

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047227.D
 Acq On : 04 Aug 2025 16:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 02:59:30 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	5.556	168	255855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	430320	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	379663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	182434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169715	53.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.500%			
35) Dibromofluoromethane	5.385	113	147427	55.488	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	8.647	98	433439	50.374	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	198123	53.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	159062	46.805	ug/l	99
3) Chloromethane	1.313	50	141474	42.085	ug/l	97
4) Vinyl Chloride	1.392	62	175929	48.685	ug/l	97
5) Bromomethane	1.630	94	86272	43.950	ug/l	99
6) Chloroethane	1.703	64	100780	42.463	ug/l	95
7) Trichlorofluoromethane	1.904	101	263939	48.983	ug/l	98
8) Diethyl Ether	2.142	74	92908	48.902	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	156311	48.149	ug/l	100
10) Methyl Iodide	2.465	142	206429	62.392	ug/l	98
11) Tert butyl alcohol	2.953	59	80994	215.991	ug/l	99
12) 1,1-Dichloroethene	2.337	96	149746	46.572	ug/l	99
13) Acrolein	2.246	56	144188	210.110	ug/l	99
14) Allyl chloride	2.678	41	251478	43.267	ug/l	95
15) Acrylonitrile	3.075	53	354478	233.204	ug/l	99
16) Acetone	2.386	43	293609	229.961	ug/l	97
17) Carbon Disulfide	2.526	76	376244	40.448	ug/l	99
18) Methyl Acetate	2.709	43	194903	57.443	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	487448	49.813	ug/l	100
20) Methylene Chloride	2.800	84	165444	47.101	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	154203	46.866	ug/l	94
22) Diisopropyl ether	3.764	45	561242	50.225	ug/l	92
23) Vinyl Acetate	3.727	43	2166191	241.689	ug/l	99
24) 1,1-Dichloroethane	3.617	63	303771	48.886	ug/l	99
25) 2-Butanone	4.556	43	409598	220.321	ug/l	97
26) 2,2-Dichloropropane	4.483	77	226065	46.997	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	187595	48.147	ug/l	99
28) Bromochloromethane	4.898	49	147186	51.486	ug/l	100
29) Tetrahydrofuran	5.013	42	250595	208.913	ug/l	97
30) Chloroform	5.093	83	305878	48.358	ug/l	99
31) Cyclohexane	5.477	56	256406	43.035	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	265096	48.251	ug/l	99
36) 1,1-Dichloropropene	5.696	75	203560	44.946	ug/l	99
37) Ethyl Acetate	4.715	43	190006	45.529	ug/l	98
38) Carbon Tetrachloride	5.678	117	227302	47.023	ug/l	97
39) Methylcyclohexane	7.379	83	244304	43.204	ug/l	98
40) Benzene	6.038	78	619489	47.264	ug/l	99

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 05 02:59:30 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

Manual Integrations
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 Supervised By : Mahesh Dadoda 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	96731	44.330	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	223894	48.493	ug/l	99
43) Isopropyl Acetate	6.336	43	314705	48.372	ug/l	100
44) Trichloroethene	7.123	130	153538	45.682	ug/l	99
45) 1,2-Dichloropropane	7.428	63	158131	48.171	ug/l	97
46) Dibromomethane	7.580	93	110771	48.119	ug/l	100
47) Bromodichloromethane	7.818	83	241015	49.188	ug/l	98
48) Methyl methacrylate	7.690	41	160557	45.301	ug/l	99
49) 1,4-Dioxane	7.726	88	35039	869.215	ug/l #	73
51) 4-Methyl-2-Pentanone	8.568	43	888499	229.760	ug/l	99
52) Toluene	8.714	92	382530	47.465	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	221522	47.876	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	242506	47.887	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	145907	48.275	ug/l	98
56) Ethyl methacrylate	9.110	69	223496	49.950	ug/l	99
57) 1,3-Dichloropropane	9.305	76	245885	46.810	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	591143	237.421	ug/l	100
59) 2-Hexanone	9.427	43	595942	233.255	ug/l	100
60) Dibromochloromethane	9.519	129	173879	49.053	ug/l	100
61) 1,2-Dibromoethane	9.604	107	146504	46.358	ug/l	100
64) Tetrachloroethene	9.269	164	122197	44.647	ug/l	96
65) Chlorobenzene	10.073	112	419332	47.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	147220	49.163	ug/l	98
67) Ethyl Benzene	10.189	91	743192	47.790	ug/l	100
68) m/p-Xylenes	10.299	106	548118	94.185	ug/l	100
69) o-Xylene	10.640	106	267557	48.328	ug/l	99
70) Styrene	10.653	104	459653	48.418	ug/l	100
71) Bromoform	10.793	173	108908	47.878	ug/l #	100
73) Isopropylbenzene	10.957	105	701038	48.707	ug/l	100
74) N-amyl acetate	10.842	43	276893	47.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	195819	47.630	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	161315m	47.772	ug/l	
77) Bromobenzene	11.195	156	167836	48.617	ug/l	99
78) n-propylbenzene	11.299	91	837135	48.673	ug/l	100
79) 2-Chlorotoluene	11.360	91	495333	48.178	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	577125	48.536	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	45230	34.510	ug/l	99
82) 4-Chlorotoluene	11.451	91	575520	47.958	ug/l	98
83) tert-Butylbenzene	11.713	119	590049	49.440	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	579399	48.853	ug/l	100
85) sec-Butylbenzene	11.884	105	720237	48.299	ug/l	100
86) p-Isopropyltoluene	12.006	119	601501	48.641	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	314086	47.883	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	309864	46.627	ug/l	98
89) n-Butylbenzene	12.329	91	558709	48.178	ug/l	99
90) Hexachloroethane	12.536	117	109173	49.350	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	297837	47.508	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37596	47.640	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	198004	47.803	ug/l	100
94) Hexachlorobutadiene	13.719	225	69606	49.413	ug/l	98
95) Naphthalene	13.774	128	589946	48.584	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	190659	47.780	ug/l	99

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

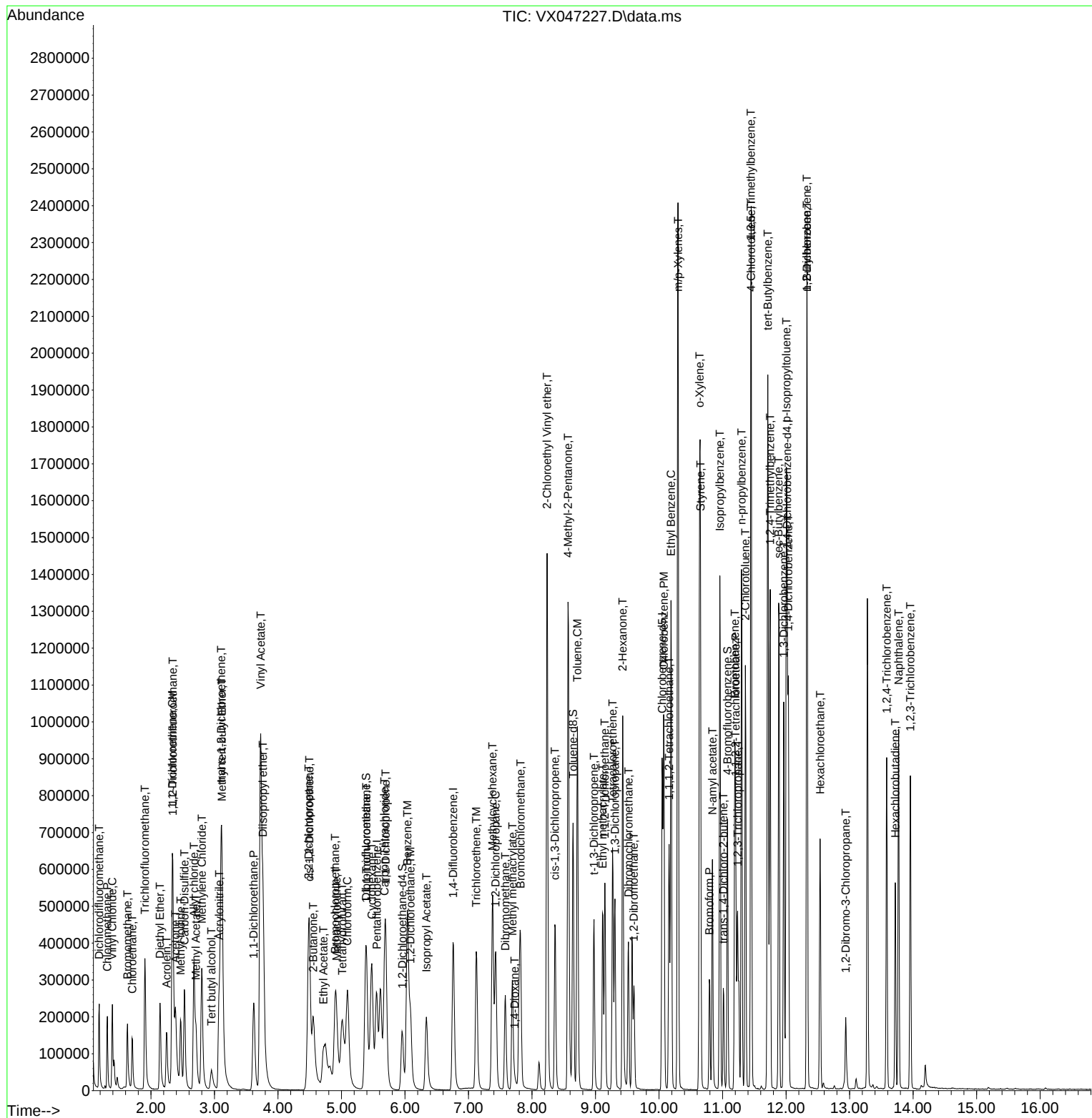
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Instrument :
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Manual Integrations APPROVED

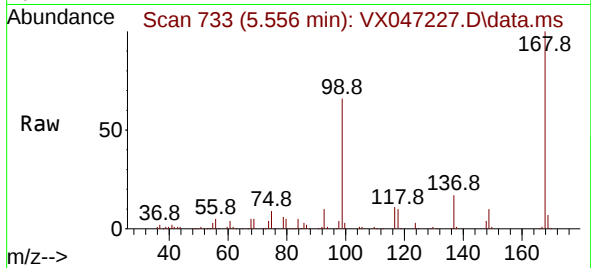
Reviewed By : John Carlone 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

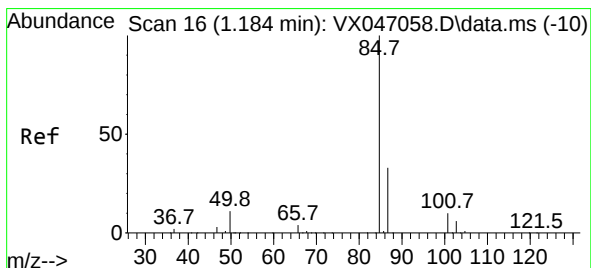
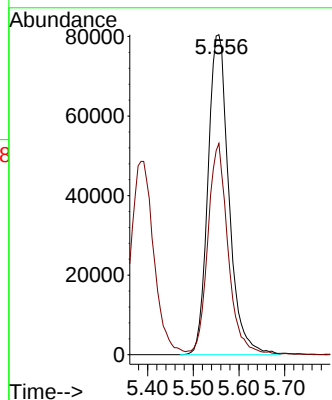
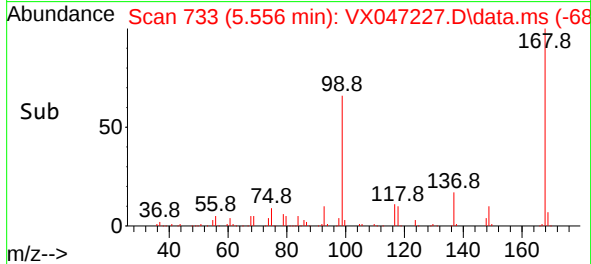
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 25585
Ion Ratio Lower Upper
168 100
99 65.7 48.0 72.0

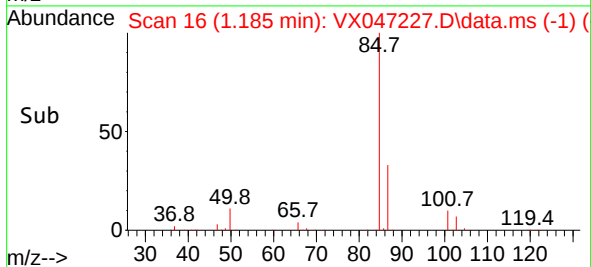
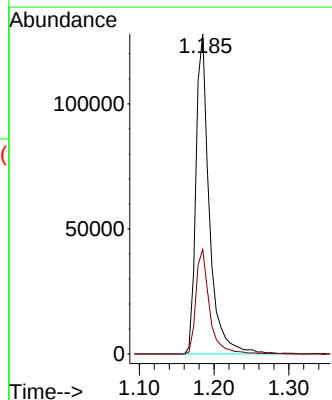
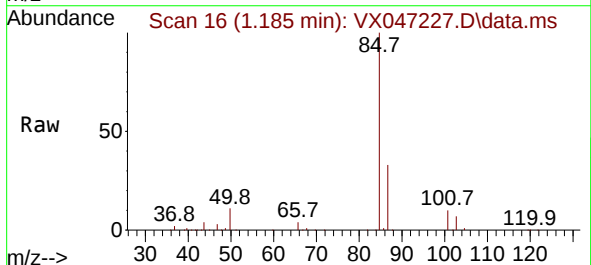
Manual Integrations
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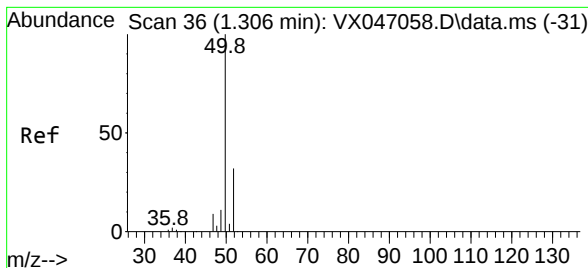
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#2
Dichlorodifluoromethane
Concen: 46.805 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

