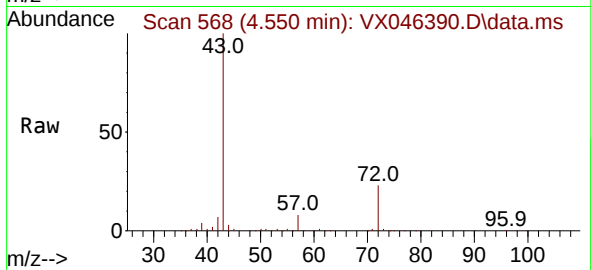
#25
2-Butanone
Concen: 260.452 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 23387
Ion Ratio Lower Upper
43 100
72 23.4 18.4 27.6

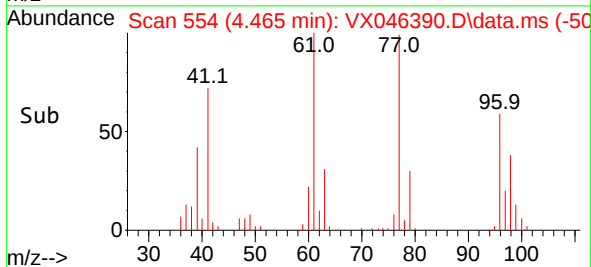
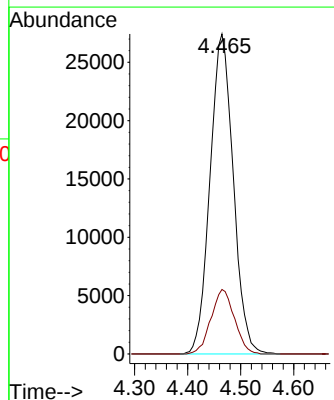
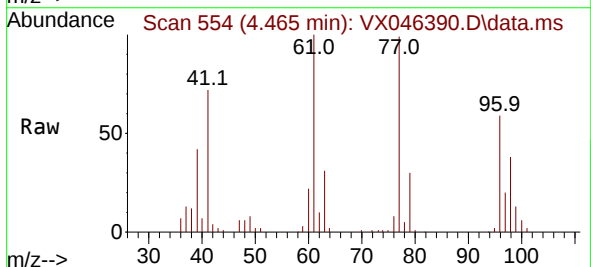
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
2,2-Dichloropropane
Concen: 52.920 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

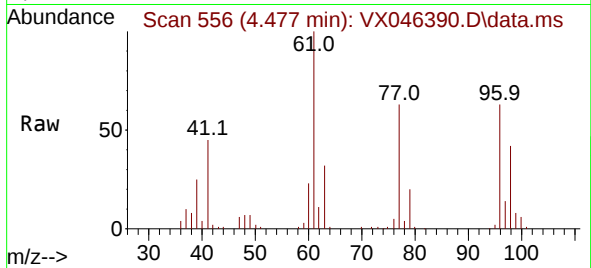
Tgt Ion: 77 Resp: 83564
Ion Ratio Lower Upper
77 100
97 20.3 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.177 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

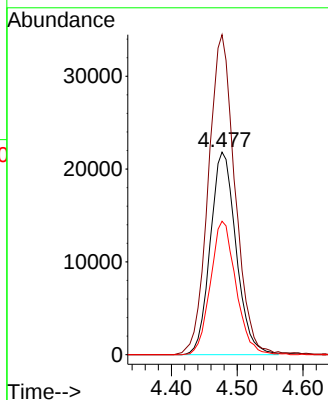
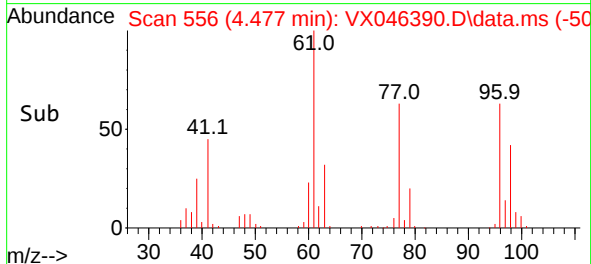
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 5960
 Ion Ratio Lower Upper
 96 100
 61 164.0 0.0 322.8
 98 65.0 0.0 129.0

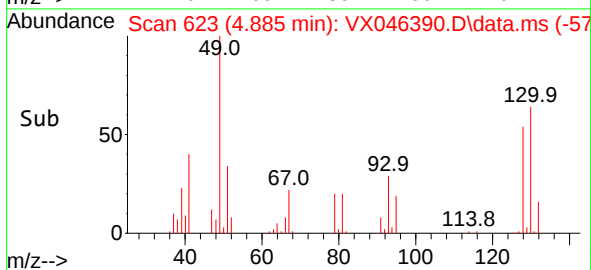
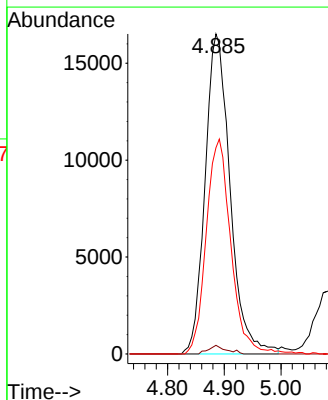
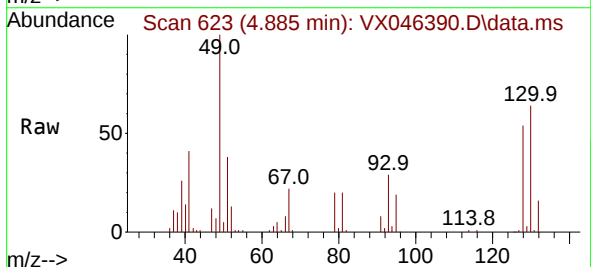
Manual Integrations
 APPROVED

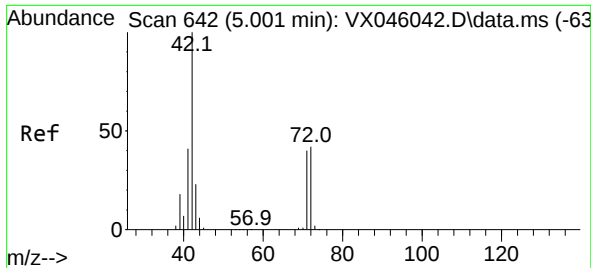
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#28
 Bromochloromethane
 Concen: 52.083 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

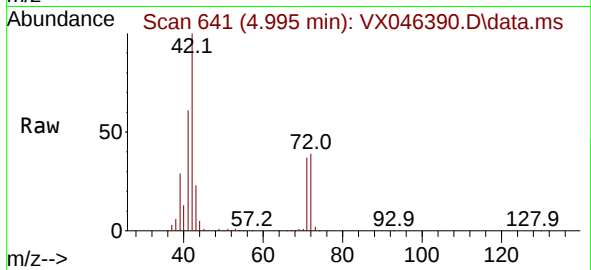
Tgt Ion: 49 Resp: 50577
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 66.3 56.2 84.2





#29
Tetrahydrofuran
Concen: 258.913 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

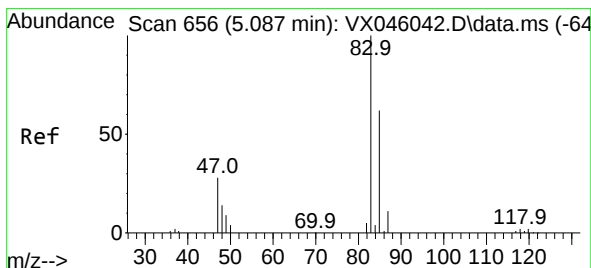
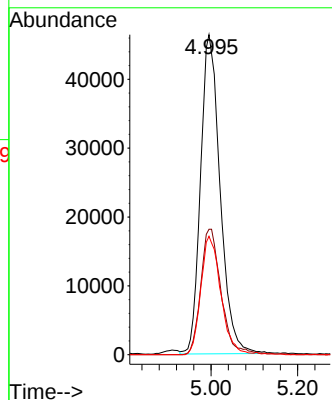
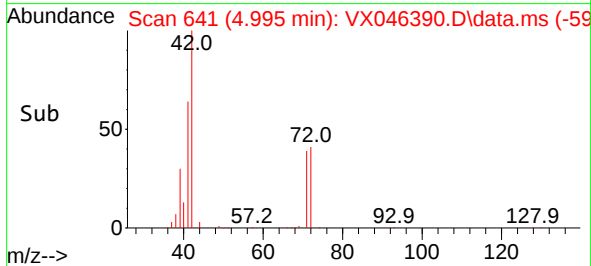
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 145689
Ion Ratio Lower Upper
42 100
72 40.8 33.7 50.5
71 37.6 31.4 47.2

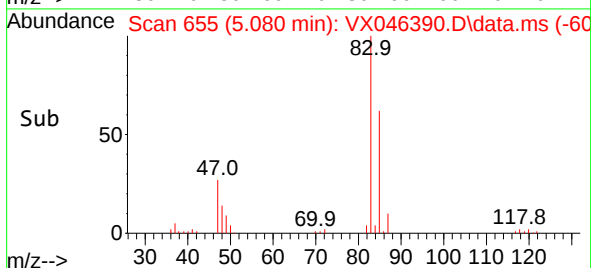
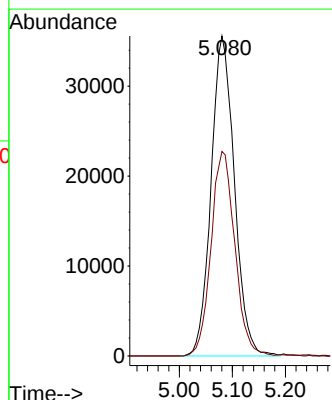
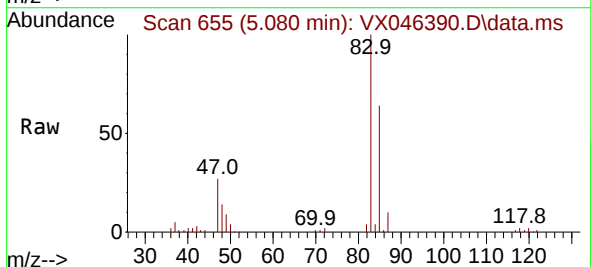
Manual Integrations
APPROVED

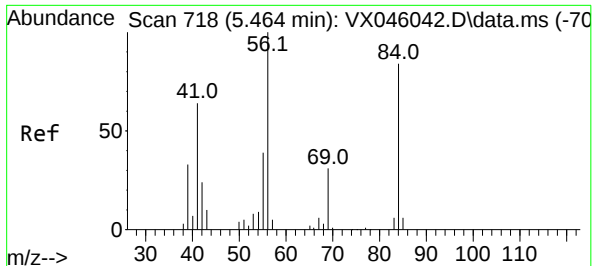
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#30
Chloroform
Concen: 51.689 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 83 Resp: 108691
Ion Ratio Lower Upper
83 100
85 63.9 49.3 73.9





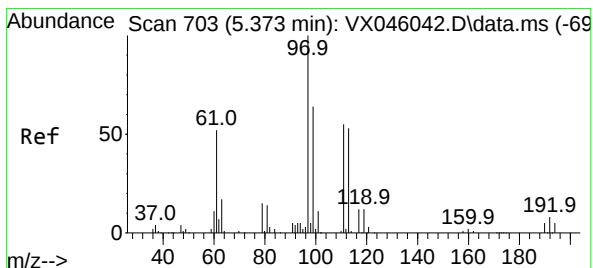
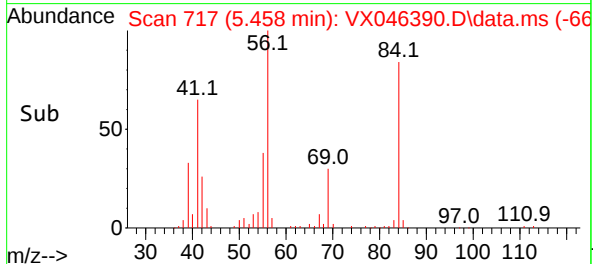
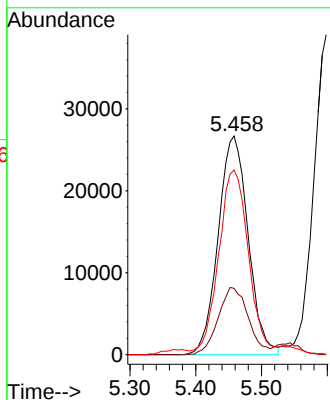
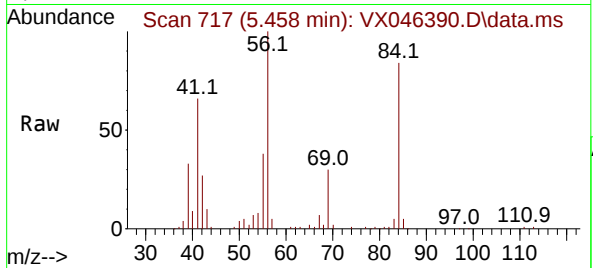
#31
Cyclohexane
Concen: 45.966 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 84504
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 82.3 66.9 100.3

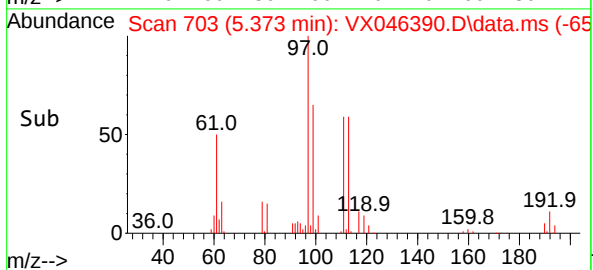
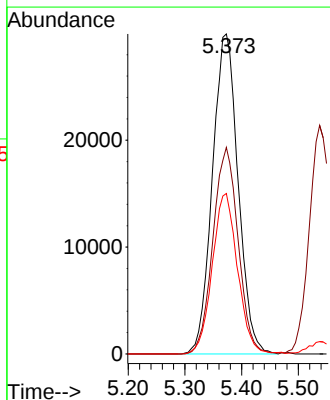
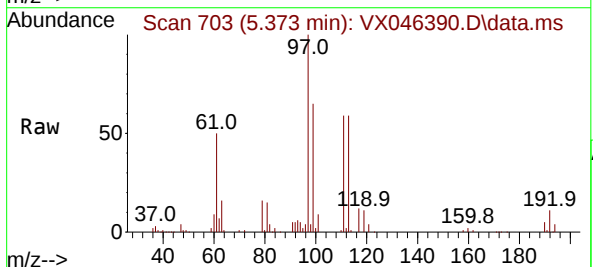
Manual Integrations
APPROVED

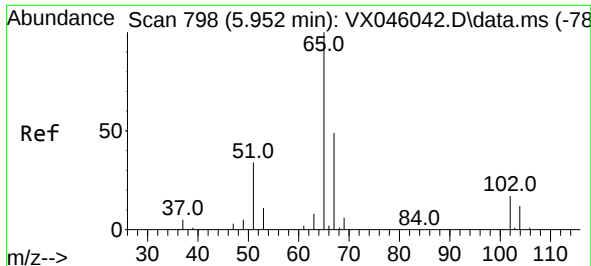
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#32
1,1,1-Trichloroethane
Concen: 51.751 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 97 Resp: 94331
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.6
61 49.2 40.1 60.1





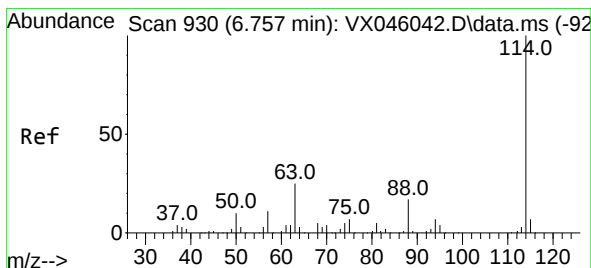
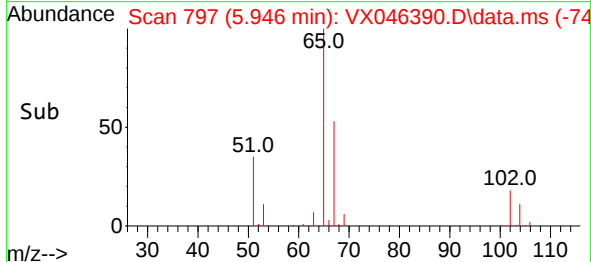
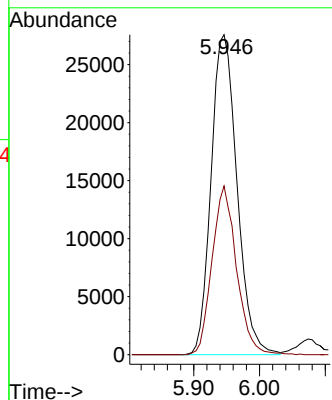
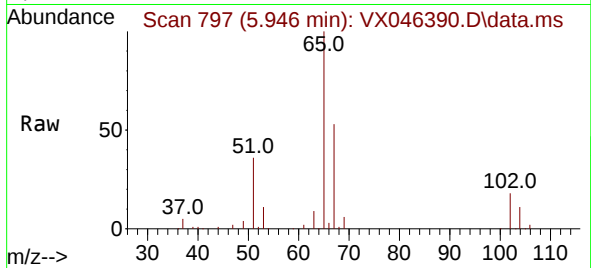
#33
 1,2-Dichloroethane-d4
 Concen: 49.041 ug/l
 RT: 5.946 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 75652
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.0

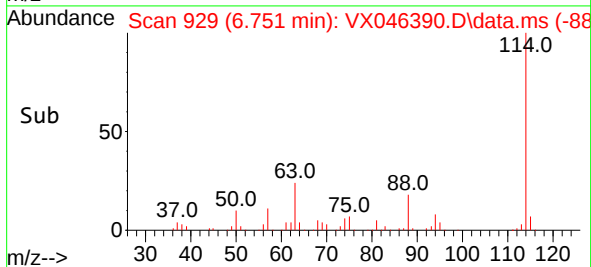
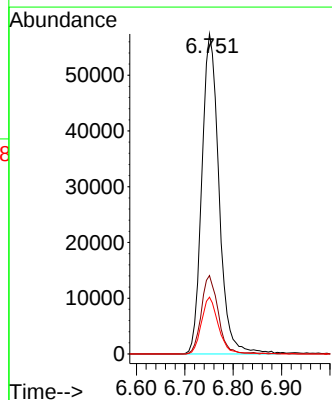
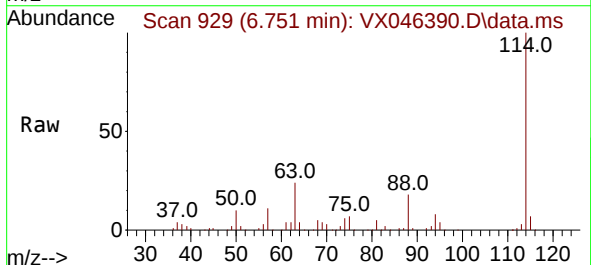
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

