

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047251.D
 Acq On : 07 Aug 2025 10:15
 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 08/08/2025
 Supervised By : Mahesh Dadoda 08/08/2025

Quant Time: Aug 08 02:39:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	260367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	434515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	180150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146108	45.048	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.100%		
35) Dibromofluoromethane	5.385	113	128161	47.771	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.540%		
50) Toluene-d8	8.647	98	368982	42.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.940%#		
62) 4-Bromofluorobenzene	11.079	95	170972	45.663	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	222777	64.417	ug/l	98
3) Chloromethane	1.313	50	187533	54.820	ug/l	99
4) Vinyl Chloride	1.392	62	228546	62.150	ug/l	99
5) Bromomethane	1.630	94	100471	50.297	ug/l	95
6) Chloroethane	1.703	64	125323	51.889	ug/l	100
7) Trichlorofluoromethane	1.904	101	323982	59.084	ug/l	100
8) Diethyl Ether	2.142	74	106535	55.103	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	186978	56.598	ug/l	100
10) Methyl Iodide	2.465	142	273391	81.199	ug/l	97
11) Tert butyl alcohol	2.959	59	98296	259.655	ug/l	100
12) 1,1-Dichloroethene	2.337	96	186671	57.050	ug/l	98
13) Acrolein	2.245	56	162595	232.827	ug/l	99
14) Allyl chloride	2.678	41	302714	51.180	ug/l	93
15) Acrylonitrile	3.075	53	401009	259.244	ug/l	99
16) Acetone	2.386	43	379192	291.845	ug/l	99
17) Carbon Disulfide	2.526	76	525659	55.531	ug/l	98
18) Methyl Acetate	2.709	43	188990	54.735	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	546954	54.925	ug/l	98
20) Methylene Chloride	2.800	84	193307	54.080	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	188280	56.231	ug/l	97
22) Diisopropyl ether	3.763	45	625546	55.009	ug/l	97
23) Vinyl Acetate	3.727	43	2555373	280.170	ug/l	100
24) 1,1-Dichloroethane	3.623	63	344415	54.466	ug/l	98
25) 2-Butanone	4.556	43	495194	261.747	ug/l	100
26) 2,2-Dichloropropane	4.483	77	266684	54.481	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	211399	53.316	ug/l	98
28) Bromochloromethane	4.903	49	144091	49.530	ug/l	100
29) Tetrahydrofuran	5.019	42	298547	244.577	ug/l	97
30) Chloroform	5.099	83	343685	53.393	ug/l	99
31) Cyclohexane	5.477	56	318662	52.557	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	299752	53.614	ug/l	99
36) 1,1-Dichloropropene	5.702	75	242698	53.070	ug/l	99
37) Ethyl Acetate	4.714	43	222760	52.863	ug/l	99
38) Carbon Tetrachloride	5.684	117	261258	53.526	ug/l	98
39) Methylcyclohexane	7.385	83	303930	53.230	ug/l	97
40) Benzene	6.043	78	713755	53.931	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	103241	46.857	ug/l	92
42) 1,2-Dichloroethane	6.086	62	250190	53.666	ug/l	99
43) Isopropyl Acetate	6.342	43	353618	53.828	ug/l	99
44) Trichloroethene	7.129	130	179627	52.928	ug/l	99
45) 1,2-Dichloropropane	7.433	63	176851	53.353	ug/l	94
46) Dibromomethane	7.580	93	126703	54.508	ug/l	100
47) Bromodichloromethane	7.824	83	263921	53.343	ug/l	96
48) Methyl methacrylate	7.696	41	183683	51.325	ug/l	100
49) 1,4-Dioxane	7.720	88	38664	949.881	ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	996971	255.322	ug/l	99
52) Toluene	8.720	92	438755	53.916	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	250144	53.540	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	277637	54.294	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	161200	52.820	ug/l	99
56) Ethyl methacrylate	9.116	69	247637	54.811	ug/l	99
57) 1,3-Dichloropropane	9.305	76	277752	52.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	650118	258.586	ug/l	100
59) 2-Hexanone	9.427	43	677660	262.679	ug/l	99
60) Dibromochloromethane	9.518	129	188532	52.673	ug/l	99
61) 1,2-Dibromoethane	9.610	107	164467	51.539	ug/l	99
64) Tetrachloroethene	9.275	164	145026	53.896	ug/l	99
65) Chlorobenzene	10.079	112	471465	53.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	162030	55.036	ug/l	99
67) Ethyl Benzene	10.189	91	831560	54.388	ug/l	99
68) m/p-Xylenes	10.299	106	622294	108.762	ug/l	100
69) o-Xylene	10.640	106	300308	55.172	ug/l	98
70) Styrene	10.652	104	518432	55.545	ug/l	99
71) Bromoform	10.799	173	118732	53.091	ug/l	99
73) Isopropylbenzene	10.957	105	788393	55.471	ug/l	100
74) N-amyl acetate	10.841	43	305156	53.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	216034	53.213	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	177448m	53.216	ug/l	
77) Bromobenzene	11.195	156	183675	53.880	ug/l	99
78) n-propylbenzene	11.299	91	936786	55.157	ug/l	100
79) 2-Chlorotoluene	11.360	91	543767	53.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	643990	54.846	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	54406	42.037	ug/l	99
82) 4-Chlorotoluene	11.451	91	641613	54.144	ug/l	99
83) tert-Butylbenzene	11.713	119	643156	54.573	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	643223	54.922	ug/l	100
85) sec-Butylbenzene	11.890	105	796254	54.074	ug/l	100
86) p-Isopropyltoluene	12.006	119	664203	54.393	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	340795	52.614	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	346568	52.811	ug/l	98
89) n-Butylbenzene	12.329	91	621161	54.242	ug/l	99
90) Hexachloroethane	12.536	117	117840	53.943	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	326988	52.819	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41067	52.698	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	212005	51.832	ug/l	98
94) Hexachlorobutadiene	13.725	225	75260	54.104	ug/l	97
95) Naphthalene	13.774	128	639669	53.347	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	205163	52.066	ug/l	98

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QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

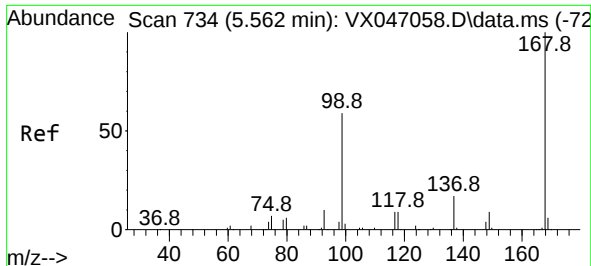
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

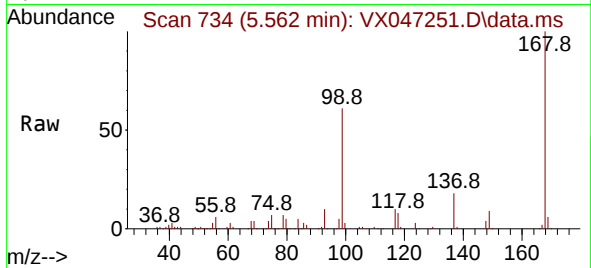
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

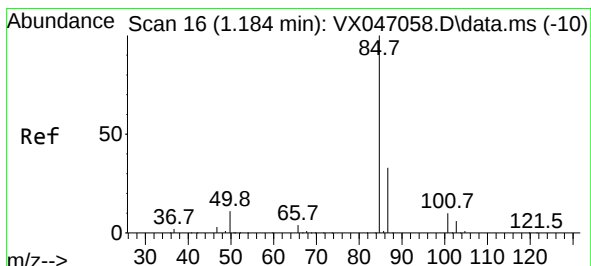
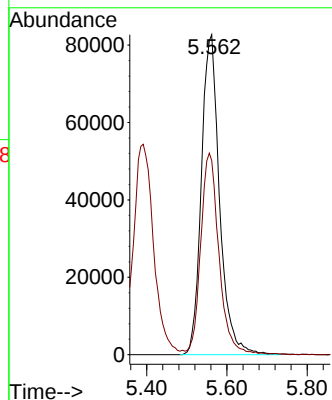
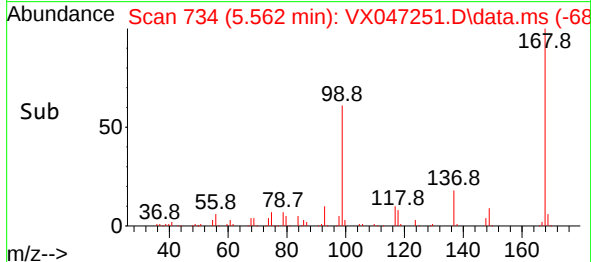
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 26036
Ion Ratio Lower Upper
168 100
99 60.5 48.0 72.0

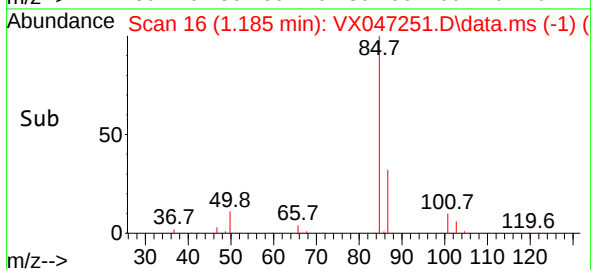
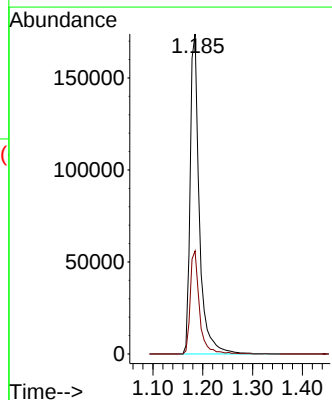
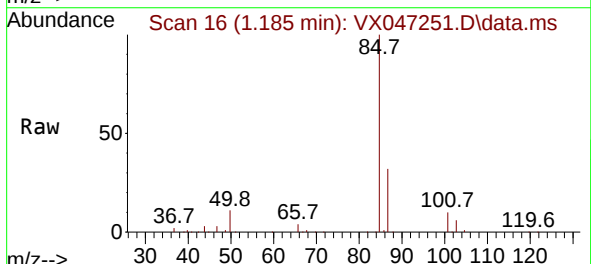
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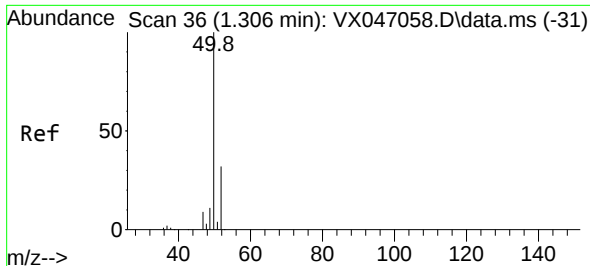
Reviewed By :John Carlone 08/08/2025
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#2
Dichlorodifluoromethane
Concen: 64.417 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

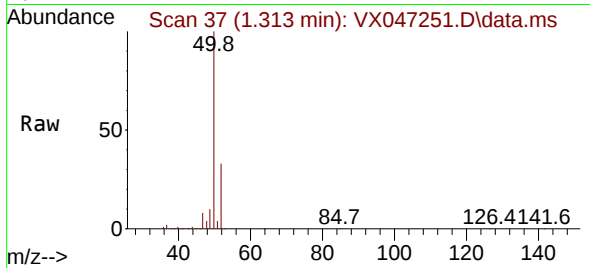
Tgt Ion: 85 Resp: 222777
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.8





#3
Chloromethane
Concen: 54.820 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

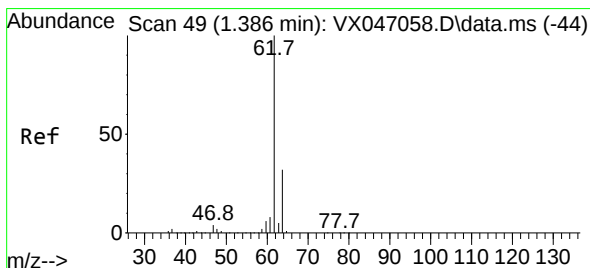
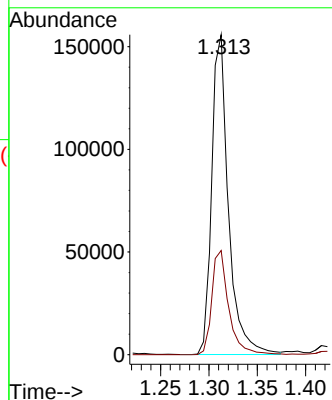
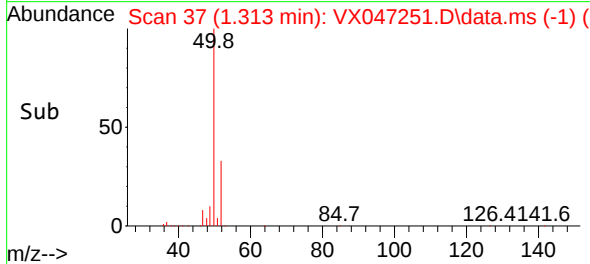
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 50 Resp: 18753
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

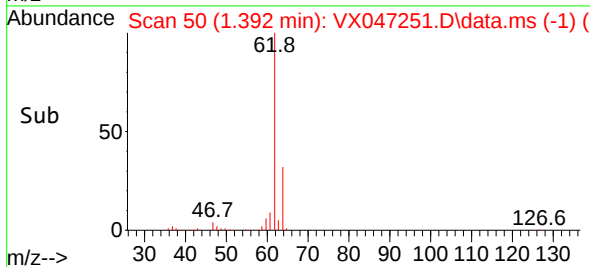
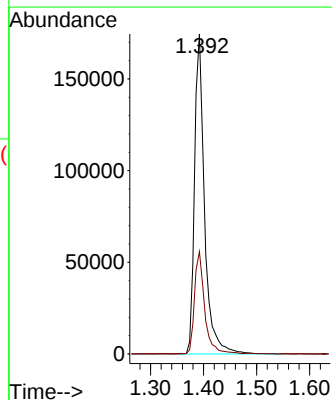
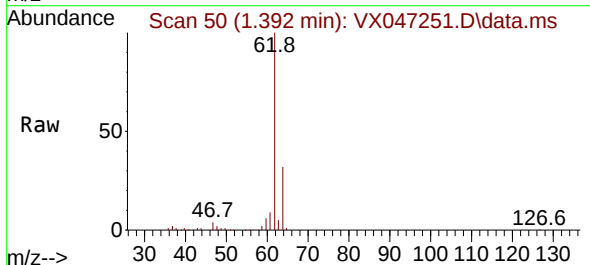
Manual Integrations
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#4
Vinyl Chloride
Concen: 62.150 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

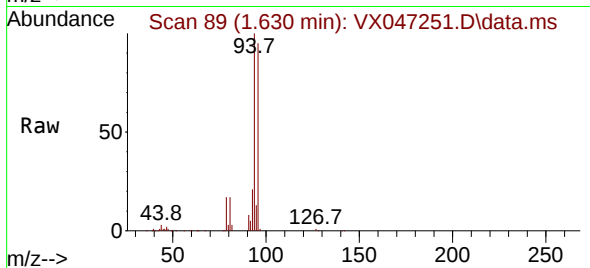
Tgt Ion: 62 Resp: 228546
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 50.297 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

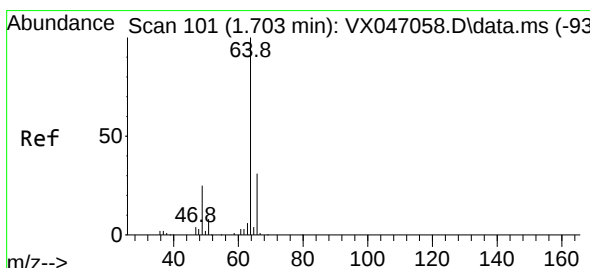
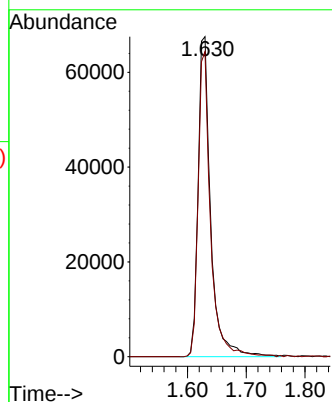
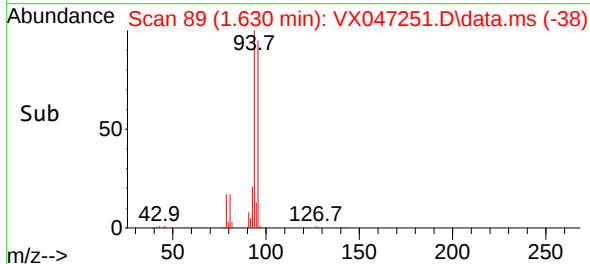
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 10047
Ion Ratio Lower Upper
94 100
96 95.4 72.3 108.5

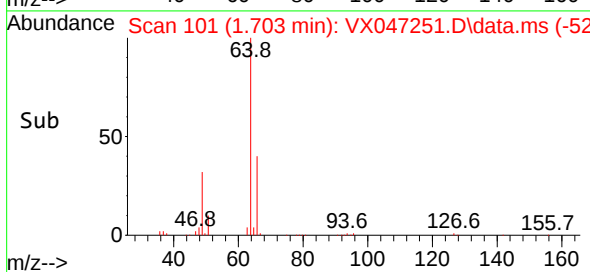
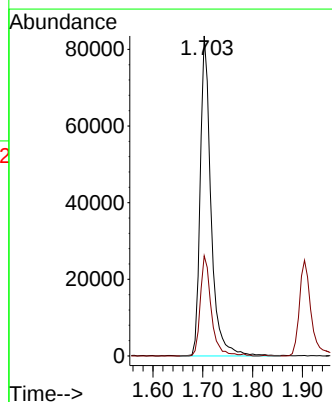
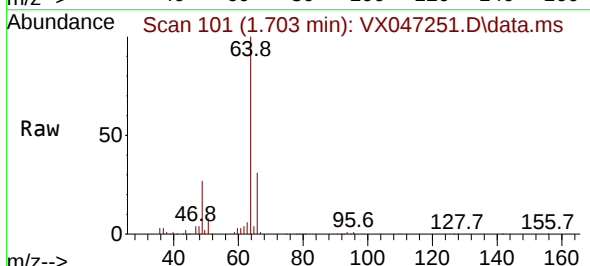
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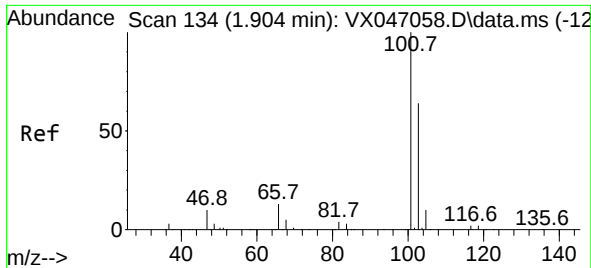
Reviewed By :John Carlone 08/08/2025
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#6
Chloroethane
Concen: 51.889 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047251.D
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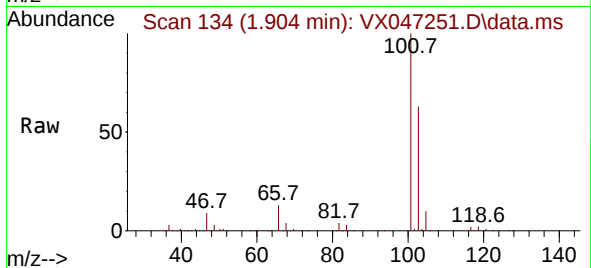
Tgt Ion: 64 Resp: 125323
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 59.084 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15

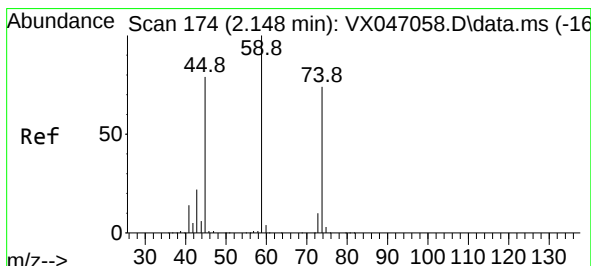
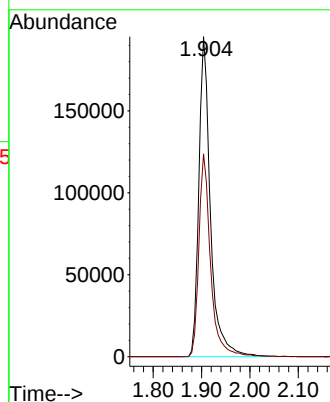
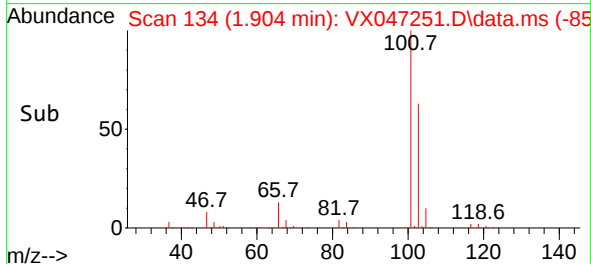
Instrument :
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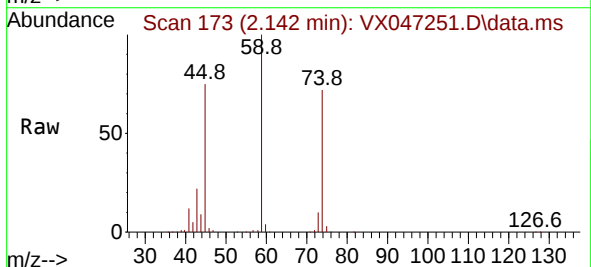
Tgt Ion:101 Resp: 32398
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.9 76.3

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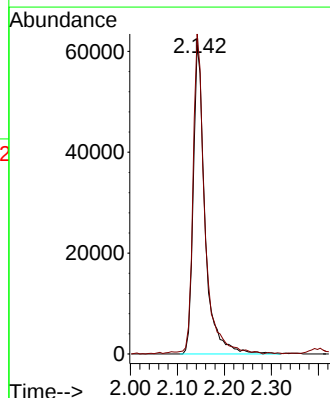
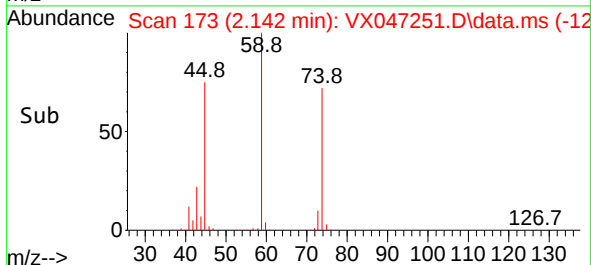
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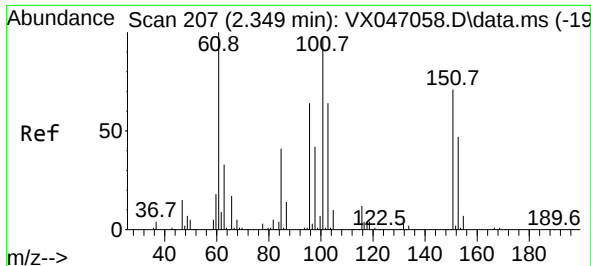


#8
 Diethyl Ether
 Concen: 55.103 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15



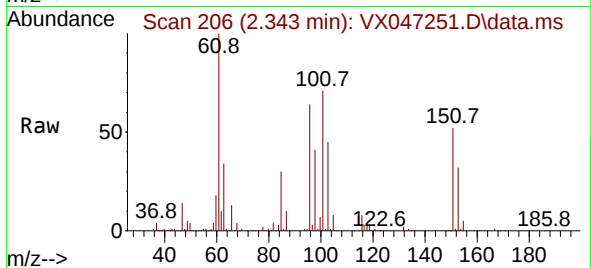
Tgt Ion: 74 Resp: 106535
 Ion Ratio Lower Upper
 74 100
 45 105.2 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.598 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

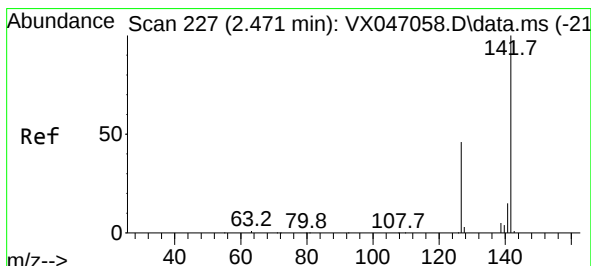
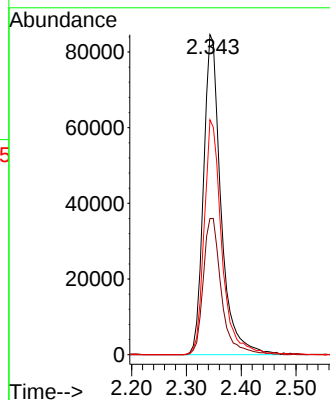
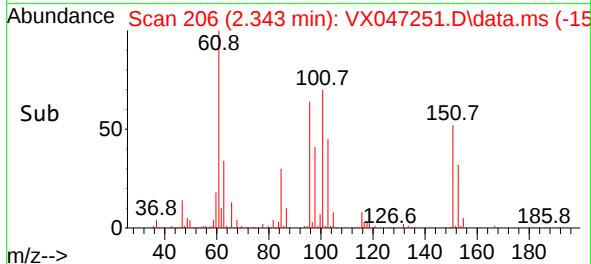
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



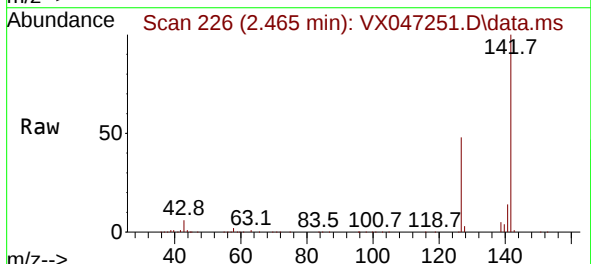
Tgt Ion:101 Resp: 186978
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 73.8 59.2 88.8

Manual Integrations
APPROVED

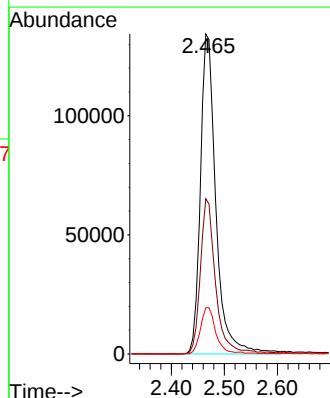
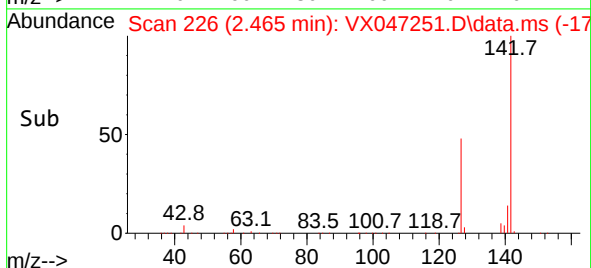
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025