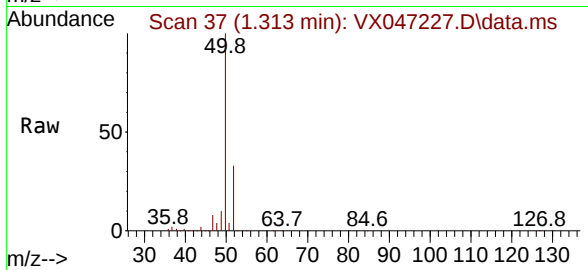
Tgt Ion: 85 Resp: 159062
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8





#3
Chloromethane
Concen: 42.085 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

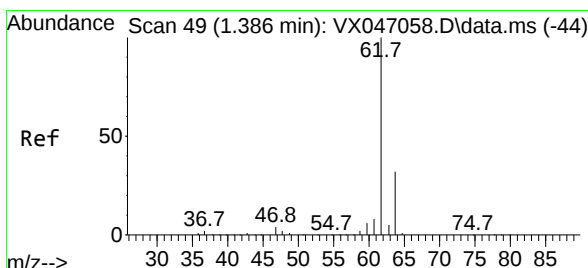
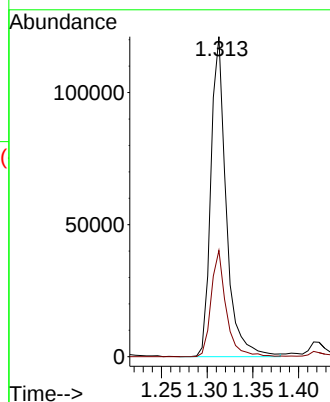
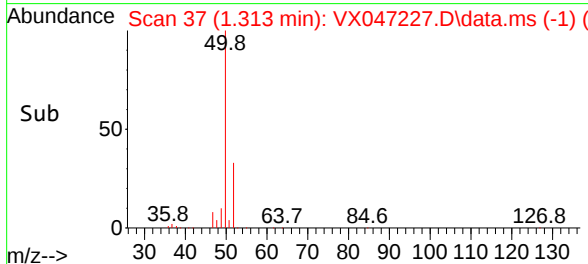
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 141474
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

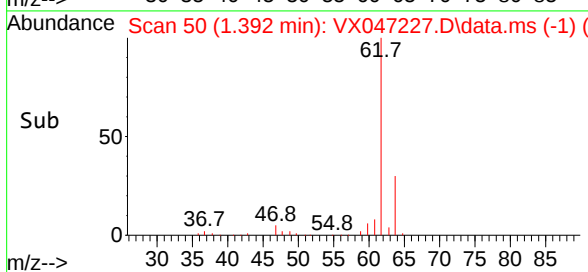
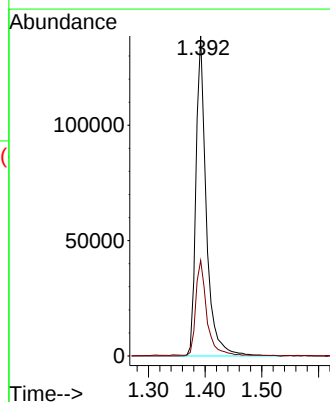
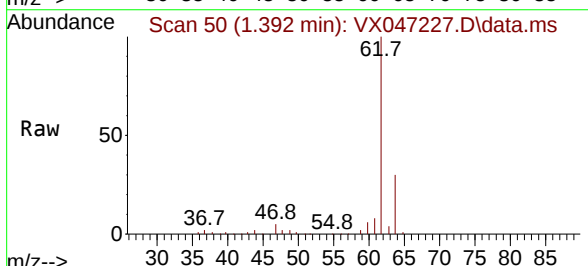
Manual Integrations
APPROVED

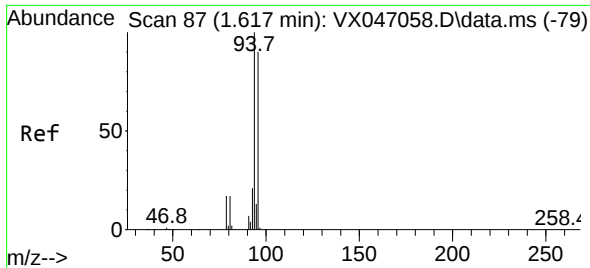
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#4
Vinyl Chloride
Concen: 48.685 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

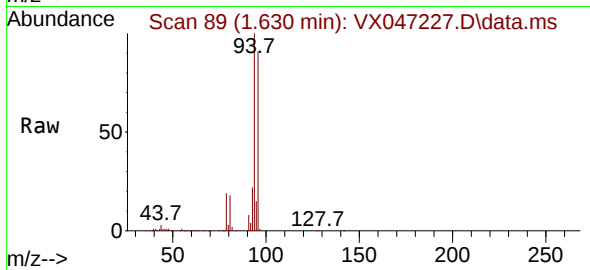
Tgt Ion: 62 Resp: 175929
Ion Ratio Lower Upper
62 100
64 29.9 25.2 37.8





#5
Bromomethane
Concen: 43.950 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

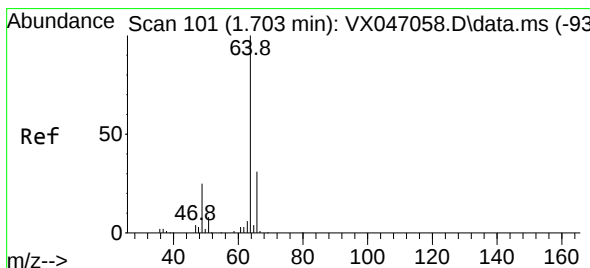
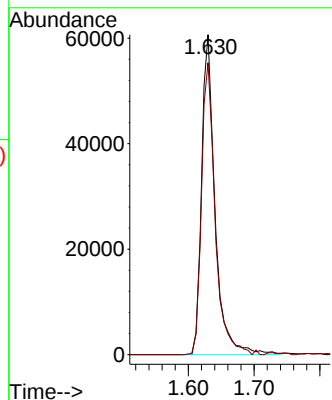
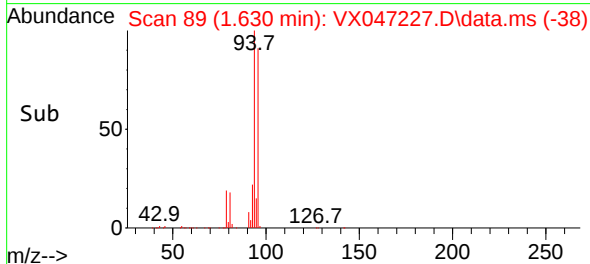
Instrument :
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Tgt Ion: 94 Resp: 86272
Ion Ratio Lower Upper
94 100
96 91.2 72.3 108.5

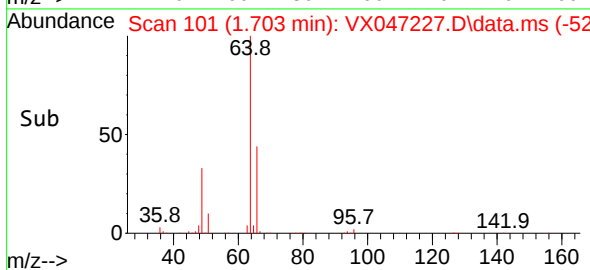
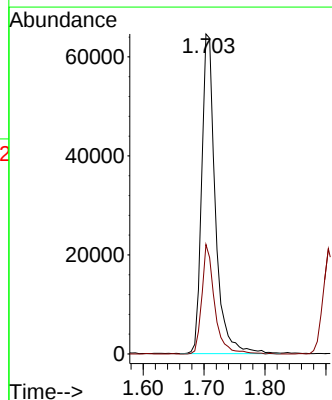
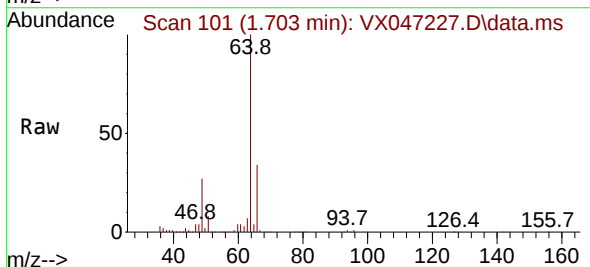
Manual Integrations
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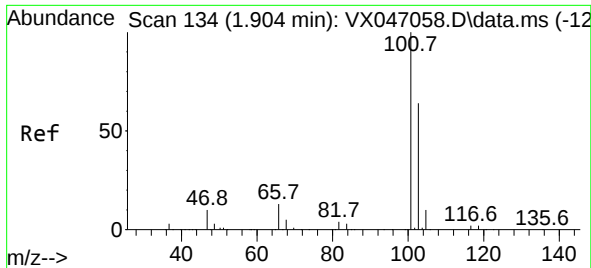
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#6
Chloroethane
Concen: 42.463 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

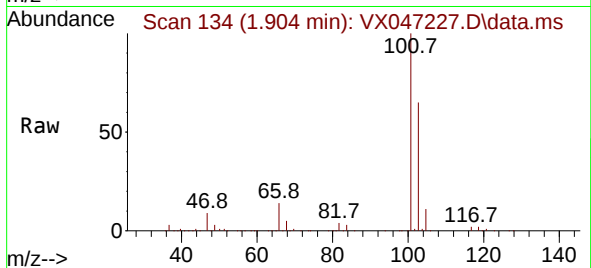
Tgt Ion: 64 Resp: 100780
Ion Ratio Lower Upper
64 100
66 34.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 48.983 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

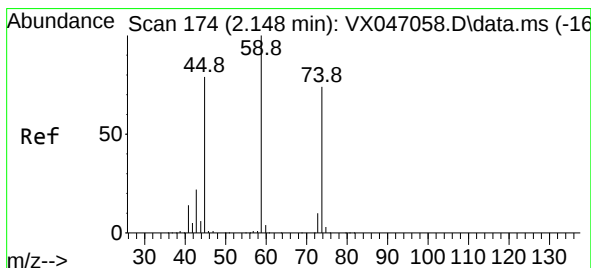
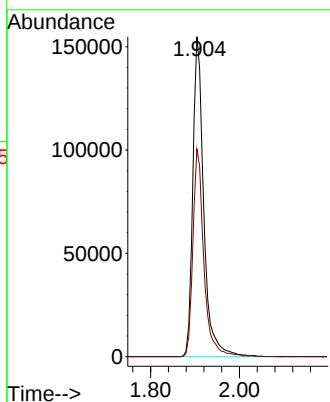
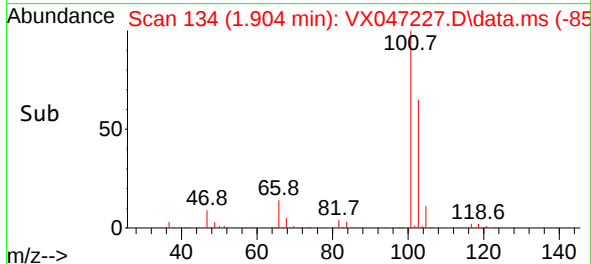
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 263939
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.9 76.3