Tgt Ion:114 Resp: 141651
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 17.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.543 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX046390.D

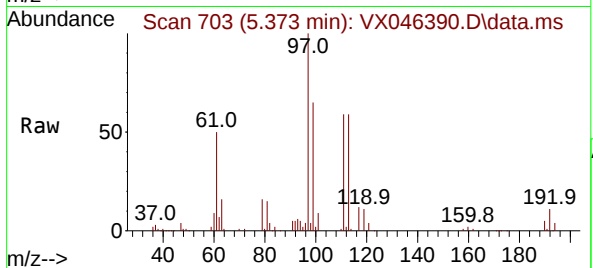
Acq: 29 May 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



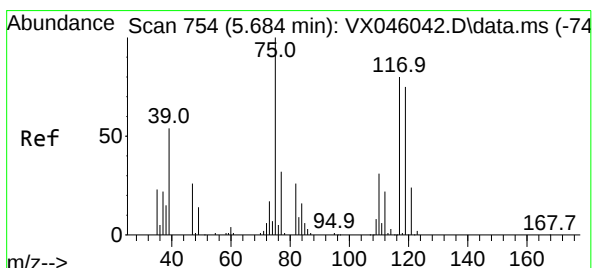
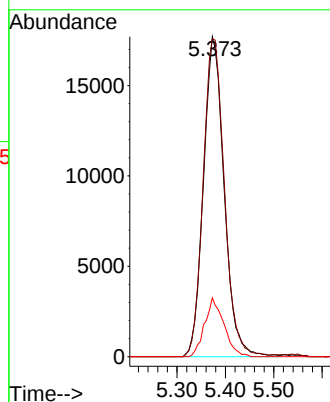
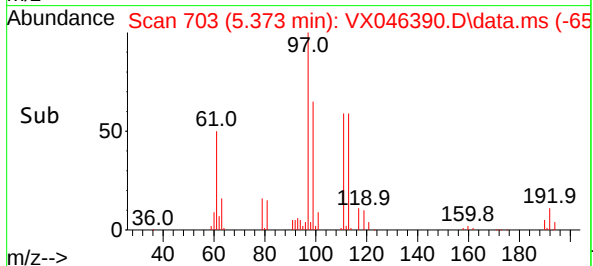
Tgt Ion:	113	Resp:	52570
Ion Ratio	Lower	Upper	
113	100		
111	101.9	83.1	124.7
192	17.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#36

1,1-Dichloropropene

Concen: 49.860 ug/l

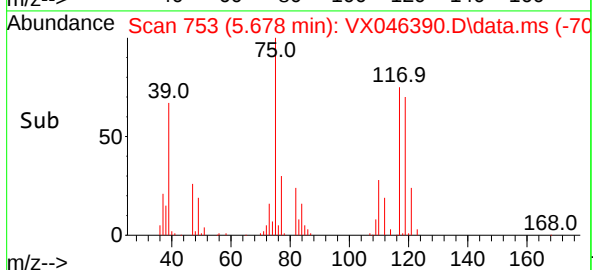
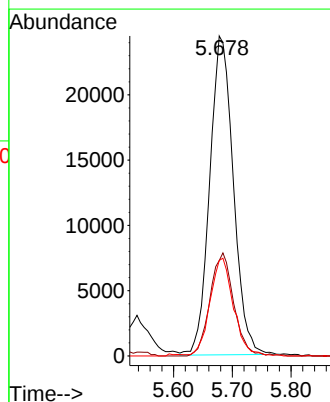
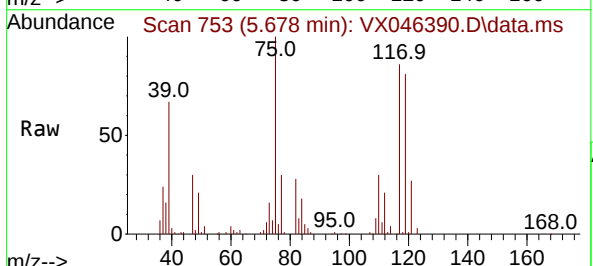
RT: 5.678 min Scan# 753

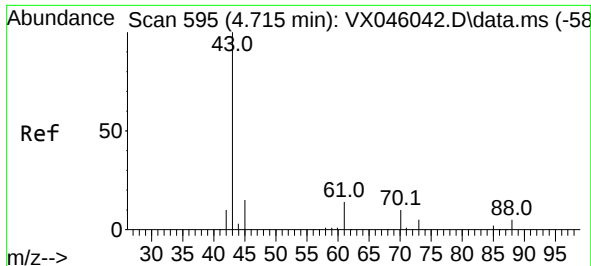
Delta R.T. -0.006 min

Lab File: VX046390.D

Acq: 29 May 2025 11:27

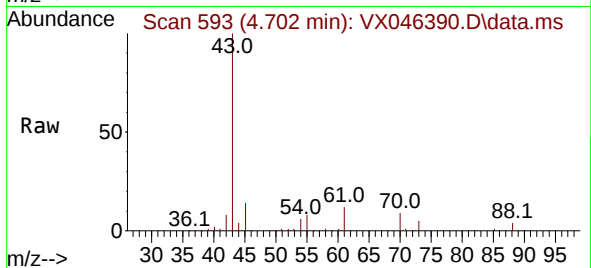
Tgt Ion:	75	Resp:	68334
Ion Ratio	Lower	Upper	
75	100		
110	32.6	16.3	48.9
77	30.6	24.3	36.5





#37
Ethyl Acetate
Concen: 50.994 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

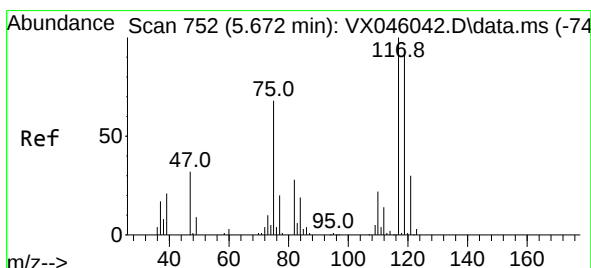
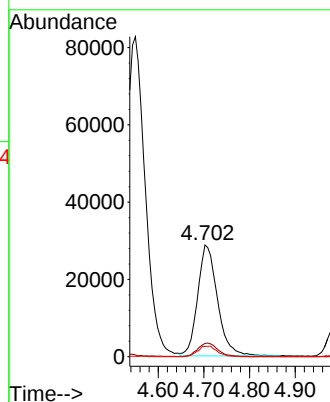
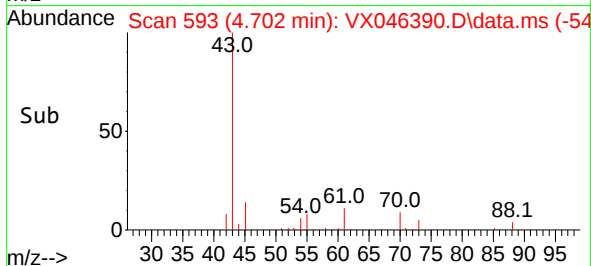
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 8634
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 9.3 7.9 11.9

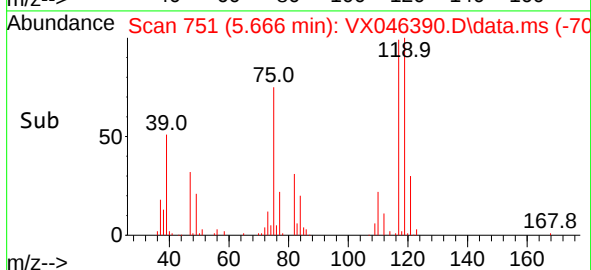
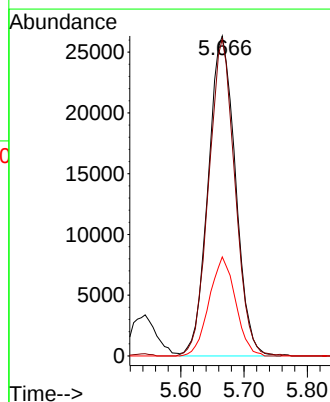
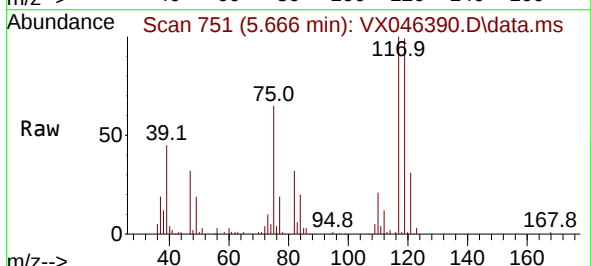
Manual Integrations
APPROVED

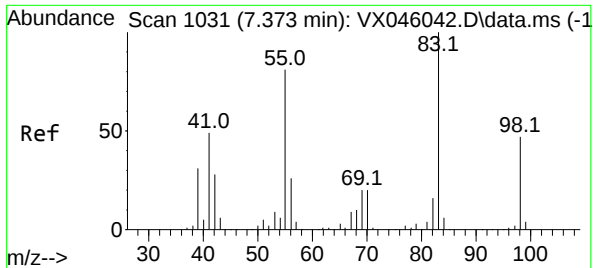
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38
Carbon Tetrachloride
Concen: 51.025 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion:117 Resp: 78573
Ion Ratio Lower Upper
117 100
119 98.5 75.2 112.8
121 31.0 24.2 36.4





#39

Methylcyclohexane

Concen: 48.169 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046390.D

Acq: 29 May 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 8499

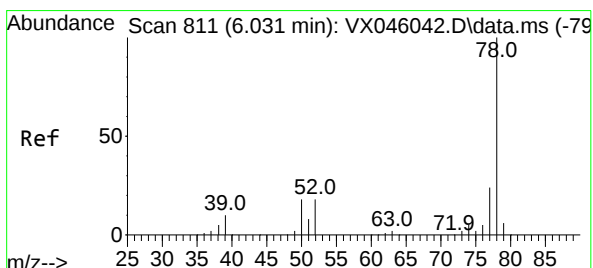
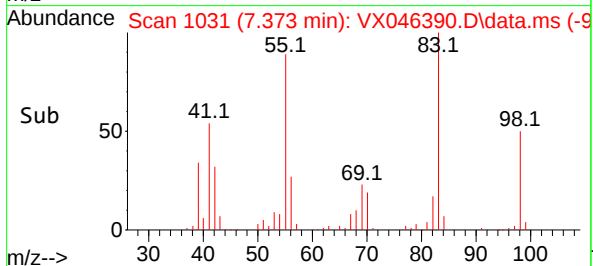
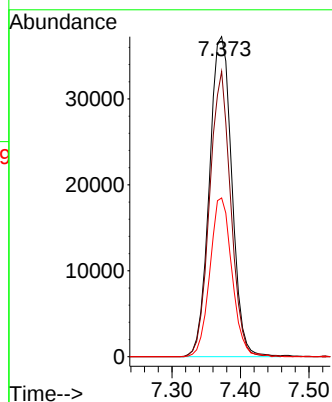
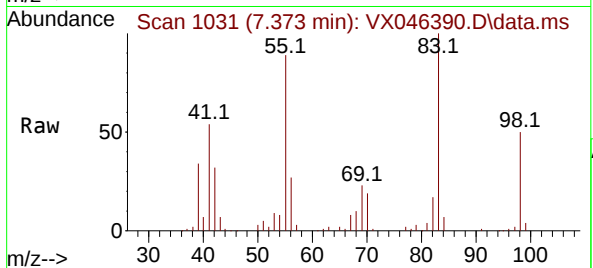
Ion	Ratio	Lower	Upper
83	100		
55	89.1	64.7	97.1
98	49.6	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#40

Benzene

Concen: 50.777 ug/l

RT: 6.025 min Scan# 810

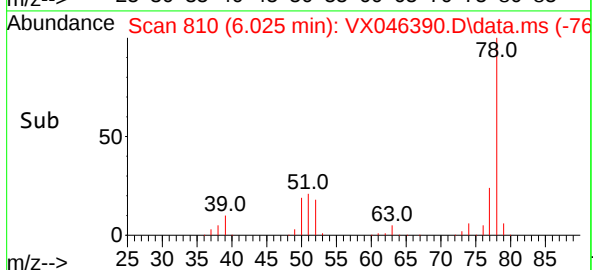
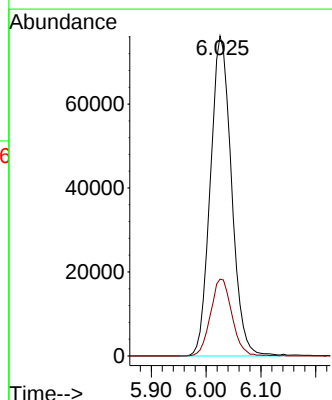
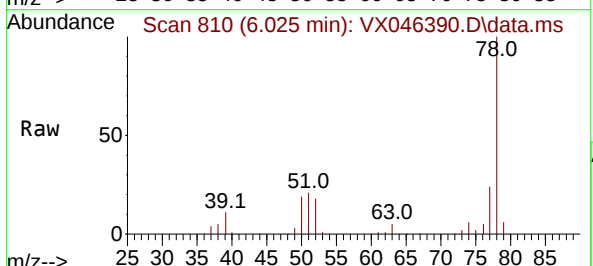
Delta R.T. -0.006 min

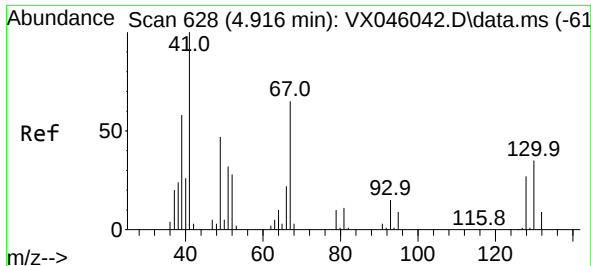
Lab File: VX046390.D

Acq: 29 May 2025 11:27

Tgt Ion: 78 Resp: 203838

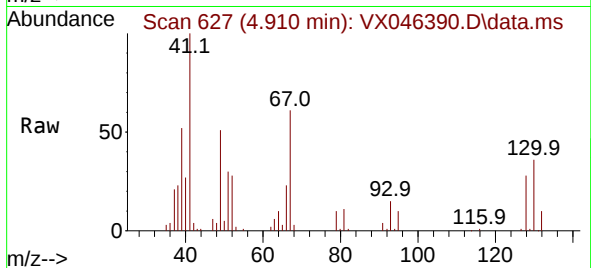
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41
Methacrylonitrile
Concen: 57.632 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

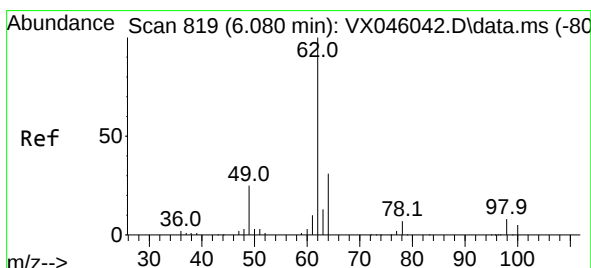
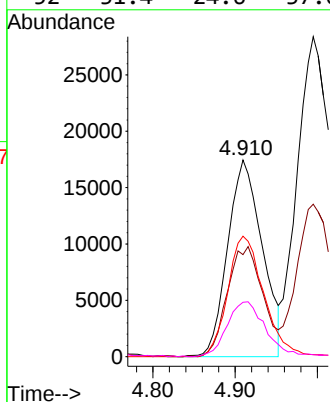
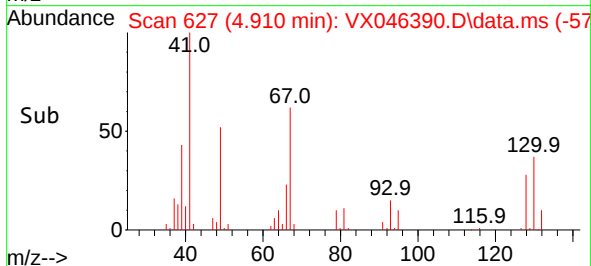
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 51049
Ion Ratio Lower Upper
41 100
39 57.6 47.2 70.8
67 64.2 50.7 76.1
52 31.4 24.6 37.0

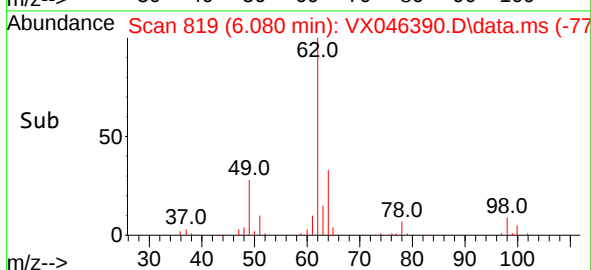
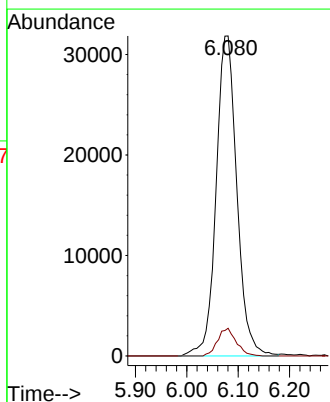
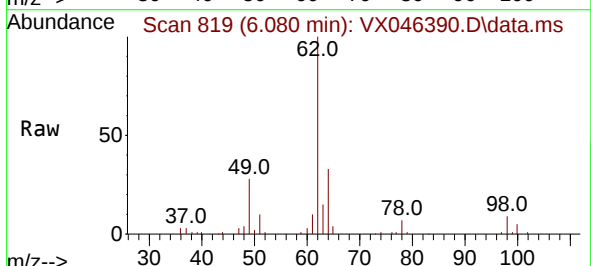
Manual Integrations
APPROVED

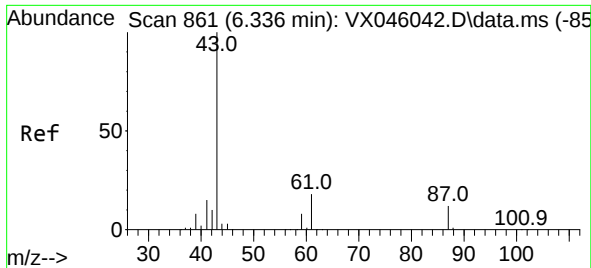
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42
1,2-Dichloroethane
Concen: 51.504 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