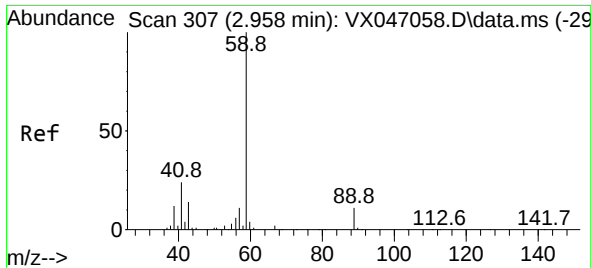


#10
Methyl Iodide
Concen: 81.199 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



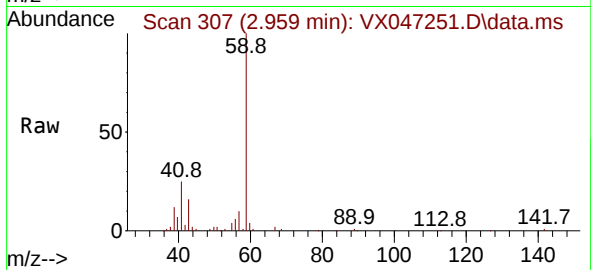
Tgt Ion:142 Resp: 273391
Ion Ratio Lower Upper
142 100
127 47.9 36.6 54.8
141 14.6 10.9 16.3





#11
Tert butyl alcohol
Concen: 259.655 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

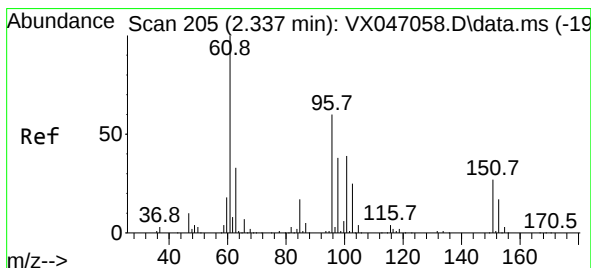
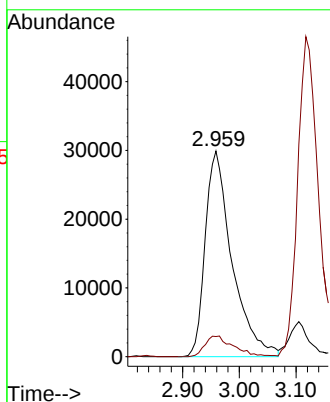
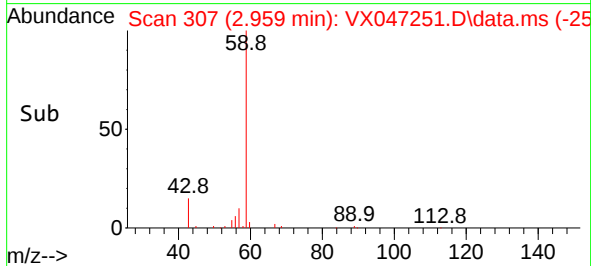
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



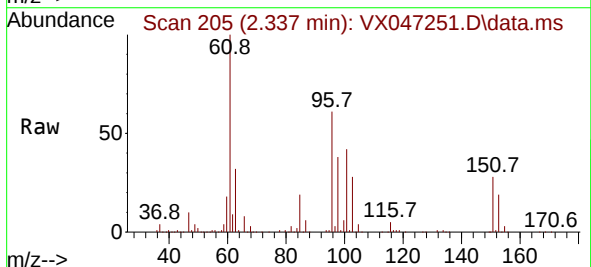
Tgt Ion: 59 Resp: 98290
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

Manual Integrations
APPROVED

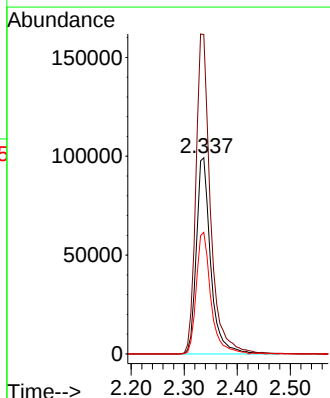
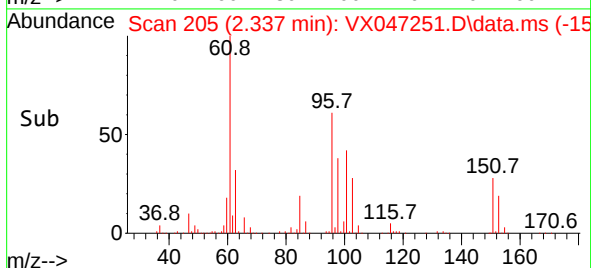
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025

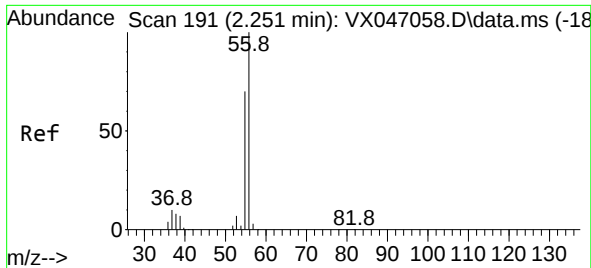


#12
1,1-Dichloroethene
Concen: 57.050 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



Tgt Ion: 96 Resp: 186671
Ion Ratio Lower Upper
96 100
61 162.9 132.6 198.8
98 62.0 50.2 75.4





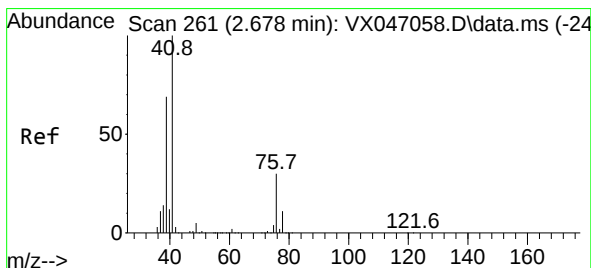
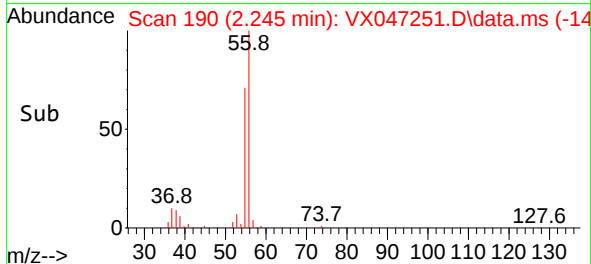
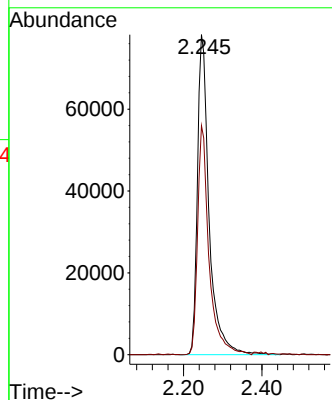
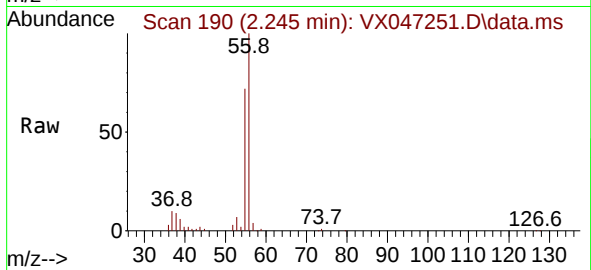
#13
Acrolein
Concen: 232.827 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 16259
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5

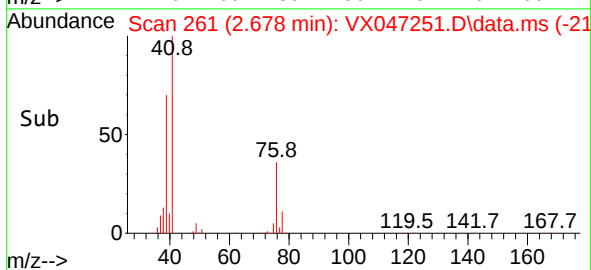
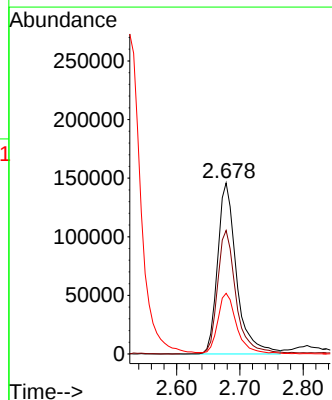
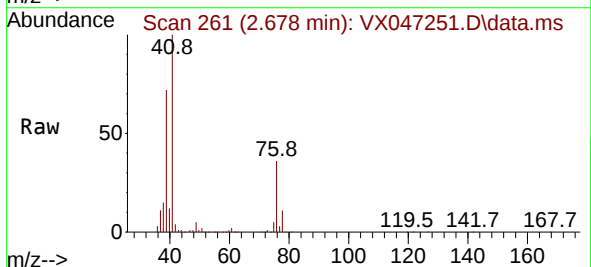
Manual Integrations
APPROVED

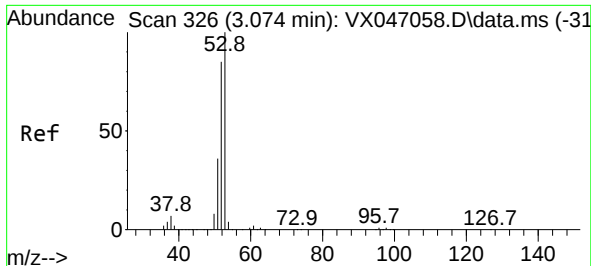
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#14
Allyl chloride
Concen: 51.180 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

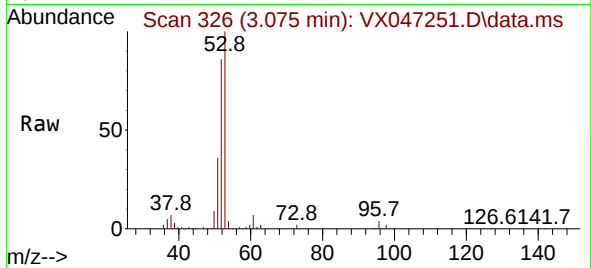
Tgt Ion: 41 Resp: 302714
Ion Ratio Lower Upper
41 100
39 71.7 52.6 78.8
76 35.3 25.7 38.5





#15
Acrylonitrile
Concen: 259.244 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

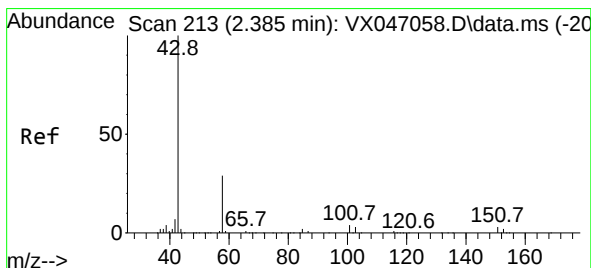
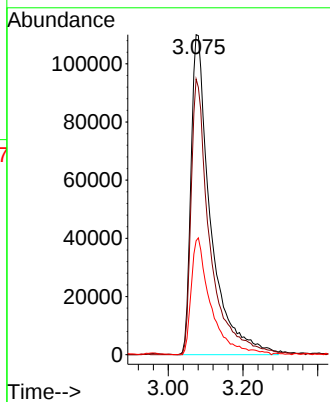
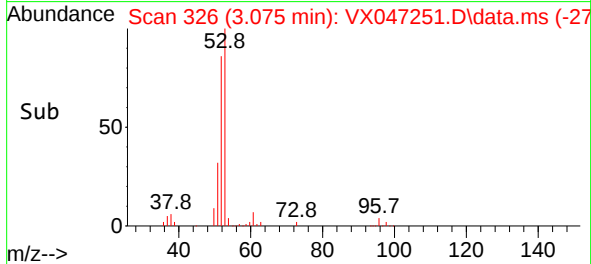
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



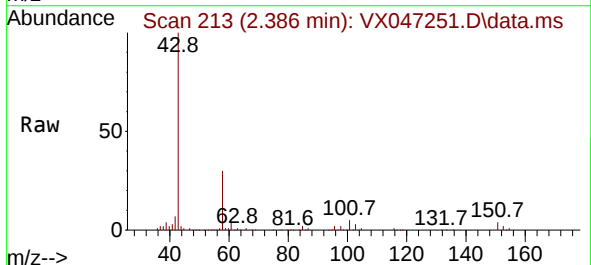
Tgt Ion: 53 Resp: 401009
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 36.3 28.8 43.2

Manual Integrations
APPROVED

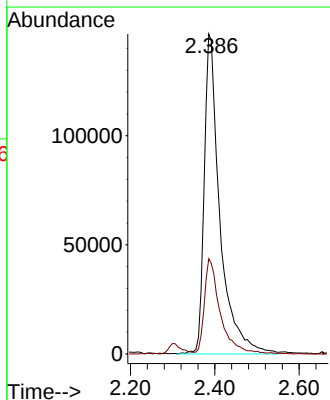
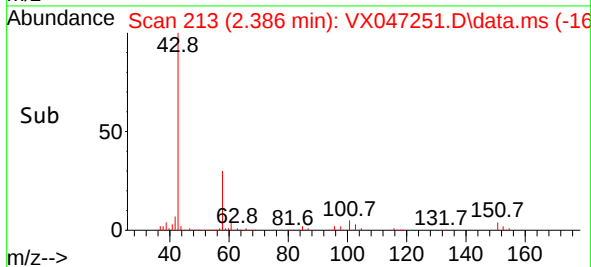
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025

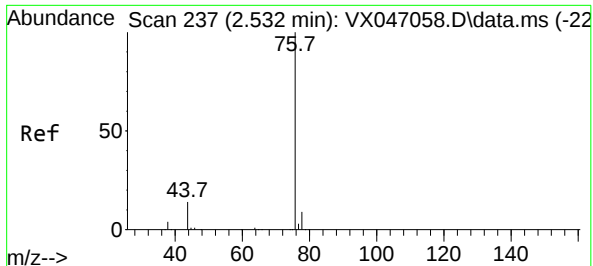


#16
Acetone
Concen: 291.845 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



Tgt Ion: 43 Resp: 379192
Ion Ratio Lower Upper
43 100
58 29.5 24.0 36.0





#17

Carbon Disulfide

Concen: 55.531 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 52565

Ion Ratio Lower Upper

76 100

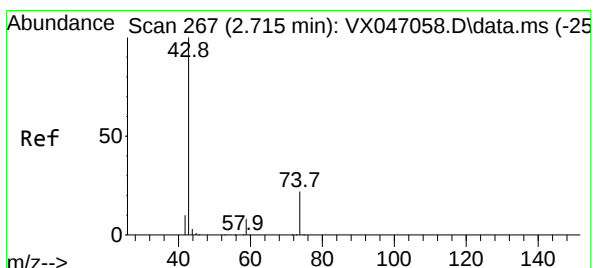
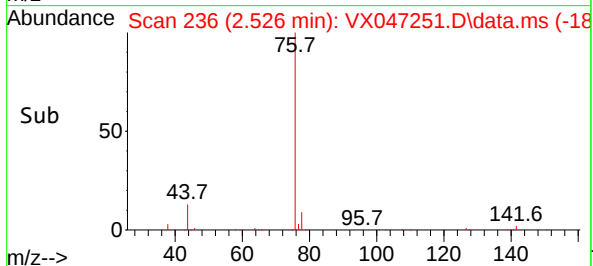
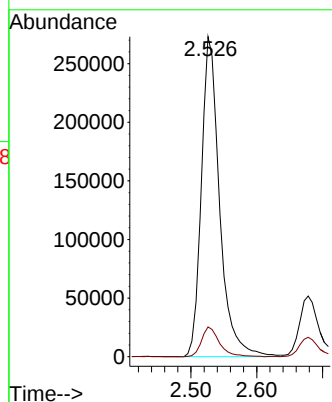
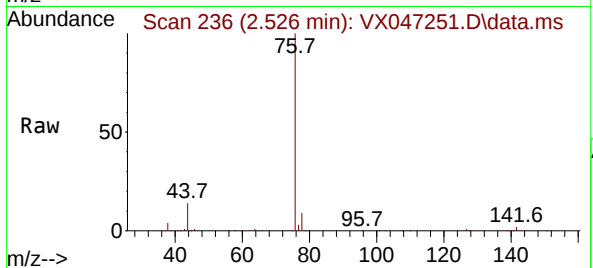
78 9.3 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#18

Methyl Acetate

Concen: 54.735 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX047251.D

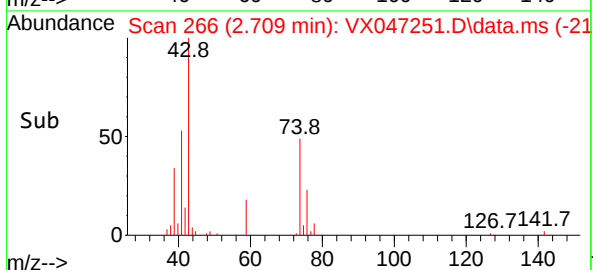
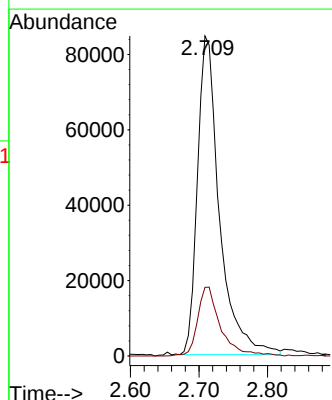
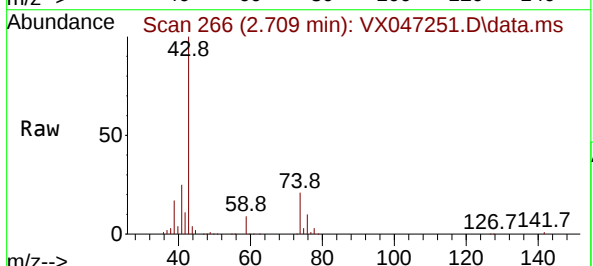
Acq: 07 Aug 2025 10:15

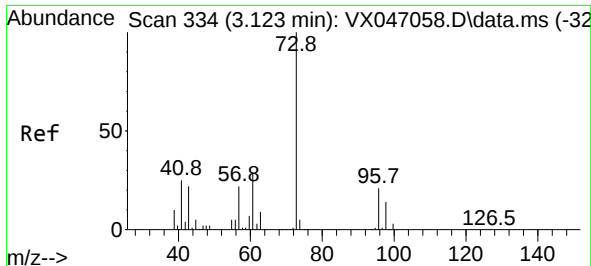
Tgt Ion: 43 Resp: 188990

Ion Ratio Lower Upper

43 100

74 22.5 17.7 26.5





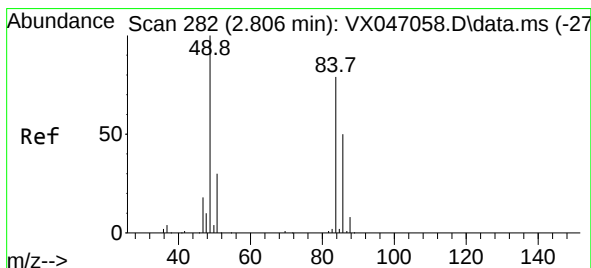
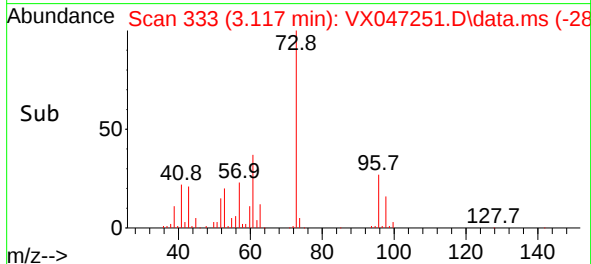
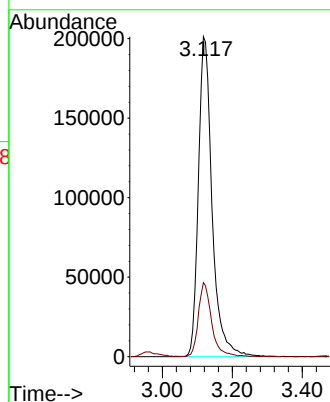
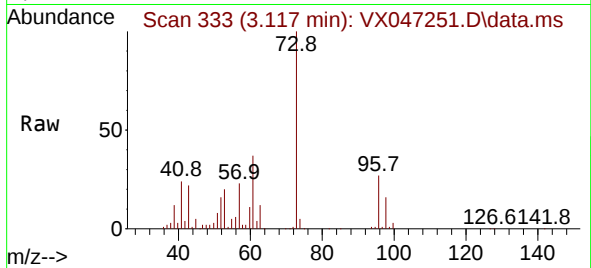
#19
Methyl tert-butyl Ether
Concen: 54.925 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 546954
Ion Ratio Lower Upper
73 100
57 23.1 17.7 26.5

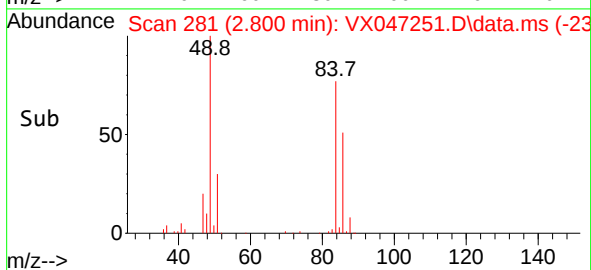
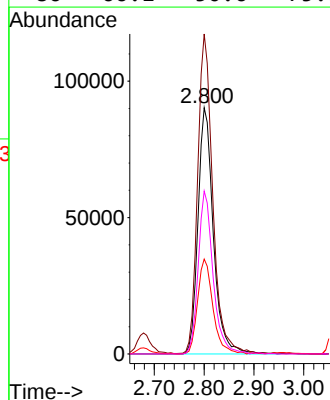
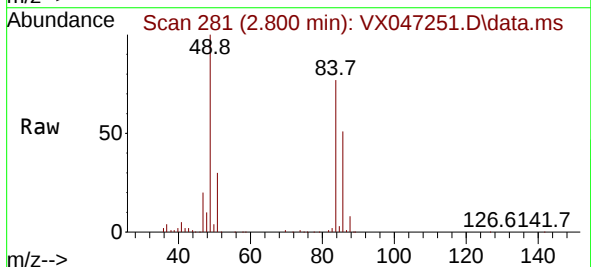
Manual Integrations
APPROVED

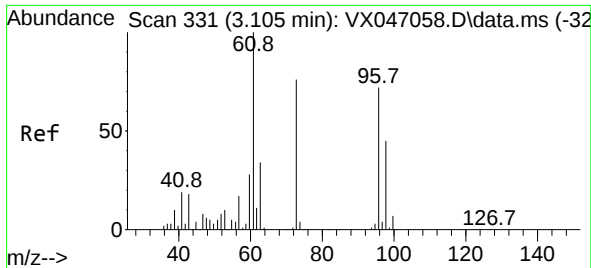
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#20
Methylene Chloride
Concen: 54.080 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

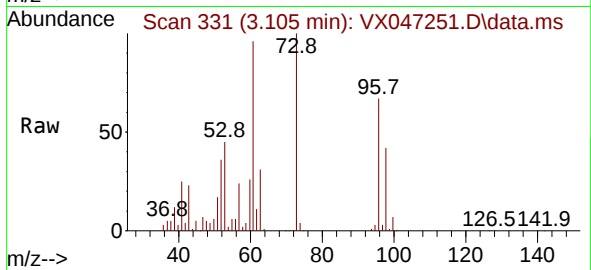
Tgt Ion: 84 Resp: 193307
Ion Ratio Lower Upper
84 100
49 129.7 101.6 152.4
51 38.6 30.3 45.5
86 66.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 56.231 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

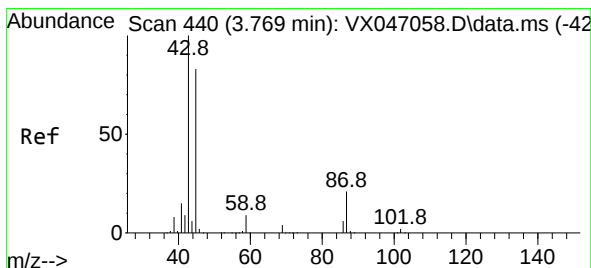
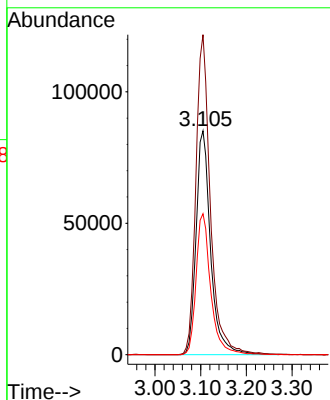
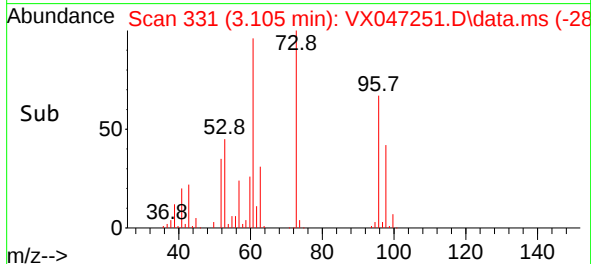
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



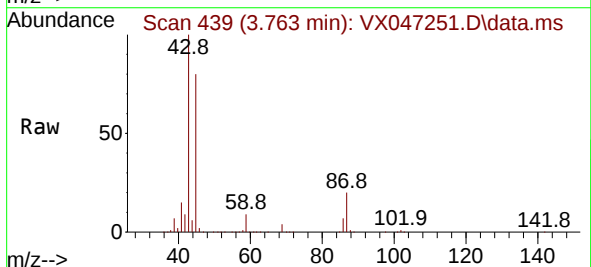
Tgt Ion: 96 Resp: 188280
Ion Ratio Lower Upper
96 100
61 142.9 111.1 166.7
98 63.0 49.6 74.4

Manual Integrations
APPROVED

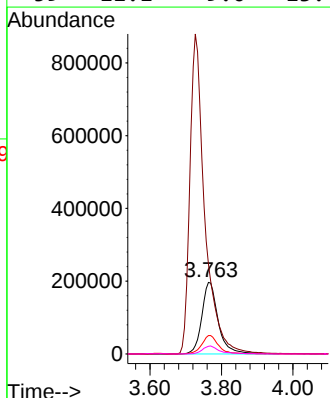
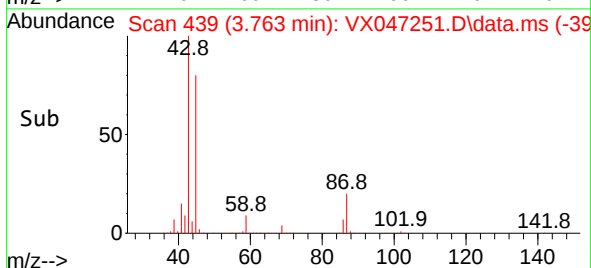
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025