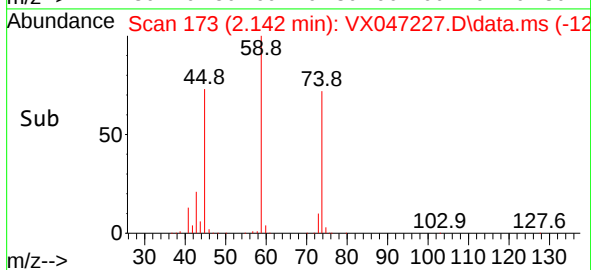
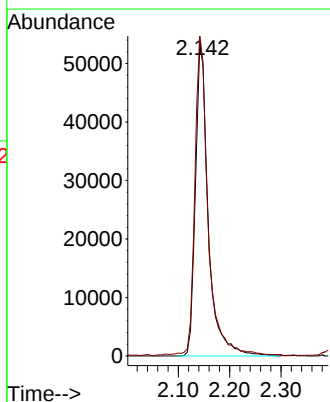
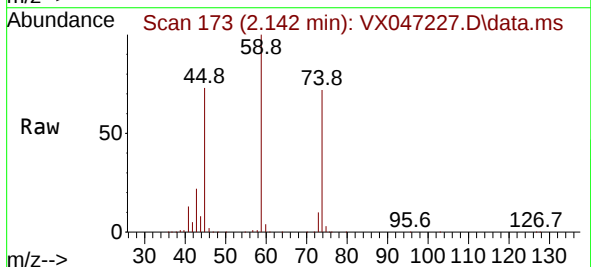
Manual Integrations
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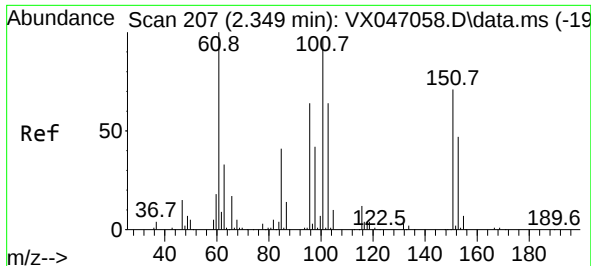
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#8
 Diethyl Ether
 Concen: 48.902 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

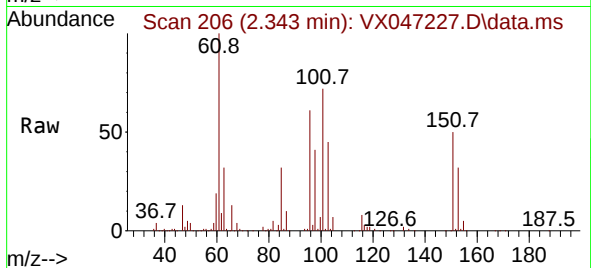
Tgt Ion: 74 Resp: 92908
 Ion Ratio Lower Upper
 74 100
 45 106.7 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.149 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

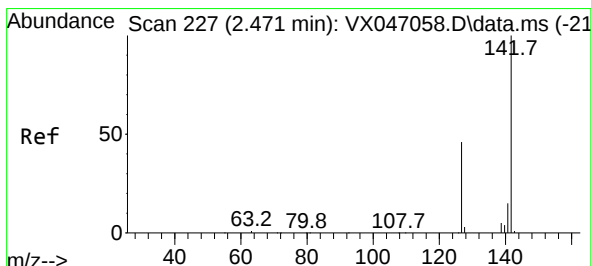
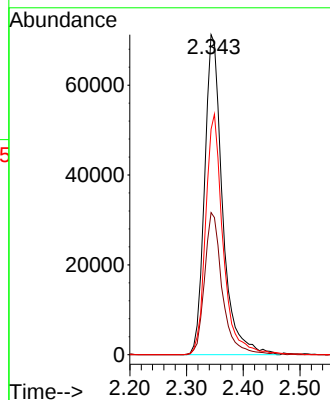
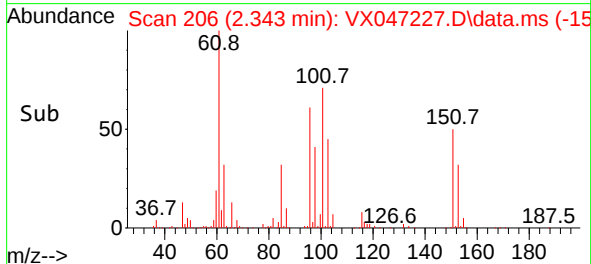
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 15631
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 73.6 59.2 88.8

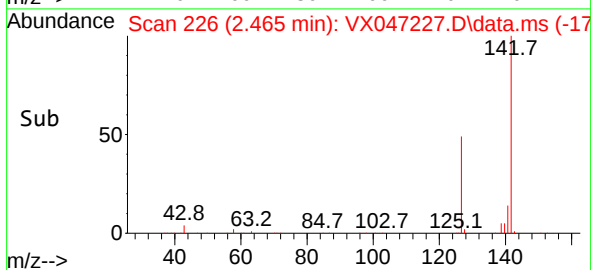
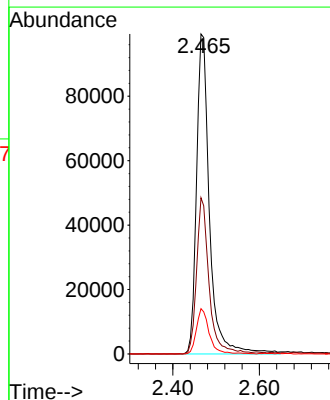
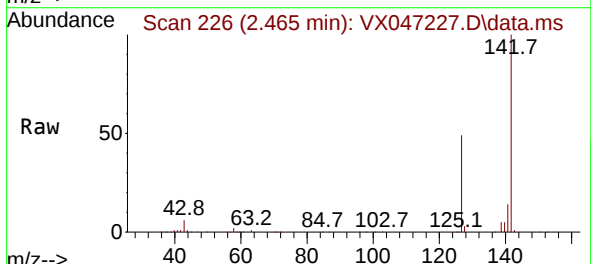
Manual Integrations
APPROVED

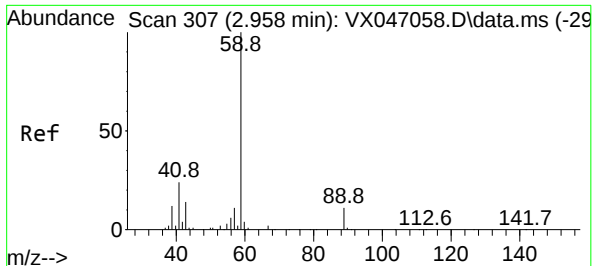
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#10
Methyl Iodide
Concen: 62.392 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:142 Resp: 206429
Ion Ratio Lower Upper
142 100
127 46.9 36.6 54.8
141 13.8 10.9 16.3





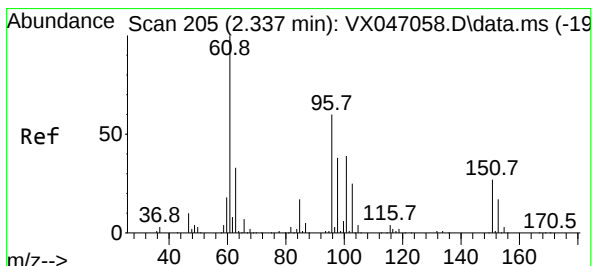
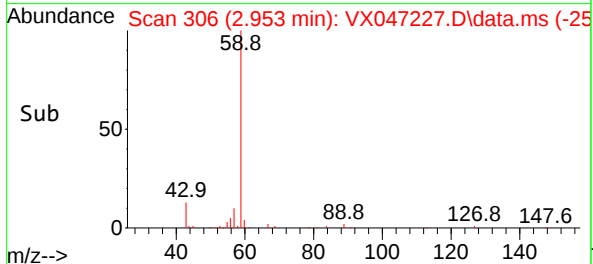
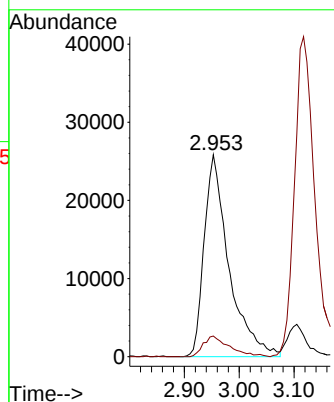
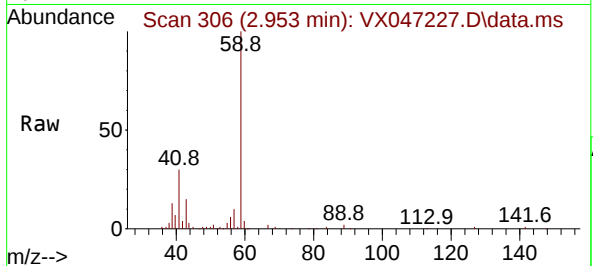
#11
Tert butyl alcohol
Concen: 215.991 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 80994
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

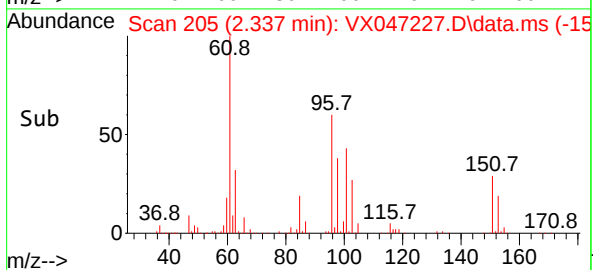
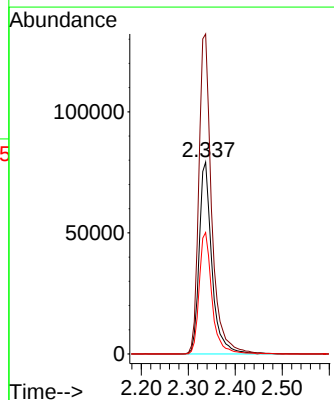
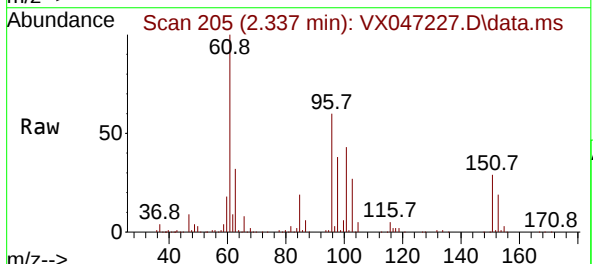
Manual Integrations
APPROVED

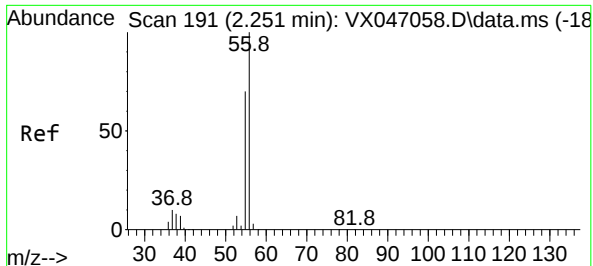
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#12
1,1-Dichloroethene
Concen: 46.572 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 96 Resp: 149746
Ion Ratio Lower Upper
96 100
61 166.8 132.6 198.8
98 63.3 50.2 75.4





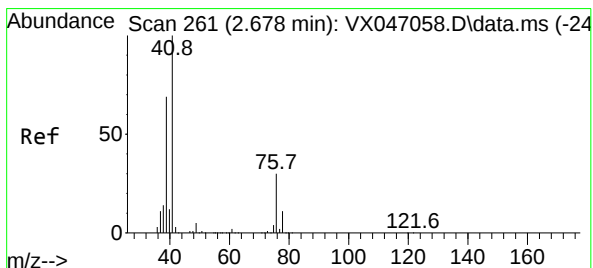
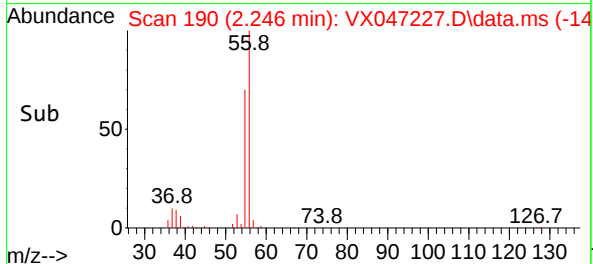
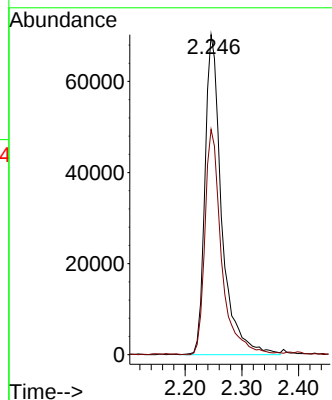
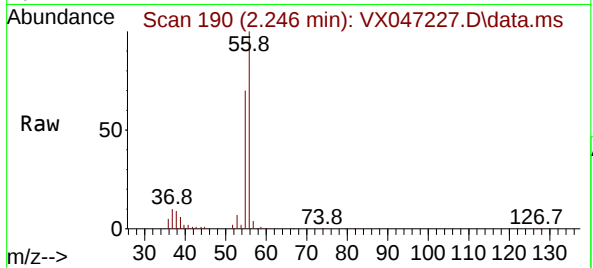
#13
Acrolein
Concen: 210.110 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 144188
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