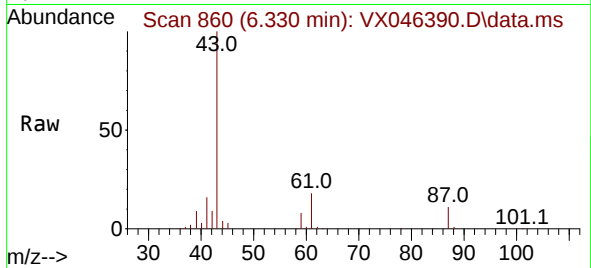
Tgt Ion: 62 Resp: 89234
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 54.676 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

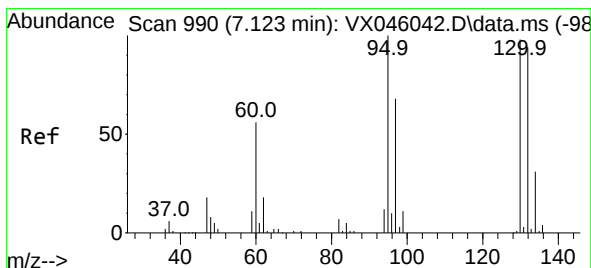
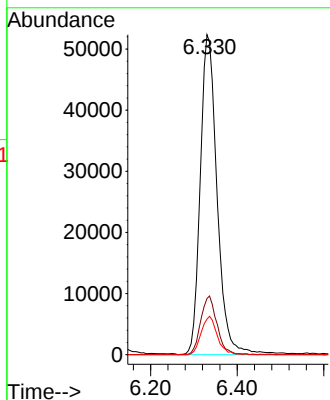
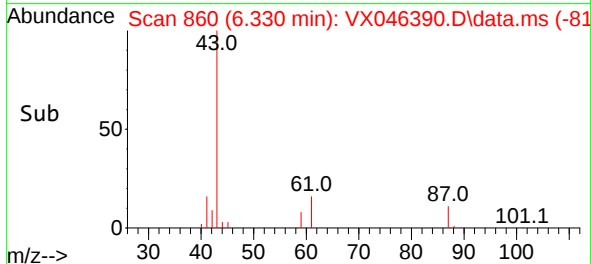
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 141238
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 11.4 9.5 14.3

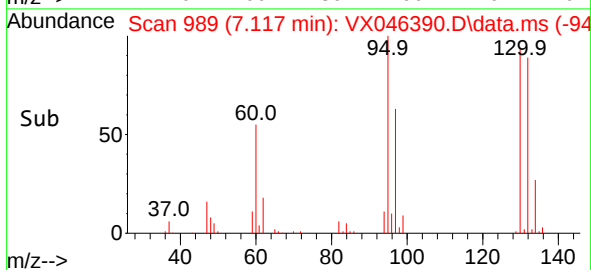
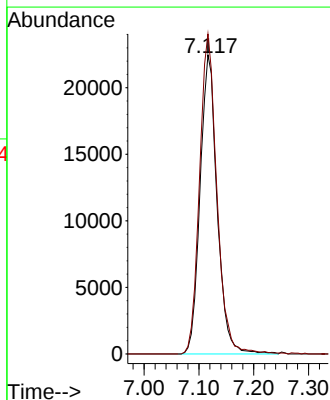
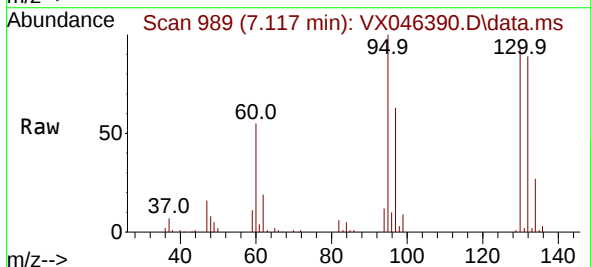
Manual Integrations
APPROVED

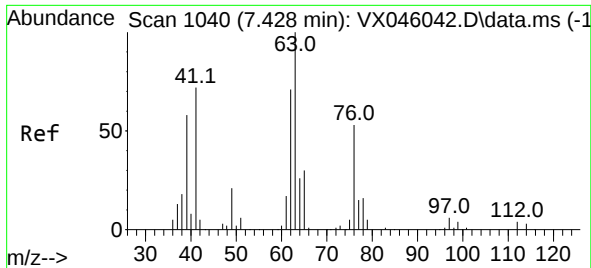
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
Trichloroethene
Concen: 50.225 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion:130 Resp: 48527
Ion Ratio Lower Upper
130 100
95 107.0 0.0 204.2





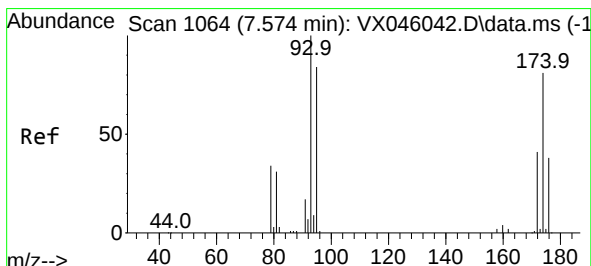
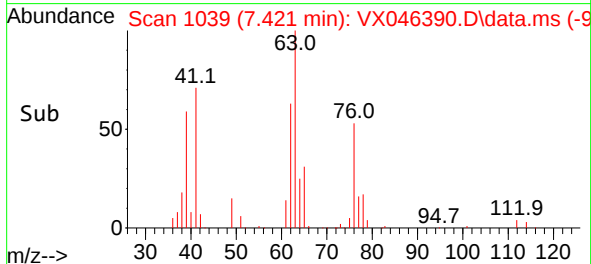
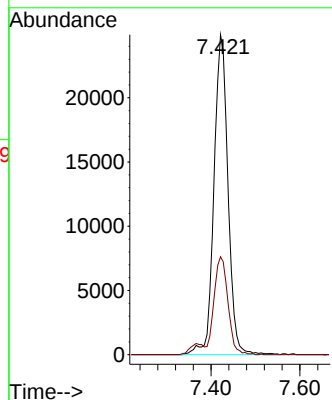
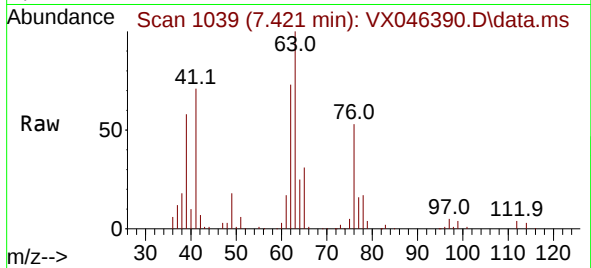
#45
1,2-Dichloropropane
Concen: 54.697 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 5459
Ion Ratio Lower Upper
63 100
65 30.6 24.1 36.1

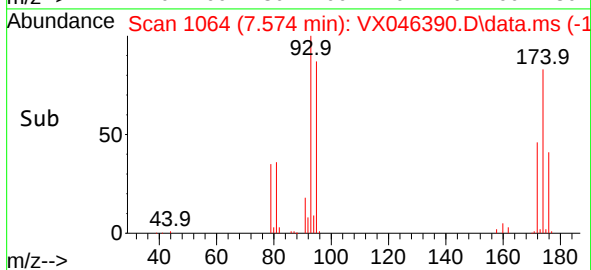
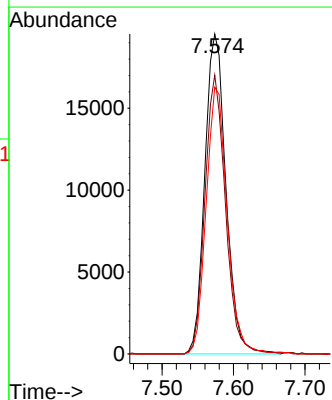
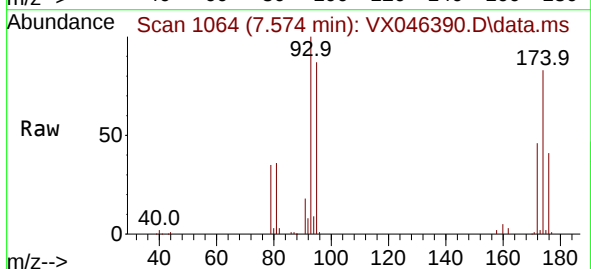
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#46
Dibromomethane
Concen: 50.963 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

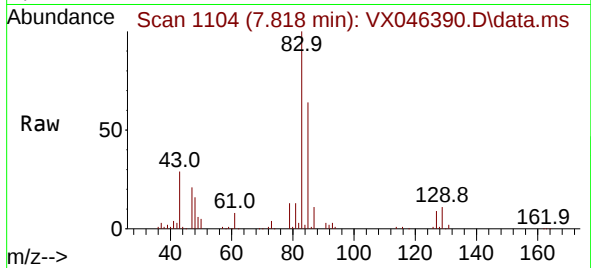
Tgt Ion: 93 Resp: 40123
Ion Ratio Lower Upper
93 100
95 84.9 65.6 98.4
174 83.2 68.2 102.2





#47
Bromodichloromethane
Concen: 54.092 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

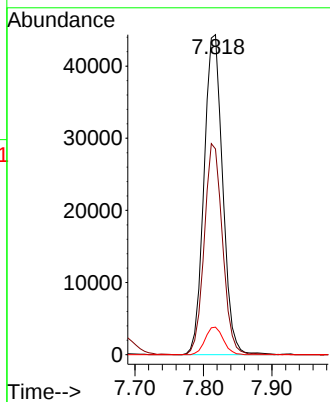
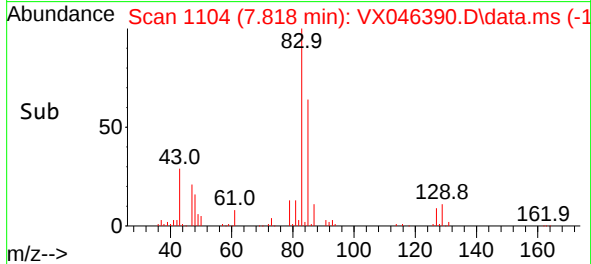
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



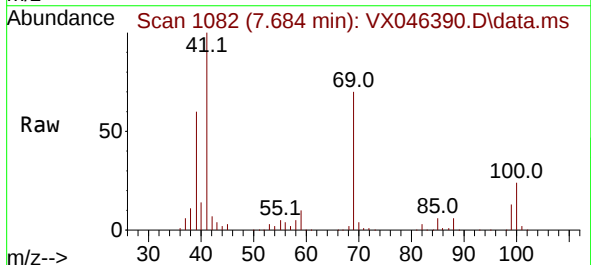
Tgt Ion: 83 Resp: 83870
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 8.6 6.5 9.7

Manual Integrations
APPROVED

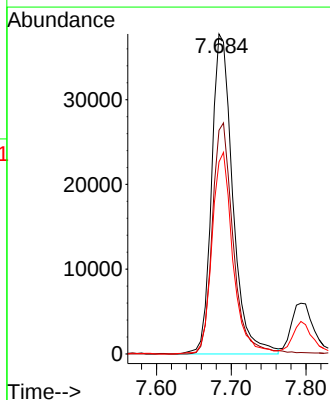
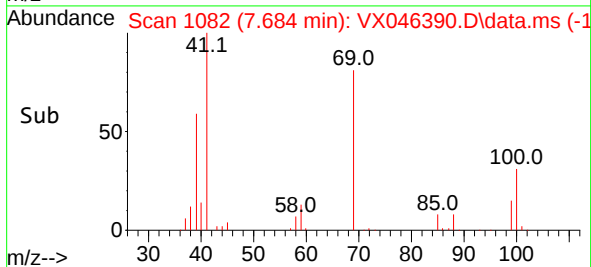
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

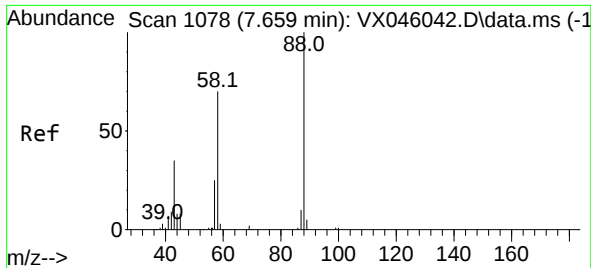


#48
Methyl methacrylate
Concen: 56.325 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



Tgt Ion: 41 Resp: 74307
Ion Ratio Lower Upper
41 100
69 71.6 58.5 87.7
39 62.1 51.7 77.5





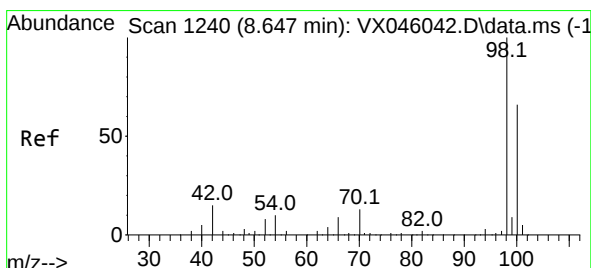
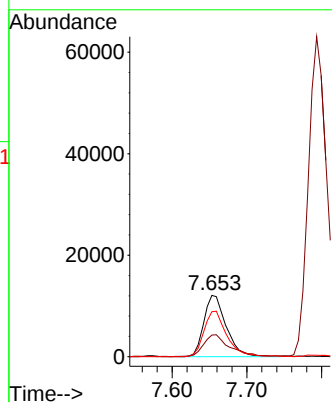
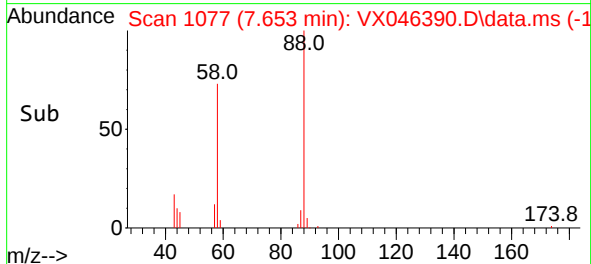
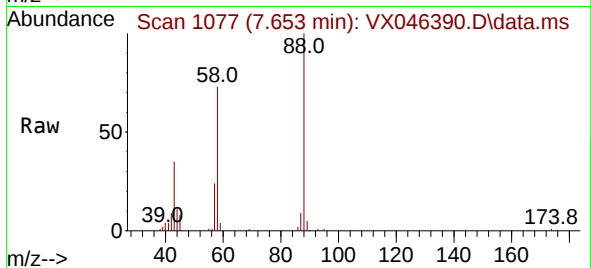
#49
1,4-Dioxane
Concen: 1001.270 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2508
Ion Ratio Lower Upper
88 100
43 42.2 33.4 50.2
58 75.0 58.6 88.0

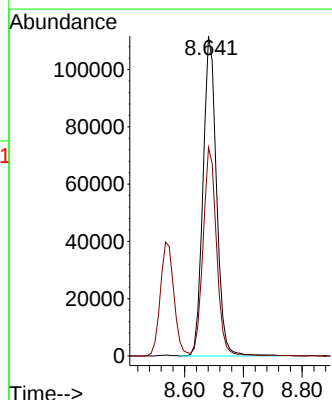
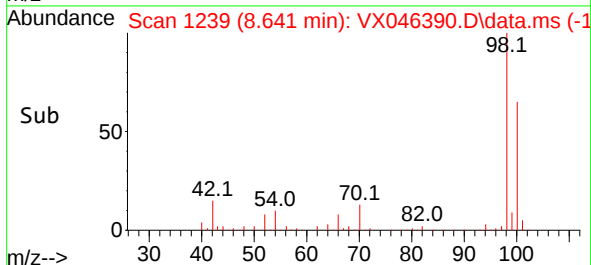
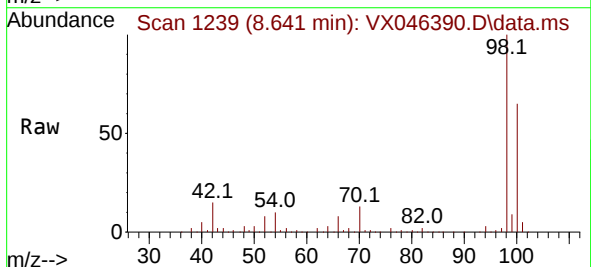
Manual Integrations
APPROVED

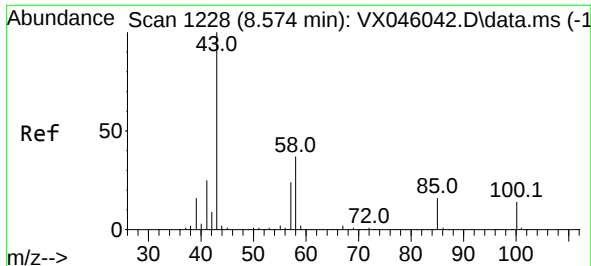
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50
Toluene-d8
Concen: 50.615 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 98 Resp: 178695
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3





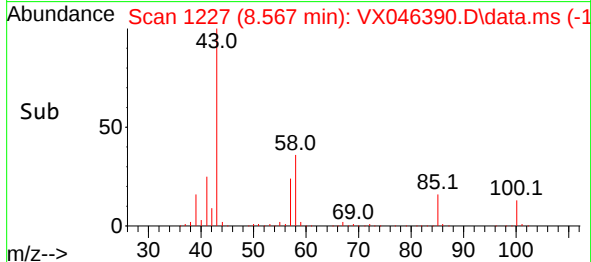
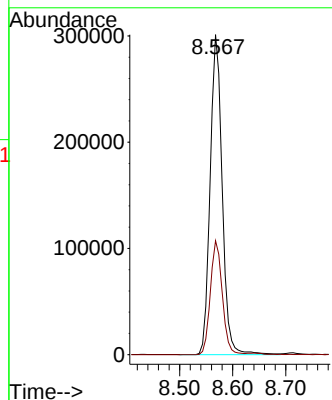
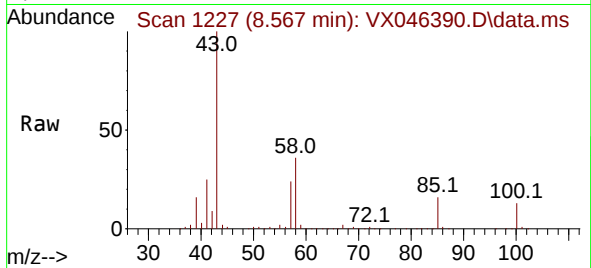
#51
4-Methyl-2-Pentanone
Concen: 276.793 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 474614
Ion Ratio Lower Upper
43 100
58 35.3 28.9 43.3