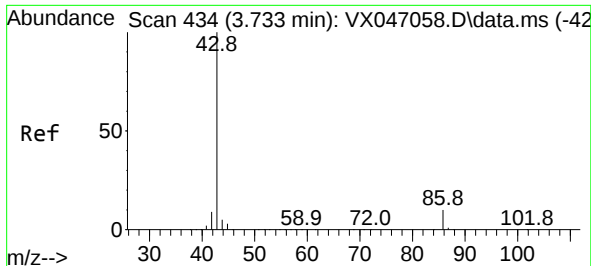


#22
Diisopropyl ether
Concen: 55.009 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



Tgt Ion: 45 Resp: 625546
Ion Ratio Lower Upper
45 100
43 125.4 96.8 145.2
87 25.6 20.5 30.7
59 11.1 9.0 13.4





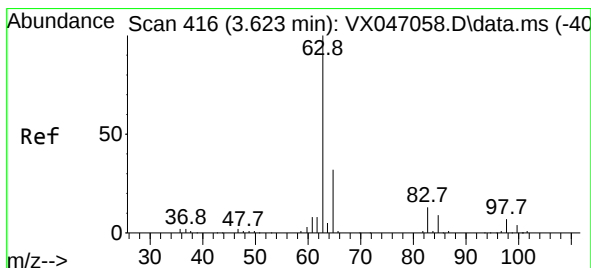
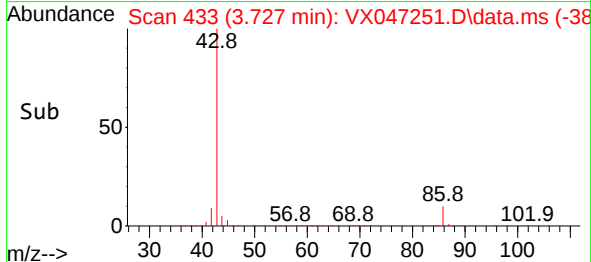
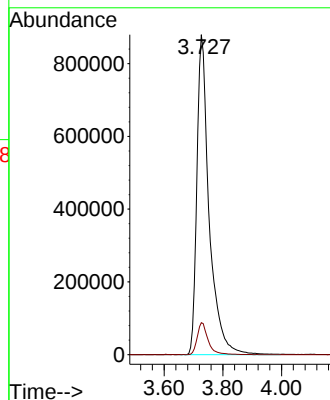
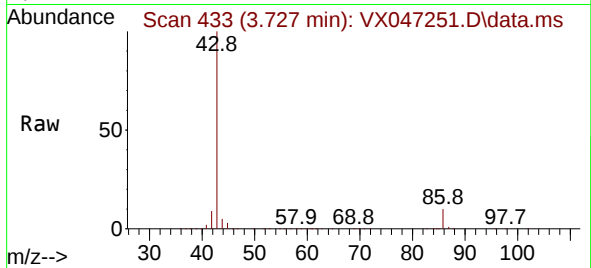
#23
 Vinyl Acetate
 Concen: 280.170 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 255537
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

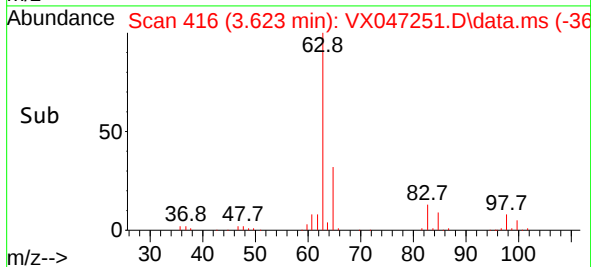
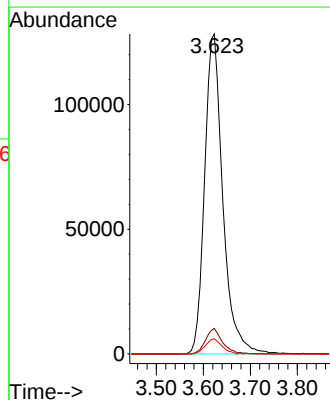
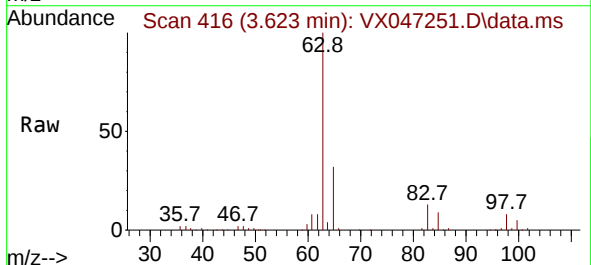
Manual Integrations
 APPROVED

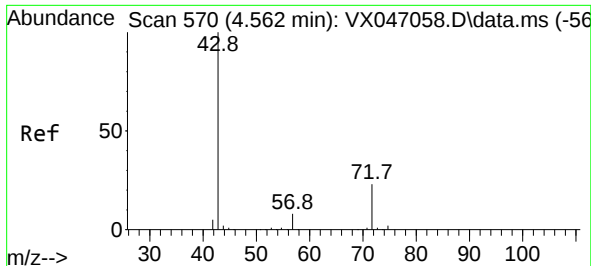
Reviewed By :John Carlone 08/08/2025
 Supervised By :Mahesh Dadoda 08/08/2025



#24
 1,1-Dichloroethane
 Concen: 54.466 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15

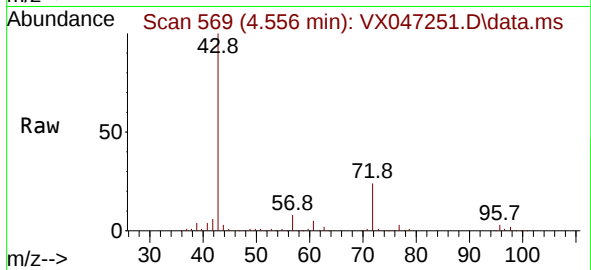
Tgt Ion: 63 Resp: 344415
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 261.747 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

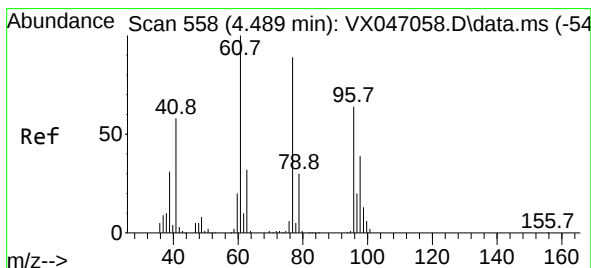
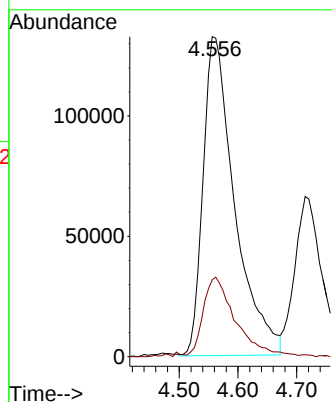
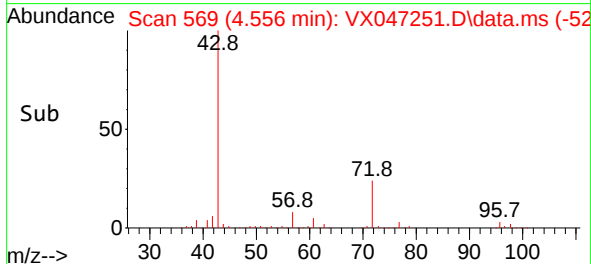
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 495194
Ion Ratio Lower Upper
43 100
72 23.4 18.8 28.2

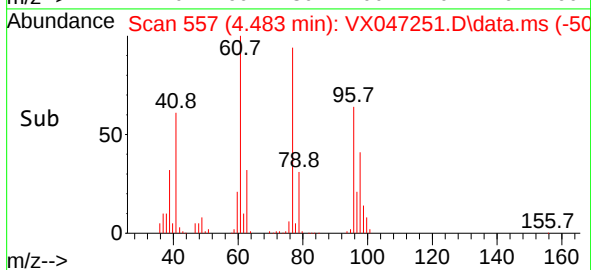
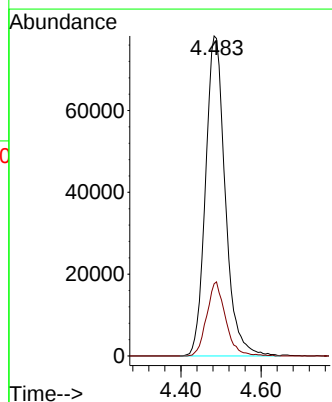
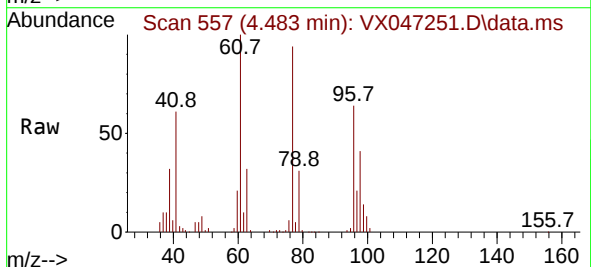
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#26
2,2-Dichloropropane
Concen: 54.481 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

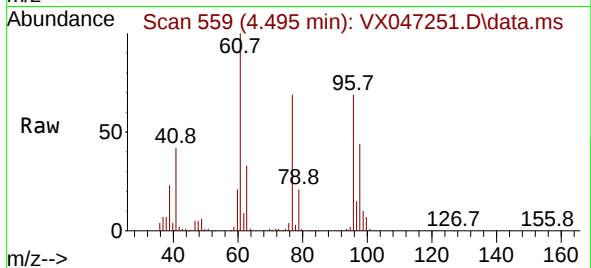
Tgt Ion: 77 Resp: 266684
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.316 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15

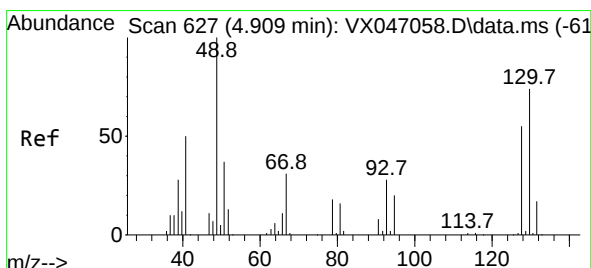
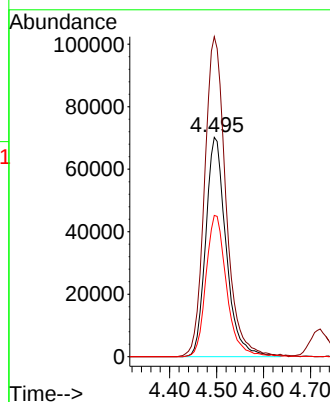
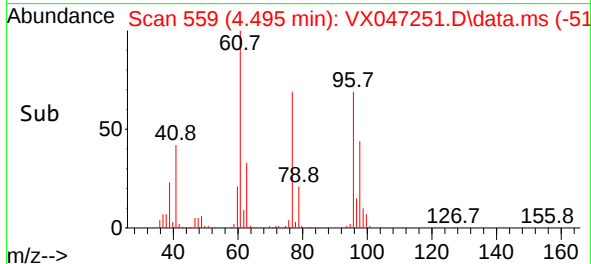
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 211399
 Ion Ratio Lower Upper
 96 100
 61 152.9 0.0 298.6
 98 65.4 0.0 128.8

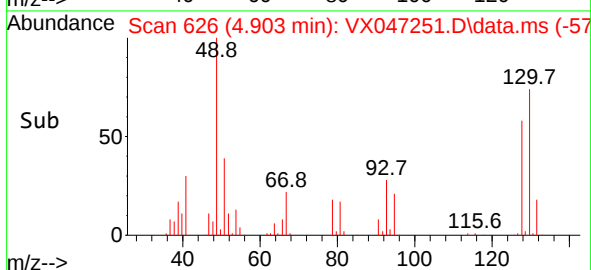
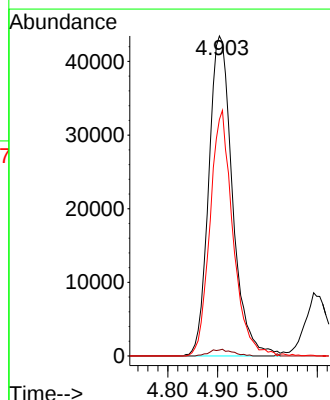
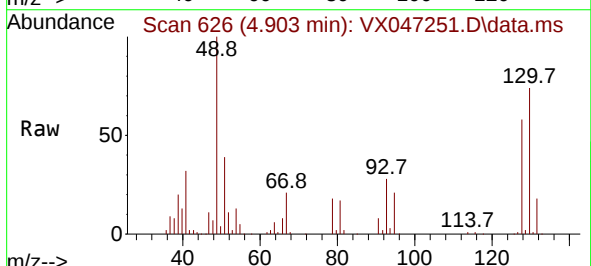
Manual Integrations
 APPROVED

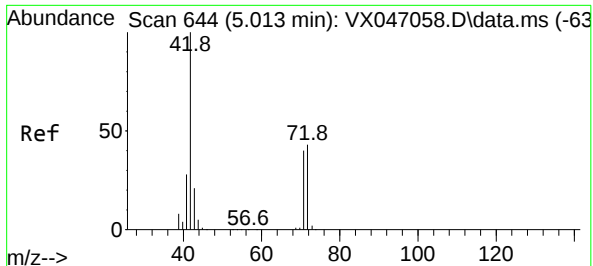
Reviewed By :John Carlone 08/08/2025
 Supervised By :Mahesh Dadoda 08/08/2025



#28
 Bromochloromethane
 Concen: 49.530 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.006 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15

Tgt Ion: 49 Resp: 144091
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 73.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 244.577 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

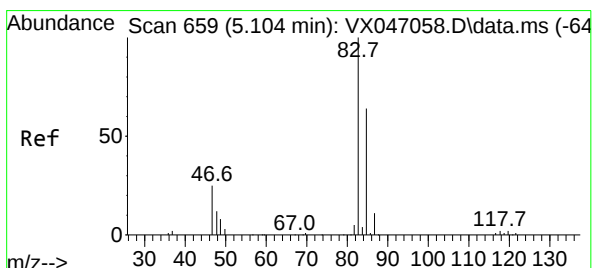
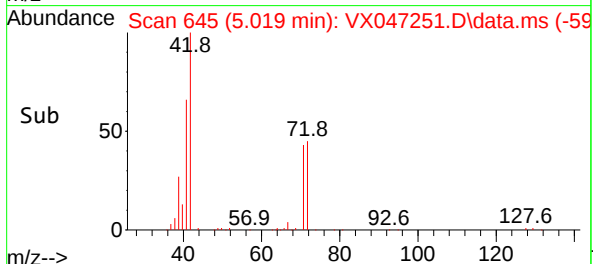
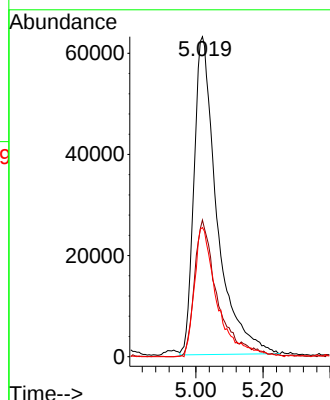
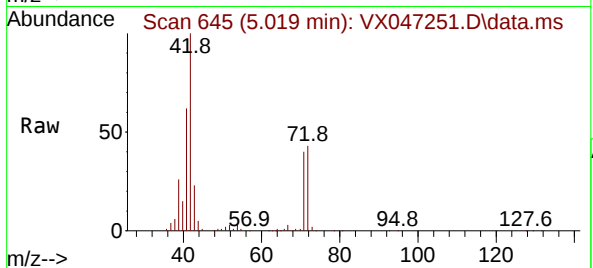
Tgt Ion: 42 Resp: 29854
 Ion Ratio Lower Upper
 42 100
 72 40.4 33.7 50.5
 71 40.5 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#30

Chloroform

Concen: 53.393 ug/l

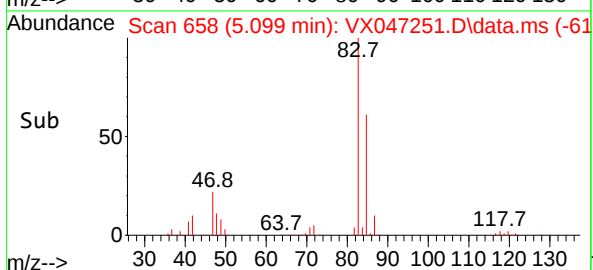
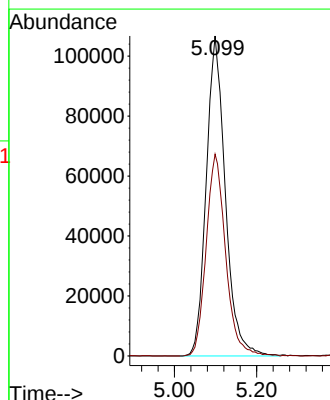
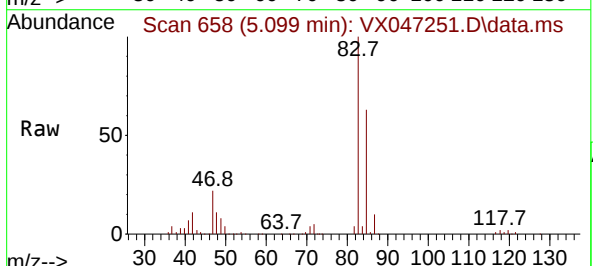
RT: 5.099 min Scan# 658

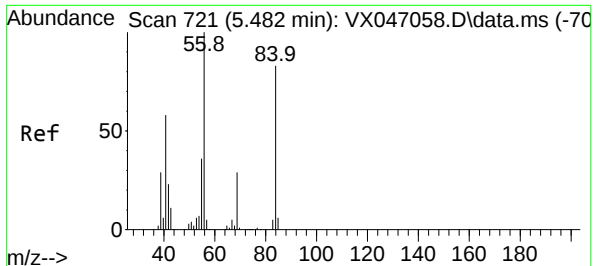
Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

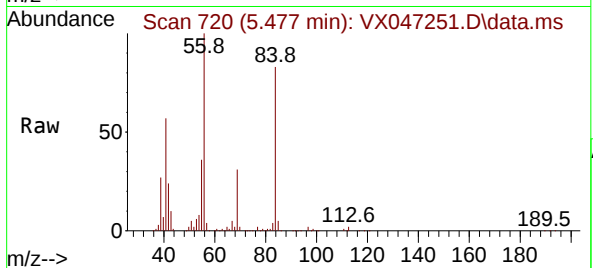
Tgt Ion: 83 Resp: 343685
 Ion Ratio Lower Upper
 83 100
 85 63.0 50.9 76.3





#31
Cyclohexane
Concen: 52.557 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

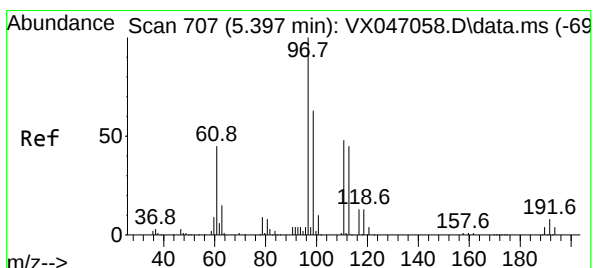
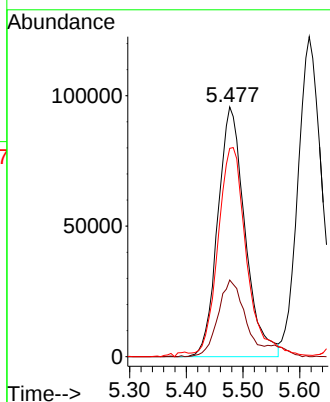
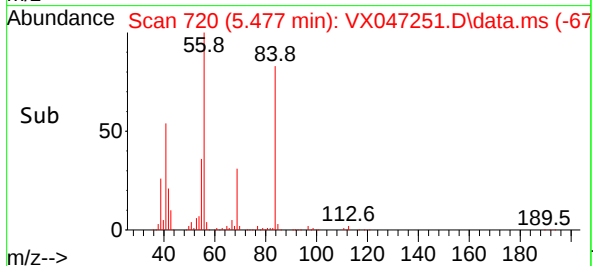
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 318662
Ion Ratio Lower Upper
56 100
69 30.1 23.3 34.9
84 81.9 66.5 99.7

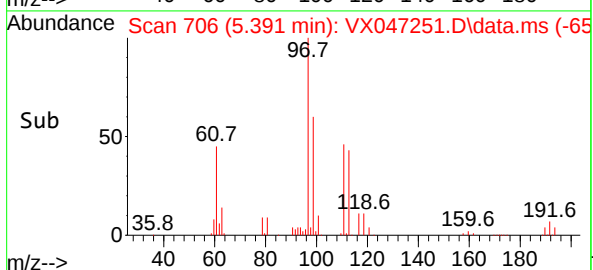
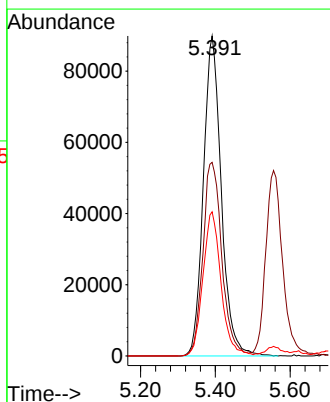
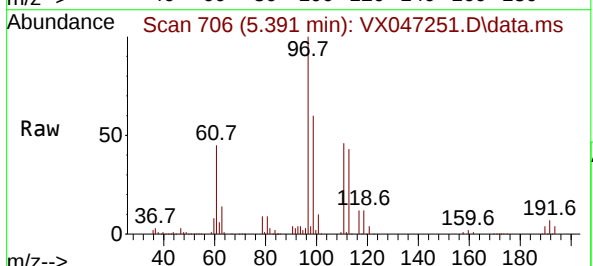
Manual Integrations
APPROVED

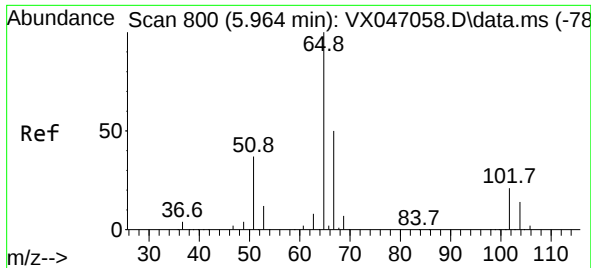
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#32
1,1,1-Trichloroethane
Concen: 53.614 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Tgt Ion: 97 Resp: 299752
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 45.5 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 45.048 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 146108

Ion Ratio Lower Upper

65 100

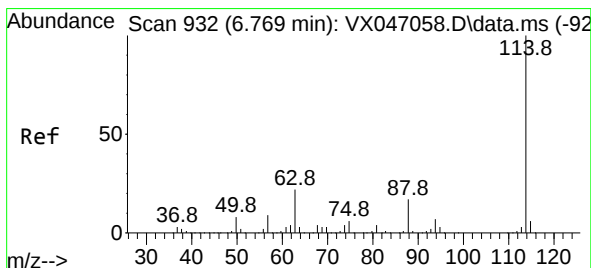
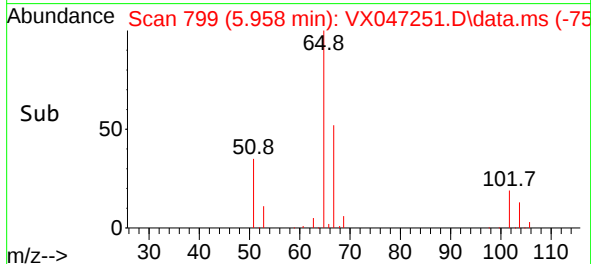
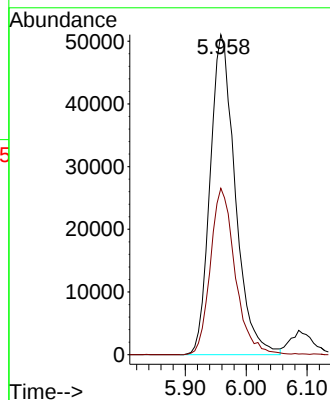
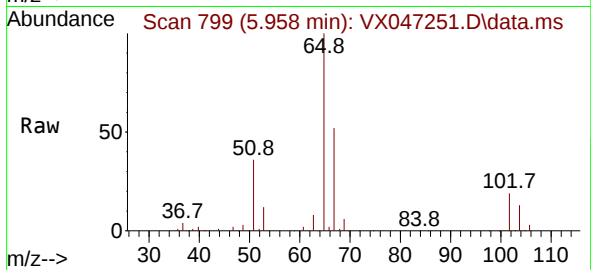
67 51.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

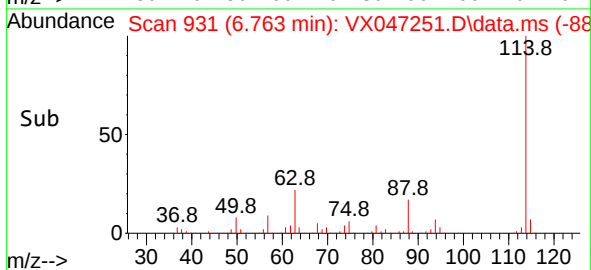
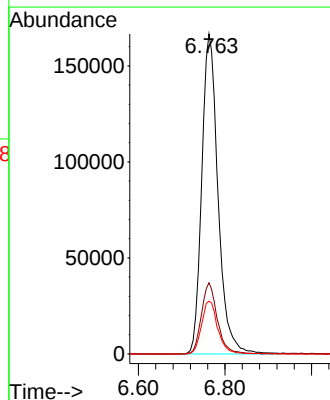
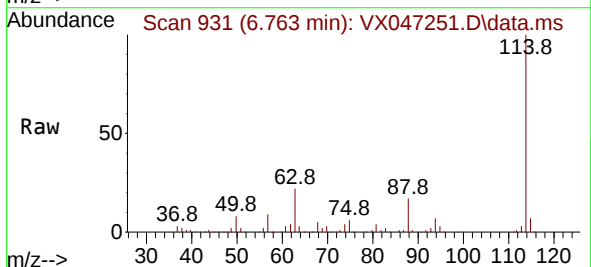
Tgt Ion:114 Resp: 434515