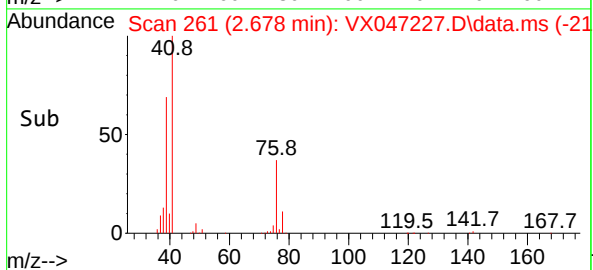
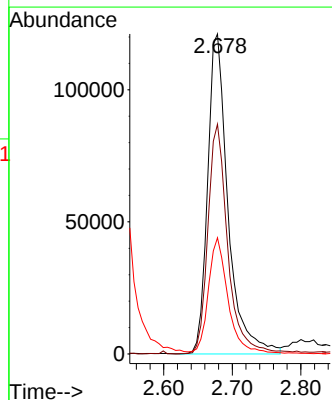
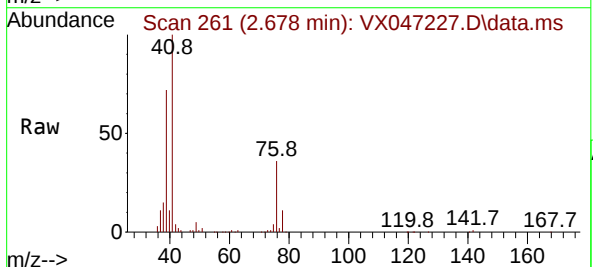
Manual Integrations
APPROVED

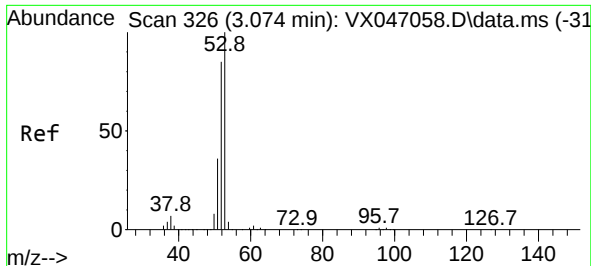
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#14
Allyl chloride
Concen: 43.267 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

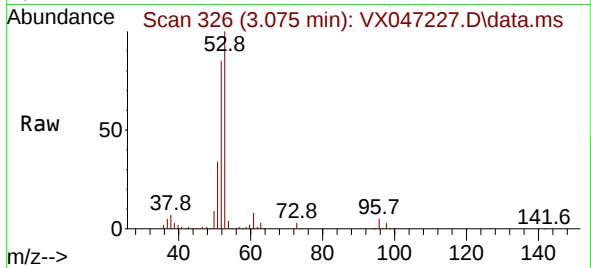
Tgt Ion: 41 Resp: 251478
Ion Ratio Lower Upper
41 100
39 70.5 52.6 78.8
76 34.5 25.7 38.5





#15
Acrylonitrile
Concen: 233.204 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

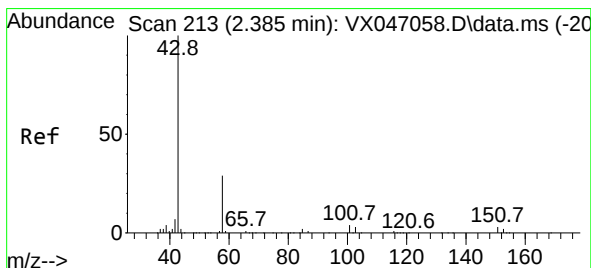
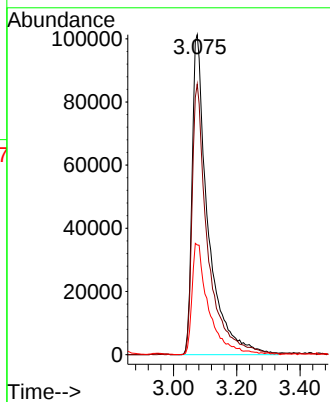
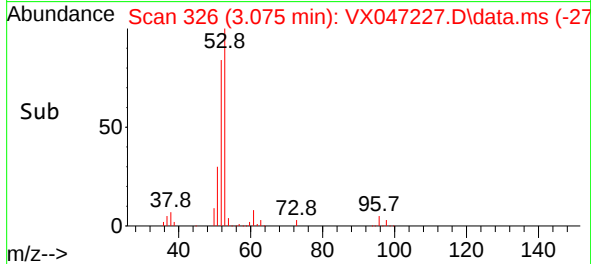
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



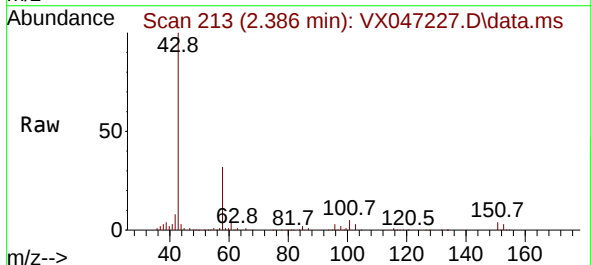
Tgt Ion: 53 Resp: 354478
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 36.5 28.8 43.2

Manual Integrations
APPROVED

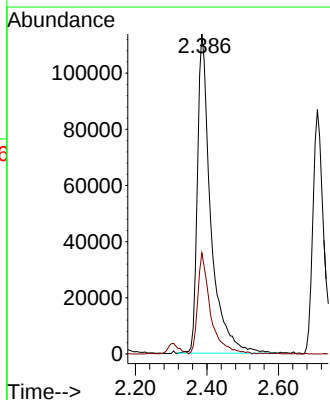
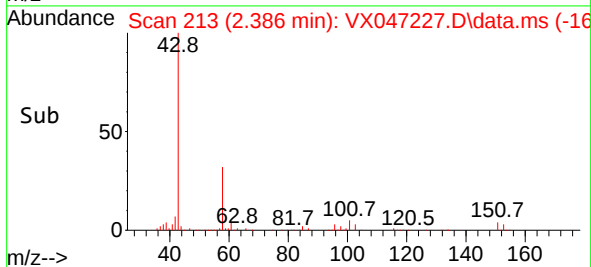
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

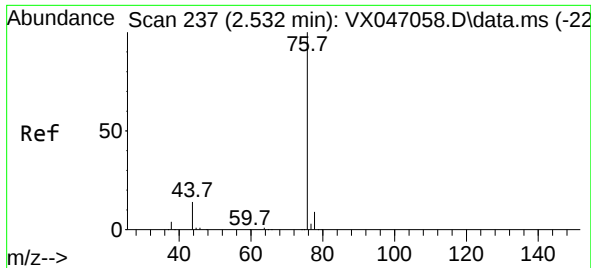


#16
Acetone
Concen: 229.961 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17



Tgt Ion: 43 Resp: 293609
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0





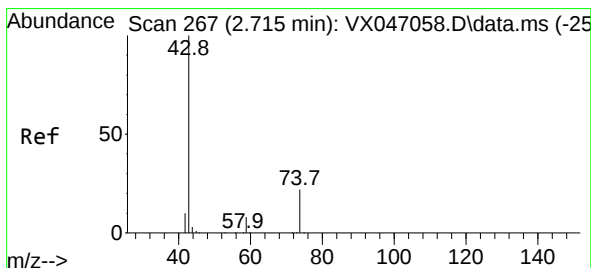
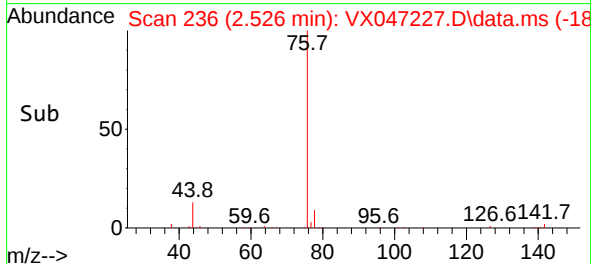
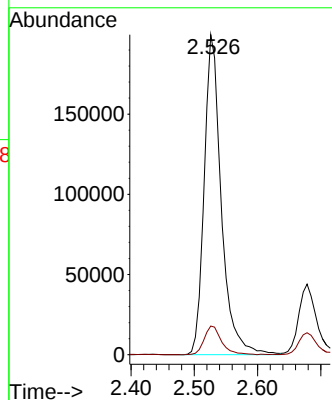
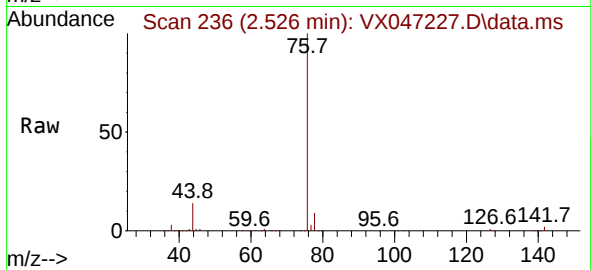
#17
Carbon Disulfide
Concen: 40.448 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 376244
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

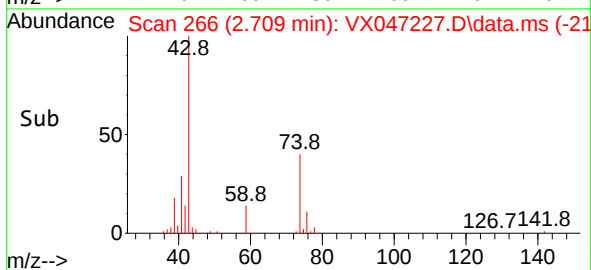
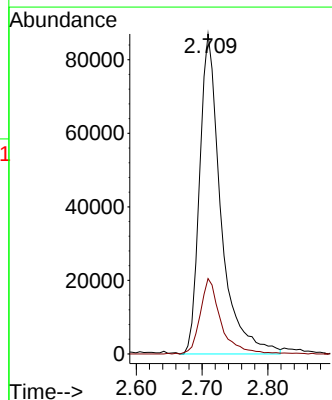
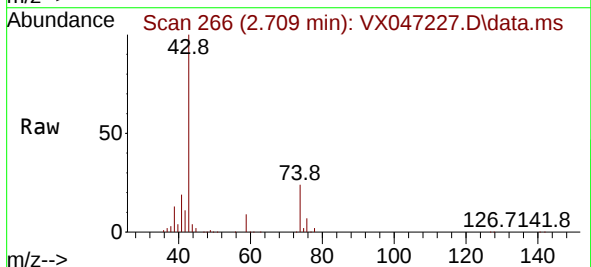
Manual Integrations
APPROVED

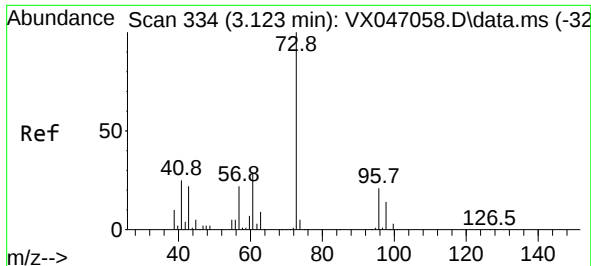
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#18
Methyl Acetate
Concen: 57.443 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 43 Resp: 194903
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5





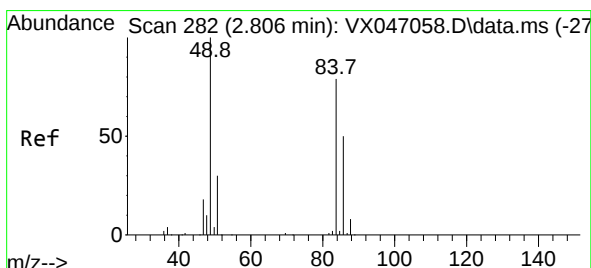
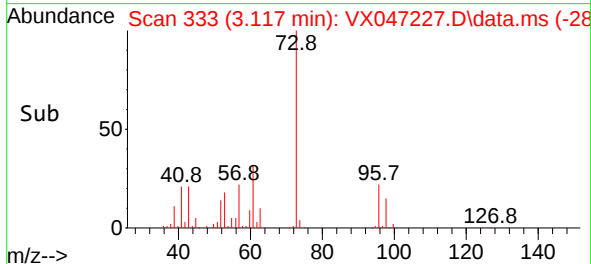
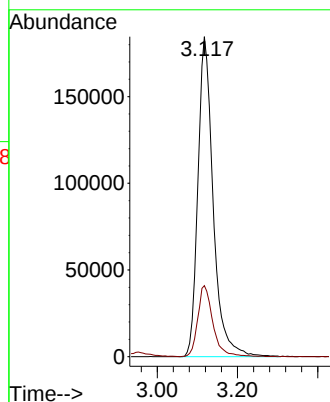
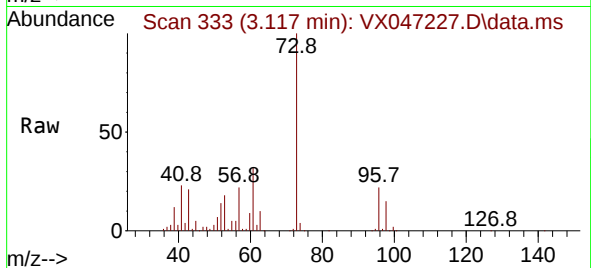
#19
Methyl tert-butyl Ether
Concen: 49.813 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 487448
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