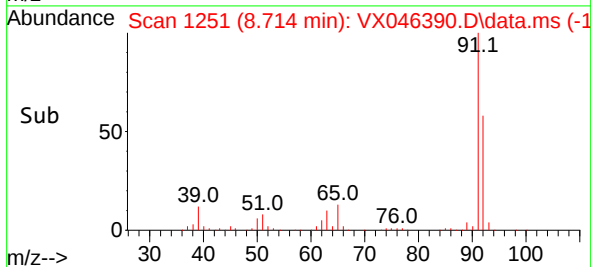
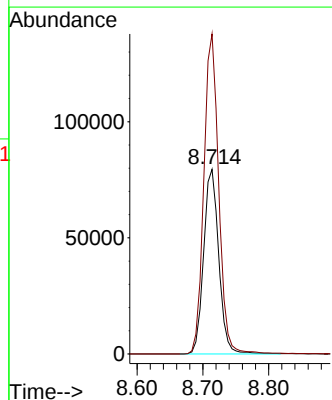
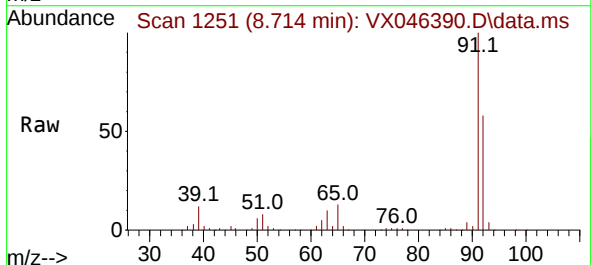
Manual Integrations
APPROVED

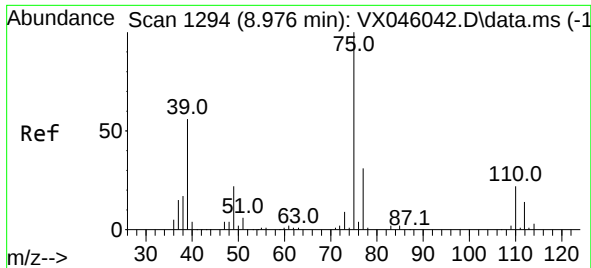
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
Toluene
Concen: 51.657 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

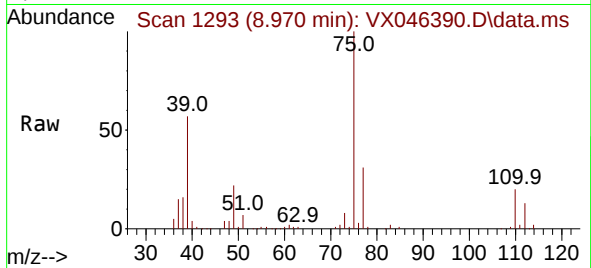
Tgt Ion: 92 Resp: 127156
Ion Ratio Lower Upper
92 100
91 170.9 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 55.320 ug/l
RT: 8.970 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

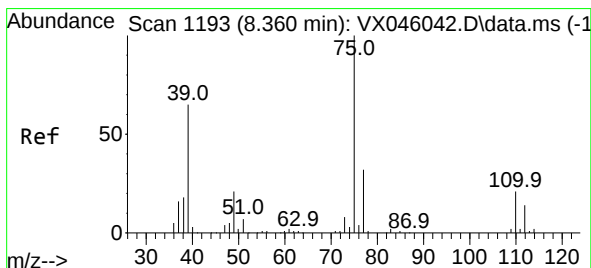
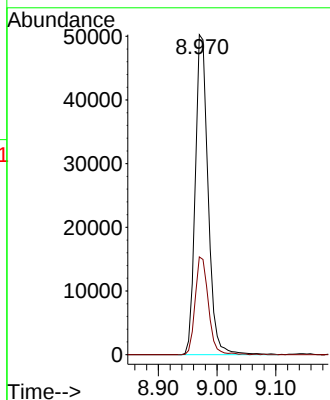
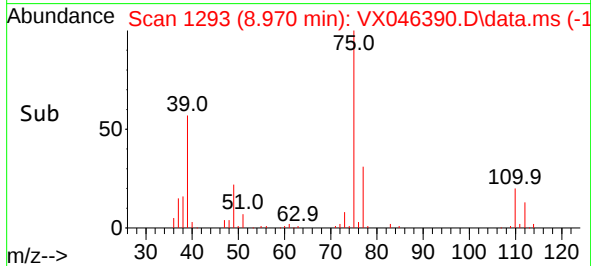
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 76240
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6

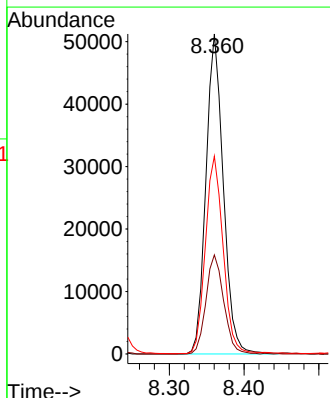
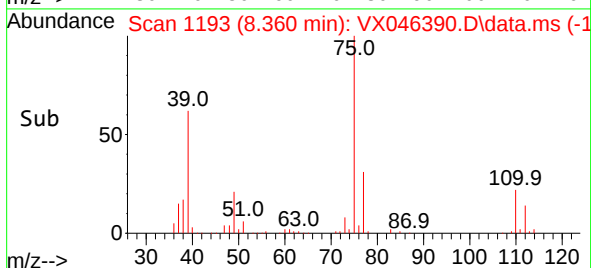
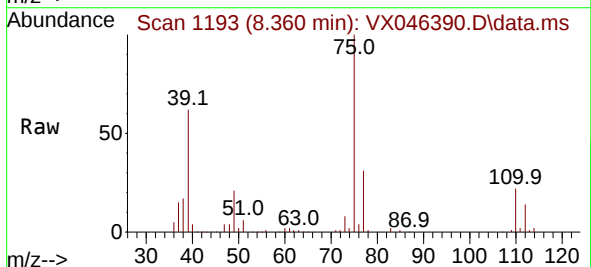
Manual Integrations
APPROVED

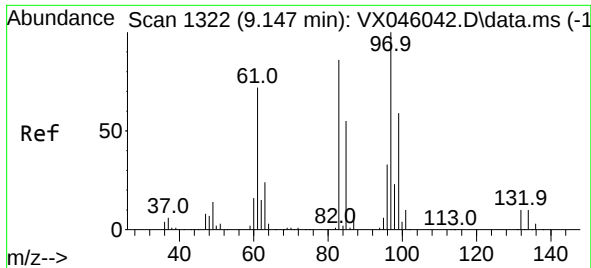
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#54
cis-1,3-Dichloropropene
Concen: 54.299 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 75 Resp: 82715
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 61.7 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 53.892 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

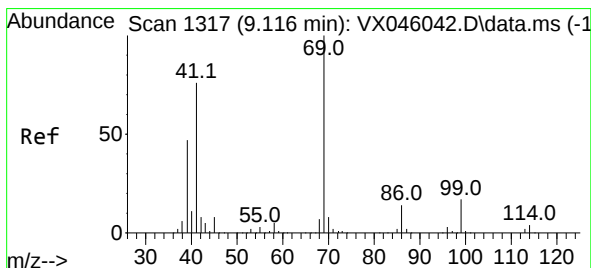
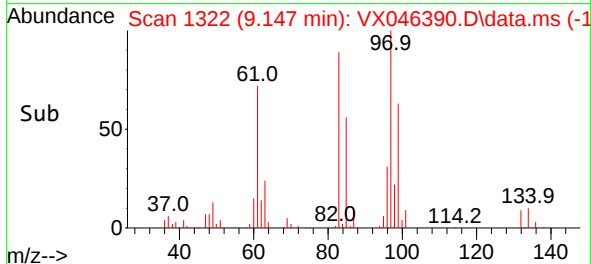
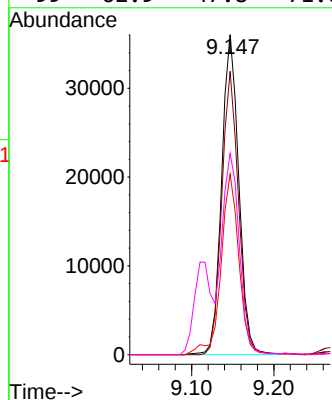
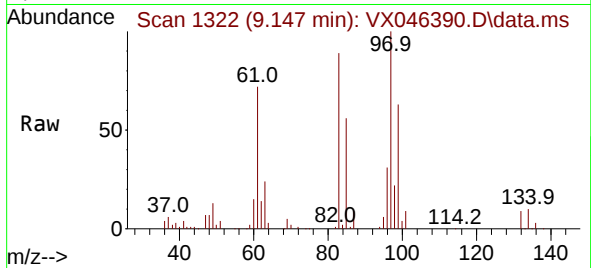
VSTDCCC050

Tgt Ion: 97 Resp: 52308
Ion Ratio Lower Upper
97 100
83 88.6 69.0 103.6
85 56.4 44.3 66.5
99 62.9 47.8 71.6

Manual Integrations

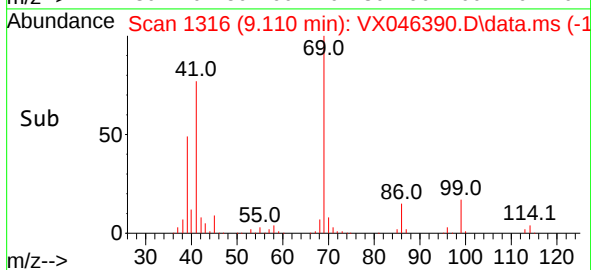
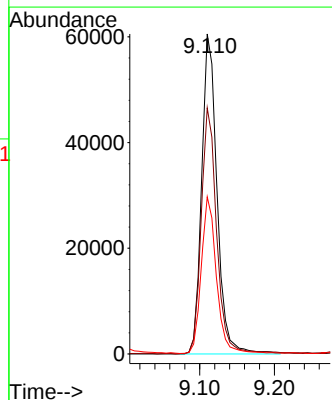
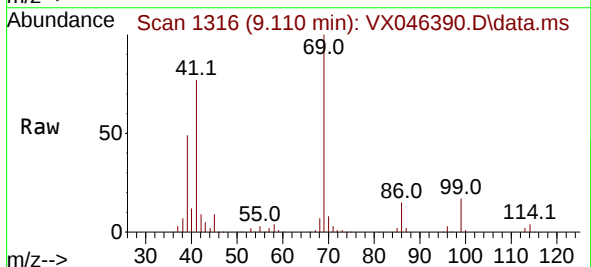
APPROVED

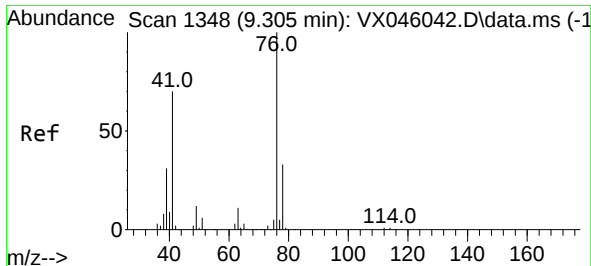
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Ethyl methacrylate
Concen: 55.944 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion: 69 Resp: 86542
Ion Ratio Lower Upper
69 100
41 77.9 60.8 91.2
39 48.2 39.0 58.6





#57

1,3-Dichloropropane

Concen: 52.772 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX046390.D

Acq: 29 May 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 91988

Ion Ratio Lower Upper

76 100

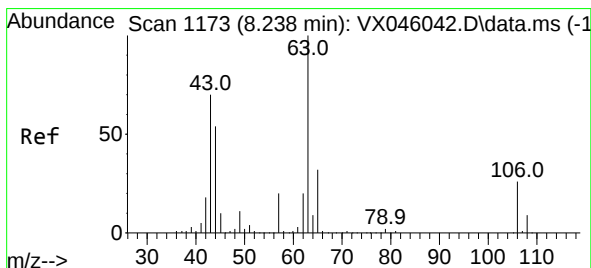
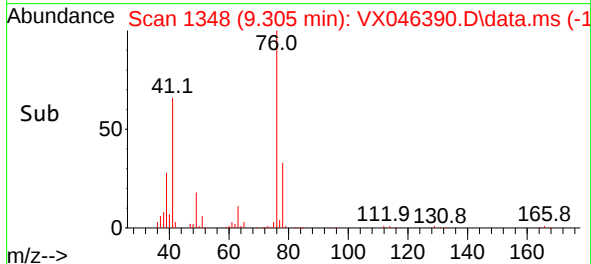
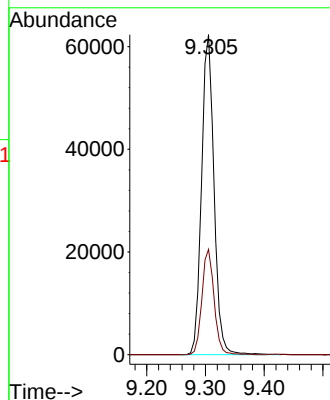
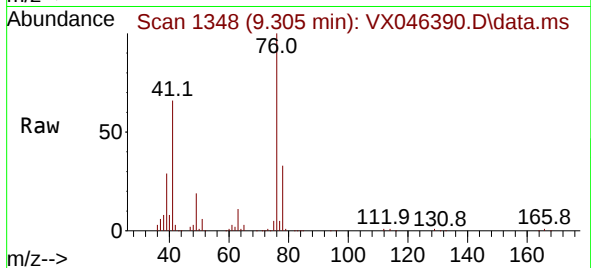
78 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 286.388 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046390.D

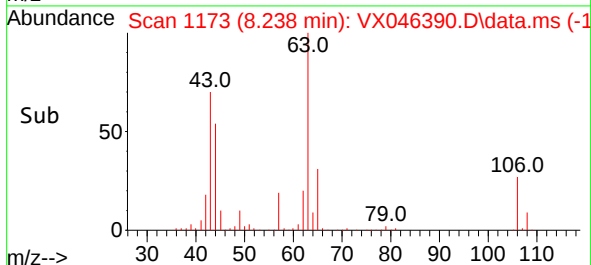
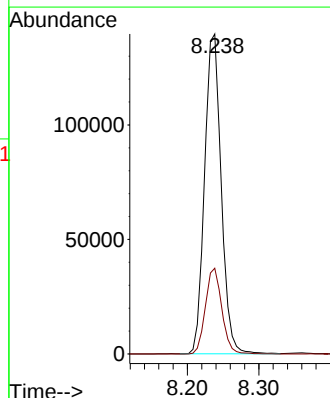
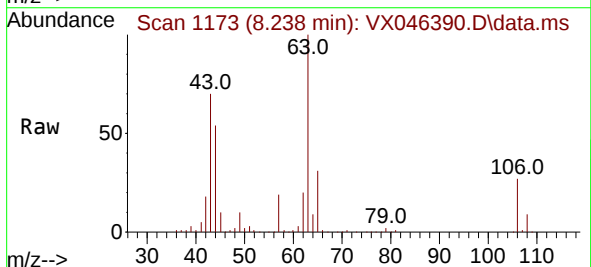
Acq: 29 May 2025 11:27

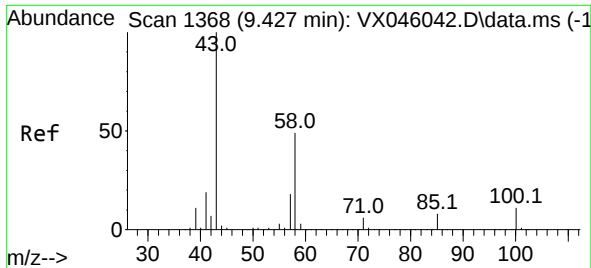
Tgt Ion: 63 Resp: 225859

Ion Ratio Lower Upper

63 100

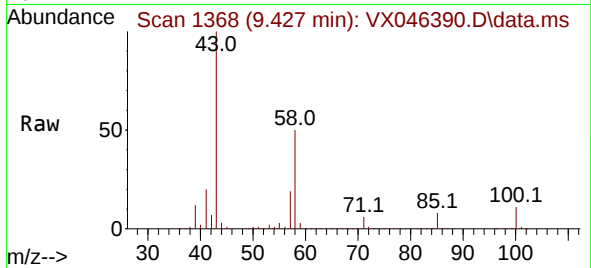
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 275.651 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

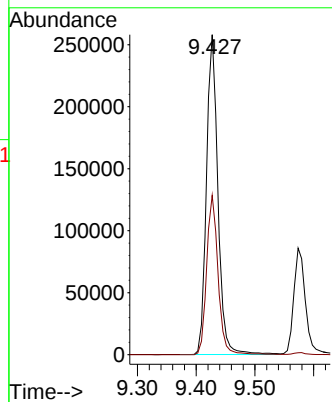
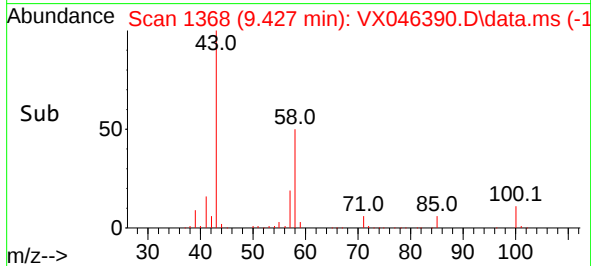
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 34968
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

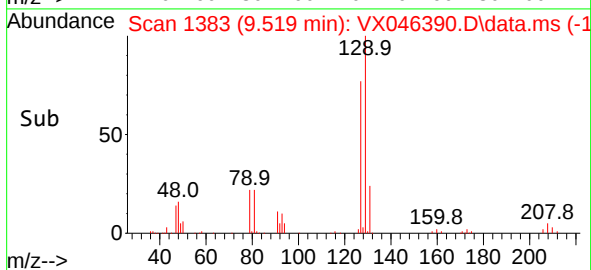
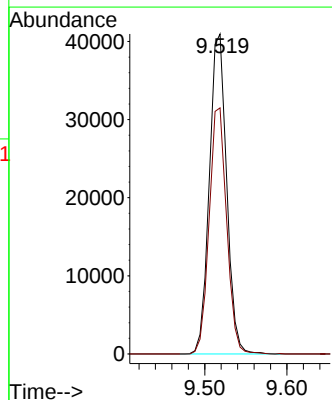
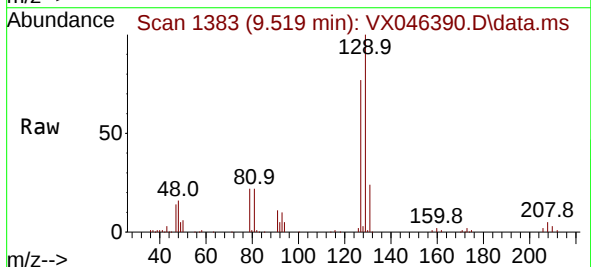
Manual Integrations
APPROVED