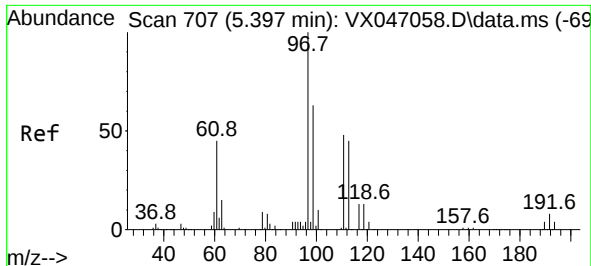
Ion Ratio Lower Upper

114 100

63 25.1 0.0 43.2

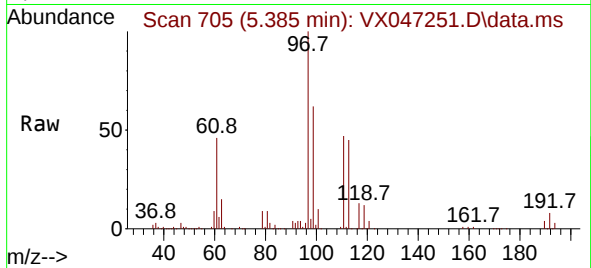
88 16.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 47.771 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

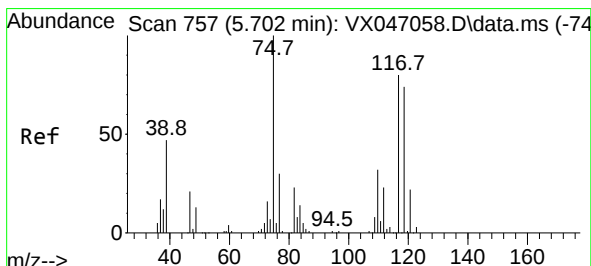
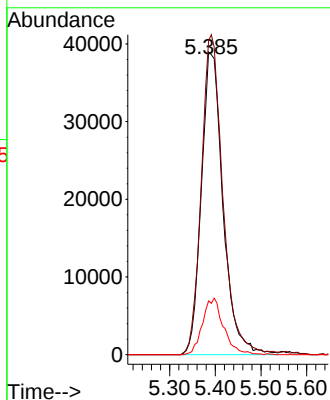
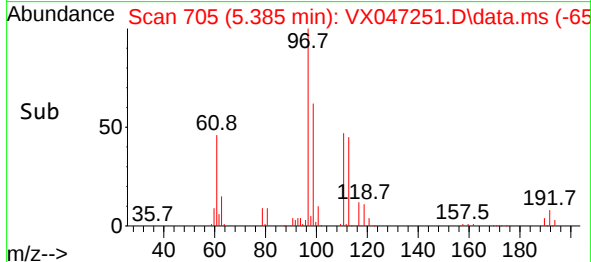
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 12816
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 18.2 14.9 22.3

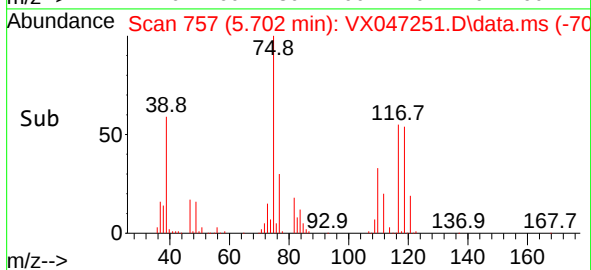
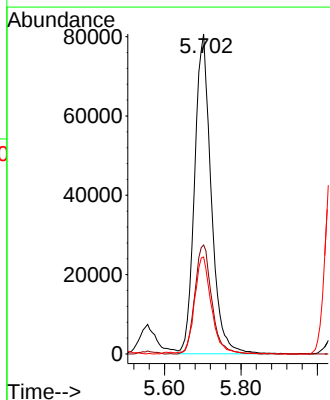
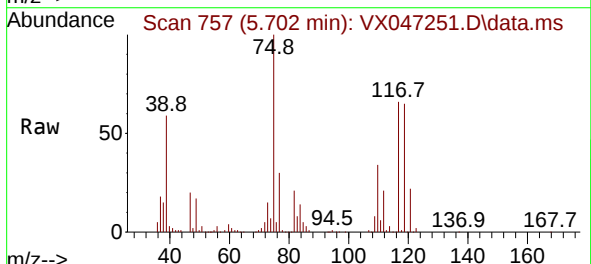
Manual Integrations
APPROVED

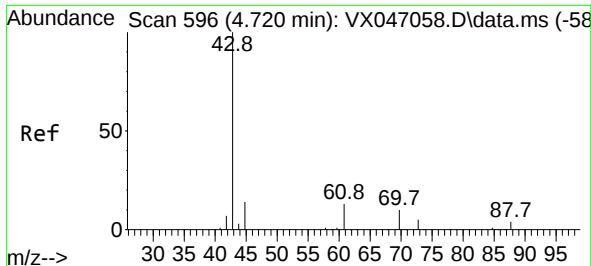
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#36
1,1-Dichloropropene
Concen: 53.070 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Tgt Ion: 75 Resp: 242698
Ion Ratio Lower Upper
75 100
110 34.7 17.2 51.5
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 52.863 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 222760

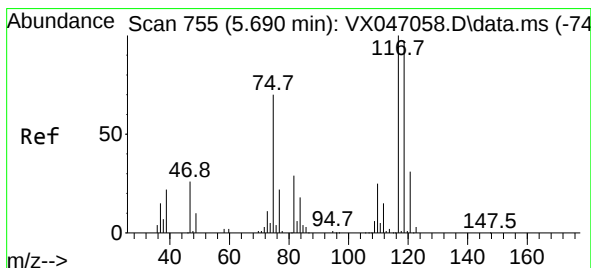
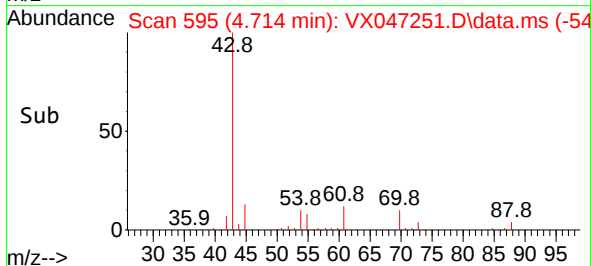
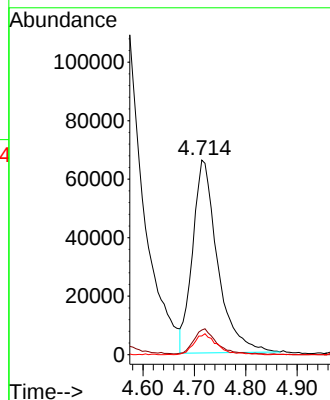
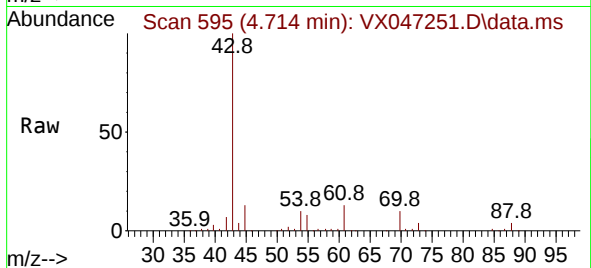
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.2	15.2
70	10.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#38

Carbon Tetrachloride

Concen: 53.526 ug/l

RT: 5.684 min Scan# 754

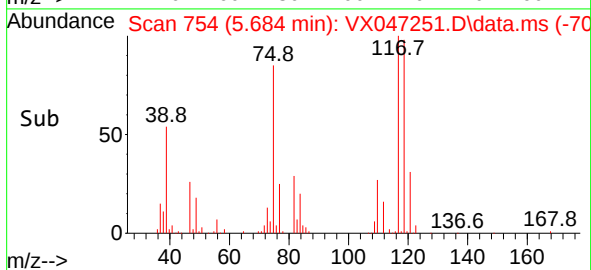
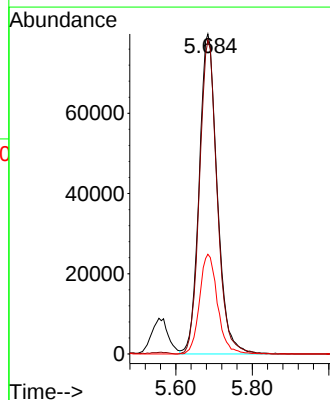
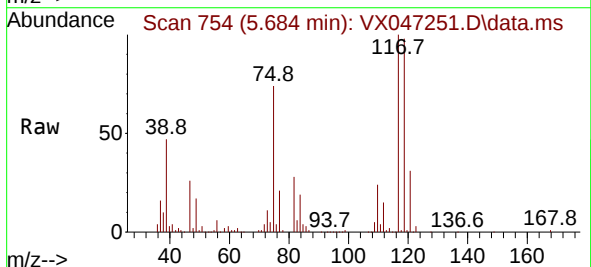
Delta R.T. -0.006 min

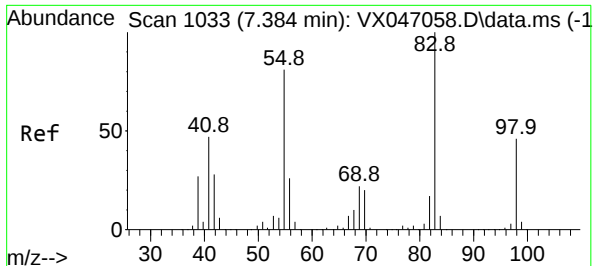
Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Tgt Ion:117 Resp: 261258

Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.6	115.0
121	31.1	24.4	36.6





#39

Methylcyclohexane

Concen: 53.230 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 303930

Ion Ratio Lower Upper

83 100

55 80.7 64.5 96.7

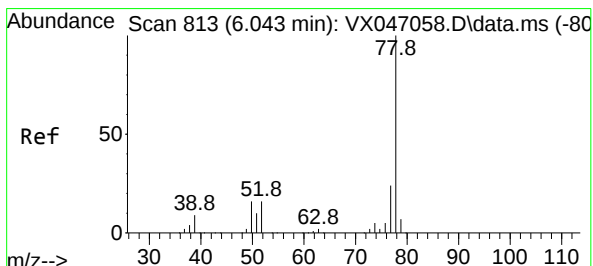
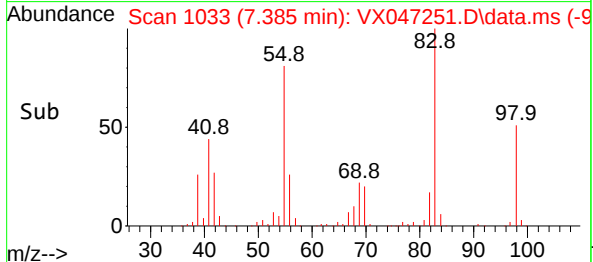
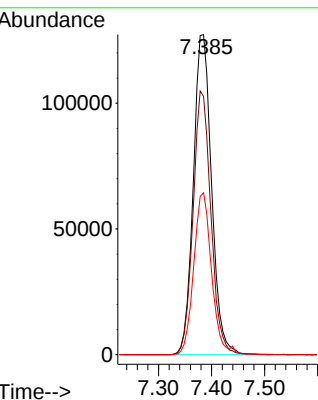
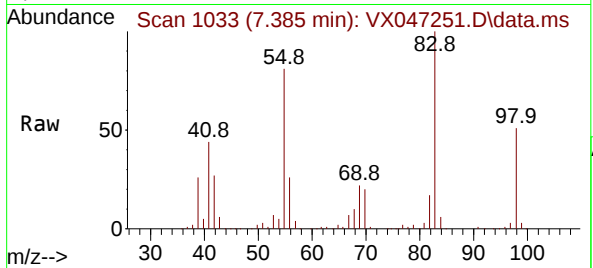
98 50.6 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#40

Benzene

Concen: 53.931 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047251.D

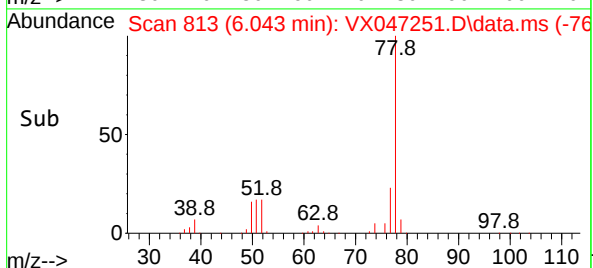
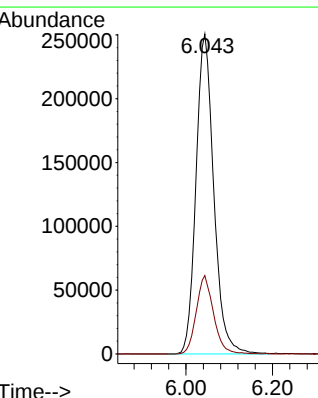
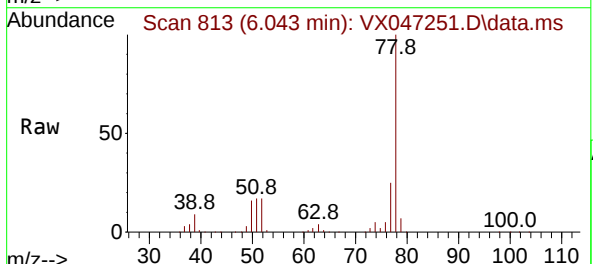
Acq: 07 Aug 2025 10:15

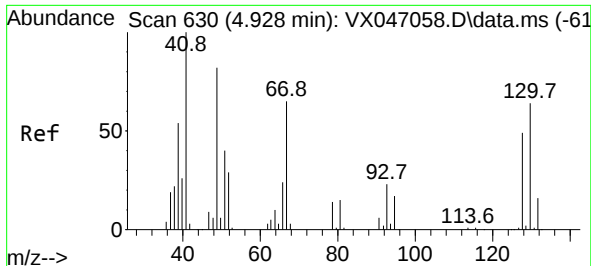
Tgt Ion: 78 Resp: 713755

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 46.857 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

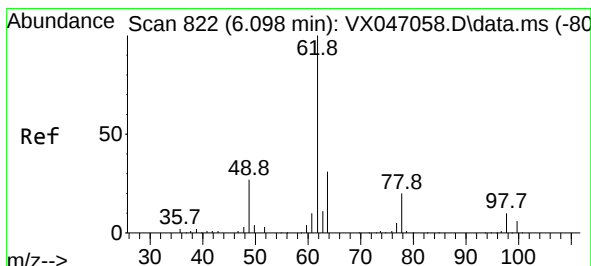
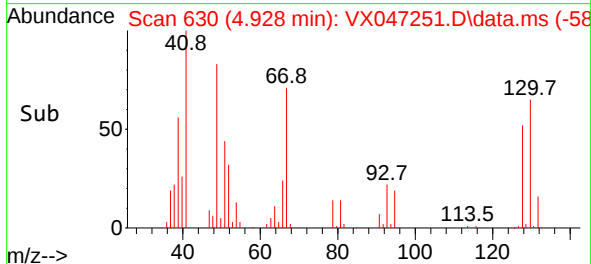
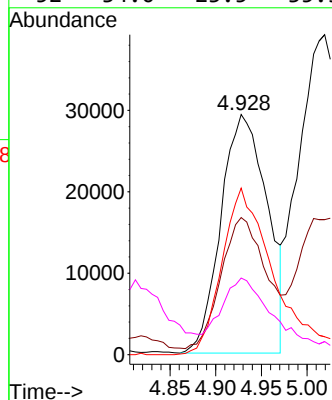
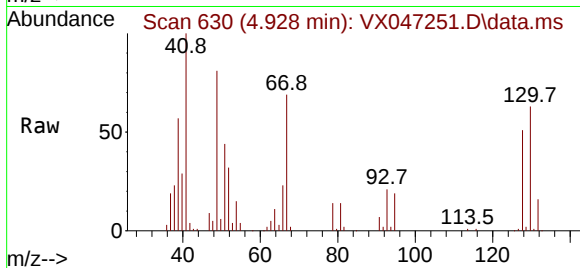
Tgt Ion: 41 Resp: 10324
Ion Ratio Lower Upper
41 100
39 53.8 44.2 66.2
67 80.3 56.4 84.6
52 34.0 23.5 35.3

Manual Integrations

APPROVED

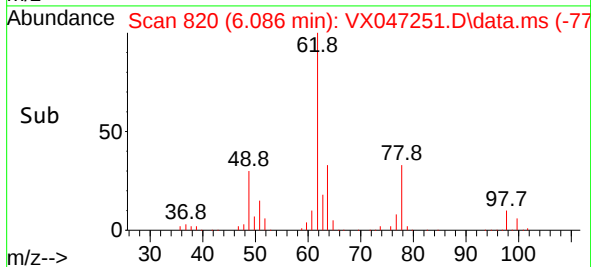
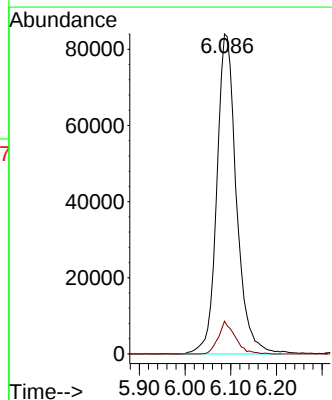
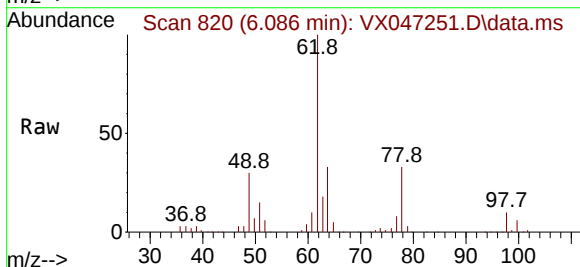
Reviewed By :John Carlone 08/08/2025

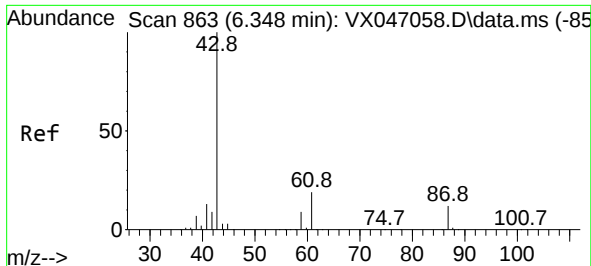
Supervised By :Mahesh Dadoda 08/08/2025



#42
1,2-Dichloroethane
Concen: 53.666 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

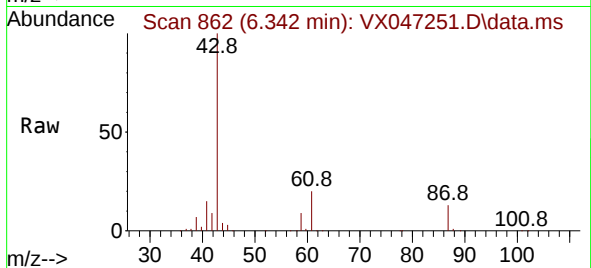
Tgt Ion: 62 Resp: 250190
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 53.828 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

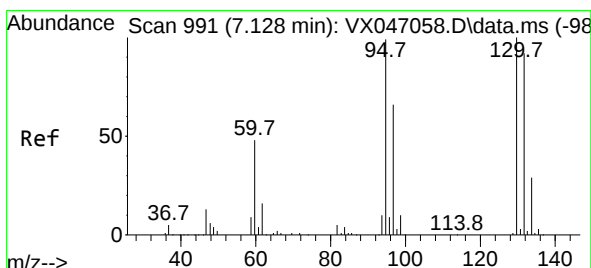
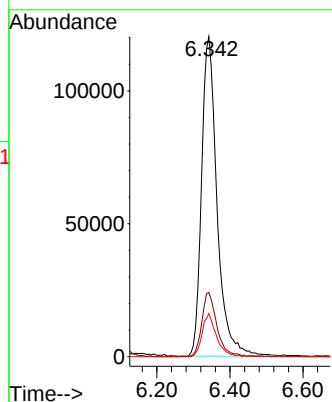
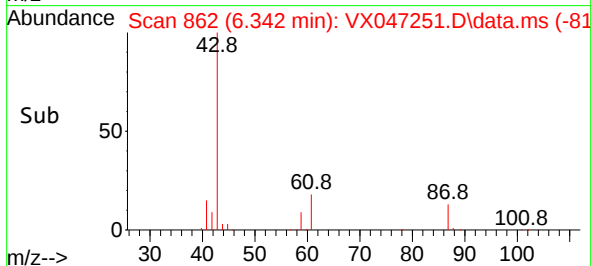
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 353618
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7
87 12.3 9.7 14.5

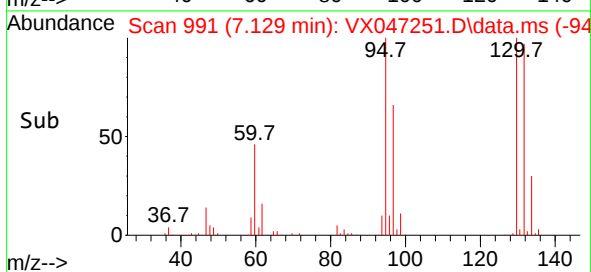
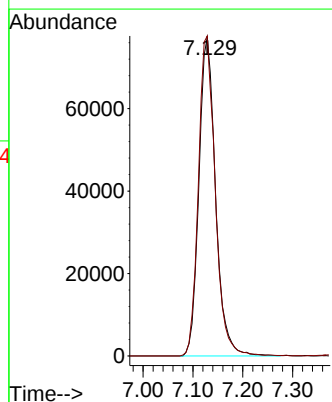
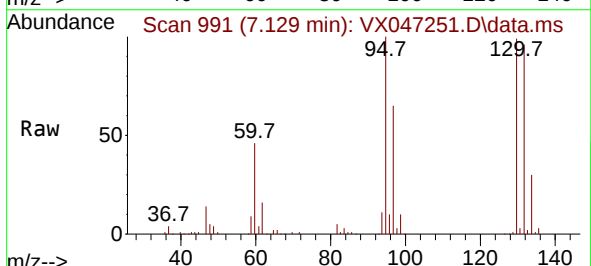
Manual Integrations
APPROVED

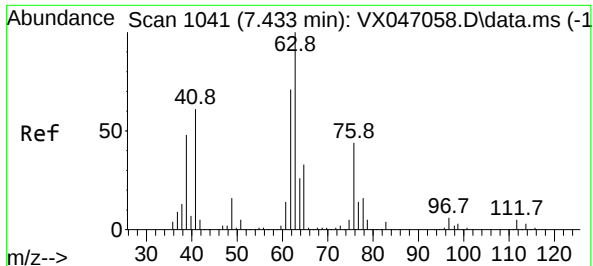
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#44
Trichloroethene
Concen: 52.928 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Tgt Ion:130 Resp: 179627
Ion Ratio Lower Upper
130 100
95 100.5 0.0 198.6





#45

1,2-Dichloropropane

Concen: 53.353 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17685

Ion Ratio Lower Upper

63 100

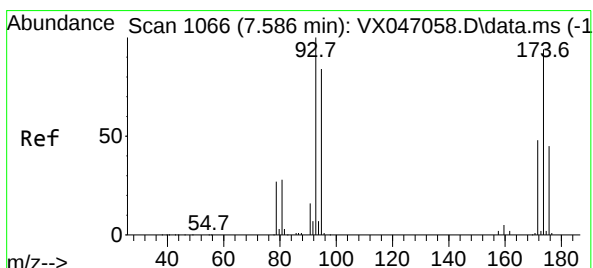
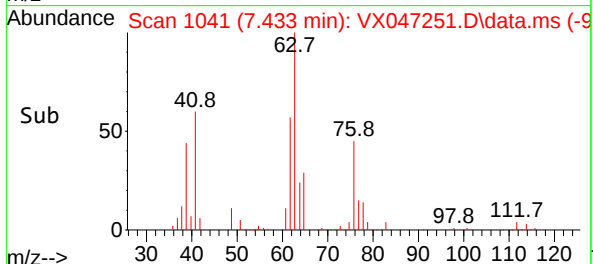
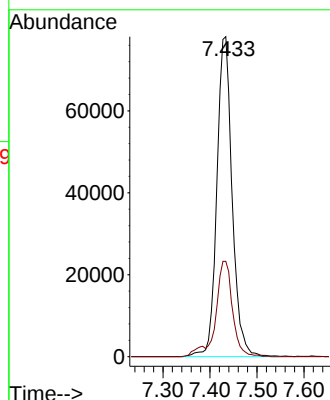
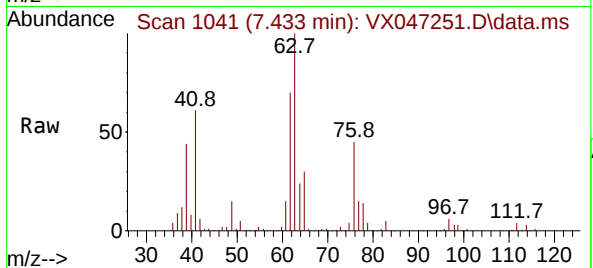
65 29.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#46

Dibromomethane

Concen: 54.508 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

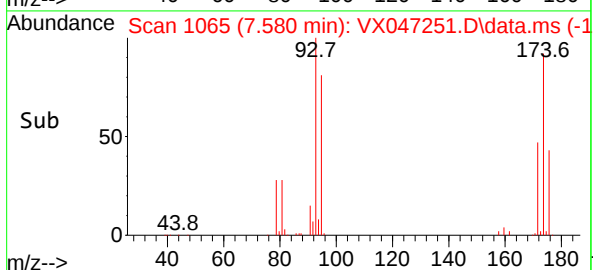
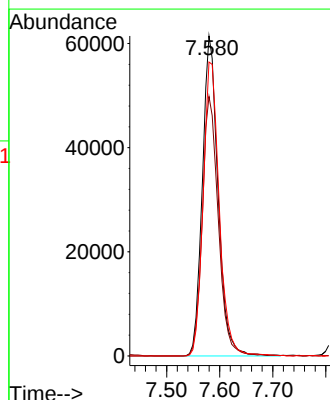
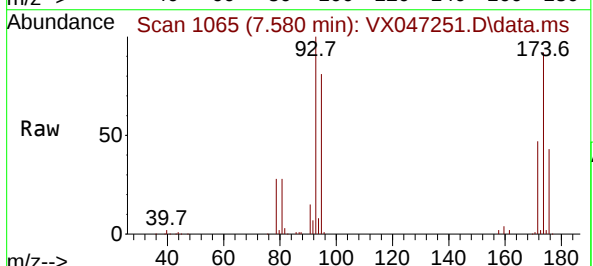
Tgt Ion: 93 Resp: 126703

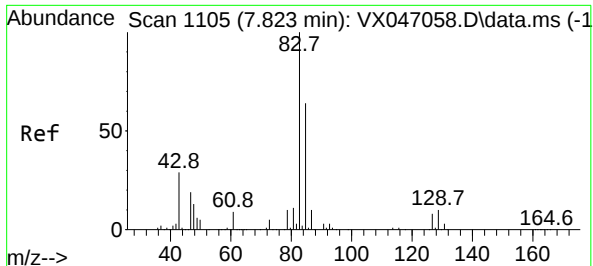
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