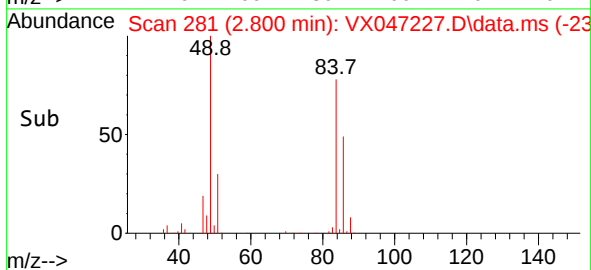
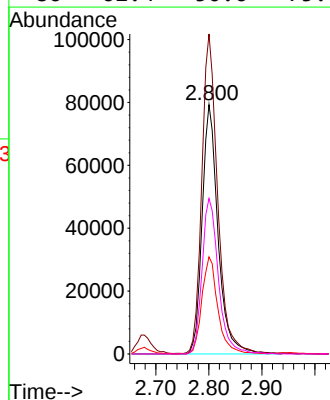
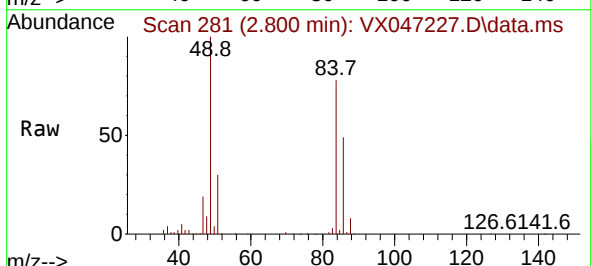
Manual Integrations
APPROVED

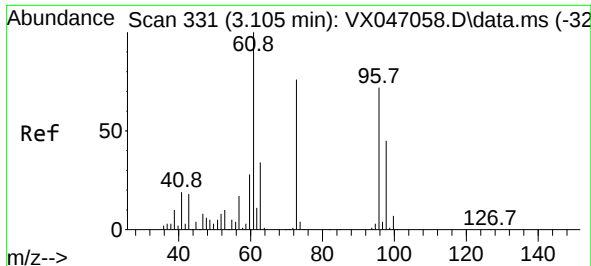
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#20
Methylene Chloride
Concen: 47.101 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

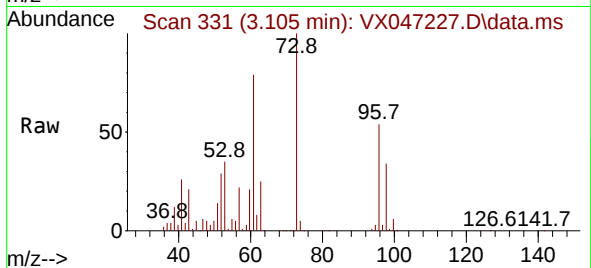
Tgt Ion: 84 Resp: 165444
Ion Ratio Lower Upper
84 100
49 128.1 101.6 152.4
51 38.9 30.3 45.5
86 62.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 46.866 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

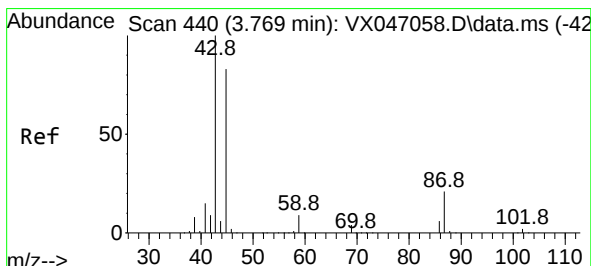
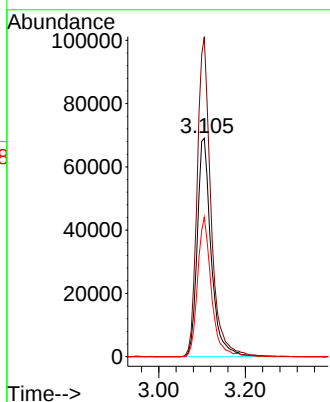
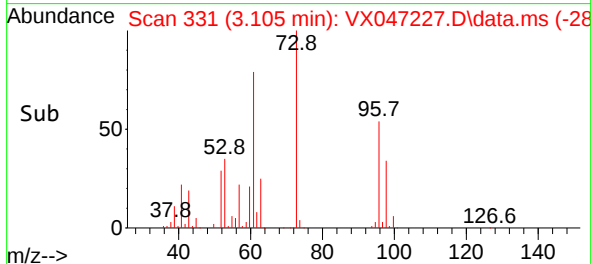
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15420
Ion Ratio Lower Upper
96 100
61 146.5 111.1 166.7
98 65.8 49.6 74.4

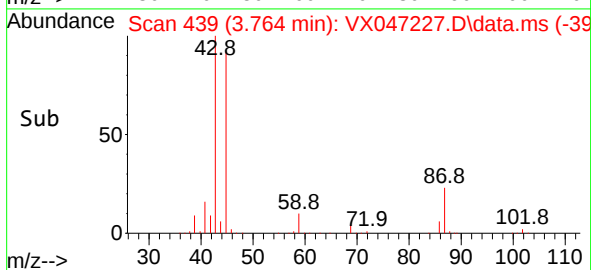
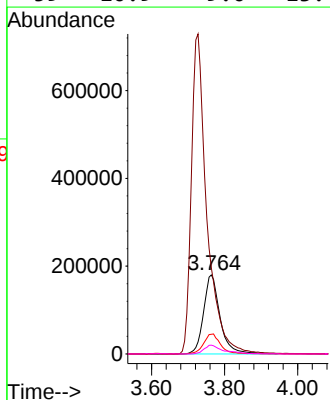
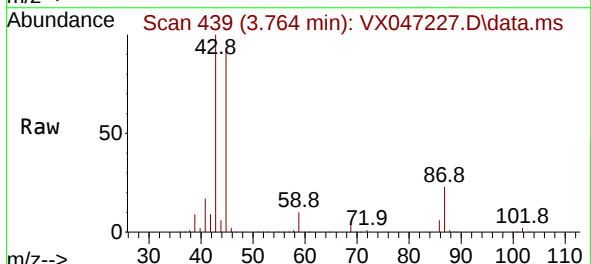
Manual Integrations
APPROVED

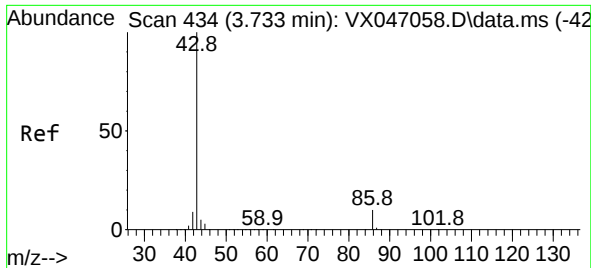
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#22
Diisopropyl ether
Concen: 50.225 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

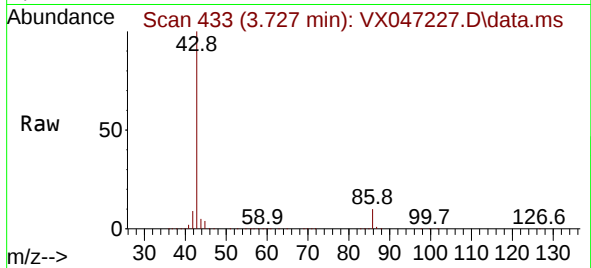
Tgt Ion: 45 Resp: 561242
Ion Ratio Lower Upper
45 100
43 109.1 96.8 145.2
87 24.9 20.5 30.7
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 241.689 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

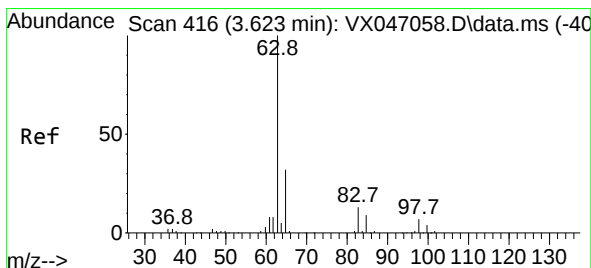
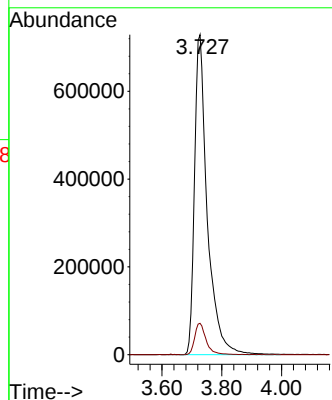
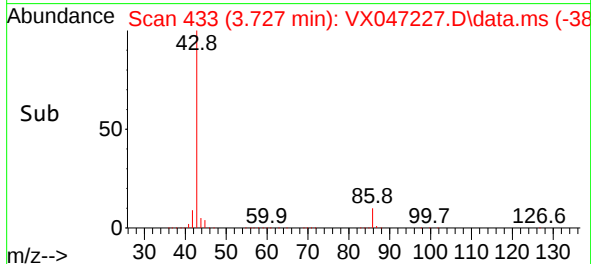
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



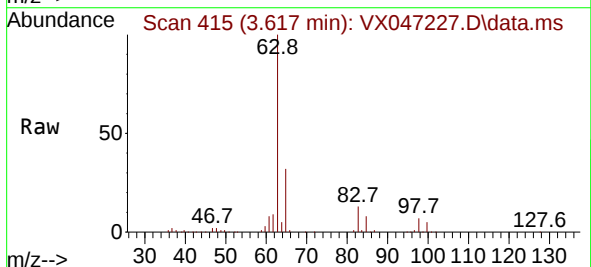
Tgt Ion: 43 Resp: 216619
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
 APPROVED

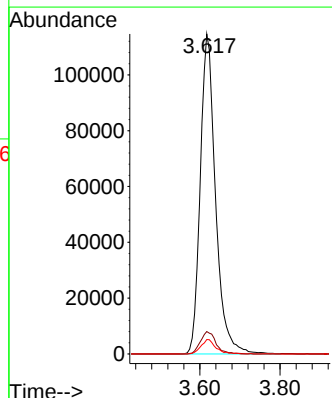
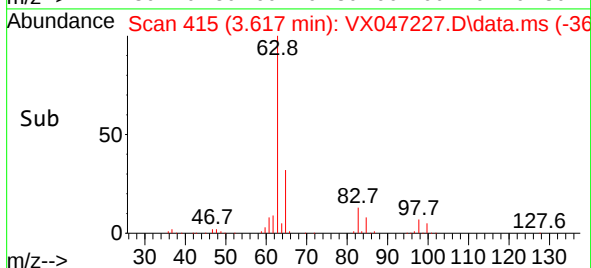
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

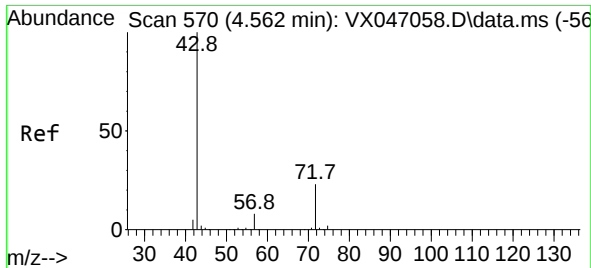


#24
 1,1-Dichloroethane
 Concen: 48.886 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17



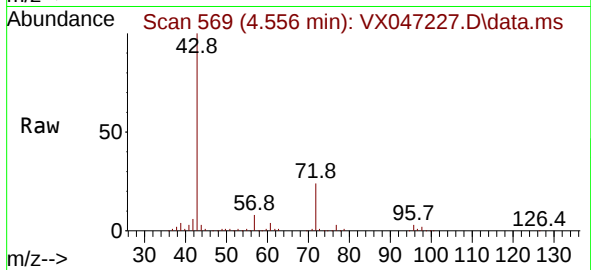
Tgt Ion: 63 Resp: 303771
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 220.321 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

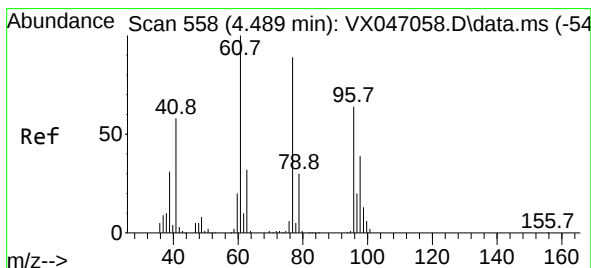
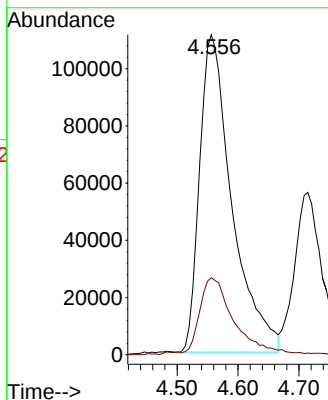
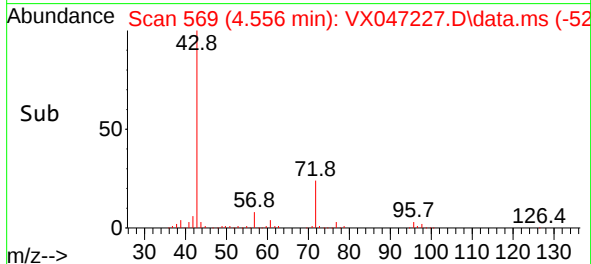
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 409598
Ion Ratio Lower Upper
43 100
72 24.7 18.8 28.2