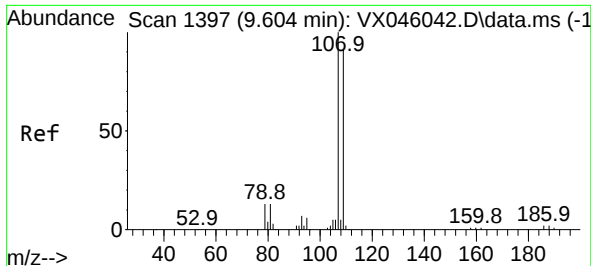
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
Dibromochloromethane
Concen: 56.155 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

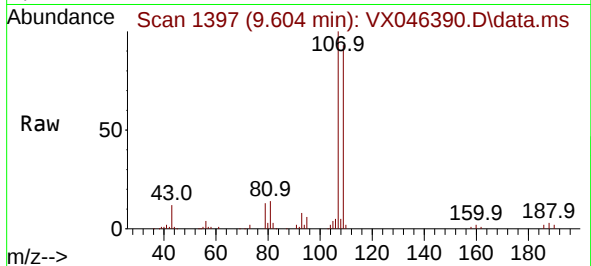
Tgt Ion:129 Resp: 59858
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





#61
1,2-Dibromoethane
Concen: 53.151 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

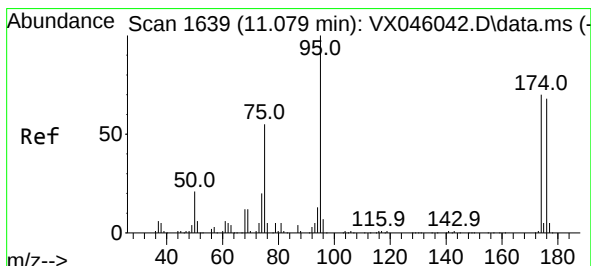
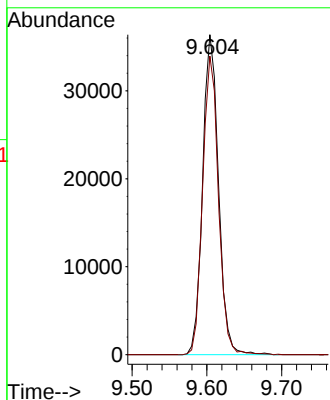
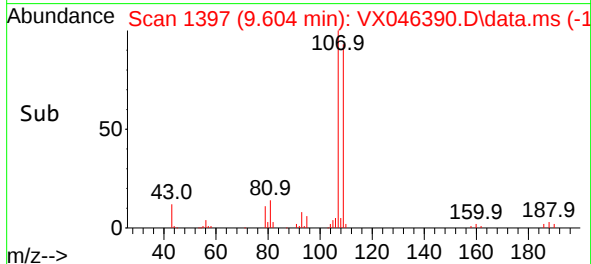
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 53619
Ion Ratio Lower Upper
107 100
109 93.1 73.3 109.9

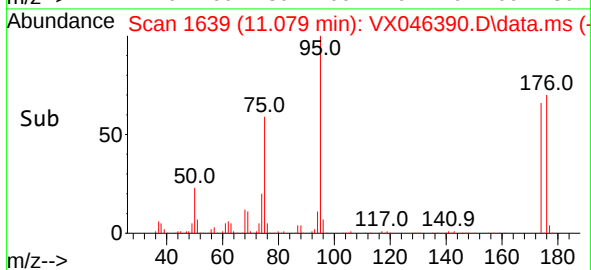
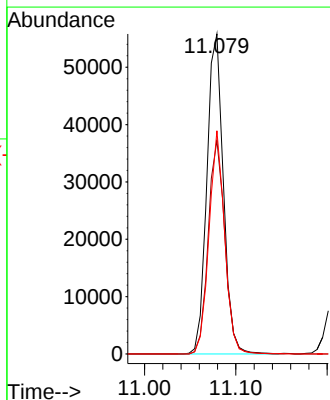
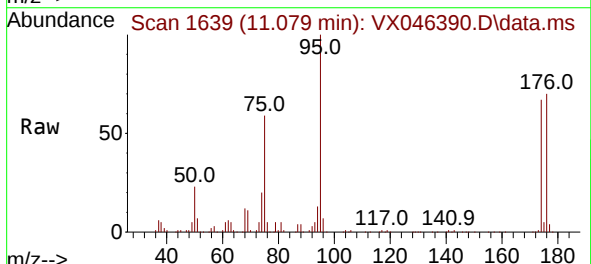
Manual Integrations
APPROVED

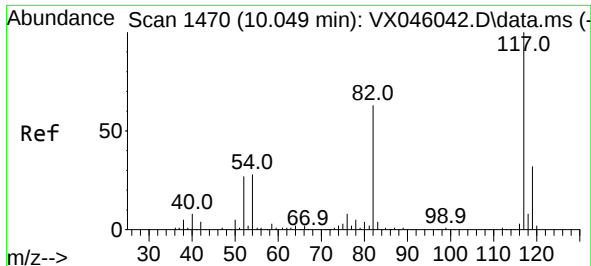
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#62
4-Bromofluorobenzene
Concen: 51.682 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

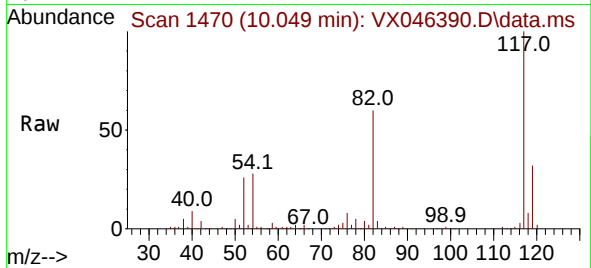
Tgt Ion: 95 Resp: 69990
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 66.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

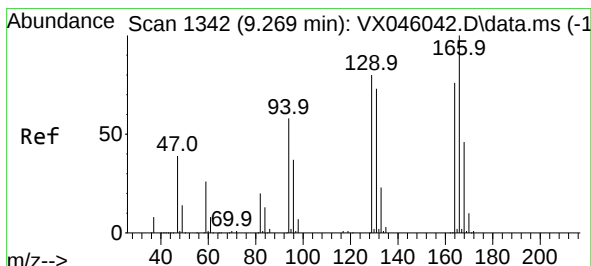
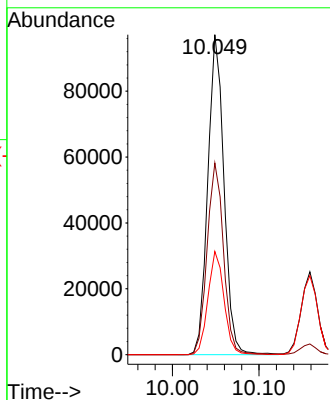
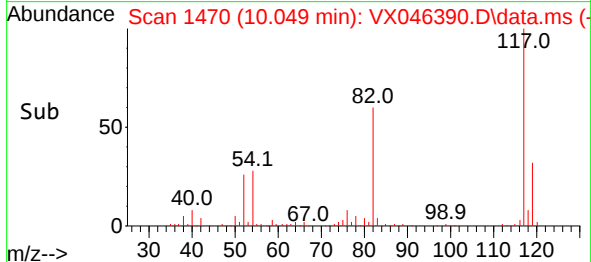
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 125850
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 32.3 25.8 38.6

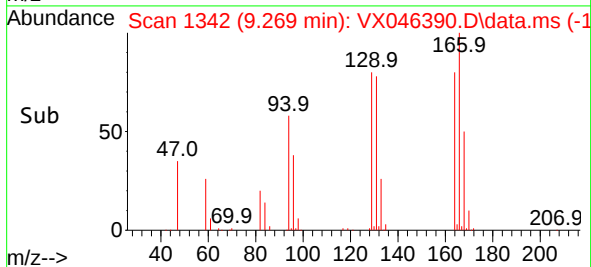
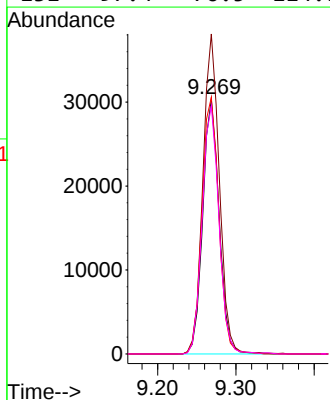
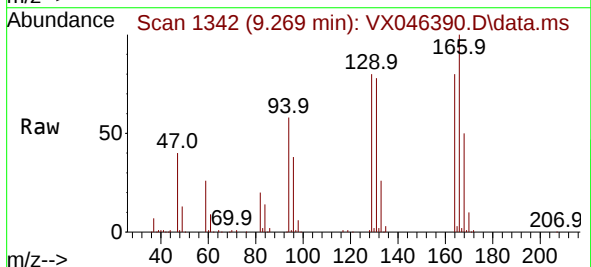
Manual Integrations
APPROVED

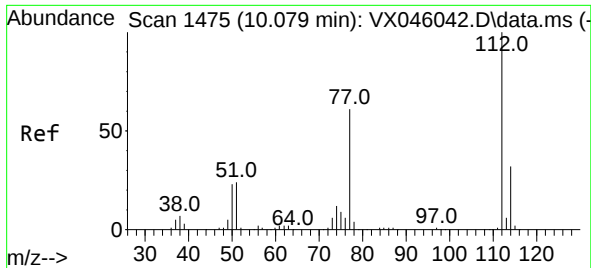
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Tetrachloroethene
Concen: 49.531 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion:164 Resp: 44107
Ion Ratio Lower Upper
164 100
166 125.7 105.0 157.6
129 100.8 83.5 125.3
131 97.4 76.5 114.7





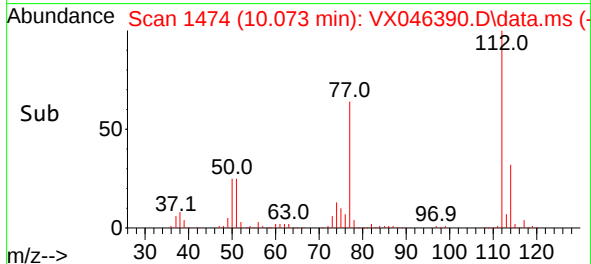
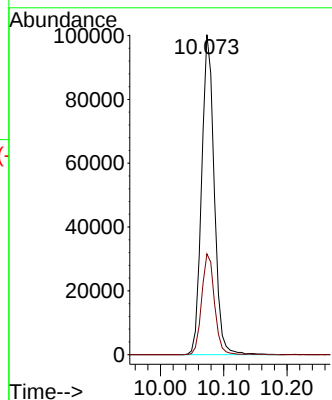
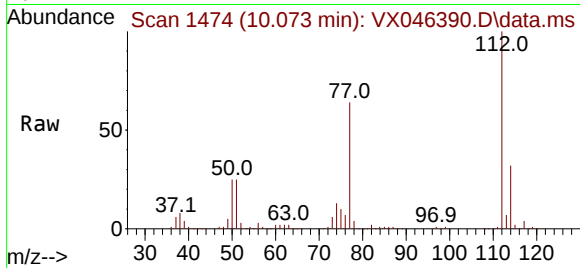
#65
Chlorobenzene
Concen: 50.559 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 13927
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

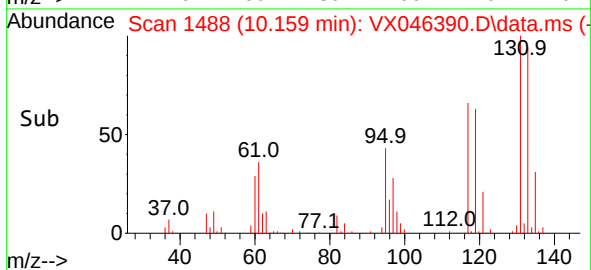
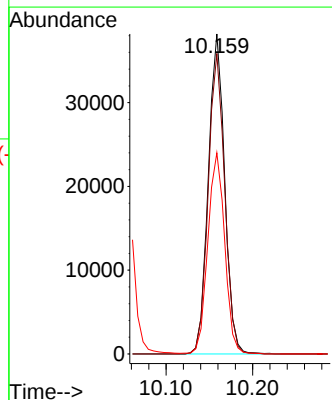
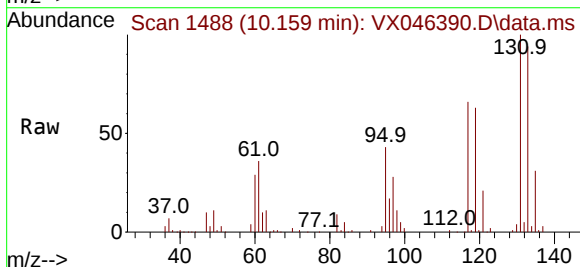
Manual Integrations
APPROVED

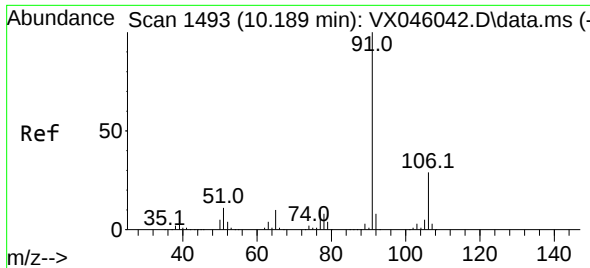
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.269 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

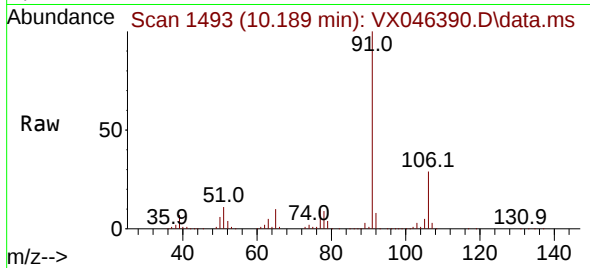
Tgt Ion:131 Resp: 50107
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 64.8 31.6 95.0





#67
Ethyl Benzene
Concen: 51.860 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

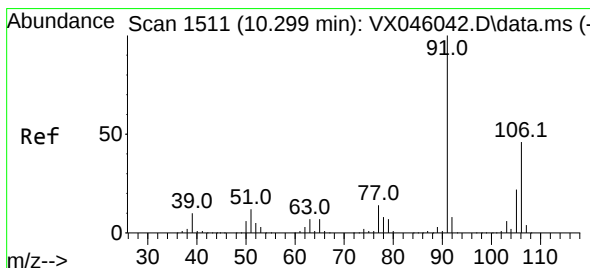
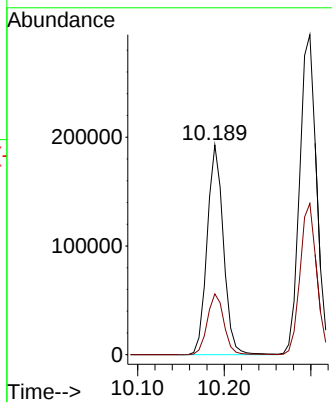
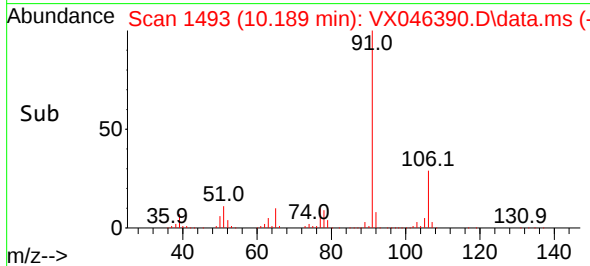
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 251819
Ion Ratio Lower Upper
91 100
106 29.0 23.4 35.2

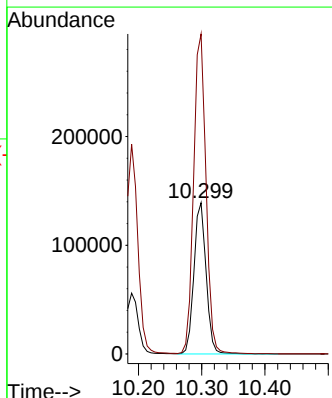
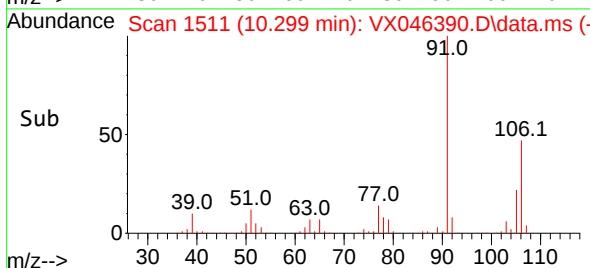
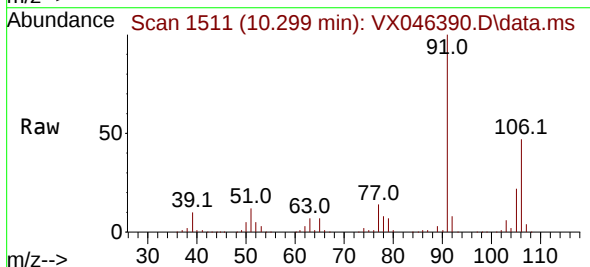
Manual Integrations
APPROVED

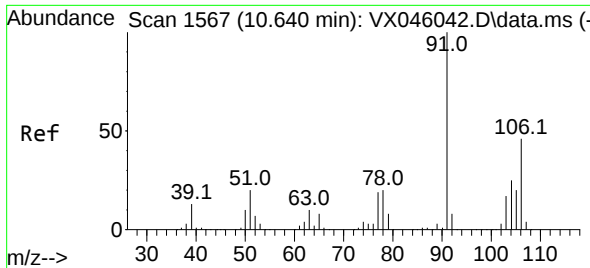
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
m/p-Xylenes
Concen: 105.059 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion:106 Resp: 186581
Ion Ratio Lower Upper
106 100
91 214.7 171.2 256.8





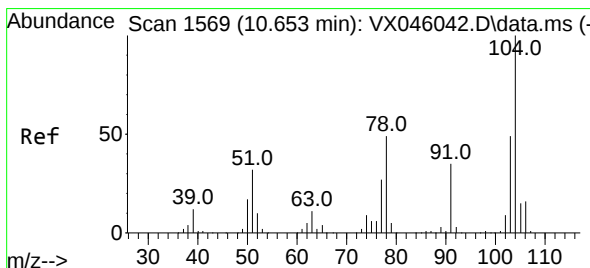
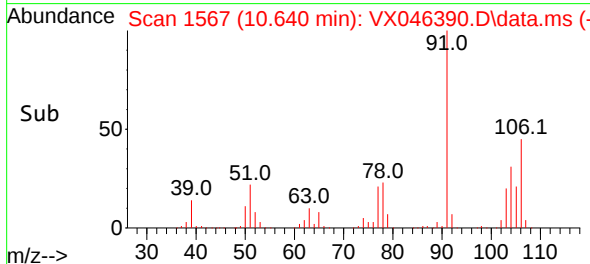
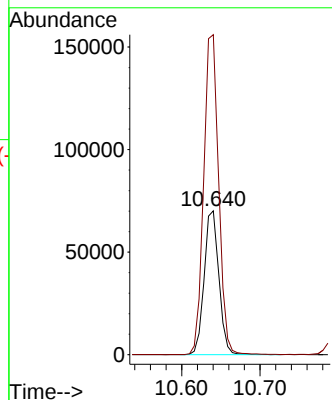
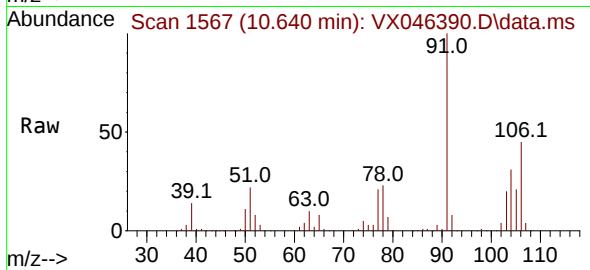
#69
o-Xylene
Concen: 52.772 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 91369
Ion Ratio Lower Upper
106 100
91 226.8 112.7 338.1