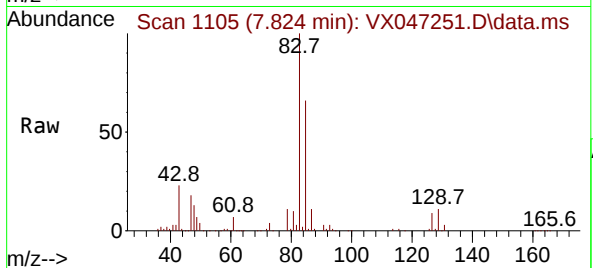
174 94.0 74.6 112.0





#47
Bromodichloromethane
Concen: 53.343 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

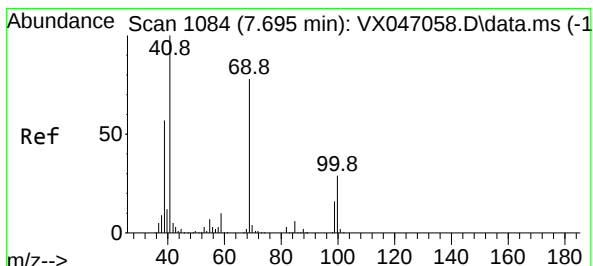
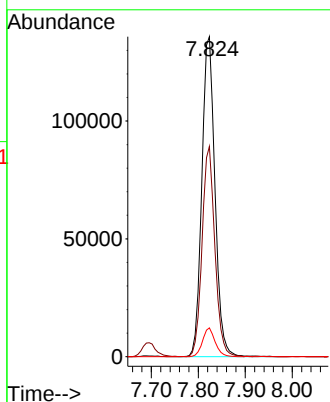
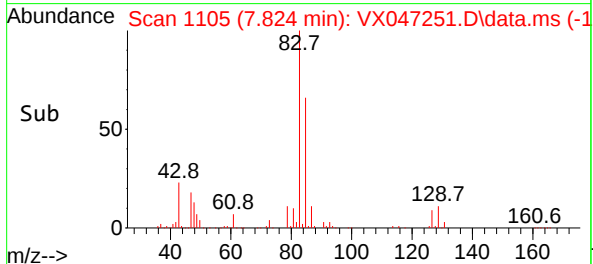
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 26392
Ion Ratio Lower Upper
83 100
85 65.7 49.9 74.9
127 9.0 6.6 10.0

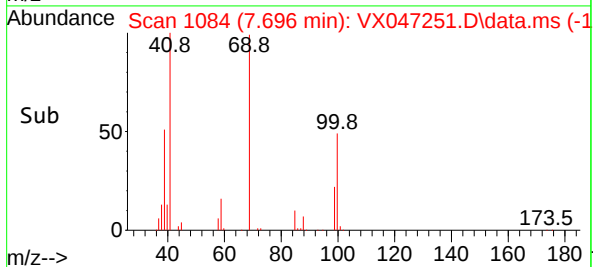
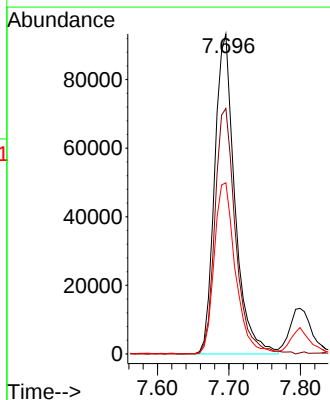
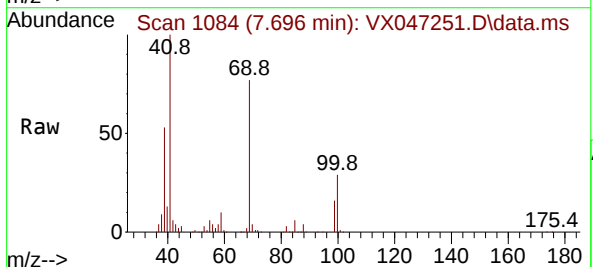
Manual Integrations
APPROVED

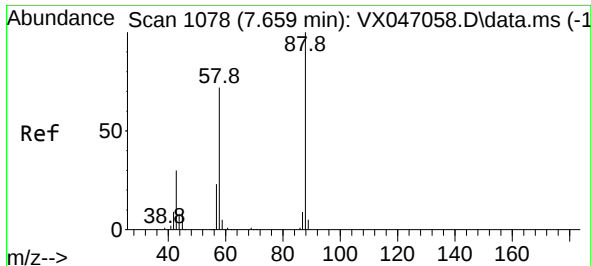
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#48
Methyl methacrylate
Concen: 51.325 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

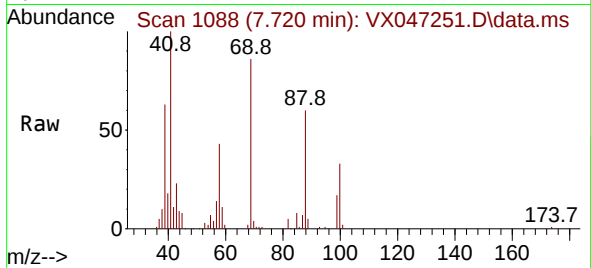
Tgt Ion: 41 Resp: 183683
Ion Ratio Lower Upper
41 100
69 78.0 62.3 93.5
39 56.0 44.8 67.2





#49
1,4-Dioxane
Concen: 949.881 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.061 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

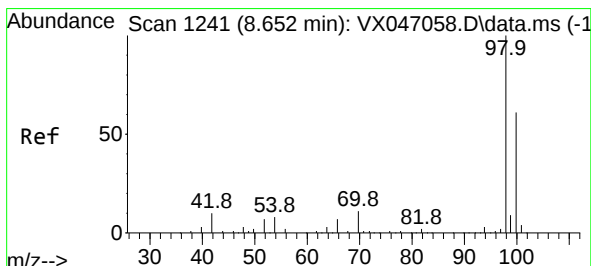
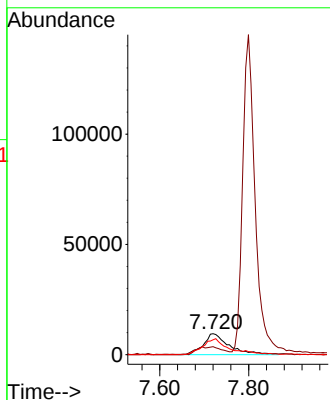
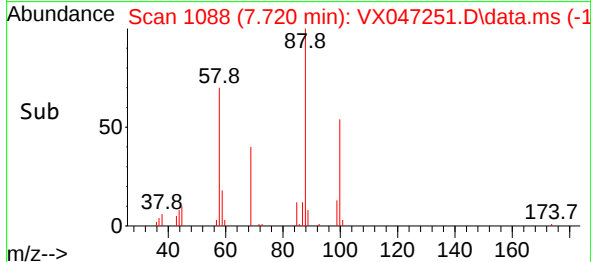
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 38664
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4
58 78.0 58.8 88.2

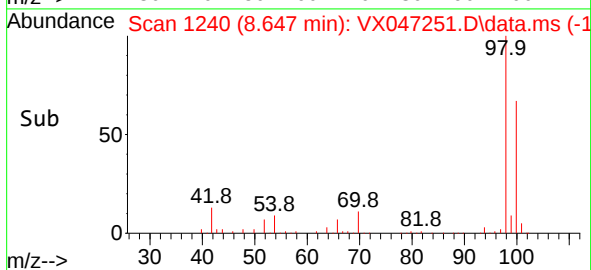
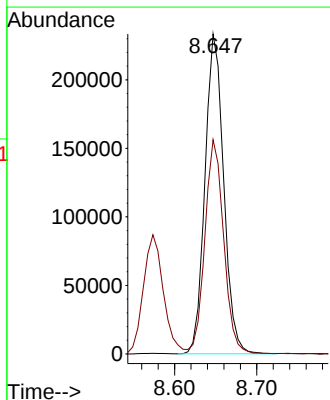
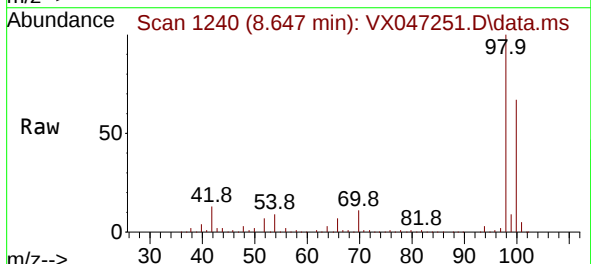
Manual Integrations
APPROVED

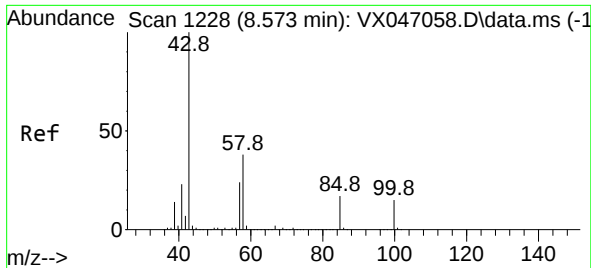
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#50
Toluene-d8
Concen: 42.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

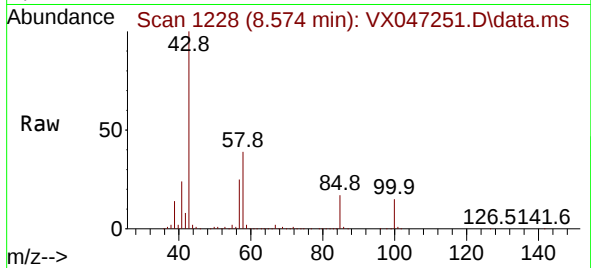
Tgt Ion: 98 Resp: 368982
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 255.322 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

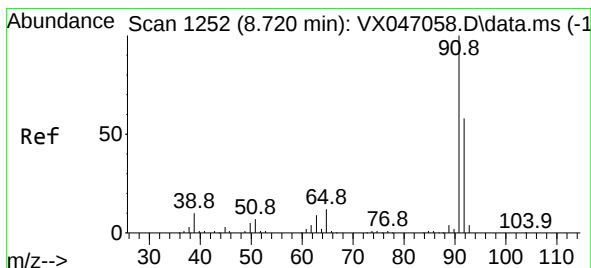
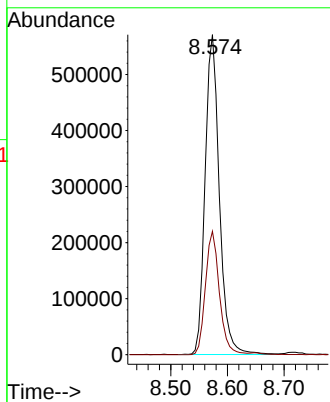
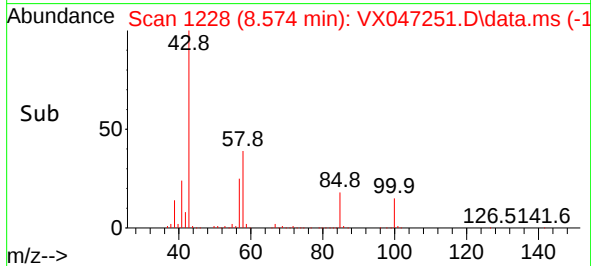
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 99697
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8

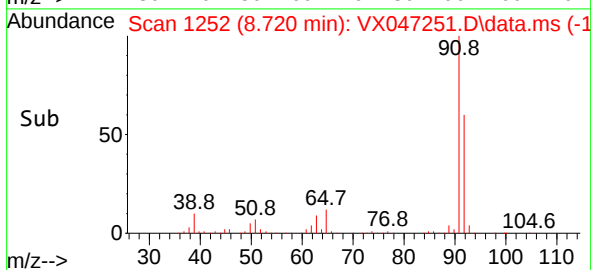
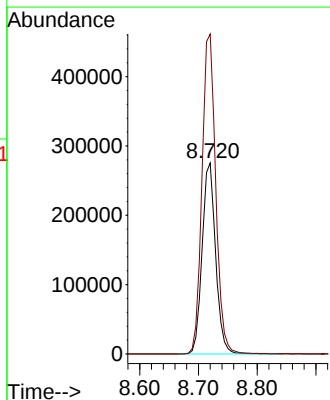
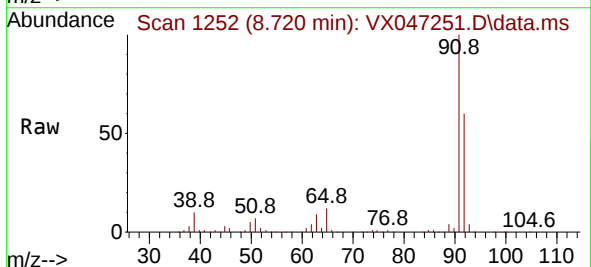
Manual Integrations
APPROVED

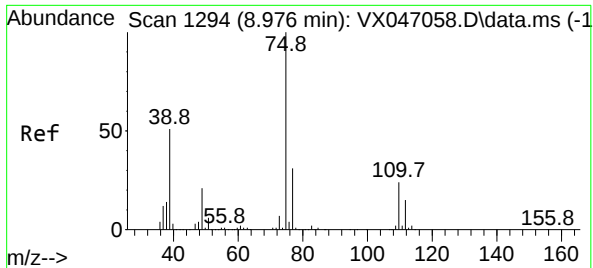
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#52
Toluene
Concen: 53.916 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

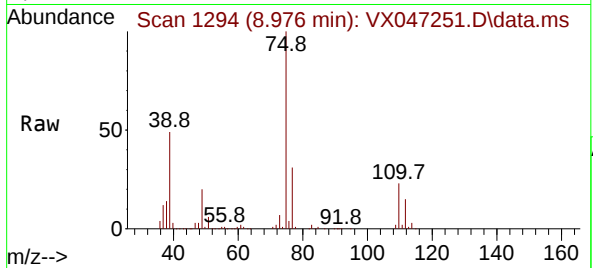
Tgt Ion: 92 Resp: 438755
Ion Ratio Lower Upper
92 100
91 171.0 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 53.540 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

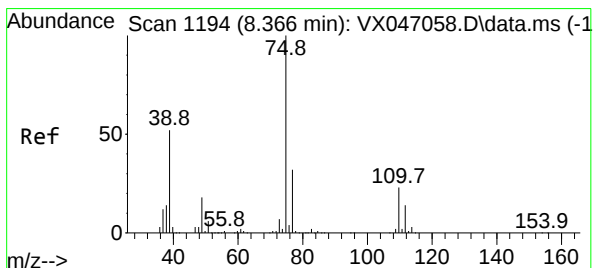
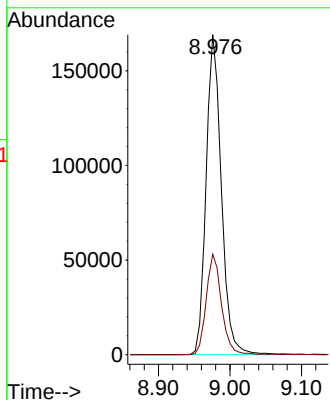
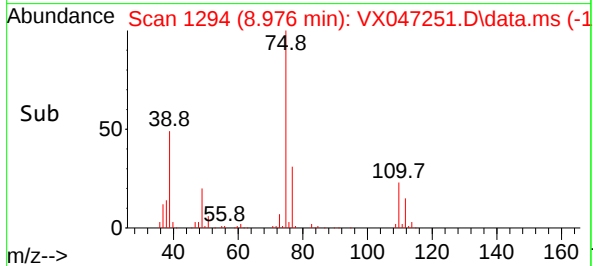
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



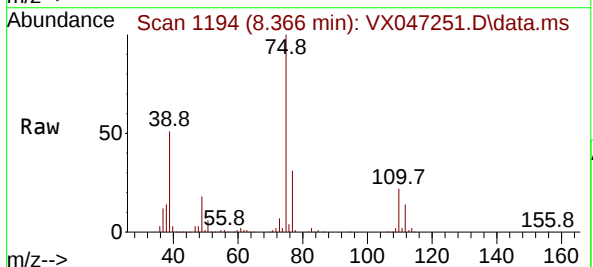
Tgt Ion: 75 Resp: 250144
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7

Manual Integrations
APPROVED

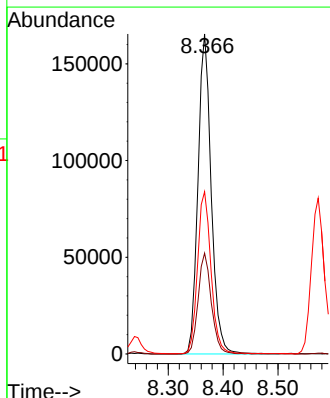
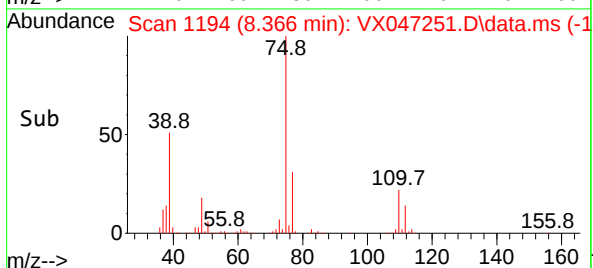
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025

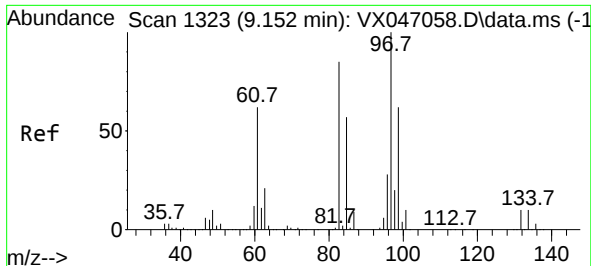


#54
cis-1,3-Dichloropropene
Concen: 54.294 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



Tgt Ion: 75 Resp: 277637
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 50.6 41.8 62.6





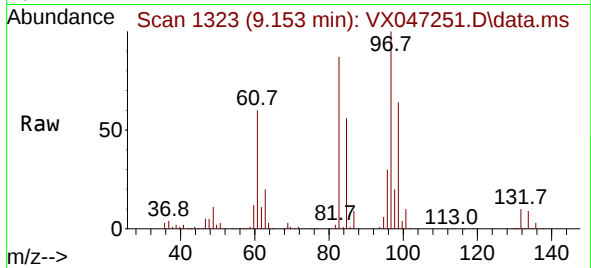
#55
1,1,2-Trichloroethane
Concen: 52.820 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 161200

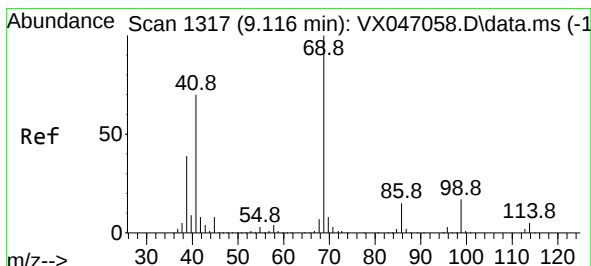
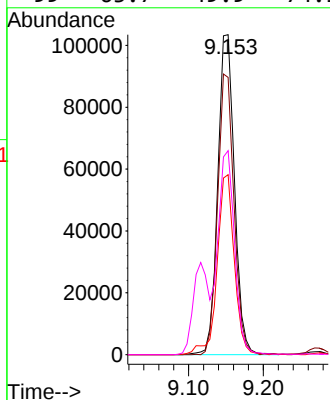
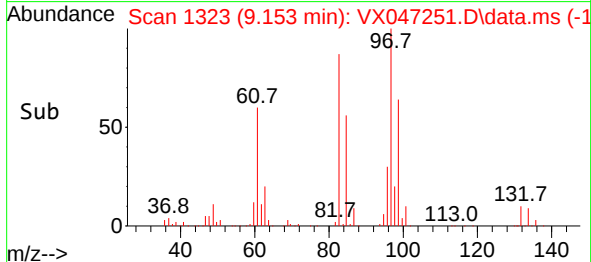
Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.0	102.0
85	56.2	45.2	67.8
99	63.7	49.9	74.9

Manual Integrations

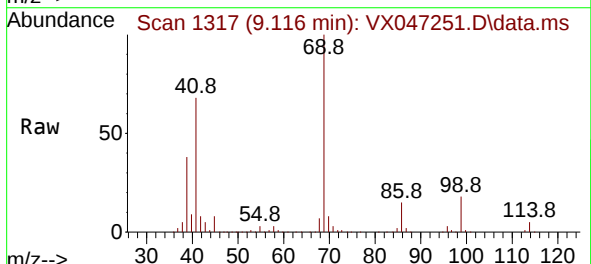
APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025

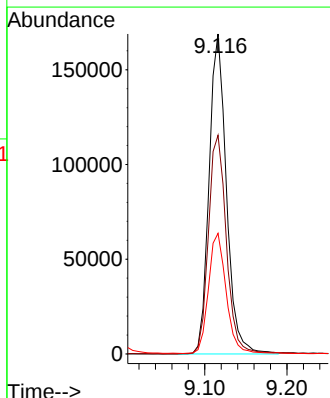
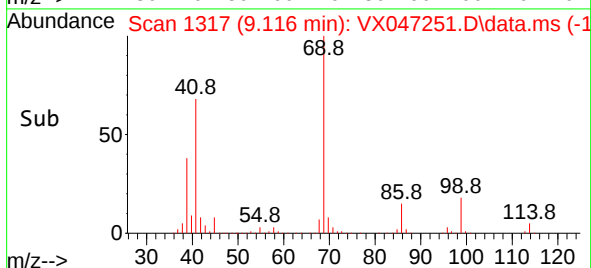


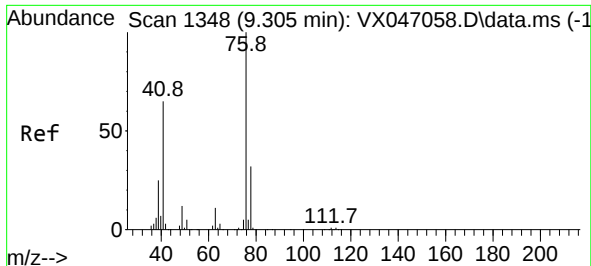
#56
Ethyl methacrylate
Concen: 54.811 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



Tgt Ion: 69 Resp: 247637

Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.1	84.1
39	38.6	31.1	46.7





#57

1,3-Dichloropropane

Concen: 52.367 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 277752

Ion Ratio Lower Upper

76 100

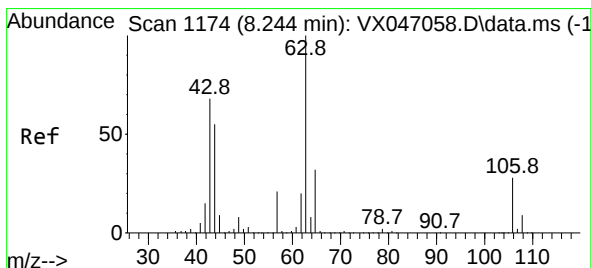
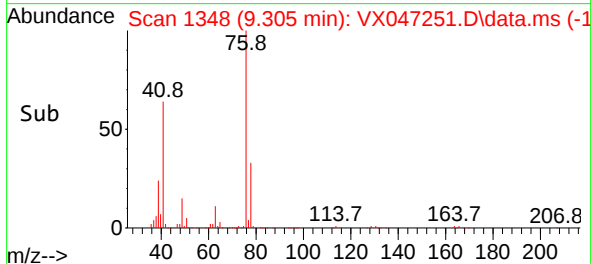
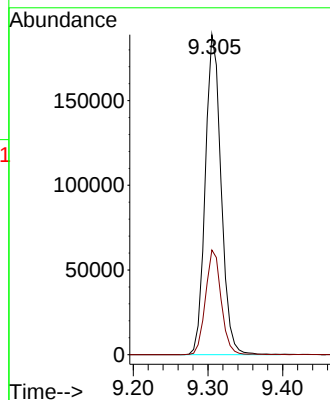
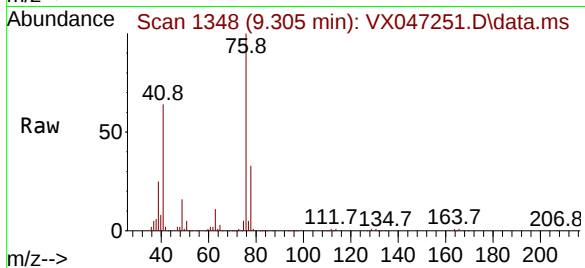
78 32.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 258.586 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047251.D

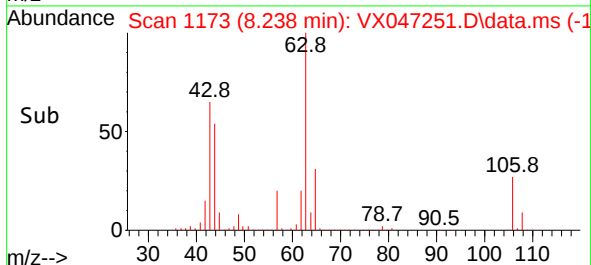
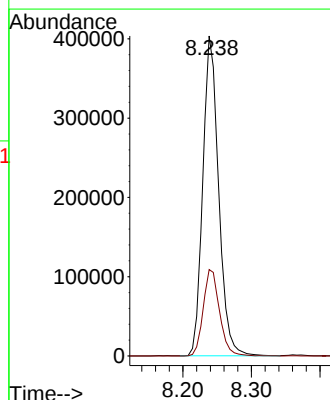
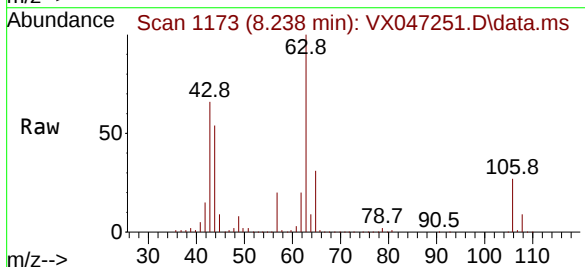
Acq: 07 Aug 2025 10:15

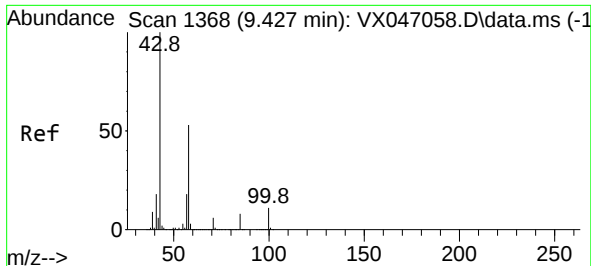
Tgt Ion: 63 Resp: 650118

Ion Ratio Lower Upper

63 100

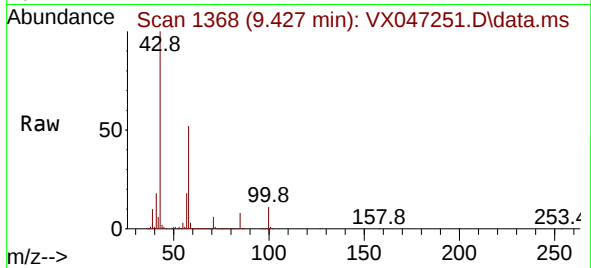
106 27.8 22.2 33.4





#59
2-Hexanone
Concen: 262.679 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