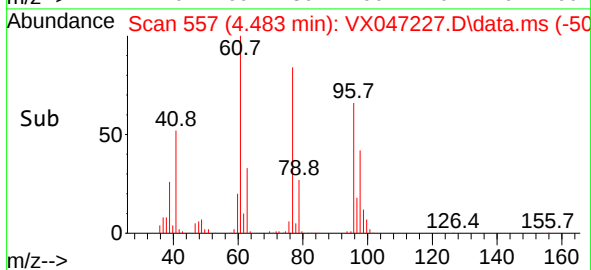
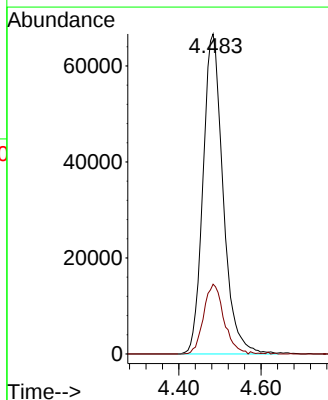
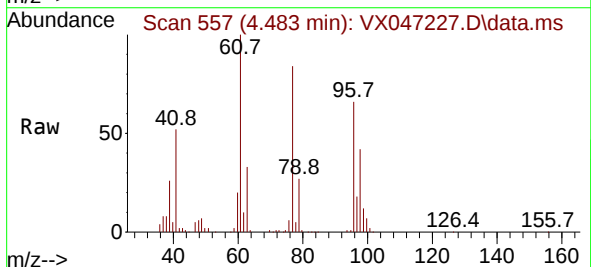
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#26
2,2-Dichloropropane
Concen: 46.997 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

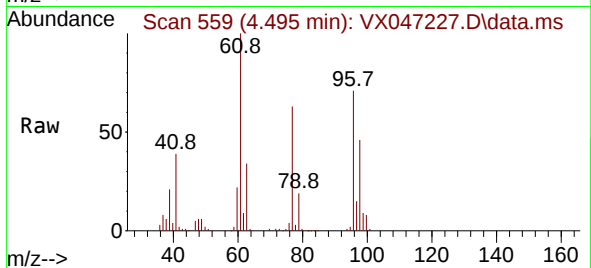
Tgt Ion: 77 Resp: 226065
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 48.147 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

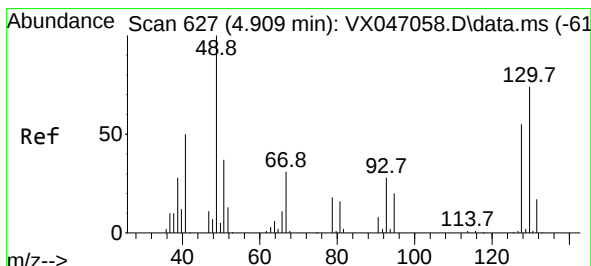
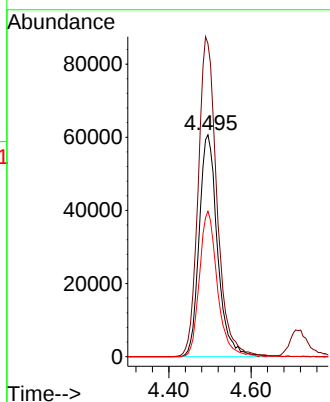
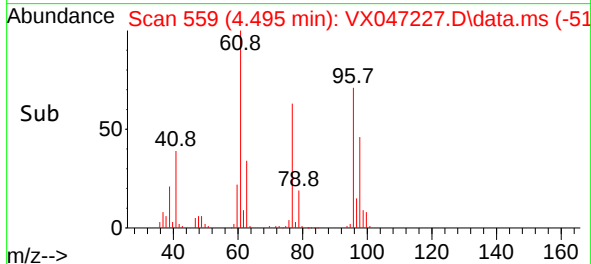
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 18759
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 298.6
 98 64.0 0.0 128.8

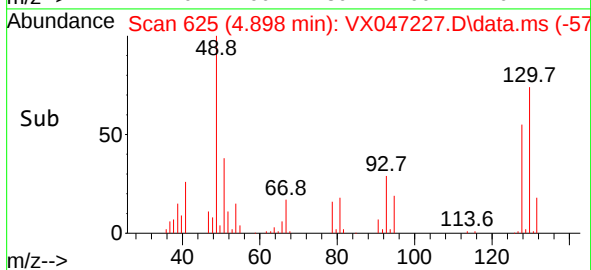
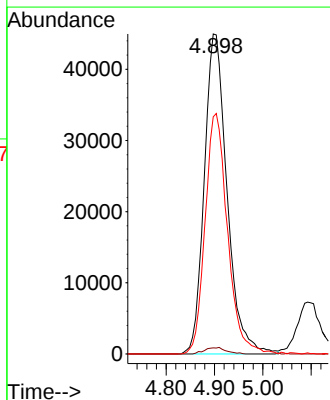
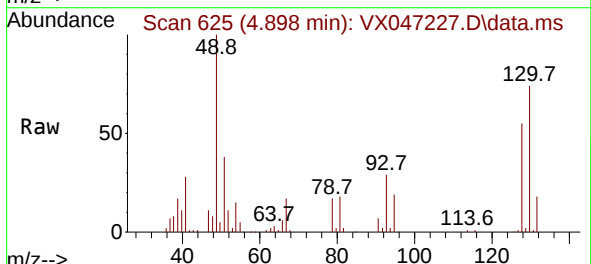
Manual Integrations
 APPROVED

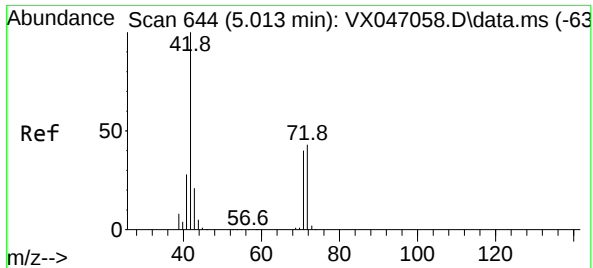
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#28
 Bromochloromethane
 Concen: 51.486 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.012 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

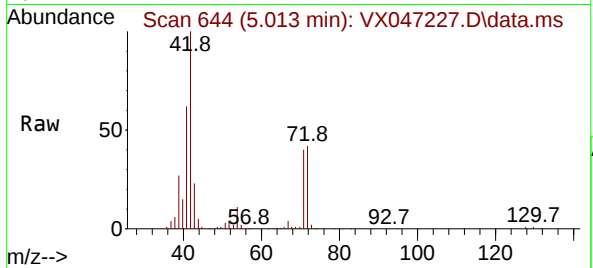
Tgt Ion: 49 Resp: 147186
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 73.9 59.0 88.4





#29
Tetrahydrofuran
Concen: 208.913 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

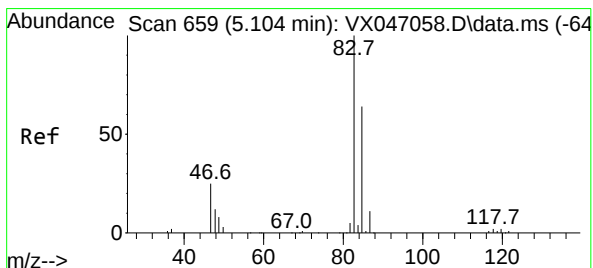
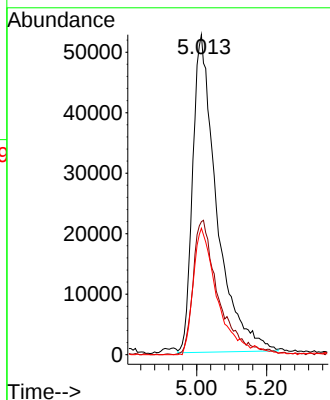
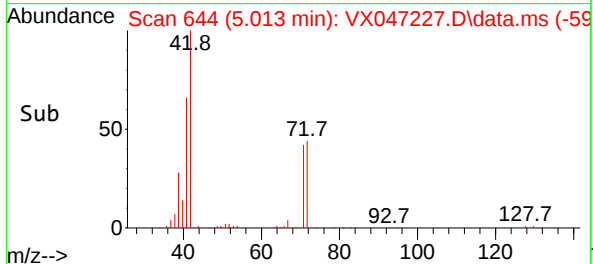
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 25059
Ion Ratio Lower Upper
42 100
72 44.9 33.7 50.5
71 39.1 31.0 46.4

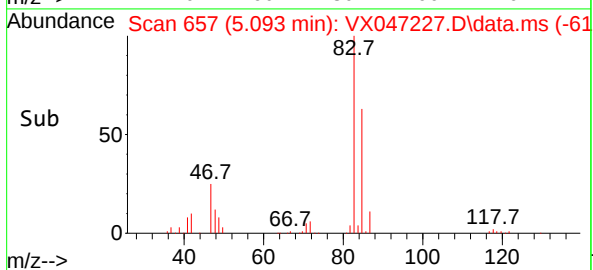
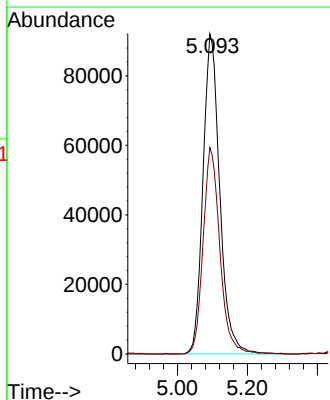
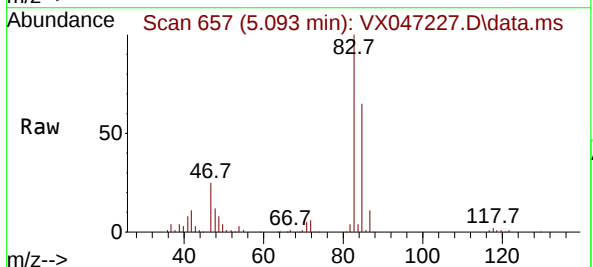
Manual Integrations
APPROVED

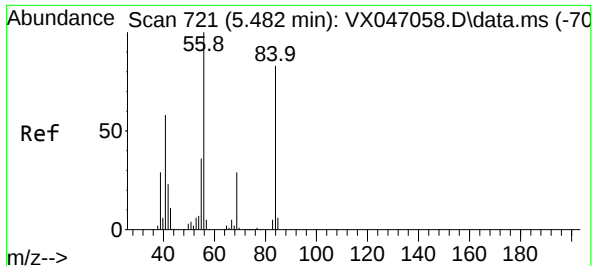
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#30
Chloroform
Concen: 48.358 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

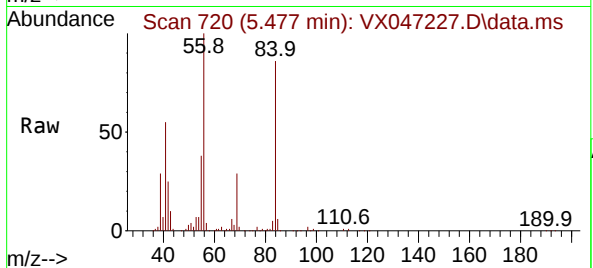
Tgt Ion: 83 Resp: 305878
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3





#31
Cyclohexane
Concen: 43.035 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

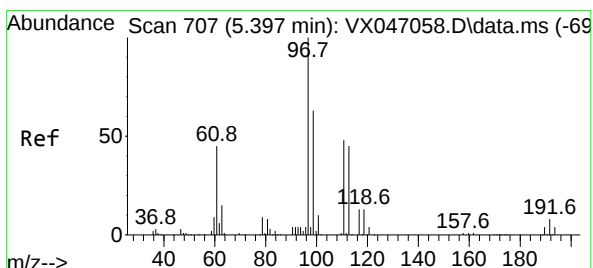
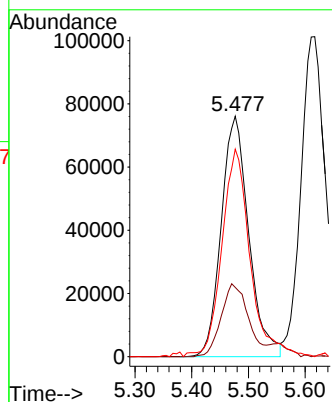
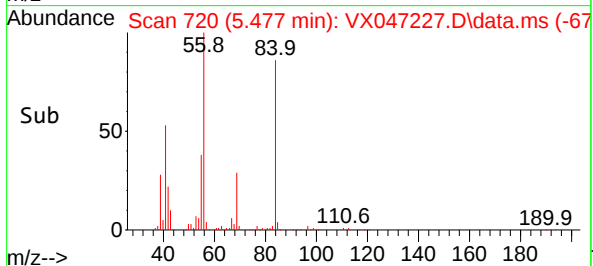
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 256400
Ion Ratio Lower Upper
56 100
69 30.3 23.3 34.9
84 84.4 66.5 99.7