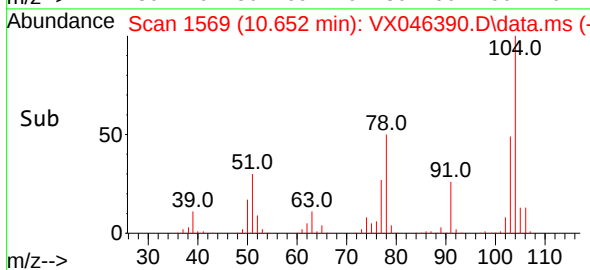
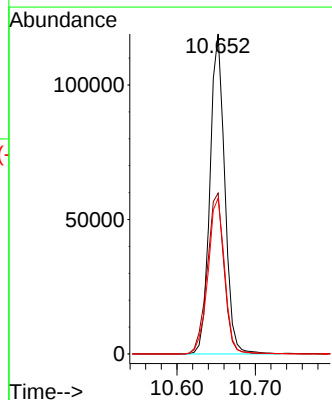
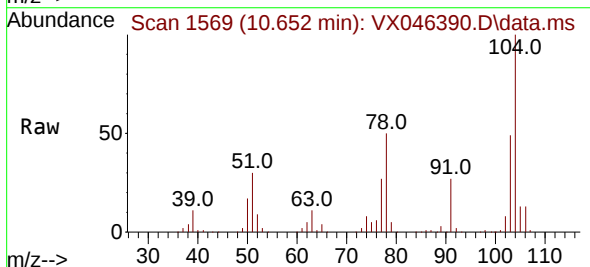
Manual Integrations
APPROVED

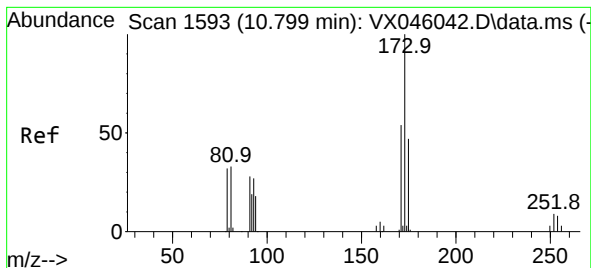
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
Styrene
Concen: 55.123 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Tgt Ion:104 Resp: 156341
Ion Ratio Lower Upper
104 100
78 57.2 45.7 68.5
103 54.6 43.7 65.5





#71

Bromoform

Concen: 54.635 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046390.D

Acq: 29 May 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

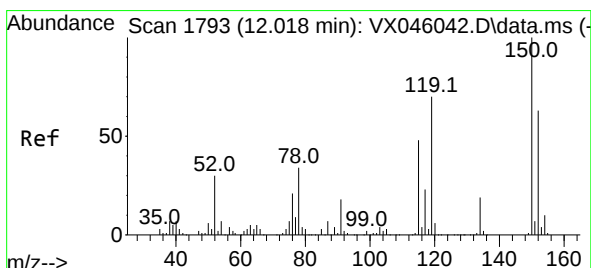
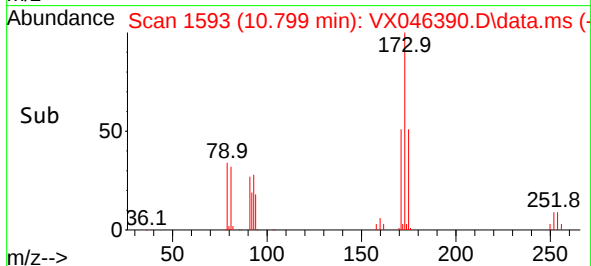
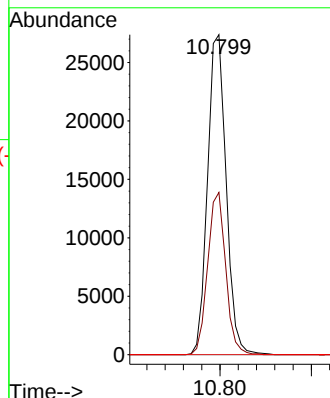
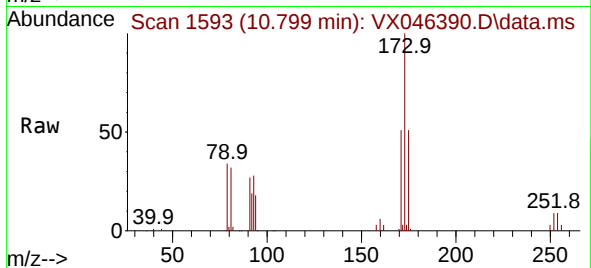
Tgt Ion:	173	Resp:	38584
Ion Ratio	Lower	Upper	
173	100		
175	49.2	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

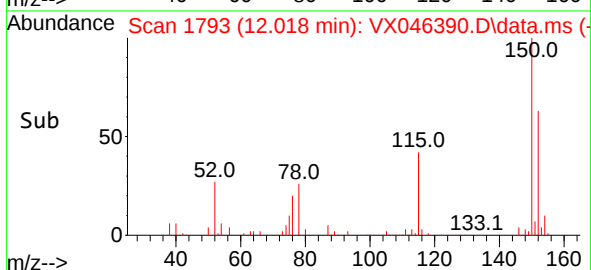
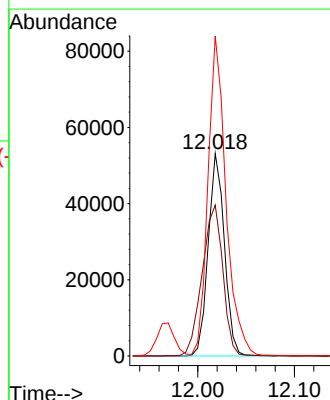
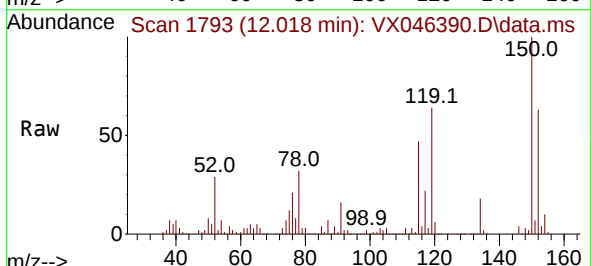
RT: 12.018 min Scan# 1793

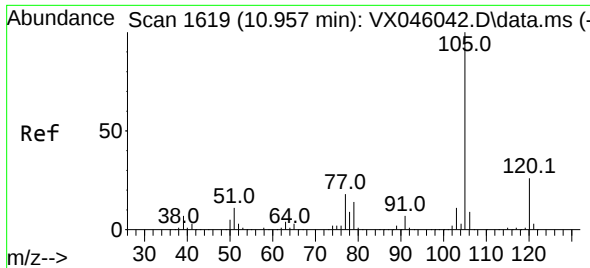
Delta R.T. -0.000 min

Lab File: VX046390.D

Acq: 29 May 2025 11:27

Tgt Ion:	152	Resp:	61906
Ion Ratio	Lower	Upper	
152	100		
115	95.3	46.9	140.7
150	176.0	0.0	351.0





#73
Isopropylbenzene
Concen: 51.103 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :

MSVOA_X

ClientSampleId :

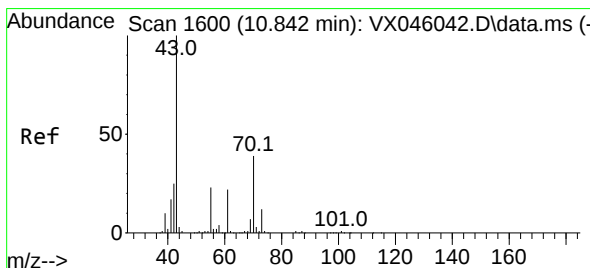
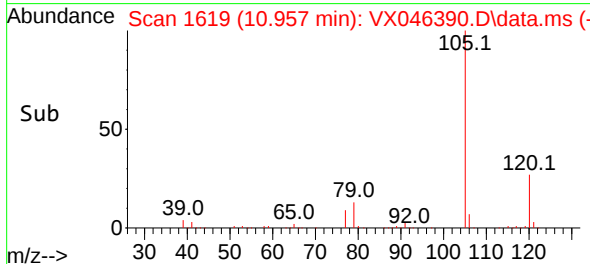
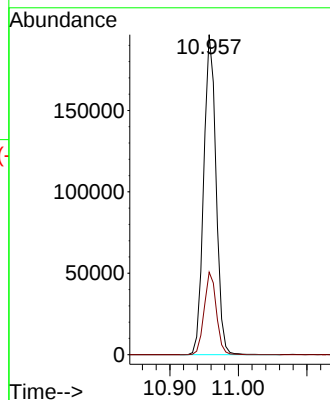
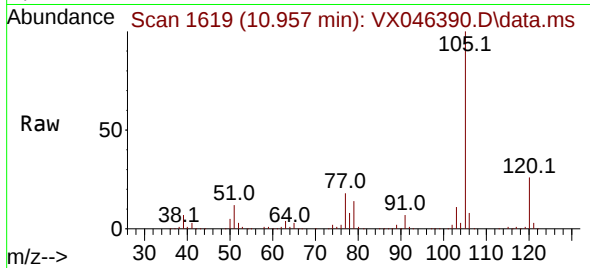
VSTDCCC050

Tgt Ion:105 Resp: 246293
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

Manual Integrations

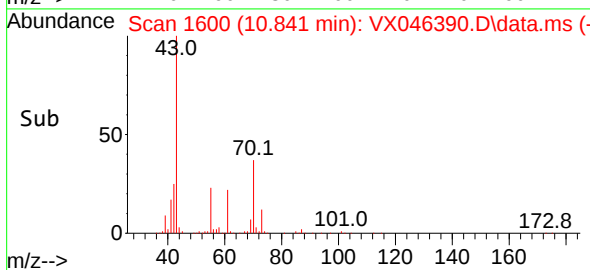
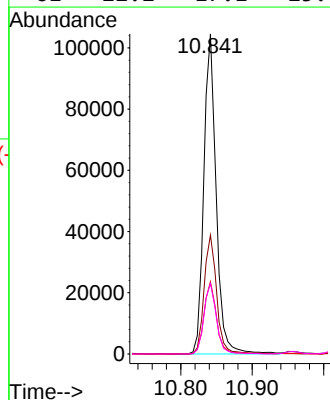
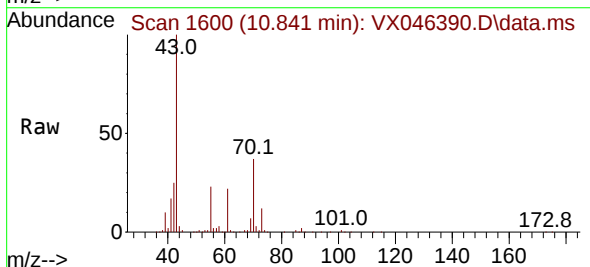
APPROVED

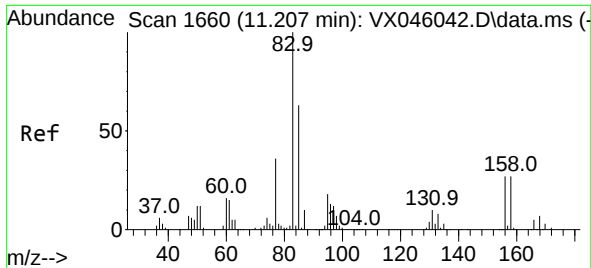
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
N-ethyl acetate
Concen: 52.745 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

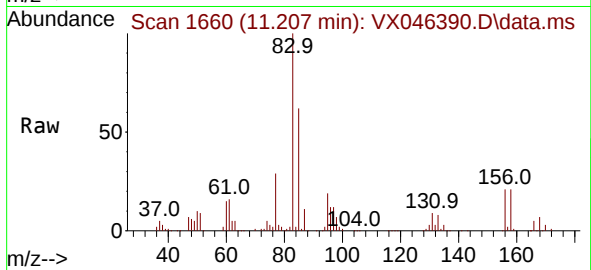
Tgt Ion: 43 Resp: 125616
Ion Ratio Lower Upper
43 100
70 37.7 30.9 46.3
55 23.0 18.7 28.1
61 22.2 17.1 25.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.170 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

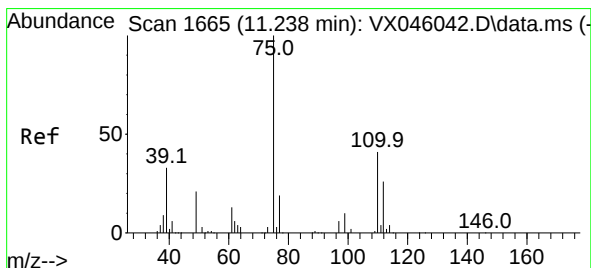
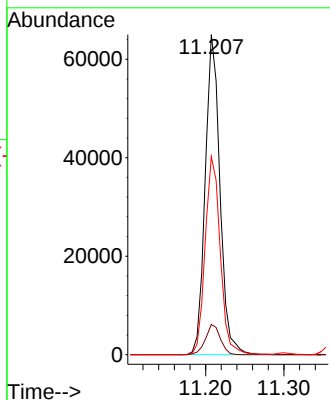
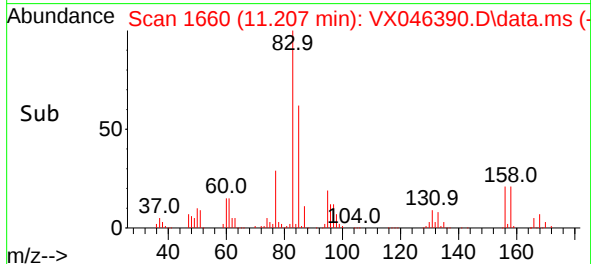
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



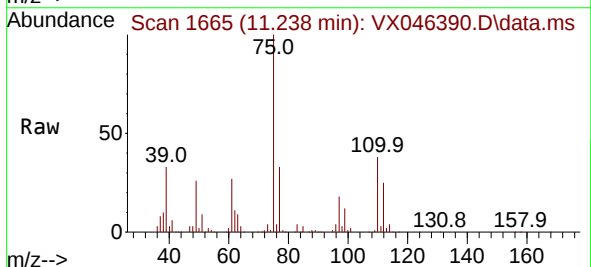
Tgt Ion: 83 Resp: 84735
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.0 14.9
 85 63.3 31.9 95.7

Manual Integrations
 APPROVED

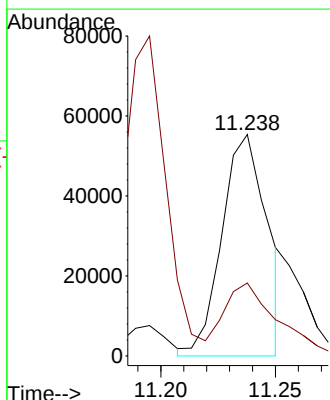
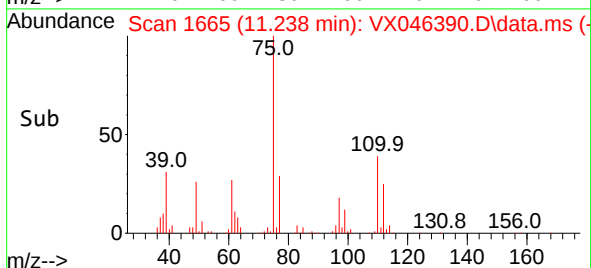
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#76
 1,2,3-Trichloropropane
 Concen: 51.036 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27



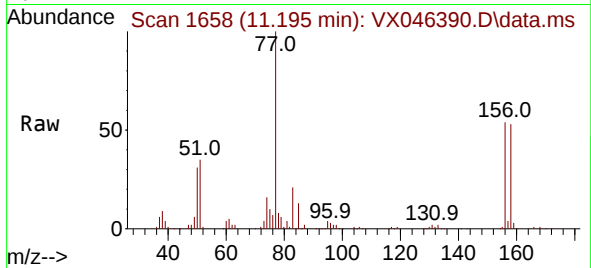
Tgt Ion: 75 Resp: 76049
 Ion Ratio Lower Upper
 75 100
 77 39.2 20.5 61.5





#77
Bromobenzene
Concen: 49.698 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

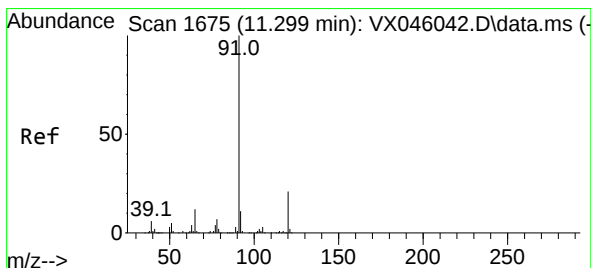
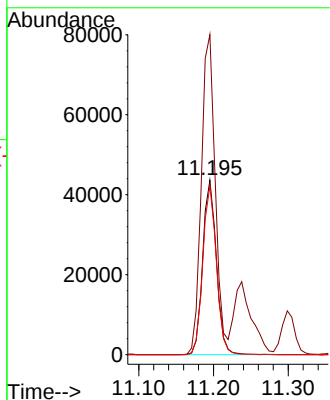
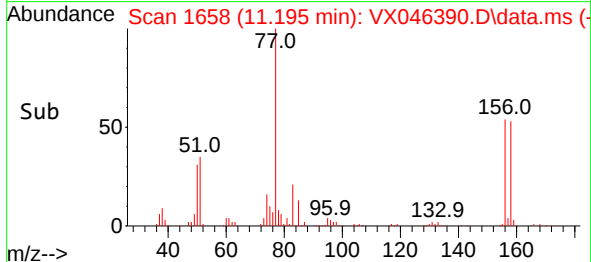
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