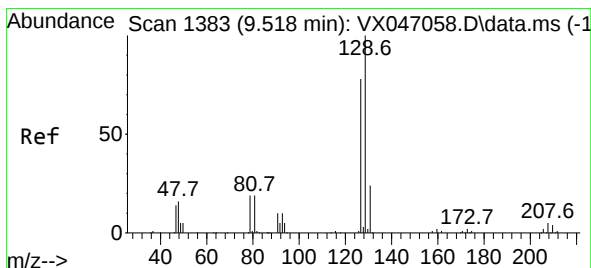
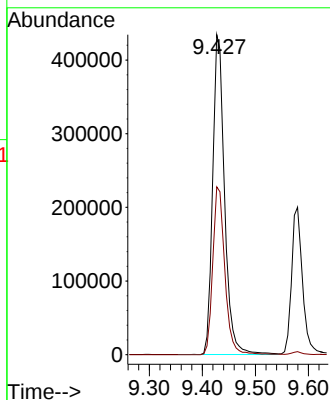
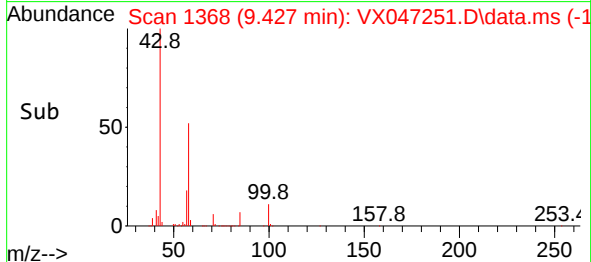
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 677660
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.5

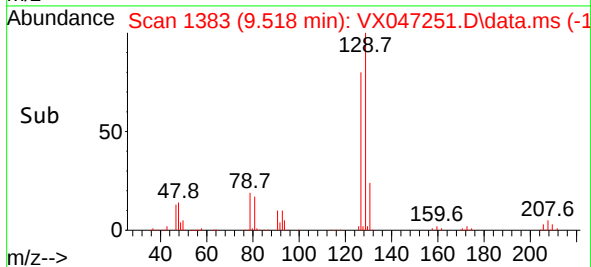
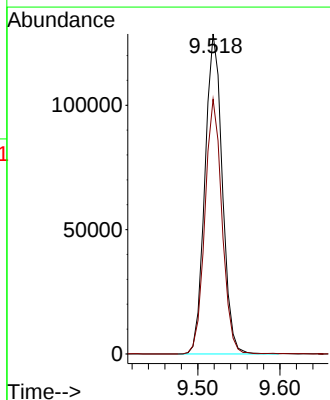
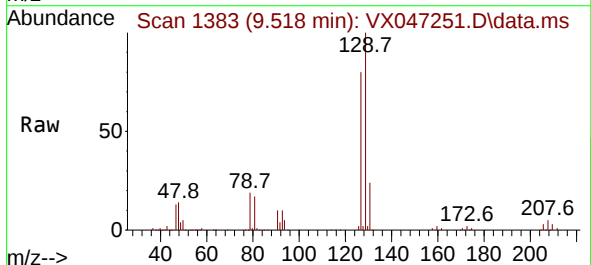
Manual Integrations
APPROVED

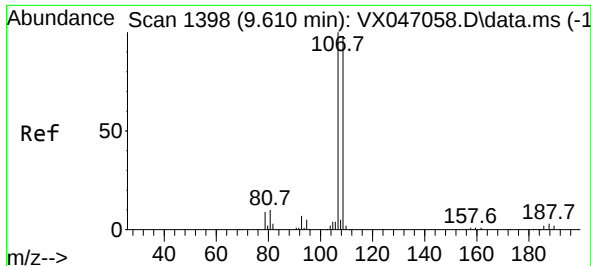
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#60
Dibromochloromethane
Concen: 52.673 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

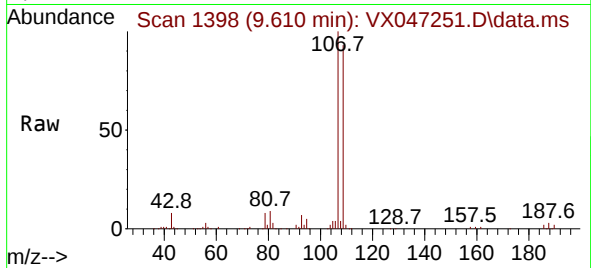
Tgt Ion:129 Resp: 188532
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.539 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

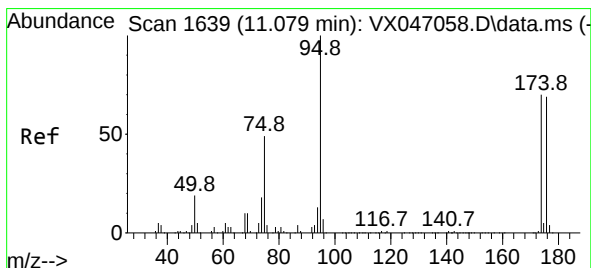
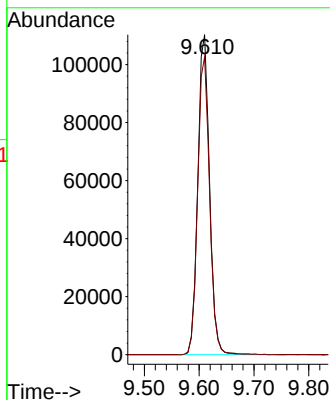
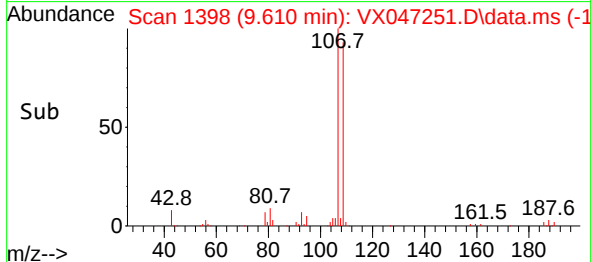
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 16446
Ion Ratio Lower Upper
107 100
109 94.5 74.6 112.0

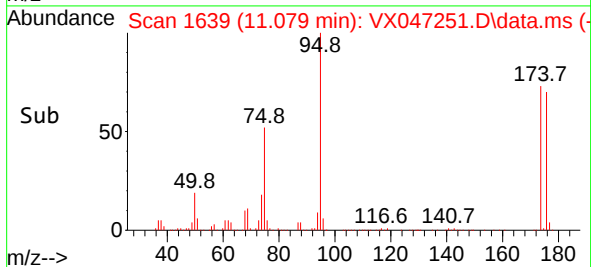
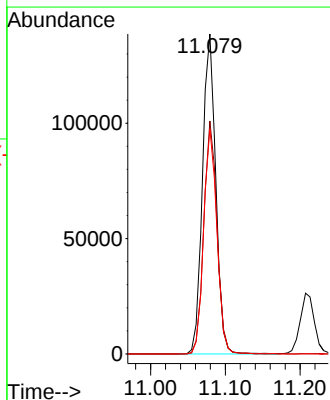
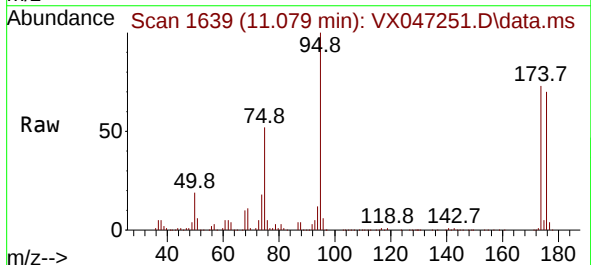
Manual Integrations
APPROVED

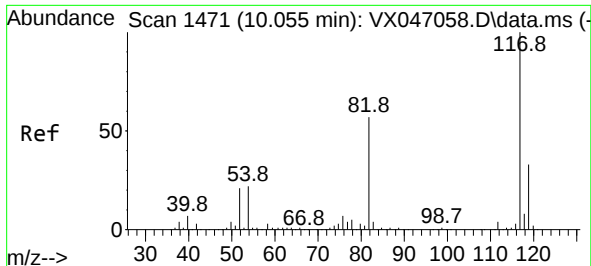
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#62
4-Bromofluorobenzene
Concen: 45.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

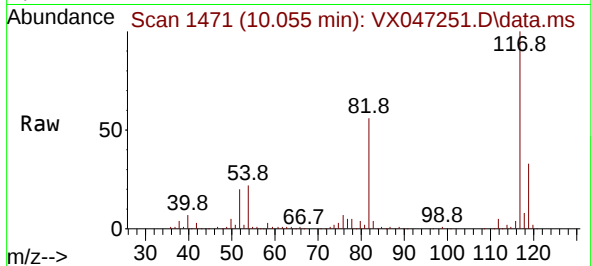
Tgt Ion: 95 Resp: 170972
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 70.0 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

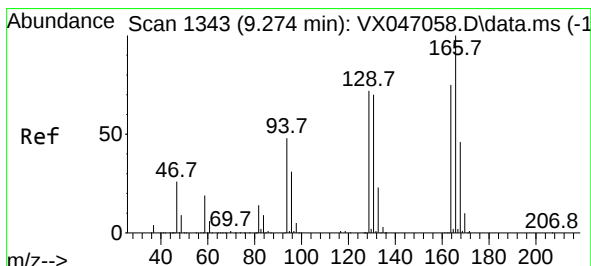
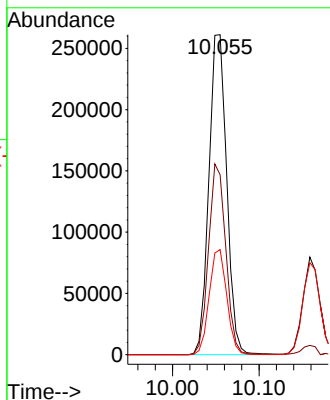
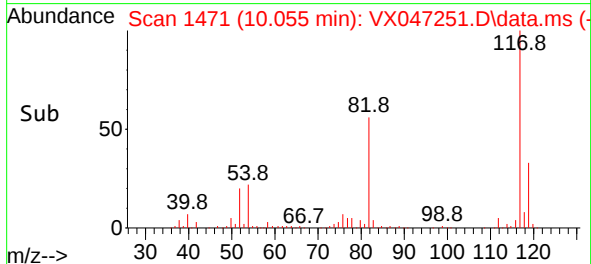
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 37327
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 32.8 26.1 39.1

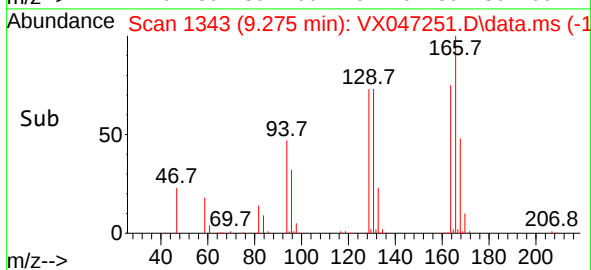
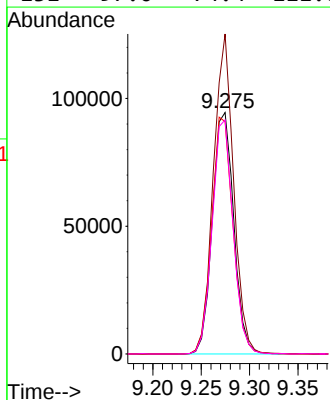
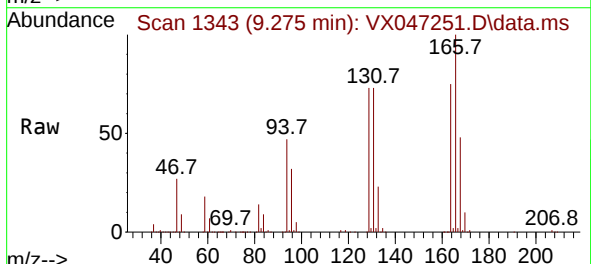
Manual Integrations
APPROVED

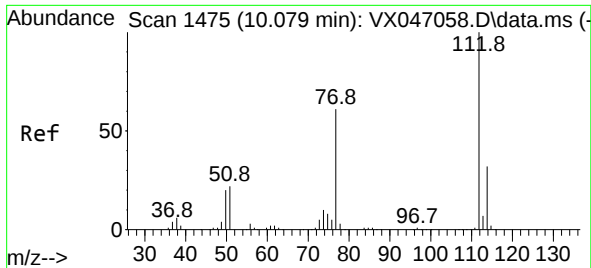
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#64
Tetrachloroethene
Concen: 53.896 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Tgt Ion:164 Resp: 145026
Ion Ratio Lower Upper
164 100
166 132.6 106.2 159.4
129 96.2 76.6 114.8
131 97.0 74.4 111.6





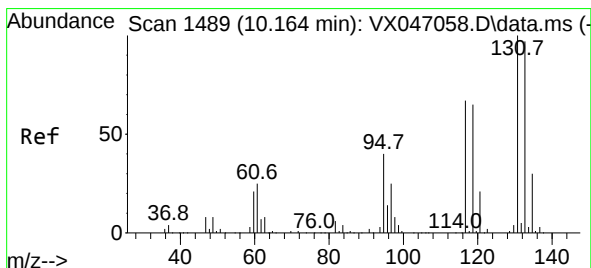
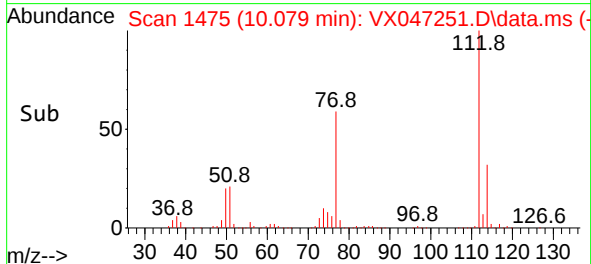
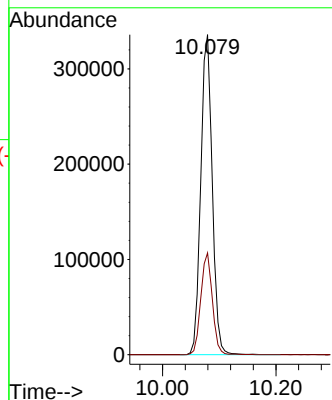
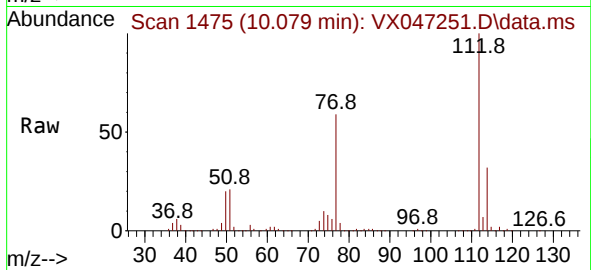
#65
Chlorobenzene
Concen: 53.915 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 47146
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

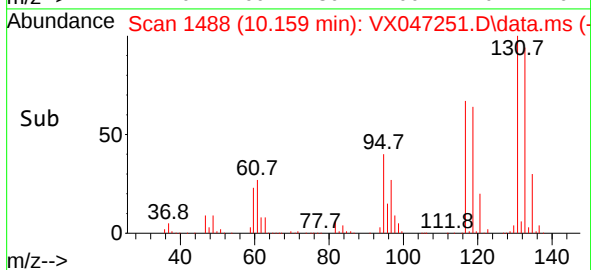
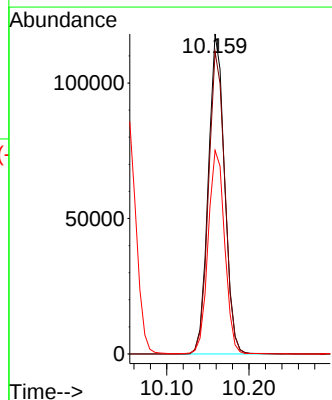
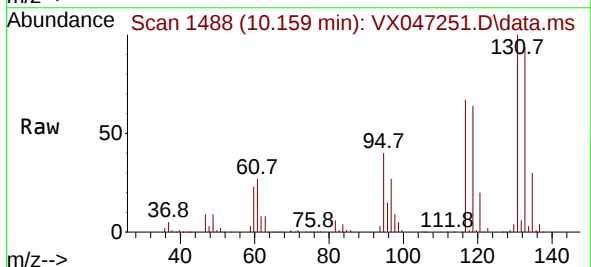
Manual Integrations
APPROVED

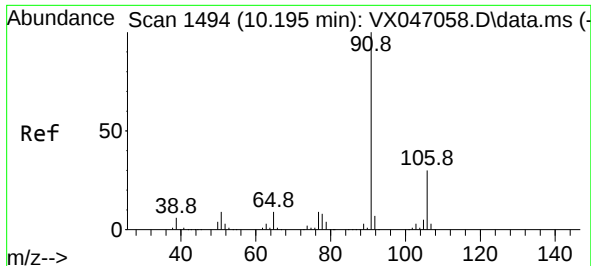
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.036 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Tgt Ion:131 Resp: 162030
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.3
119 64.9 32.4 97.0





#67

Ethyl Benzene

Concen: 54.388 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 831560

Ion Ratio Lower Upper

91 100

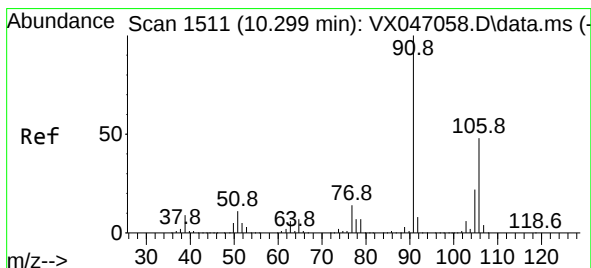
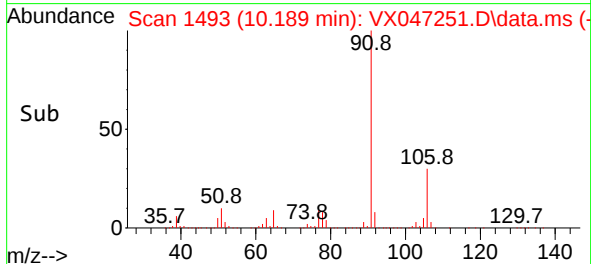
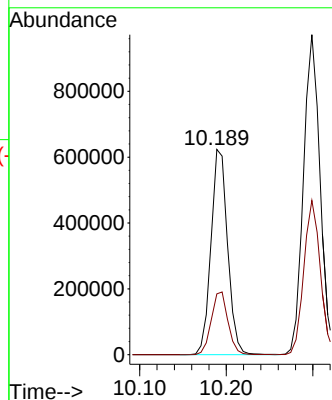
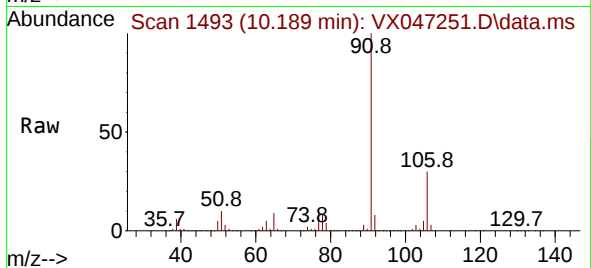
106 29.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#68

m/p-Xylenes

Concen: 108.762 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047251.D

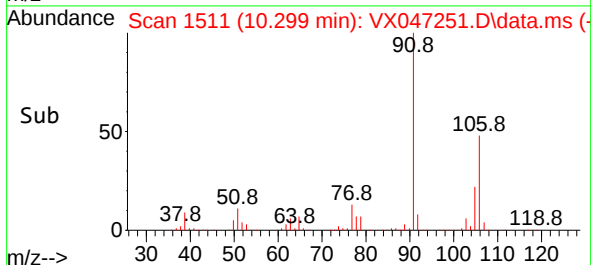
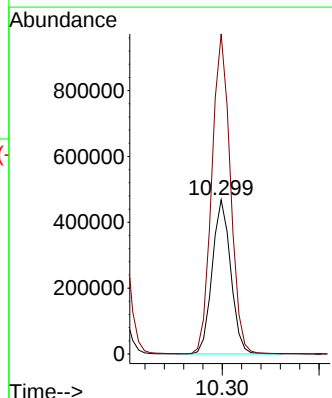
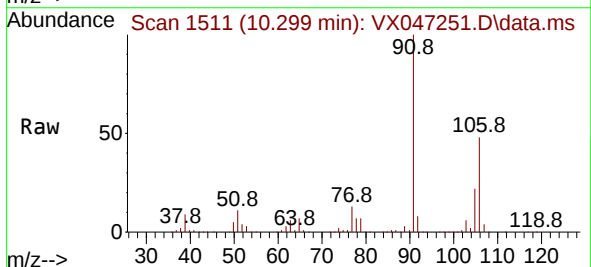
Acq: 07 Aug 2025 10:15

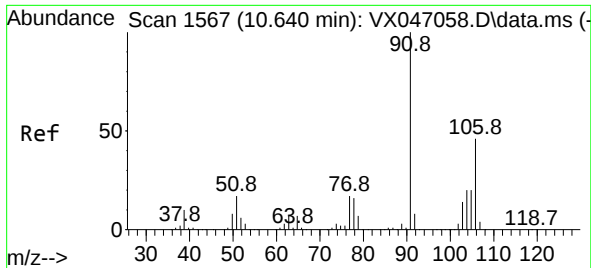
Tgt Ion:106 Resp: 622294

Ion Ratio Lower Upper

106 100

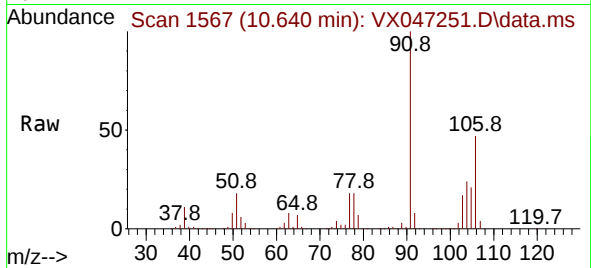
91 208.5 167.4 251.0





#69
o-Xylene
Concen: 55.172 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

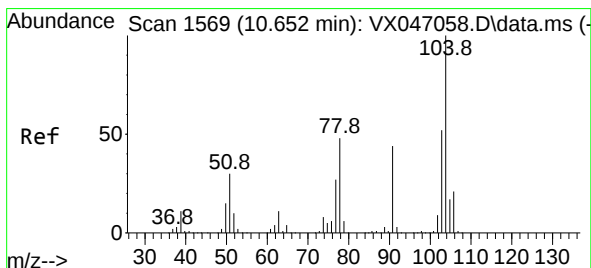
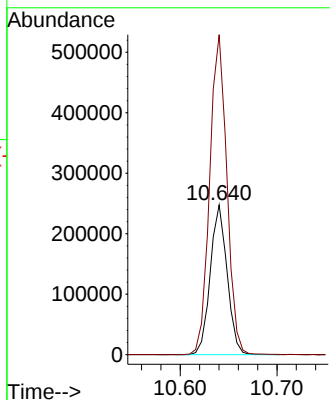
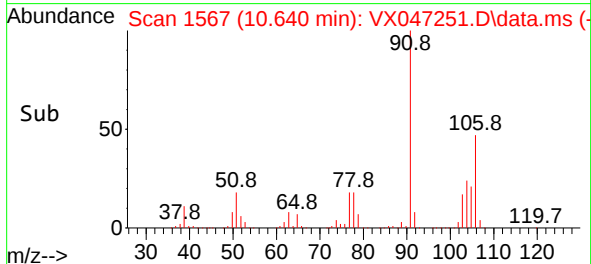
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 300308
Ion Ratio Lower Upper
106 100
91 218.1 110.3 331.0

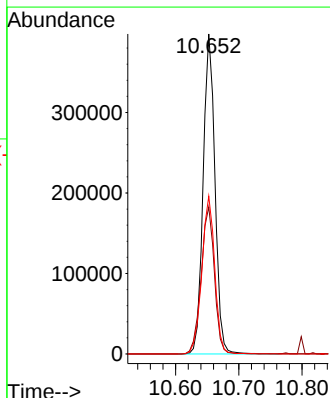
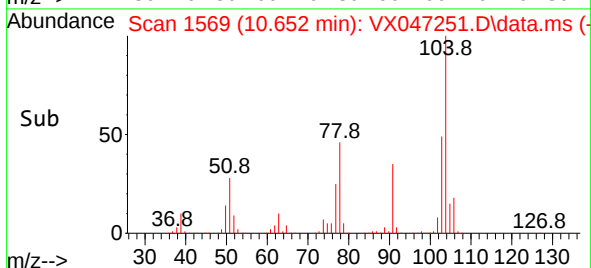
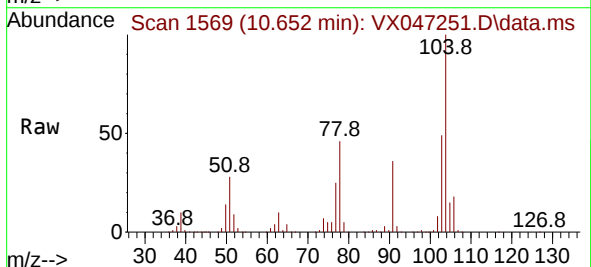
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#70
Styrene
Concen: 55.545 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

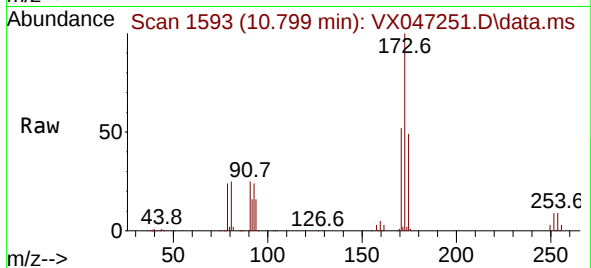
Tgt Ion:104 Resp: 518432
Ion Ratio Lower Upper
104 100
78 51.5 42.0 63.0
103 53.6 43.8 65.6





#71
Bromoform
Concen: 53.091 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