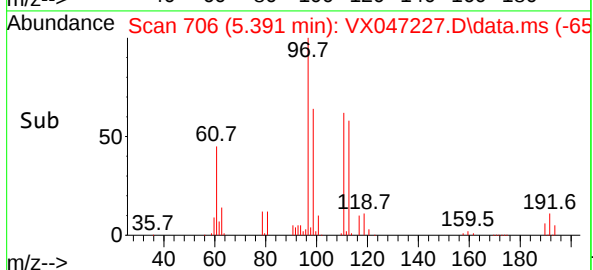
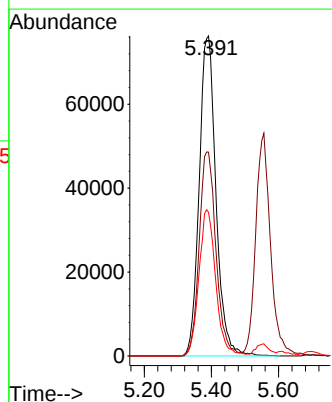
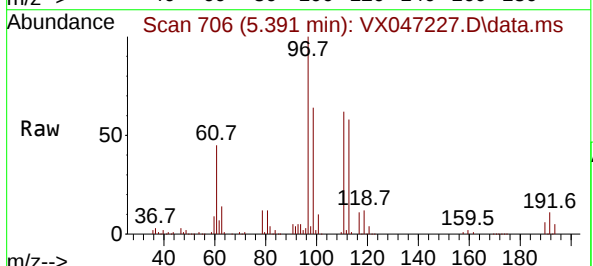
Manual Integrations
APPROVED

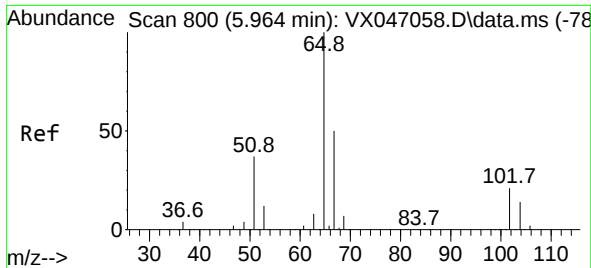
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#32
1,1,1-Trichloroethane
Concen: 48.251 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 97 Resp: 265096
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 45.7 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 53.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

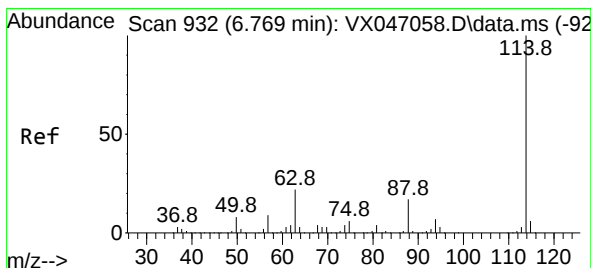
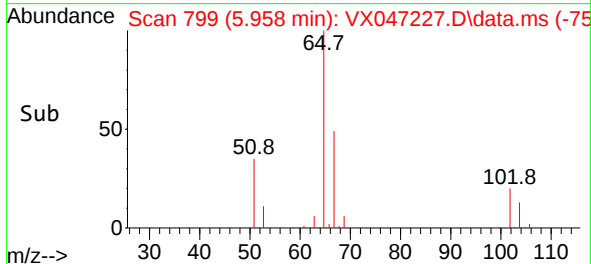
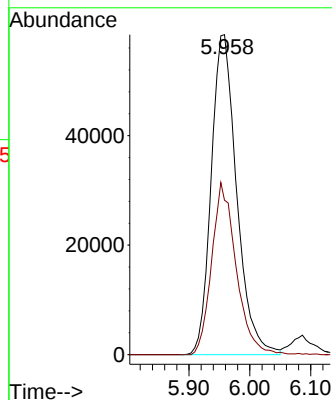
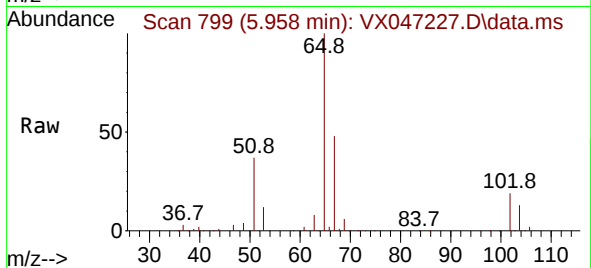
VSTDCCC050EC

Tgt Ion: 65 Resp: 169715
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

Manual Integrations

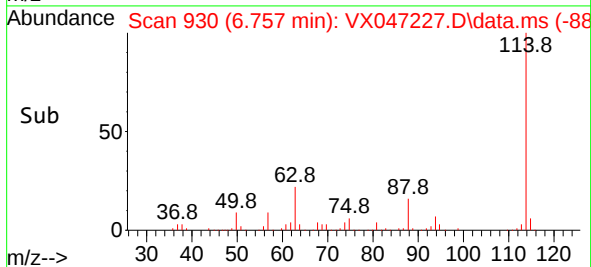
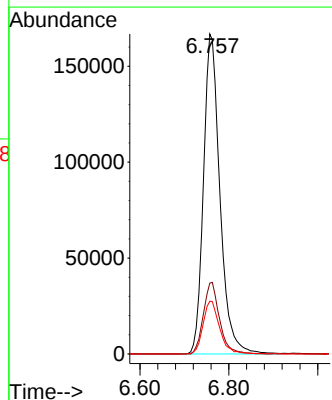
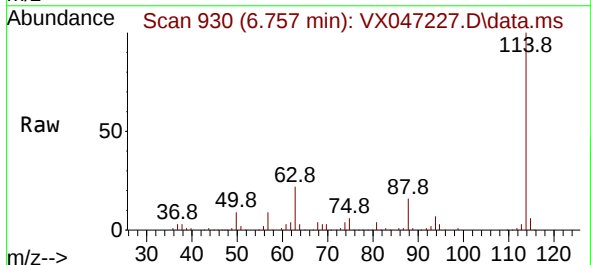
APPROVED

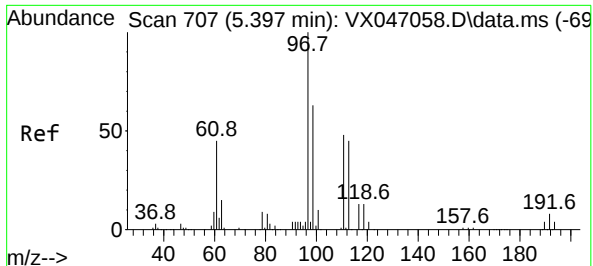
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.012 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:114 Resp: 430320
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.2
88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.488 ug/l

RT: 5.385 min Scan# 707

Delta R.T. -0.012 min

Lab File: VX047227.D

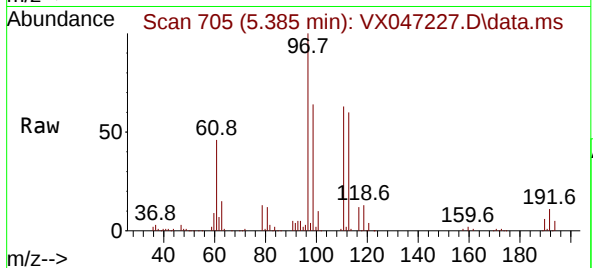
Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



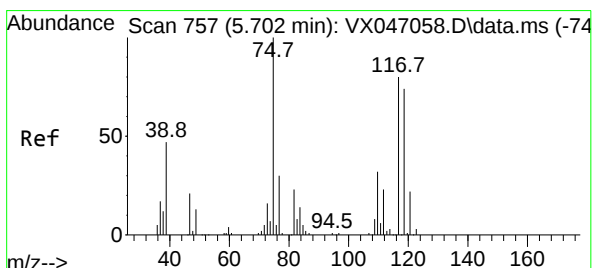
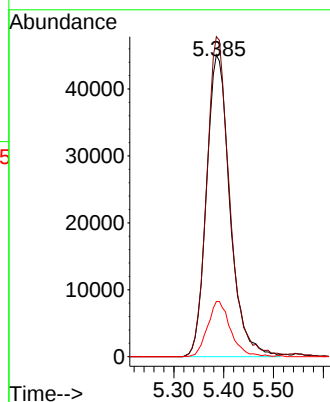
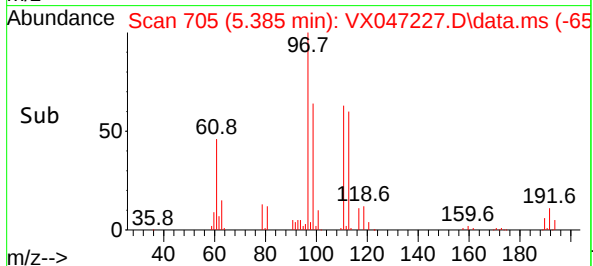
Tgt Ion:	113	Resp:	14742
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	124.0
192	18.0	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#36

1,1-Dichloropropene

Concen: 44.946 ug/l

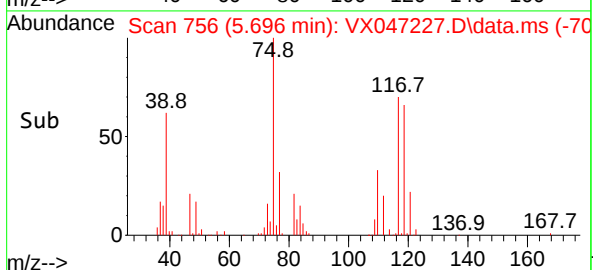
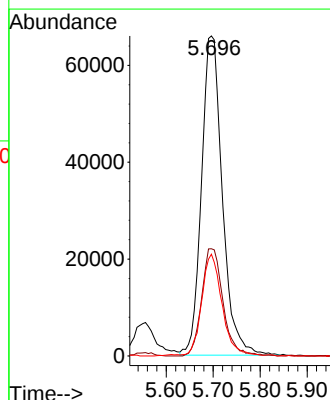
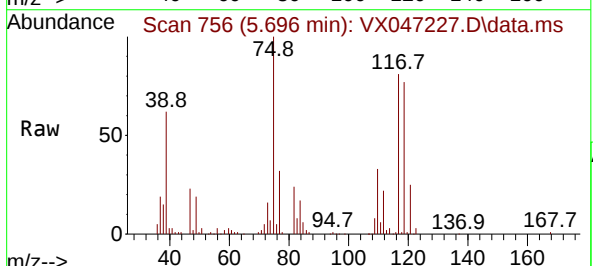
RT: 5.696 min Scan# 756

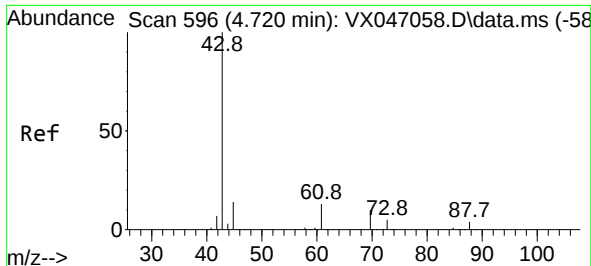
Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Tgt Ion:	75	Resp:	203560
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.2	51.5
77	30.5	25.1	37.7





#37

Ethyl Acetate

Concen: 45.529 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 190000

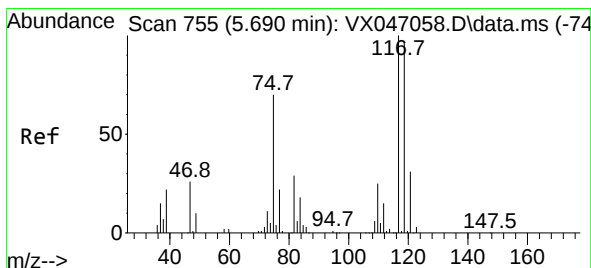
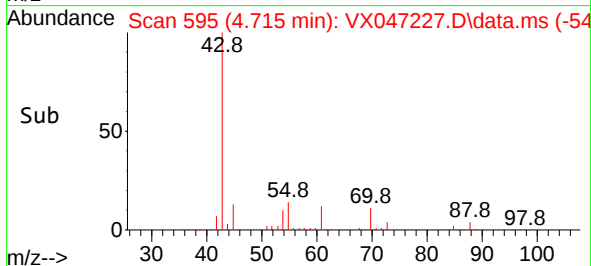
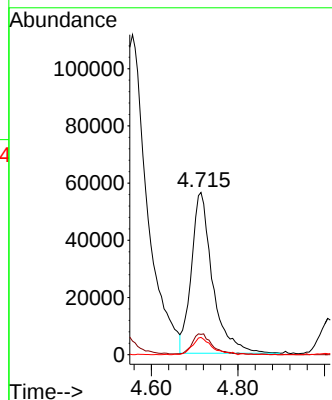
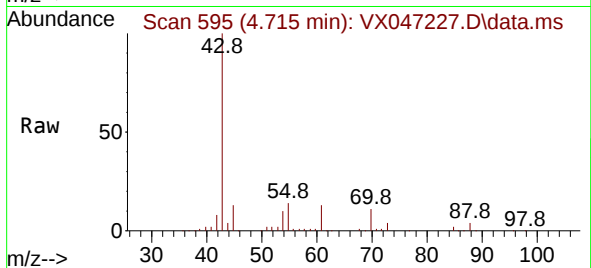
Ion	Ratio	Lower	Upper
43	100		
61	11.4	10.2	15.2
70	10.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#38