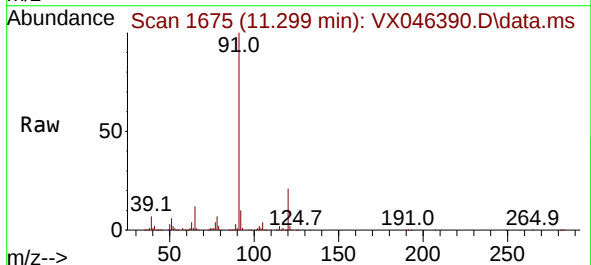
Tgt Ion:156 Resp: 55608
Ion Ratio Lower Upper
156 100
77 186.3 92.8 278.3
158 95.9 48.8 146.3

Manual Integrations
APPROVED

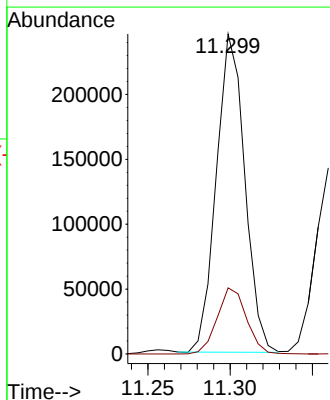
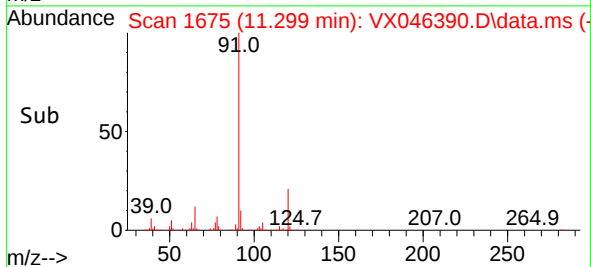
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

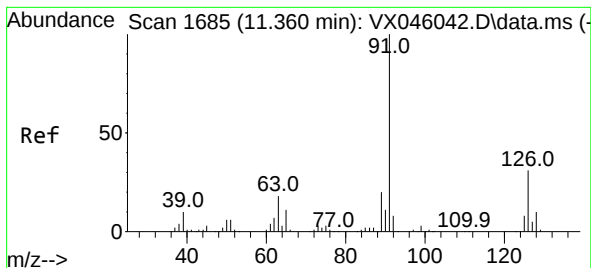


#78
n-propylbenzene
Concen: 52.684 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



Tgt Ion: 91 Resp: 295238
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





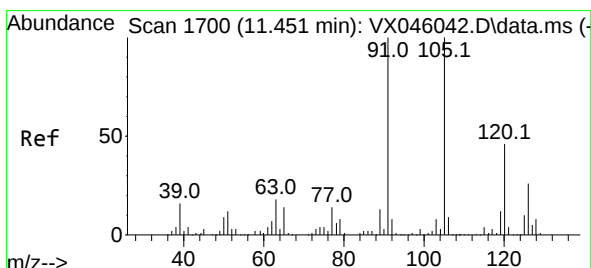
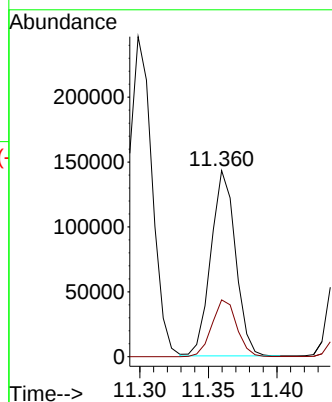
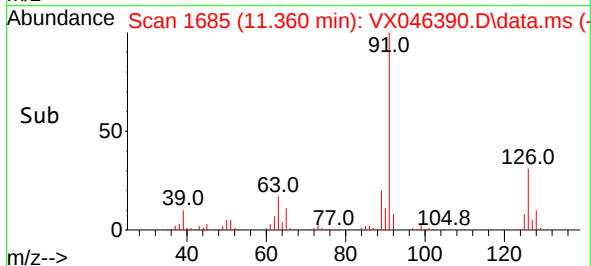
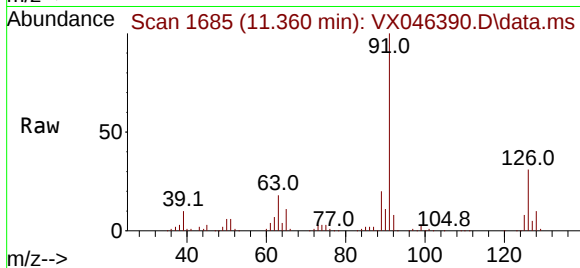
#79
2-Chlorotoluene
Concen: 49.477 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 178838
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

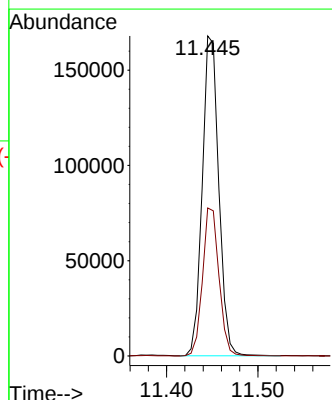
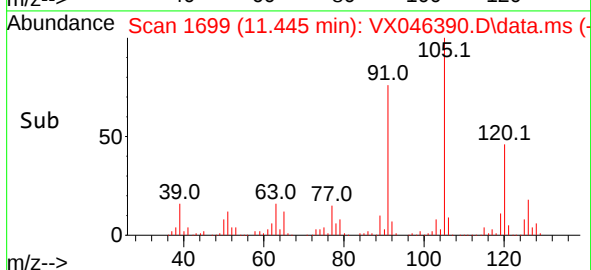
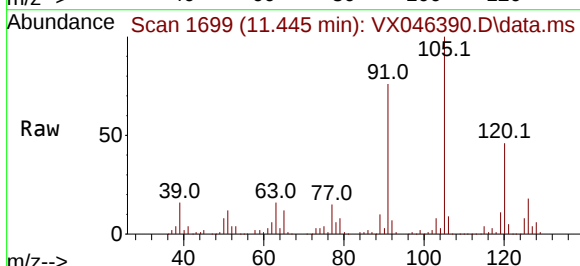
Manual Integrations
APPROVED

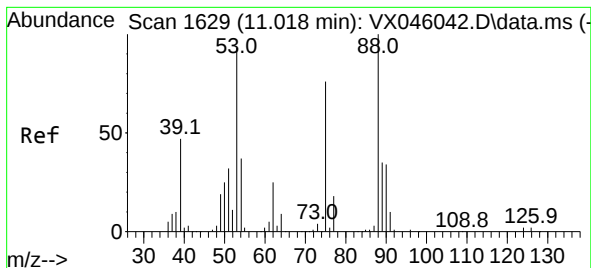
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.264 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

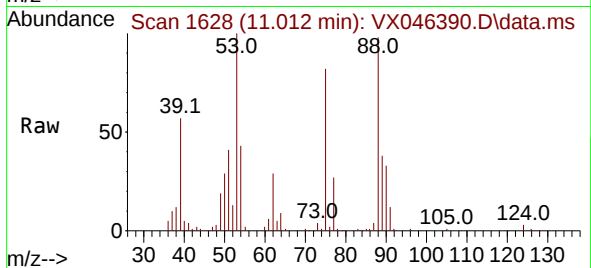
Tgt Ion:105 Resp: 210435
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.653 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

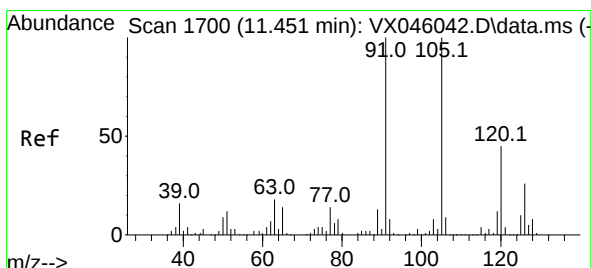
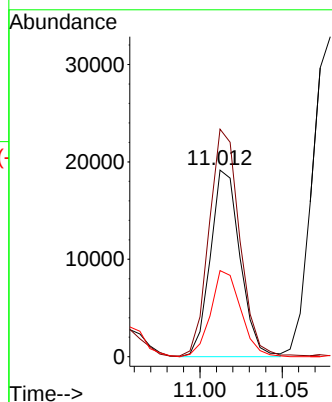
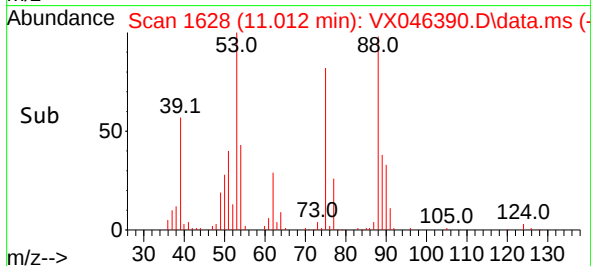
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 24099
Ion Ratio Lower Upper
75 100
53 124.3 100.5 150.7
89 46.7 37.0 55.6

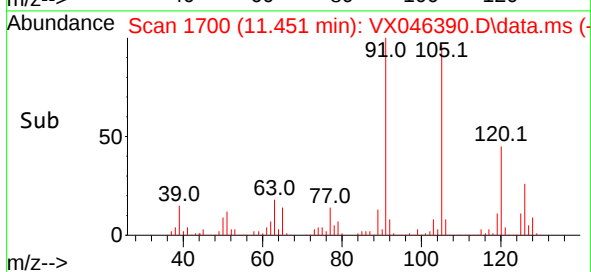
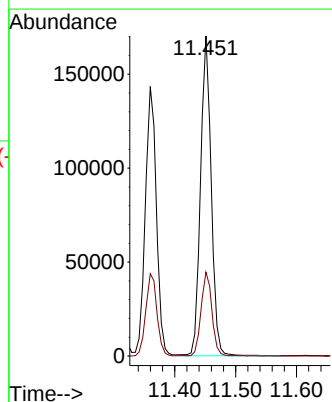
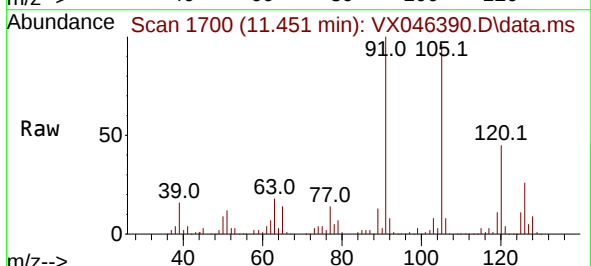
Manual Integrations
APPROVED

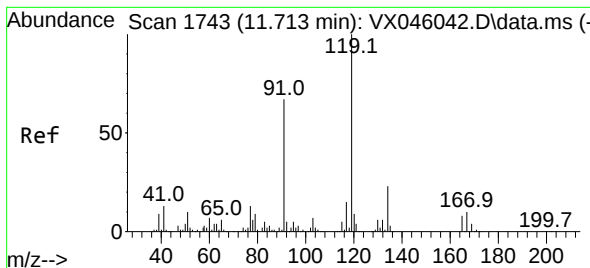
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#82
4-Chlorotoluene
Concen: 51.748 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

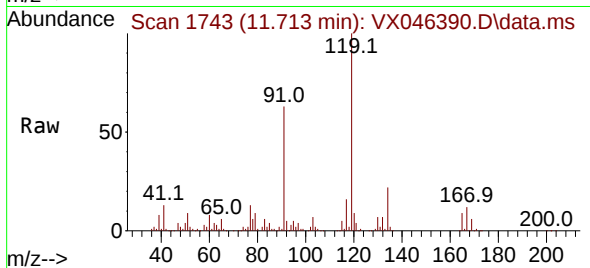
Tgt Ion: 91 Resp: 207427
Ion Ratio Lower Upper
91 100
126 26.6 13.3 39.8





#83
tert-Butylbenzene
Concen: 52.161 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

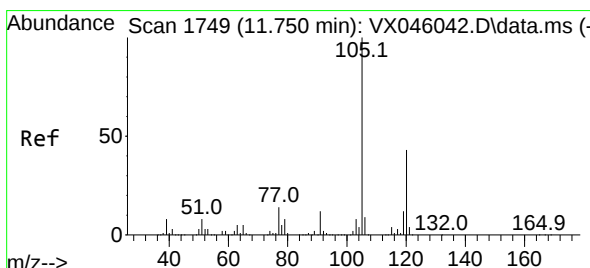
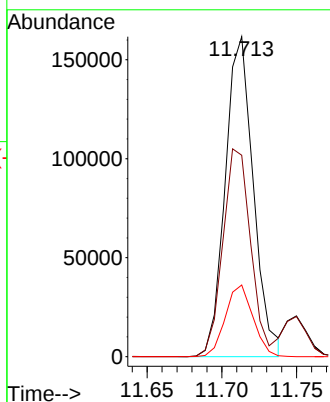
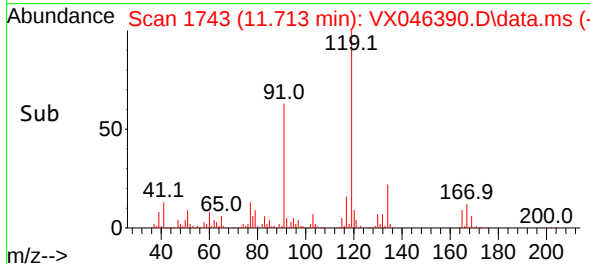
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



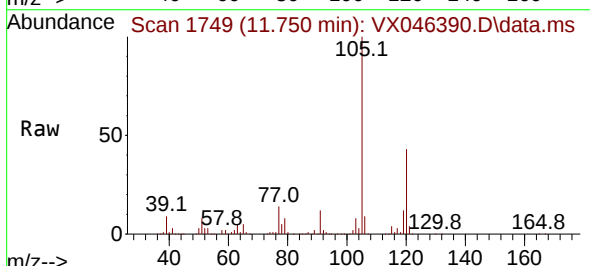
Tgt Ion:119 Resp: 211550
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.7
134 22.0 11.4 34.1

Manual Integrations
APPROVED

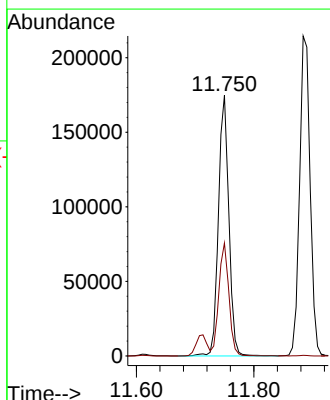
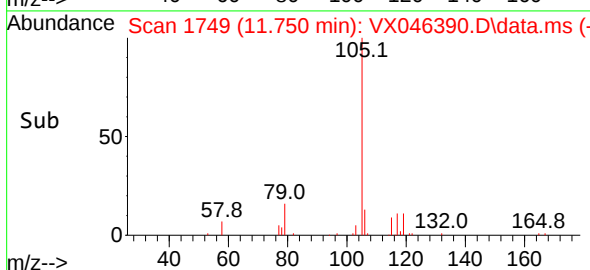
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

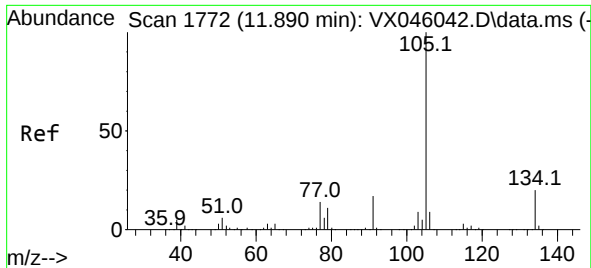


#84
1,2,4-Trimethylbenzene
Concen: 52.568 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



Tgt Ion:105 Resp: 214346
Ion Ratio Lower Upper
105 100
120 42.1 21.2 63.6





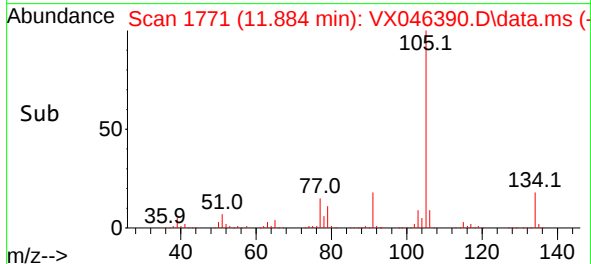
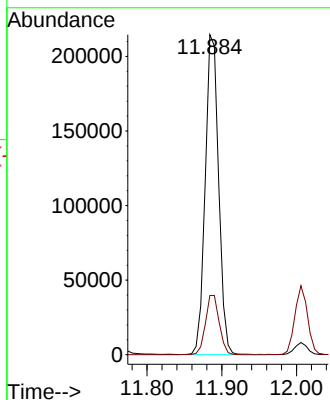
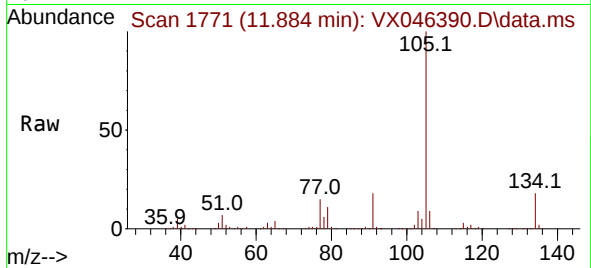
#85
 sec-Butylbenzene
 Concen: 53.672 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 267270
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

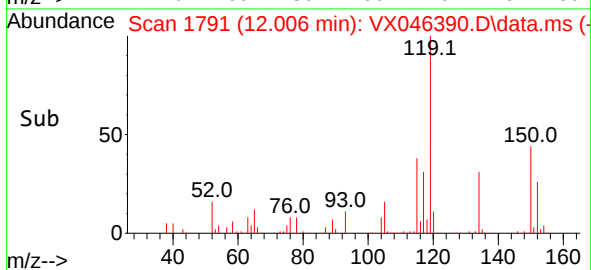
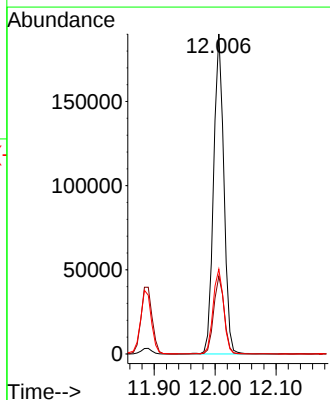
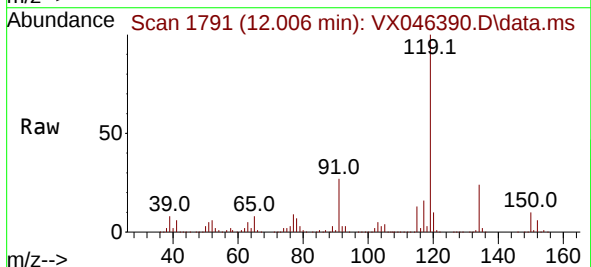
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#86
 p-Isopropyltoluene
 Concen: 53.907 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046390.D
 Acq: 29 May 2025 11:27