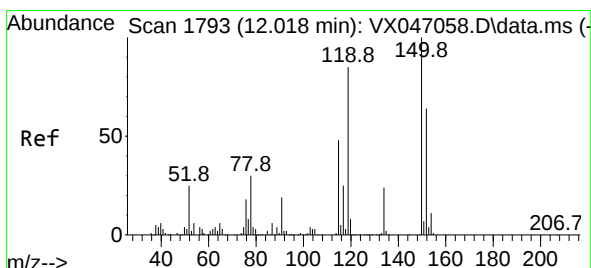
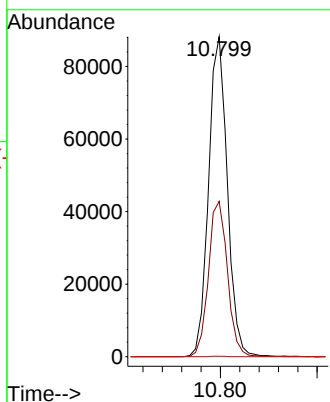
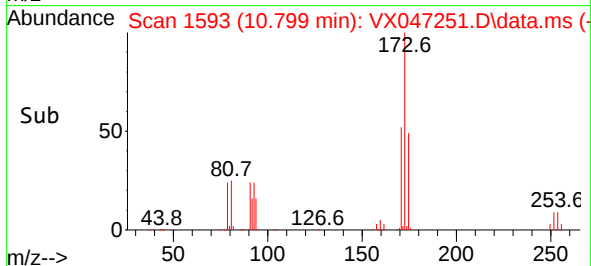
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



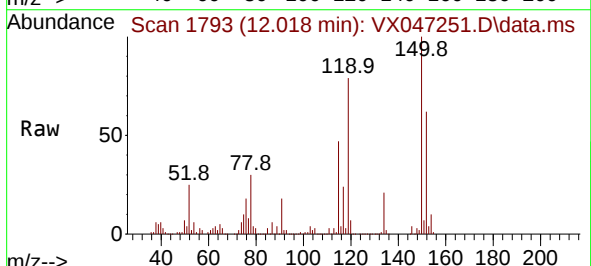
Tgt Ion:173 Resp: 11873
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

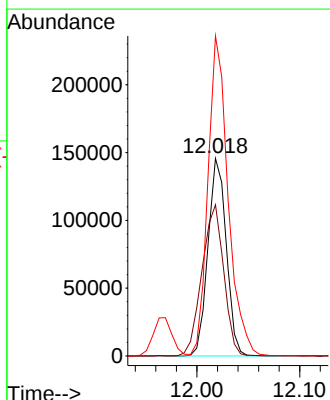
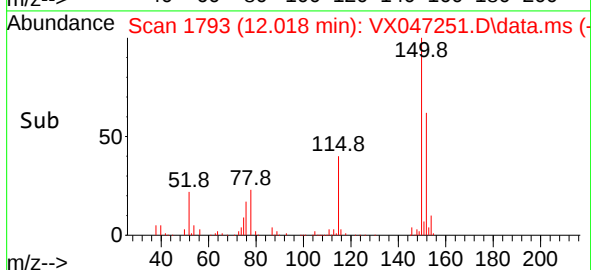
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025

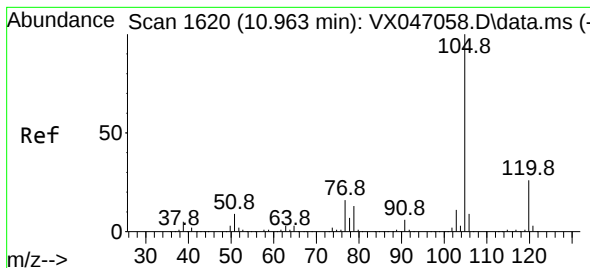


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



Tgt Ion:152 Resp: 180150
Ion Ratio Lower Upper
152 100
115 91.3 45.6 136.7
150 178.2 0.0 354.6





#73

Isopropylbenzene

Concen: 55.471 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 78839

Ion Ratio Lower Upper

105 100

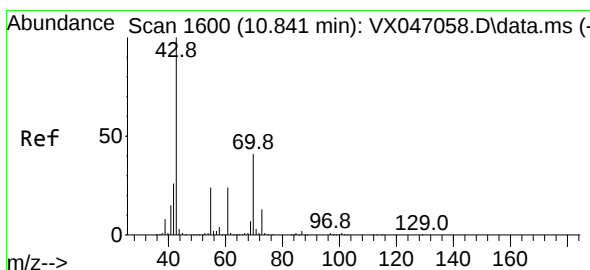
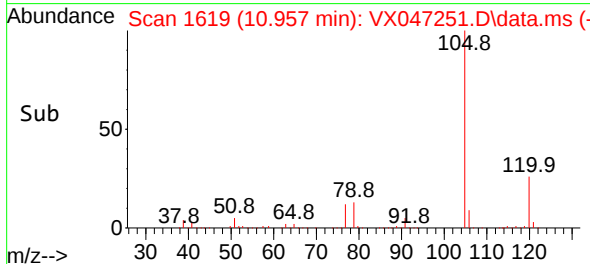
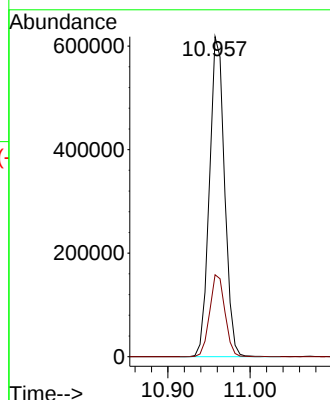
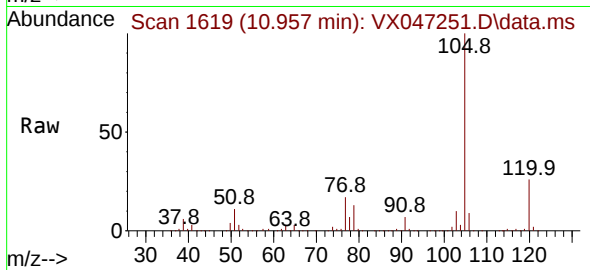
120 25.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#74

N-ethyl acetate

Concen: 53.213 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Tgt Ion: 43 Resp: 305156

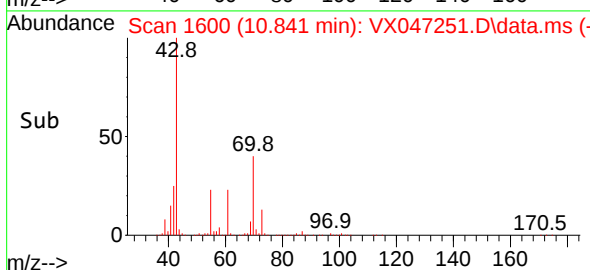
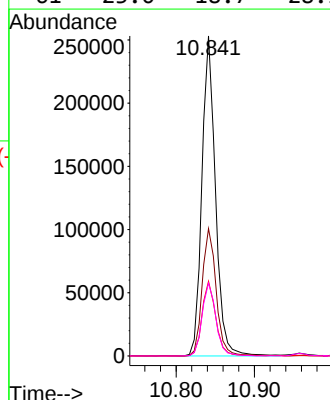
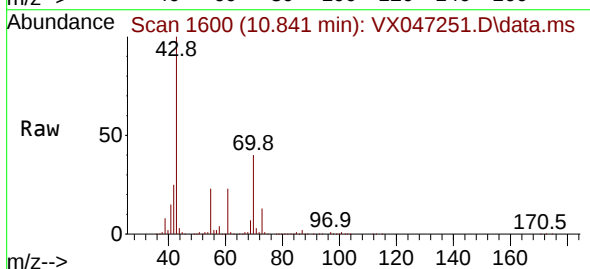
Ion Ratio Lower Upper

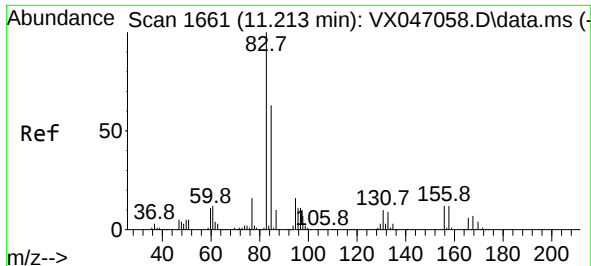
43 100

70 41.2 32.3 48.5

55 23.7 18.9 28.3

61 23.0 18.7 28.1





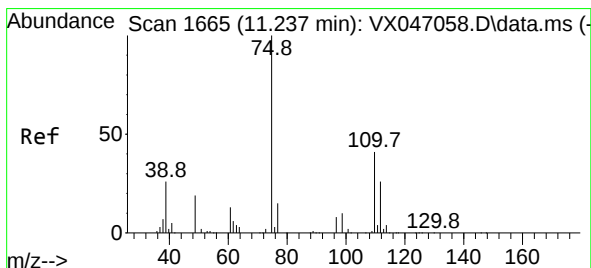
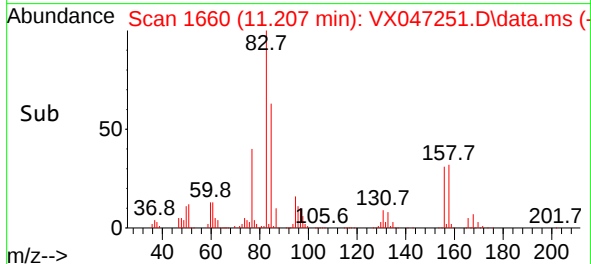
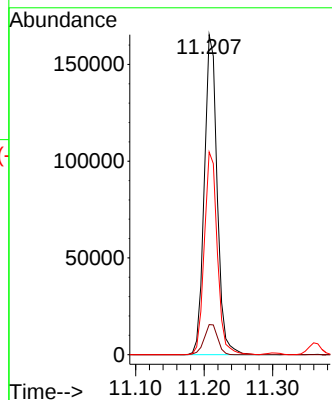
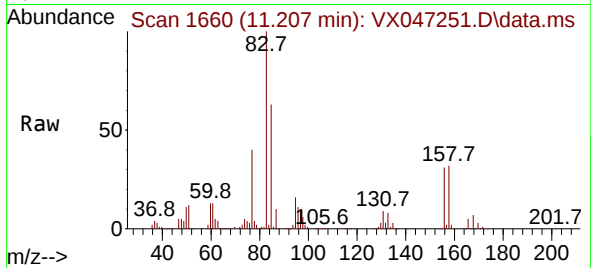
#75
1,1,2,2-Tetrachloroethane
Concen: 53.213 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 216034
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.1 32.0 96.2

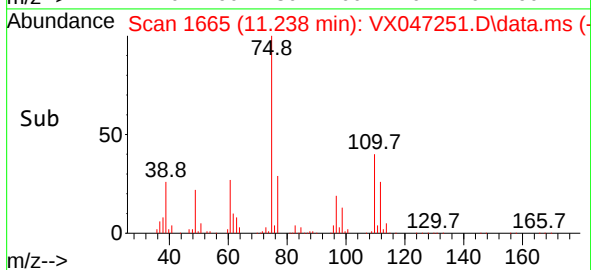
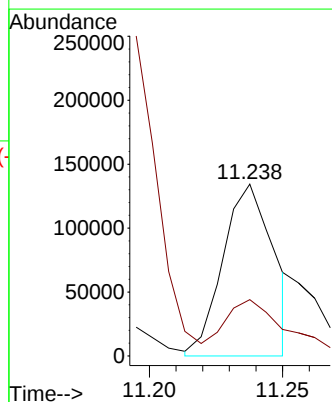
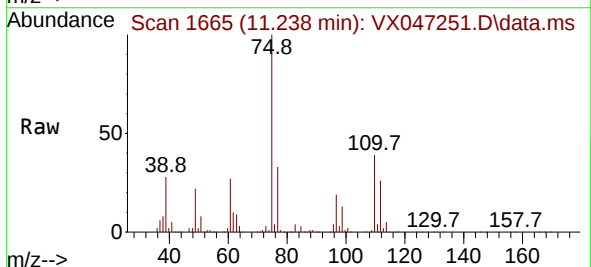
Manual Integrations
APPROVED

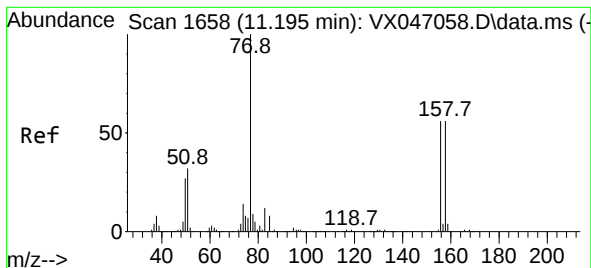
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#76
1,2,3-Trichloropropane
Concen: 53.216 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Tgt Ion: 75 Resp: 177448
Ion Ratio Lower Upper
75 100
77 40.5 21.6 65.0





#77

Bromobenzene

Concen: 53.880 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

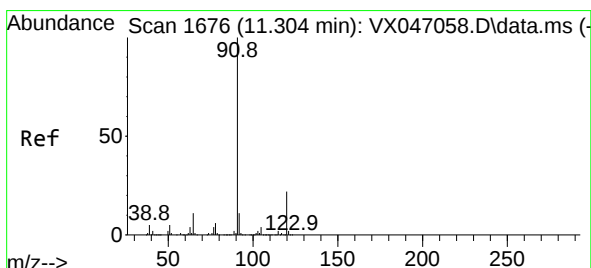
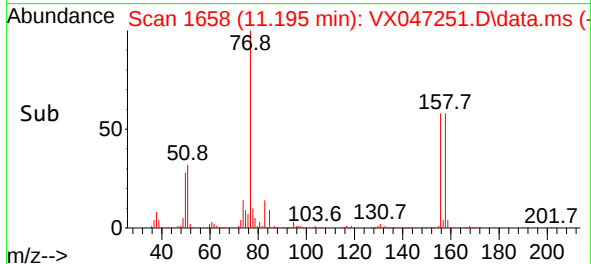
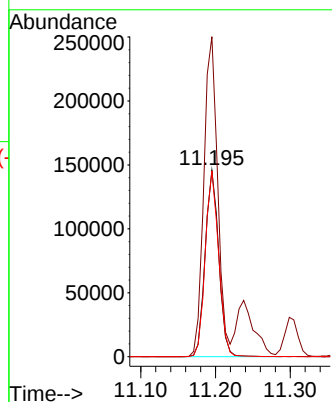
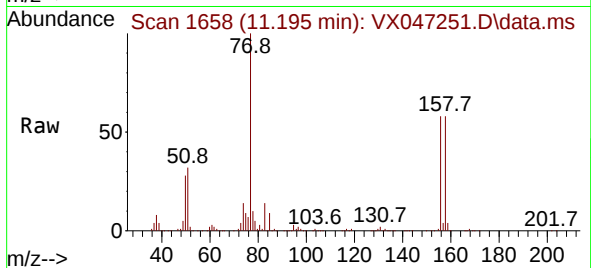
Tgt Ion:	156	Resp:	183679
Ion Ratio	Lower	Upper	
156	100		
77	175.0	87.3	261.9
158	98.7	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#78

n-propylbenzene

Concen: 55.157 ug/l

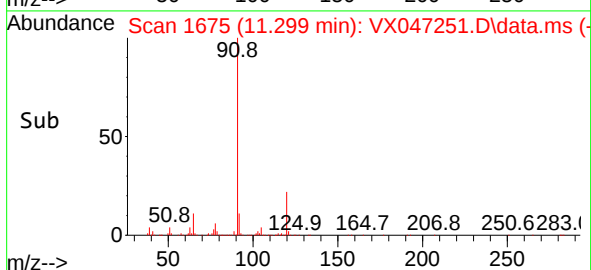
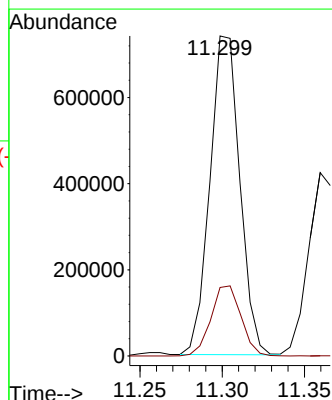
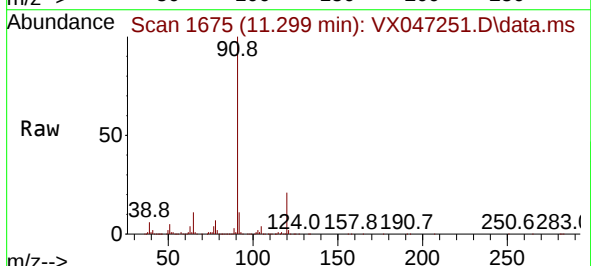
RT: 11.299 min Scan# 1675

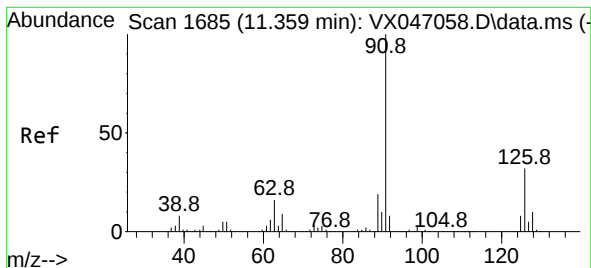
Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Tgt Ion:	91	Resp:	936786
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.0	33.0





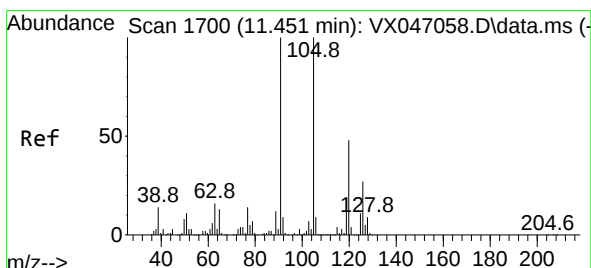
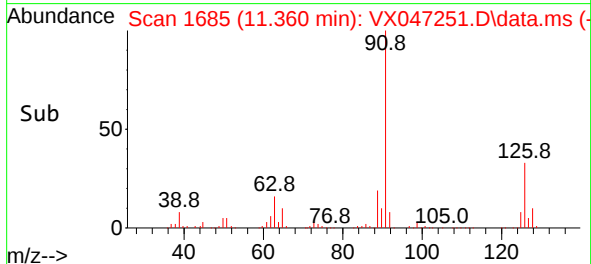
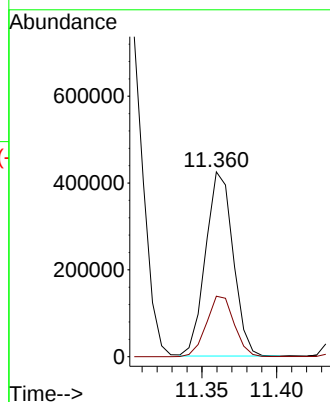
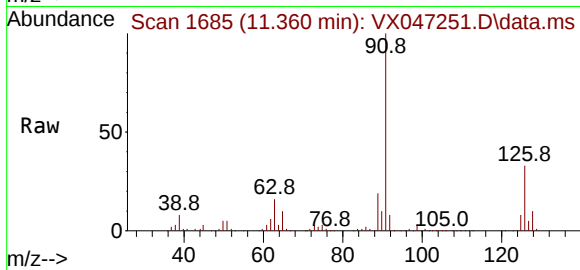
#79
2-Chlorotoluene
Concen: 53.560 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 54376
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.4

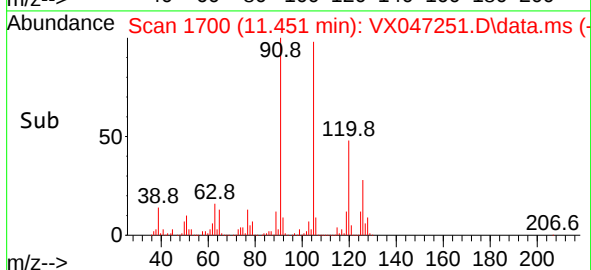
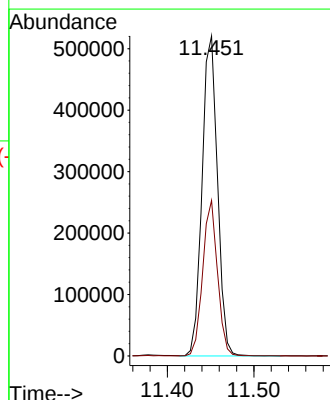
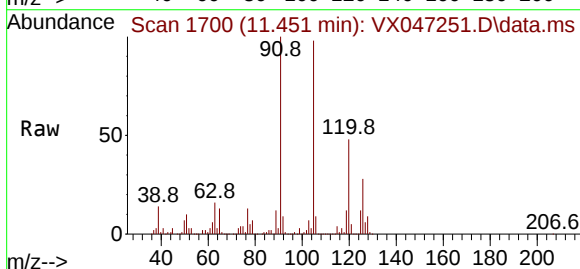
Manual Integrations
APPROVED

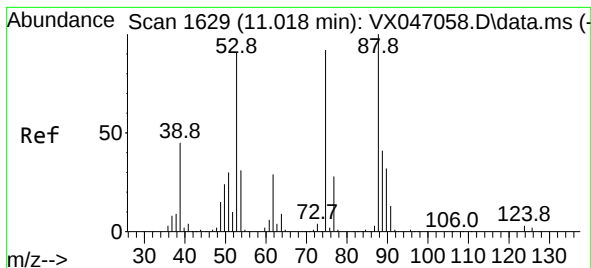
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.846 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

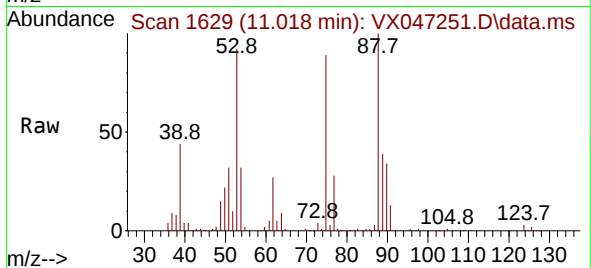
Tgt Ion:105 Resp: 643990
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 42.037 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

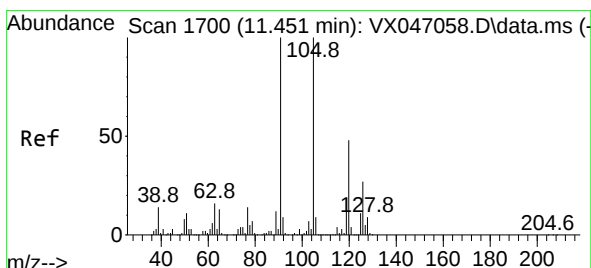
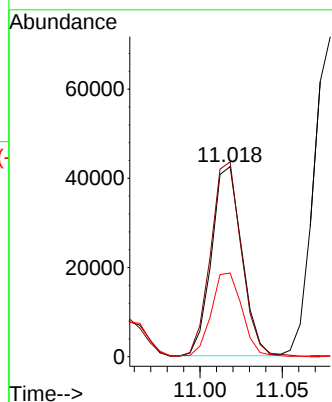
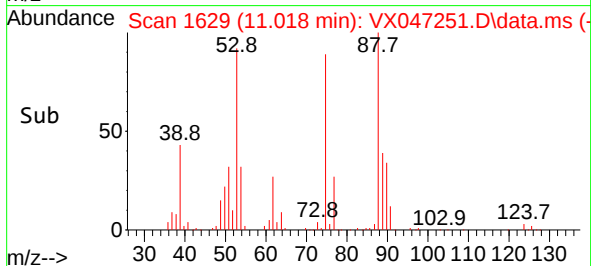
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 54400
Ion Ratio Lower Upper
75 100
53 104.3 84.2 126.4
89 45.2 36.0 54.0

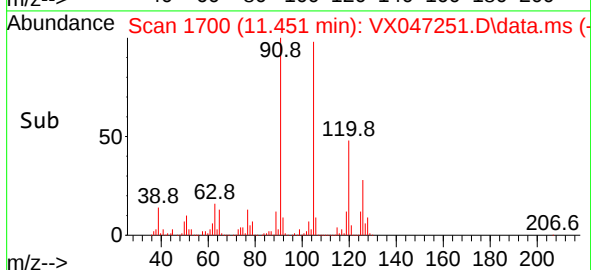
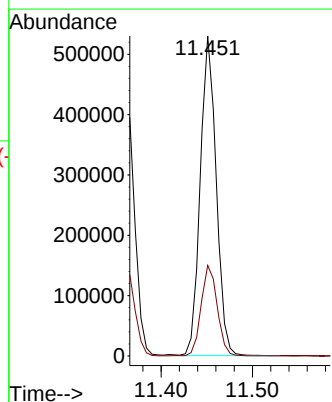
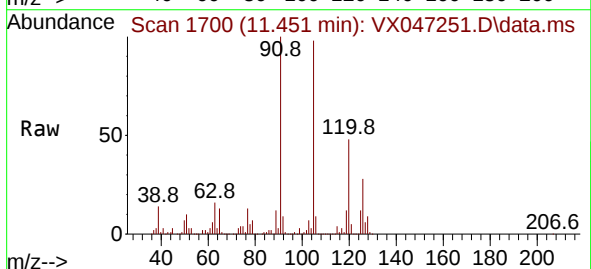
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#82
4-Chlorotoluene
Concen: 54.144 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

Tgt Ion: 91 Resp: 641613
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.3





#83

tert-Butylbenzene

Concen: 54.573 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 643150

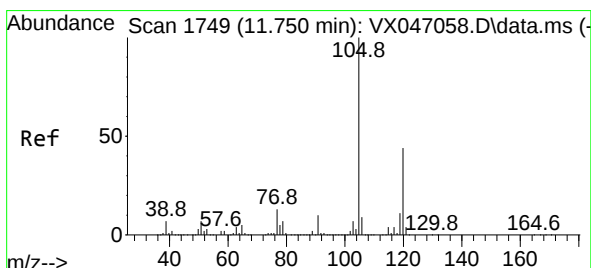
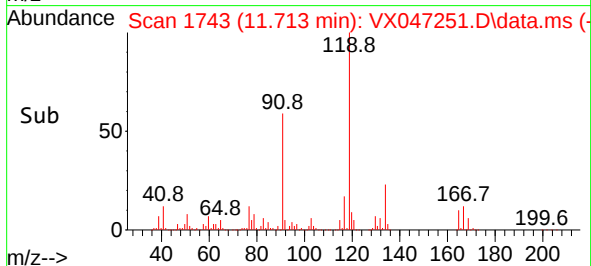
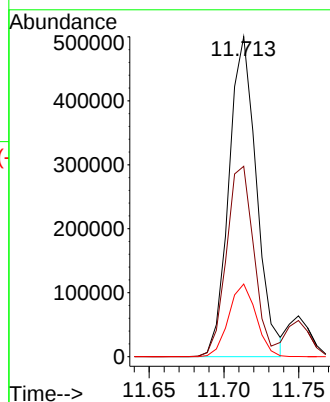
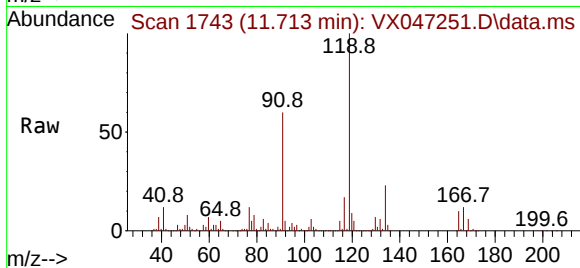
Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.6	88.8
134	22.5	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.922 ug/l

RT: 11.750 min Scan# 1749

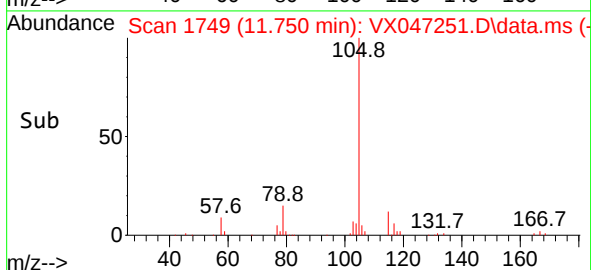
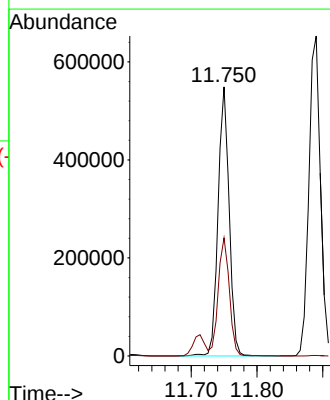
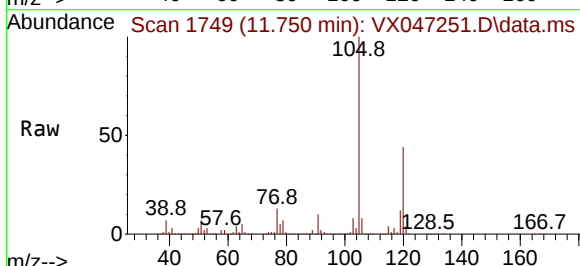
Delta R.T. 0.000 min

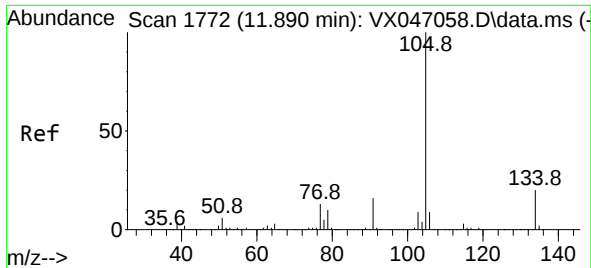
Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Tgt Ion:105 Resp: 643223

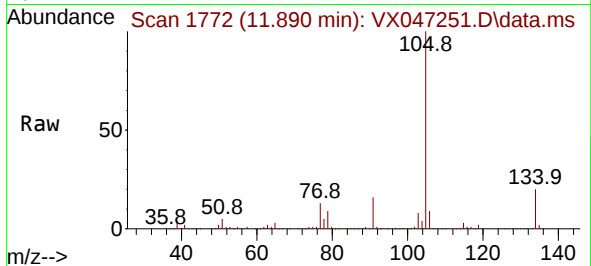
Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 54.074 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15

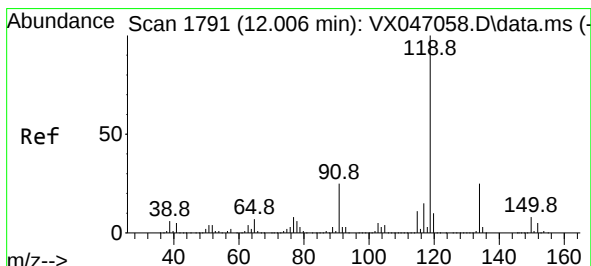
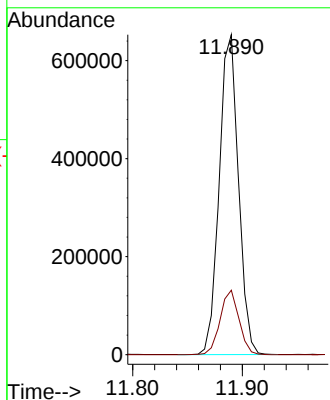
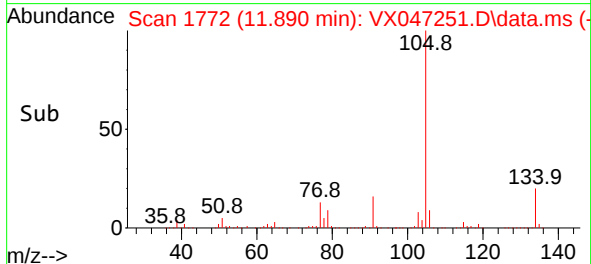
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



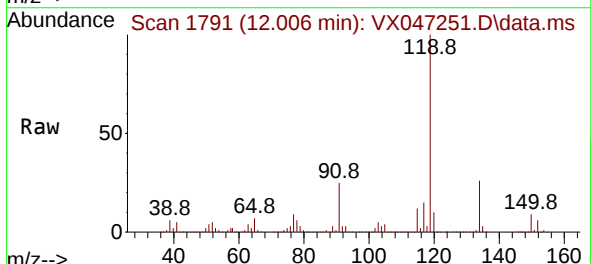
Tgt Ion:105 Resp: 796254
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

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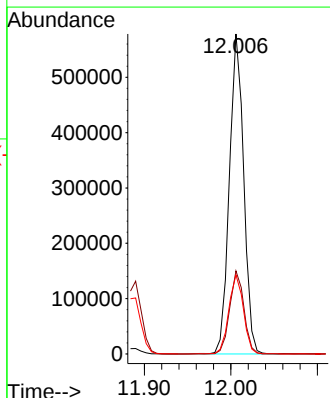
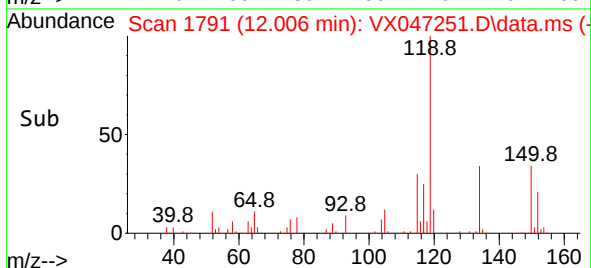
Reviewed By :John Carlone 08/08/2025
 Supervised By :Mahesh Dadoda 08/08/2025

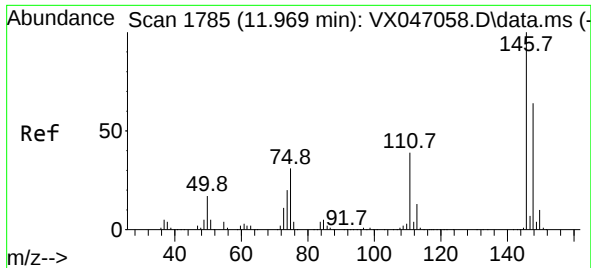


#86
 p-Isopropyltoluene
 Concen: 54.393 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047251.D
 Acq: 07 Aug 2025 10:15



Tgt Ion:119 Resp: 664203
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.614 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 34079

Ion Ratio Lower Upper

146 100

111 43.1 21.0 63.0

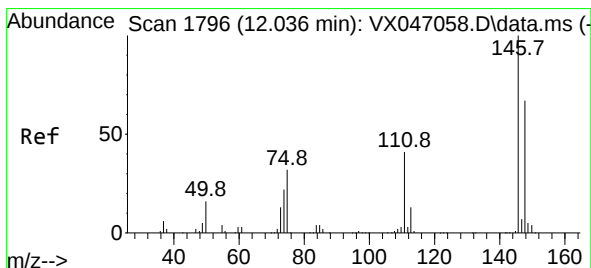
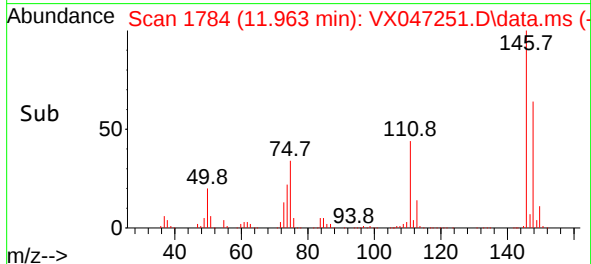
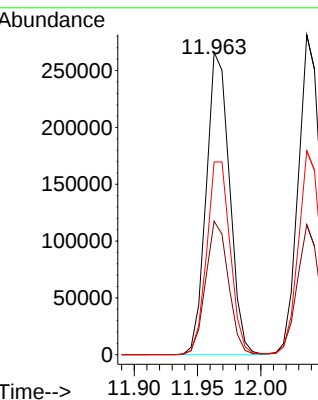
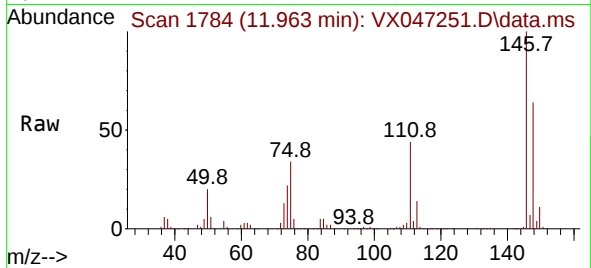
148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#88

1,4-Dichlorobenzene

Concen: 52.811 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

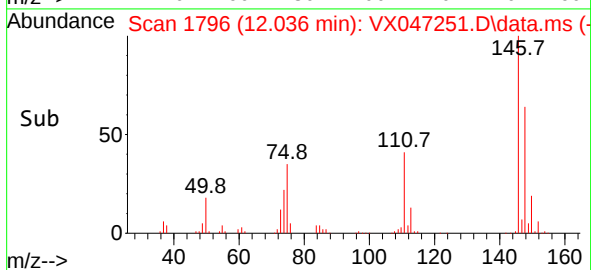
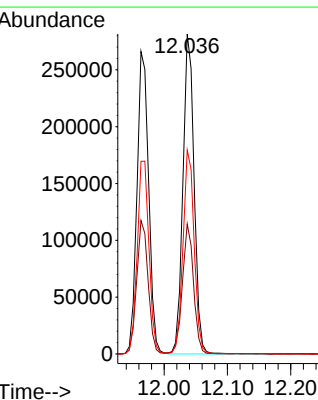
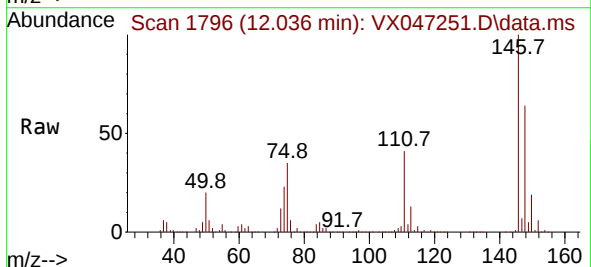
Tgt Ion:146 Resp: 346568

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

148 63.5 33.0 98.9





#89

n-Butylbenzene

Concen: 54.242 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047251.D

Acq: 07 Aug 2025 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 62116

Ion Ratio Lower Upper

91 100

92 54.1 27.5 82.5

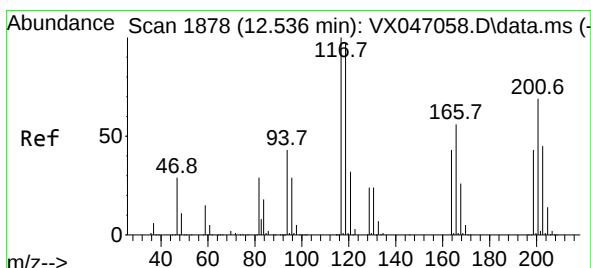
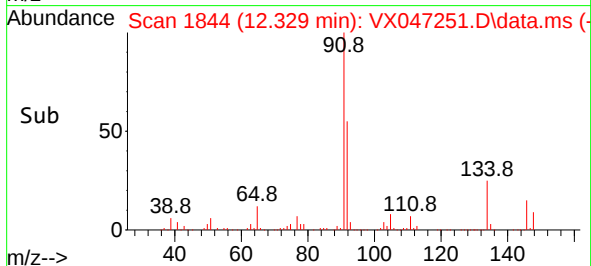
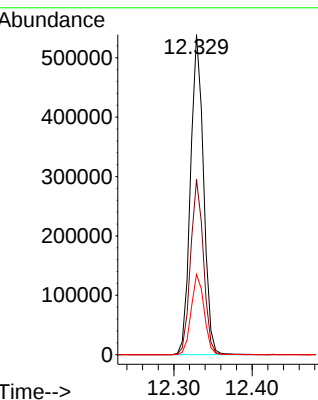
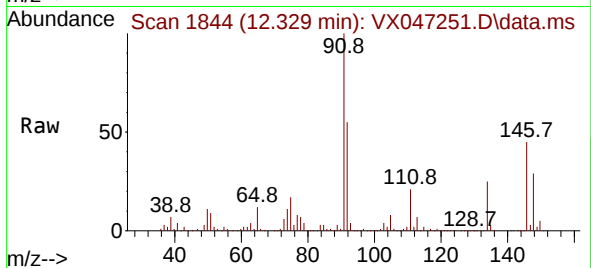
134 25.1 12.8 38.3

Manual Integrations

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Reviewed By :John Carlone 08/08/2025

Supervised By :Mahesh Dadoda 08/08/2025



#90

Hexachloroethane

Concen: 53.943 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047251.D

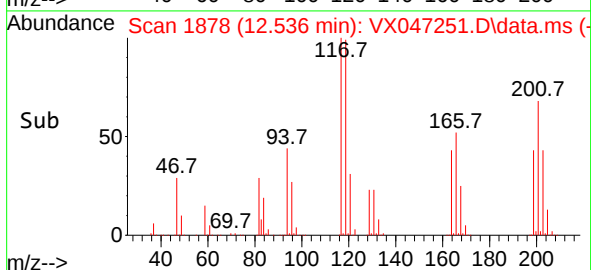
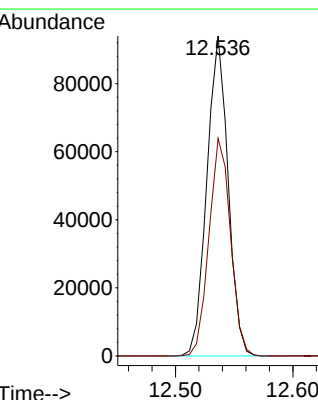
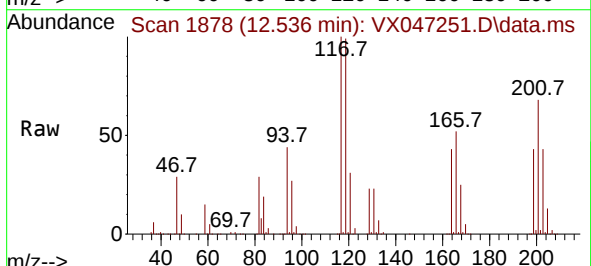
Acq: 07 Aug 2025 10:15

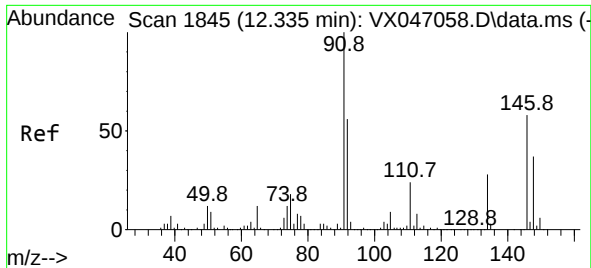
Tgt Ion:117 Resp: 117840

Ion Ratio Lower Upper

117 100

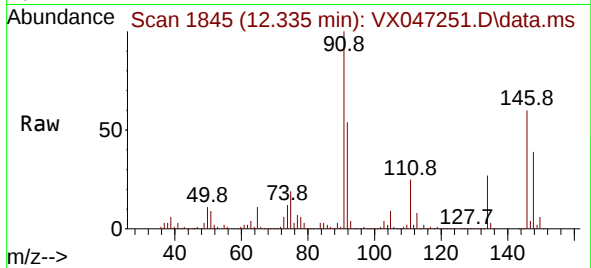
201 69.3 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 52.819 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

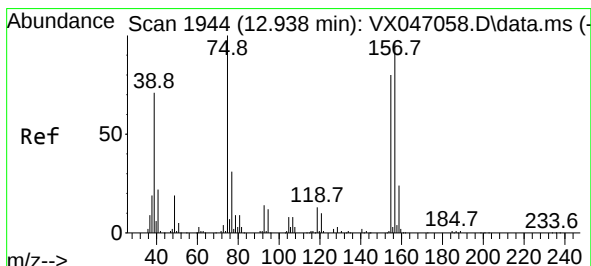
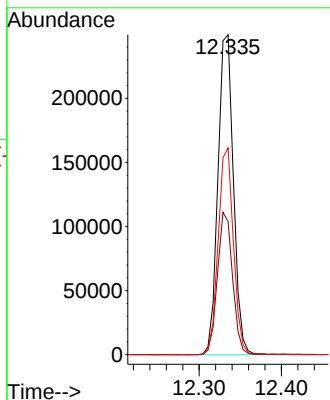
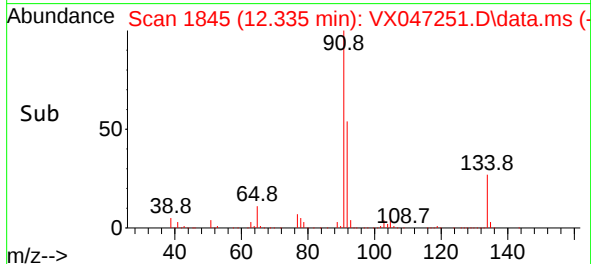
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



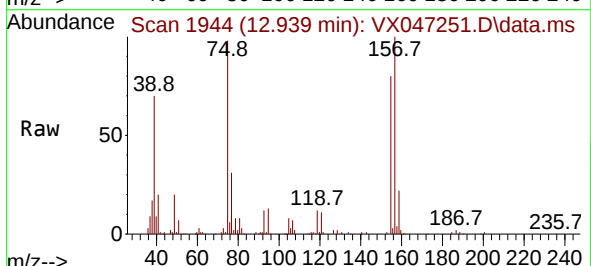
Tgt Ion:146 Resp: 32698
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.6 31.9 95.7

Manual Integrations
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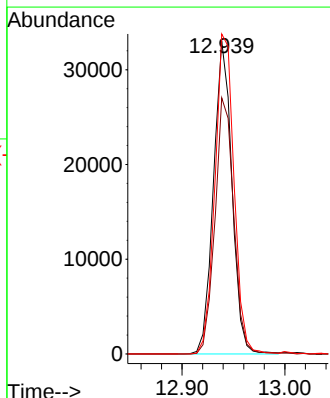
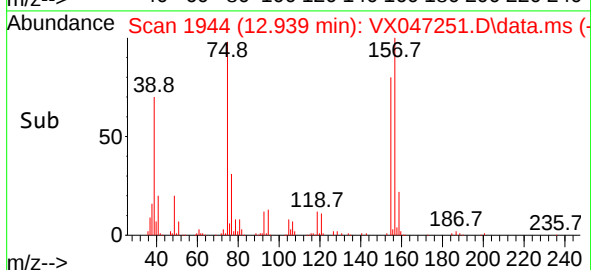
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025

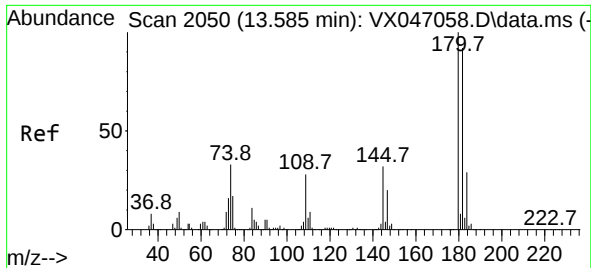


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.698 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



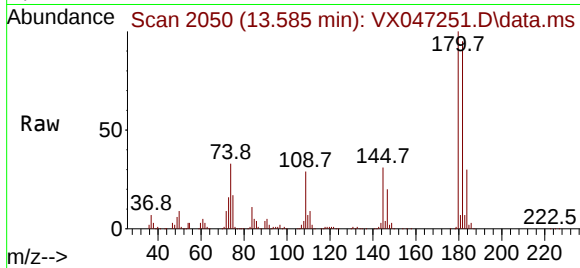
Tgt Ion: 75 Resp: 41067
Ion Ratio Lower Upper
75 100
155 83.4 41.3 124.1
157 106.0 52.8 158.3





#93
1,2,4-Trichlorobenzene
Concen: 51.832 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

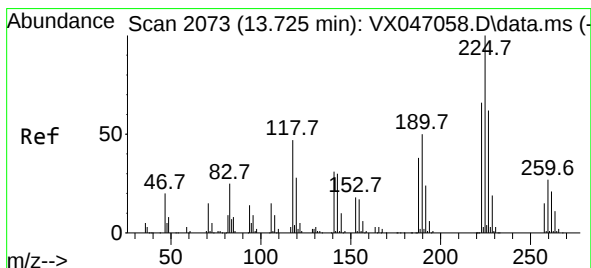
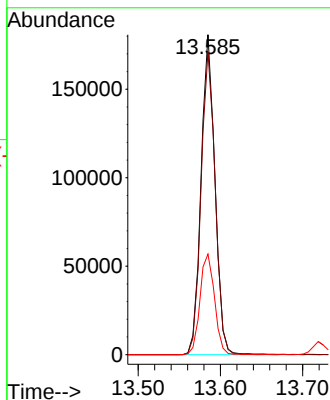
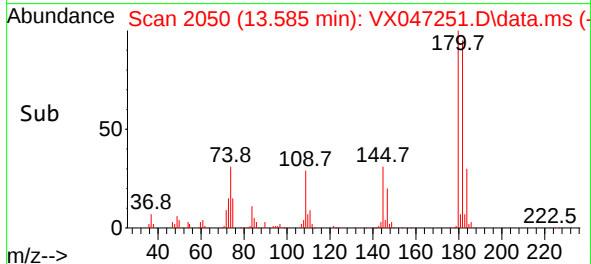
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 21200
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.8
145 32.9 16.4 49.1

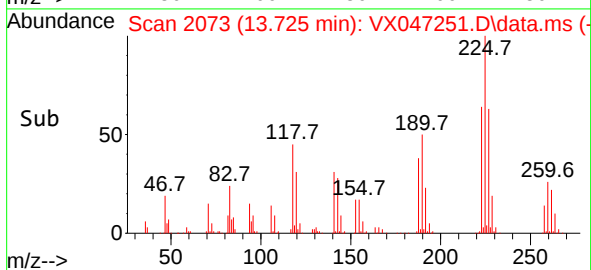
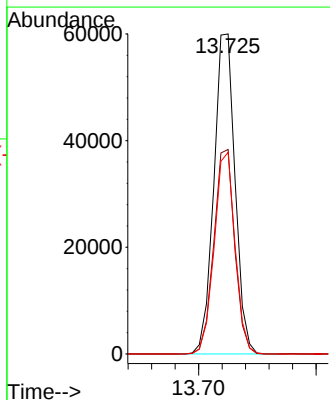
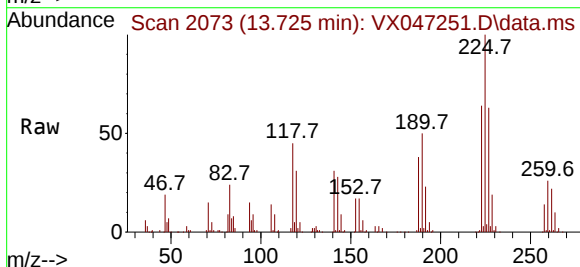
Manual Integrations
APPROVED

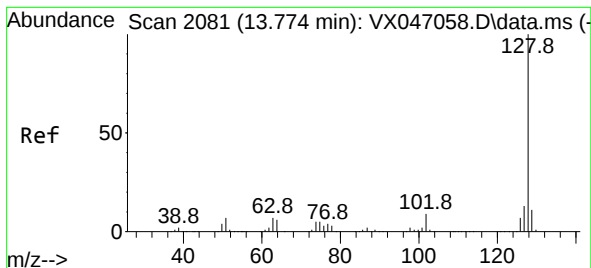
Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#94
Hexachlorobutadiene
Concen: 54.104 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

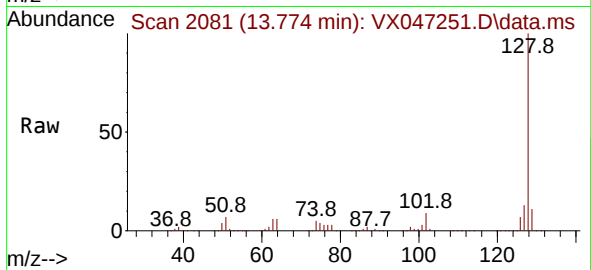
Tgt Ion:225 Resp: 75260
Ion Ratio Lower Upper
225 100
223 63.0 31.6 95.0
227 61.9 32.9 98.6





#95
Naphthalene
Concen: 53.347 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15

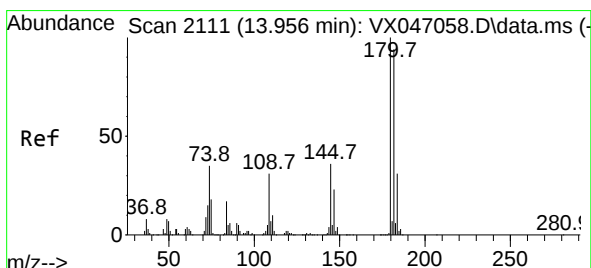
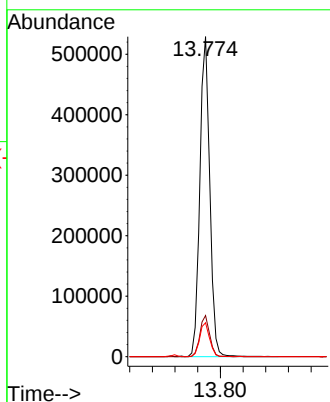
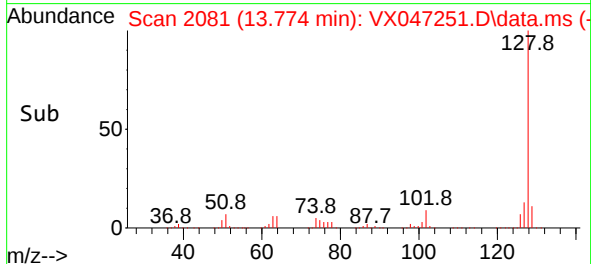
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



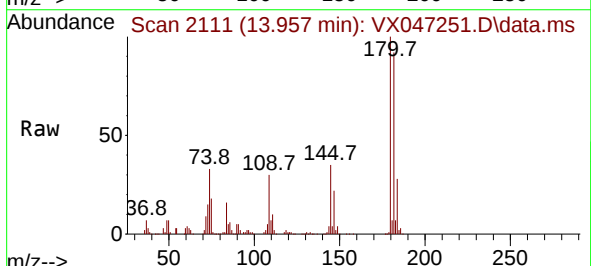
Tgt Ion:128 Resp: 639669
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/08/2025
Supervised By :Mahesh Dadoda 08/08/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.066 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047251.D
Acq: 07 Aug 2025 10:15



Tgt Ion:180 Resp: 205163
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.6
145 34.3 17.3 52.0