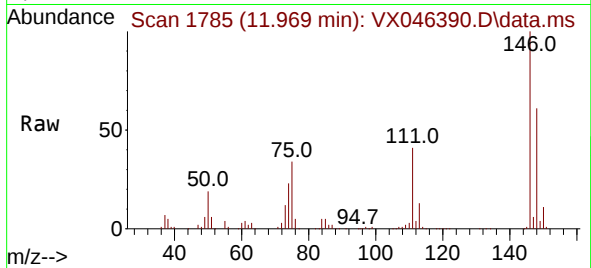
Tgt Ion:119 Resp: 221581
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 27.3 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 52.075 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

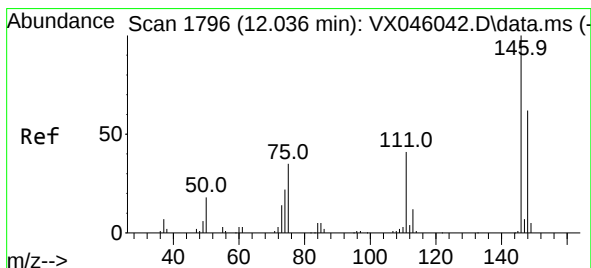
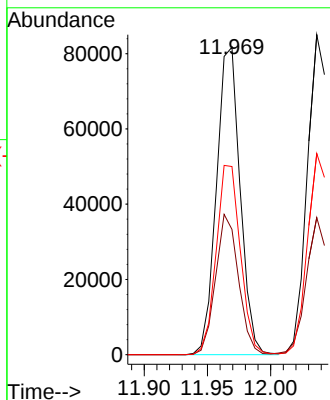
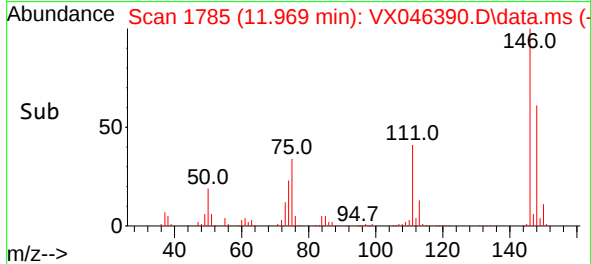
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



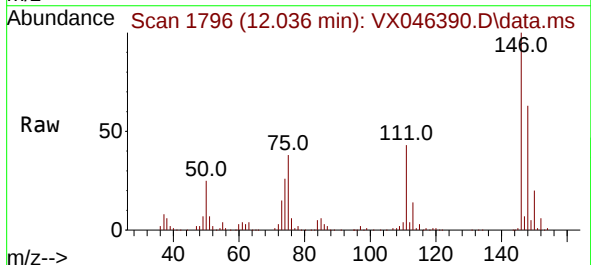
Tgt Ion:146 Resp: 10634
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 62.9 32.1 96.5

Manual Integrations
APPROVED

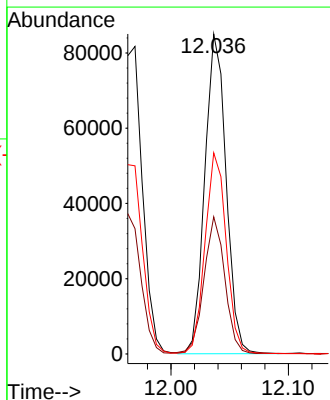
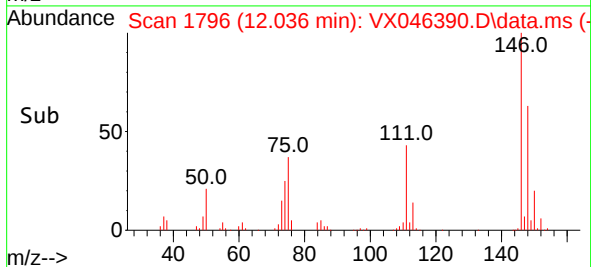
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#88
1,4-Dichlorobenzene
Concen: 51.249 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



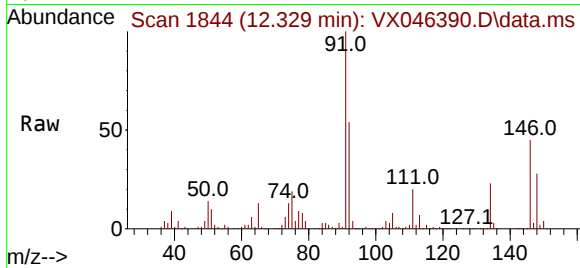
Tgt Ion:146 Resp: 106880
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.9
148 62.8 31.9 95.5





#89
n-Butylbenzene
Concen: 56.249 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

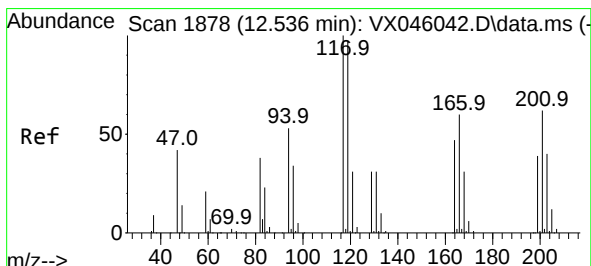
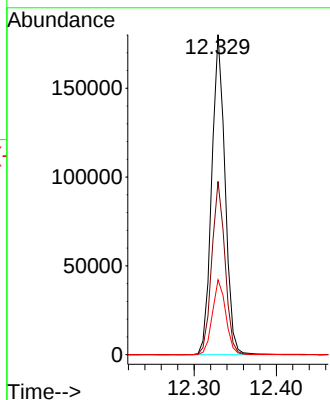
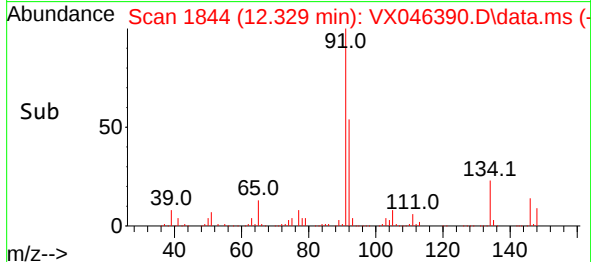
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 202809
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 23.6 11.8 35.3

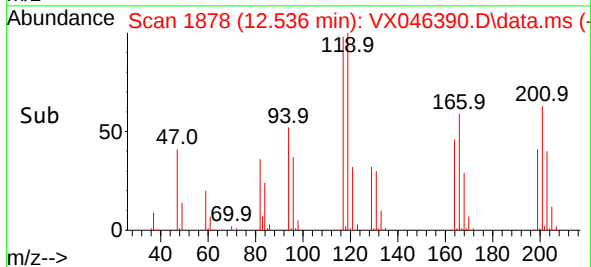
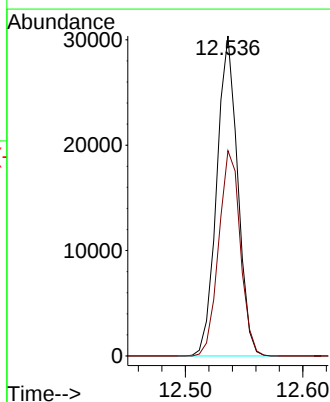
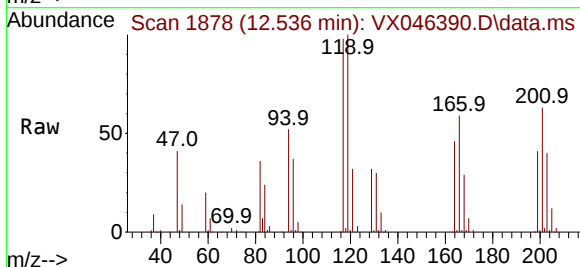
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#90
Hexachloroethane
Concen: 52.012 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

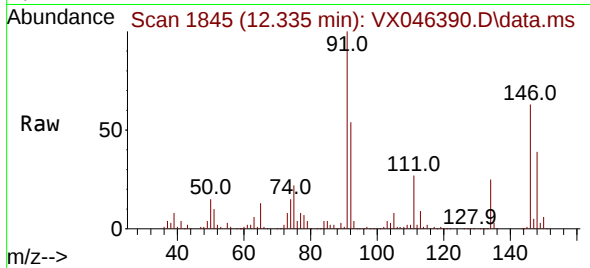
Tgt Ion:117 Resp: 37665
Ion Ratio Lower Upper
117 100
201 66.0 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 52.021 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

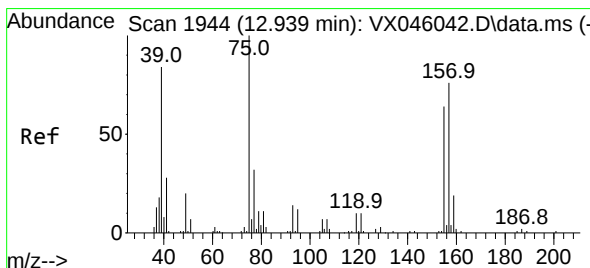
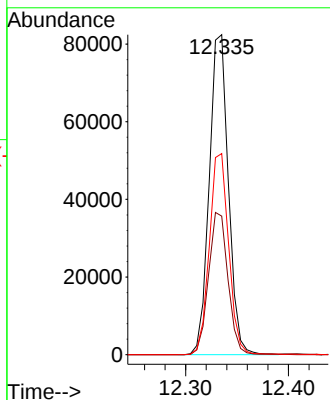
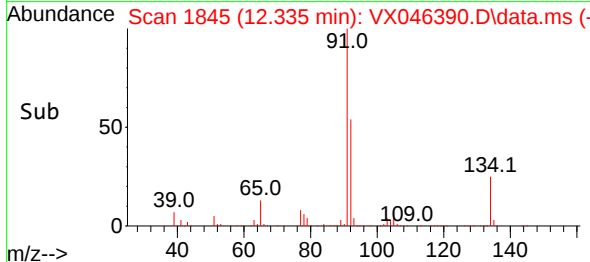
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



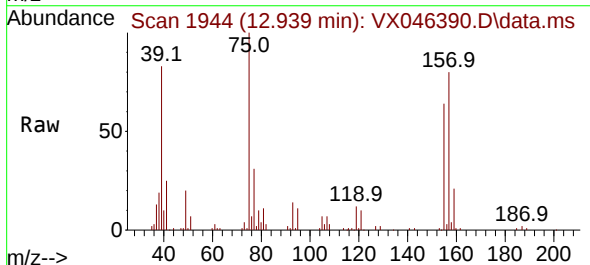
Tgt Ion:146 Resp: 10660
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.3
148 63.6 31.6 94.8

Manual Integrations
APPROVED

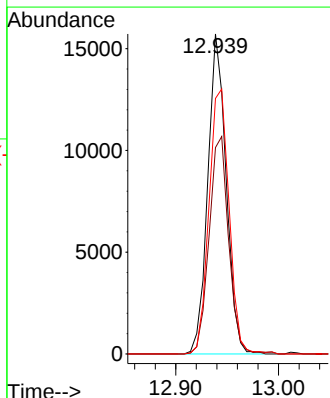
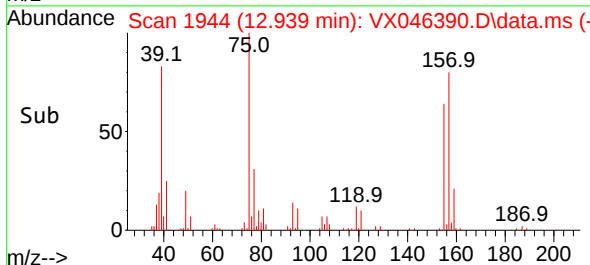
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.360 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



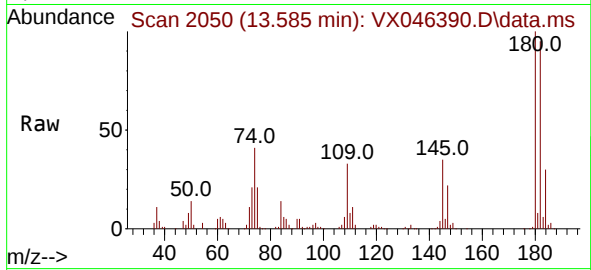
Tgt Ion: 75 Resp: 19591
Ion Ratio Lower Upper
75 100
155 71.7 34.9 104.8
157 90.3 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 53.630 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

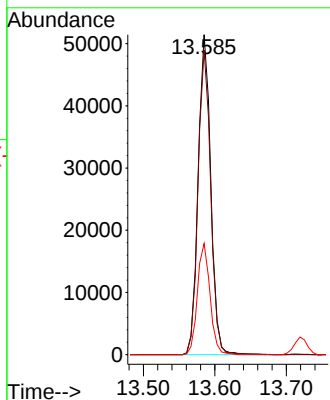
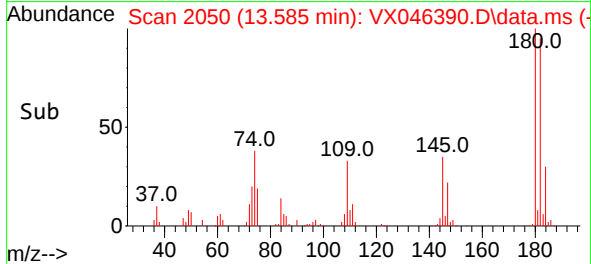
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



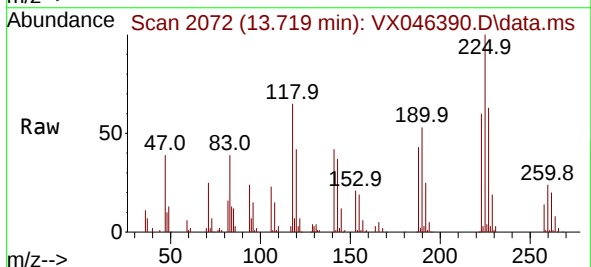
Tgt Ion:180 Resp: 6312
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.8
145 34.6 17.1 51.2

Manual Integrations
APPROVED

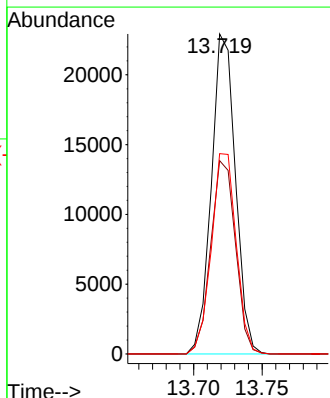
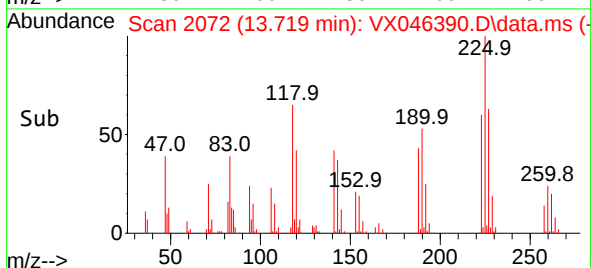
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

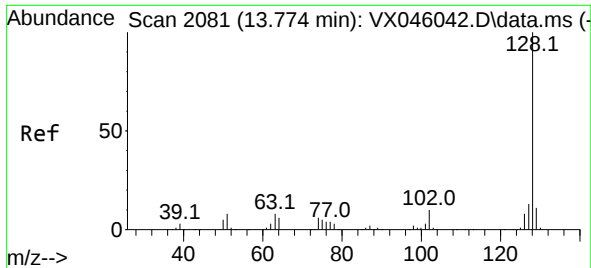


#94
Hexachlorobutadiene
Concen: 54.385 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



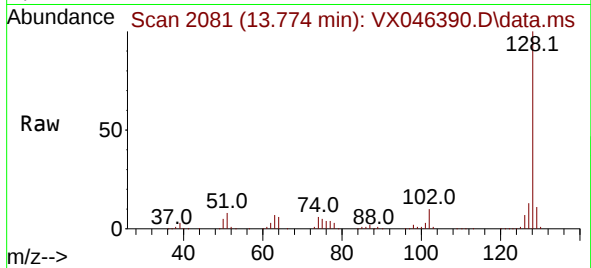
Tgt Ion:225 Resp: 27956
Ion Ratio Lower Upper
225 100
223 62.2 30.8 92.4
227 64.7 30.9 92.7





#95
Naphthalene
Concen: 51.561 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27

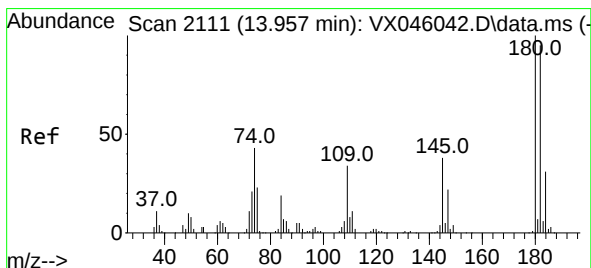
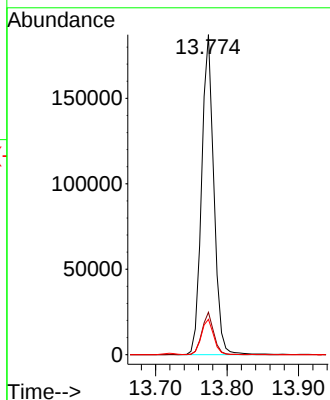
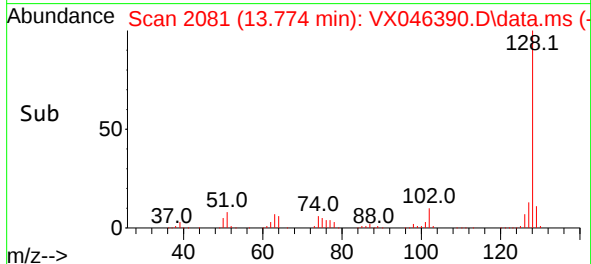
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



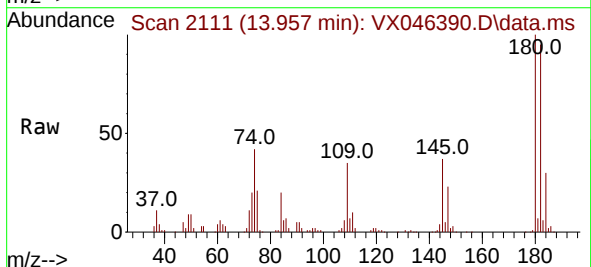
Tgt Ion:128 Resp: 222579
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.800 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046390.D
Acq: 29 May 2025 11:27



Tgt Ion:180 Resp: 65337
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 36.1 18.1 54.3