Carbon Tetrachloride

Concen: 47.023 ug/l

RT: 5.678 min Scan# 753

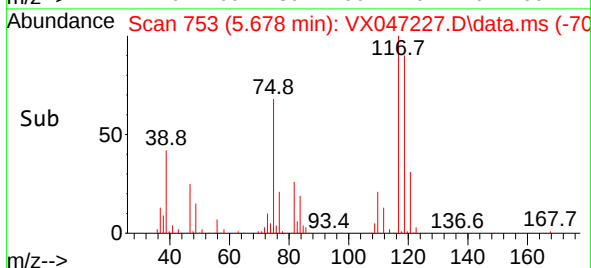
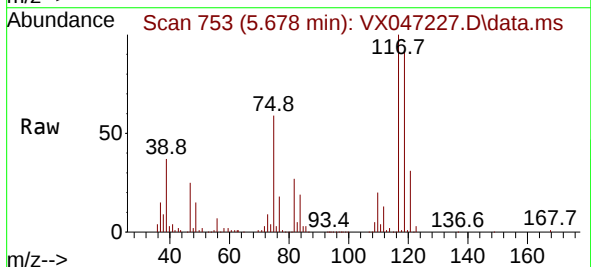
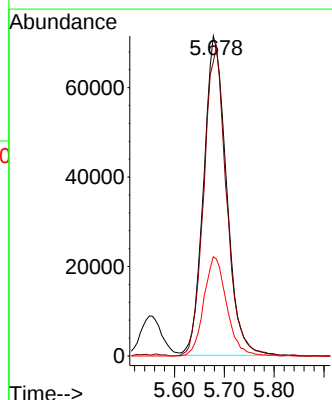
Delta R.T. -0.012 min

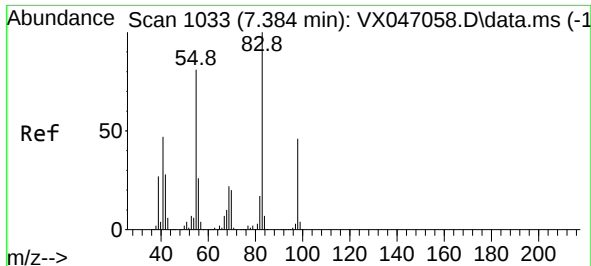
Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Tgt Ion:117 Resp: 227302

Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.6	115.0
121	31.1	24.4	36.6





#39

Methylcyclohexane

Concen: 43.204 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047227.D

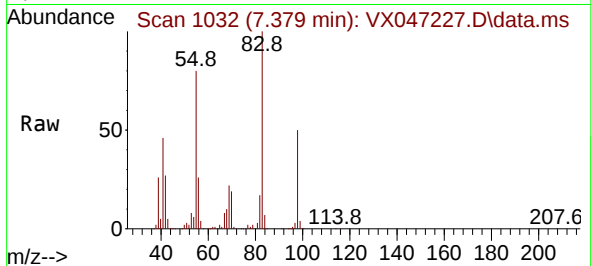
Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



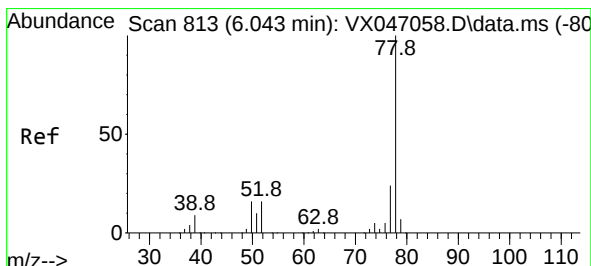
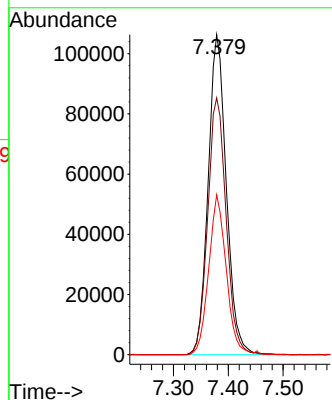
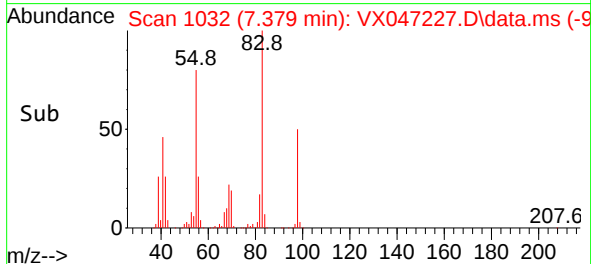
Tgt Ion:	83	Resp:	244304
Ion Ratio	Lower	Upper	
83	100		
55	80.3	64.5	96.7
98	50.0	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#40

Benzene

Concen: 47.264 ug/l

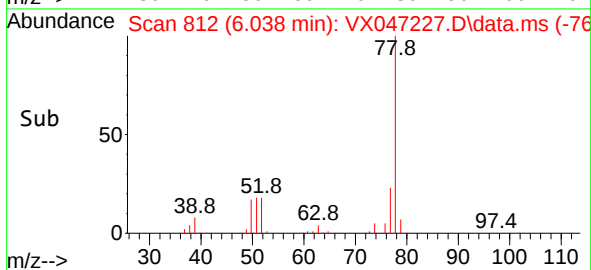
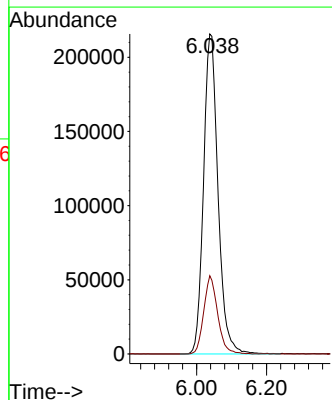
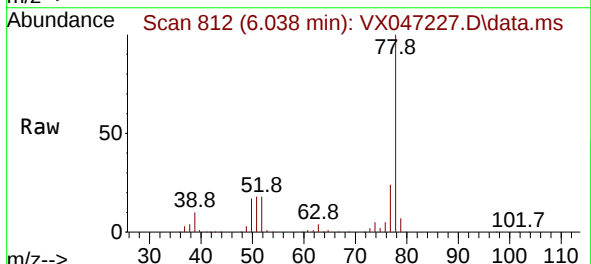
RT: 6.038 min Scan# 812

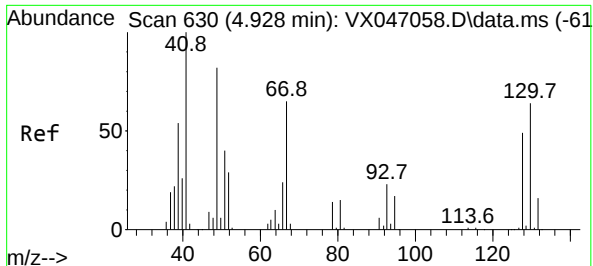
Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

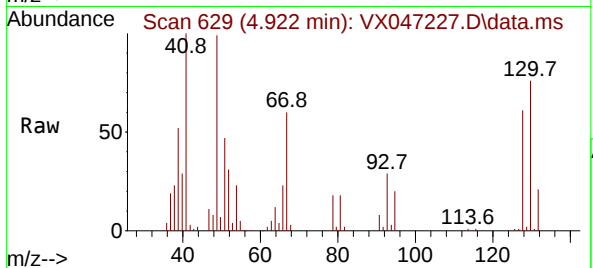
Tgt Ion:	78	Resp:	619489
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.0	28.4





#41
Methacrylonitrile
Concen: 44.330 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

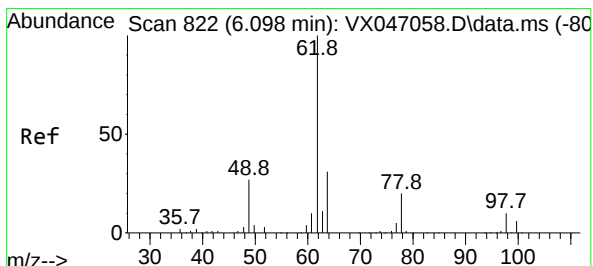
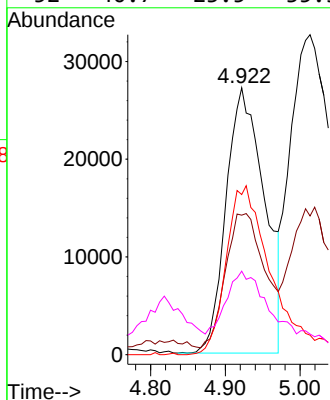
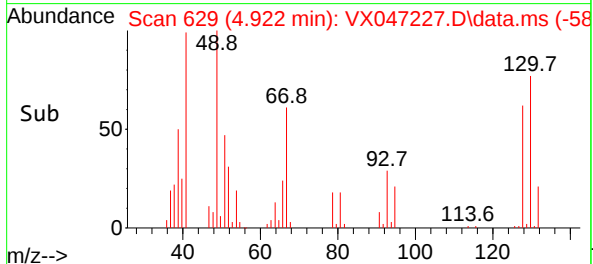
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9673
Ion Ratio Lower Upper
41 100
39 51.9 44.2 66.2
67 76.0 56.4 84.6
52 40.7 23.5 35.3#

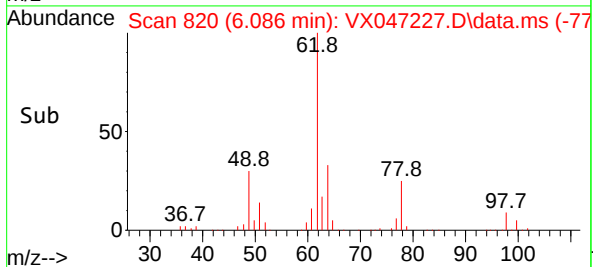
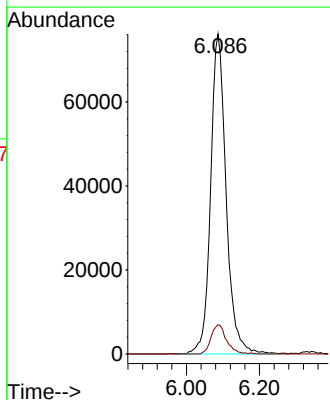
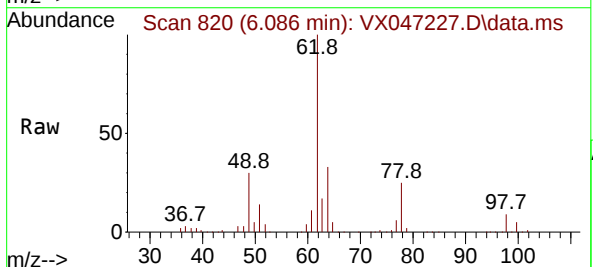
Manual Integrations
APPROVED

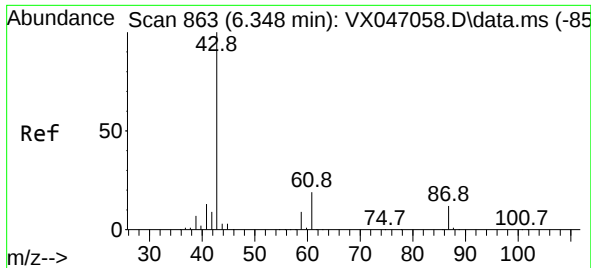
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#42
1,2-Dichloroethane
Concen: 48.493 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

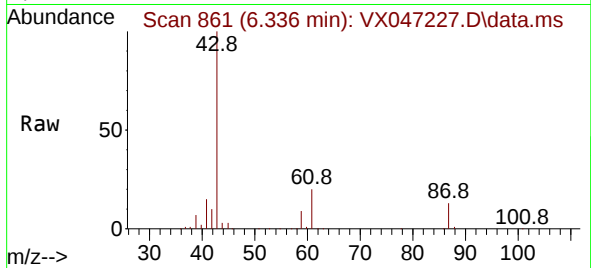
Tgt Ion: 62 Resp: 223894
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8





#43
Isopropyl Acetate
Concen: 48.372 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

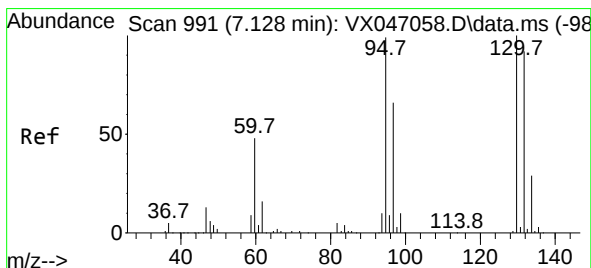
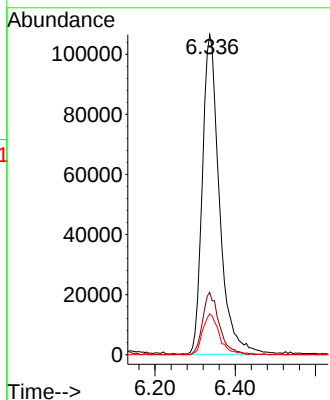
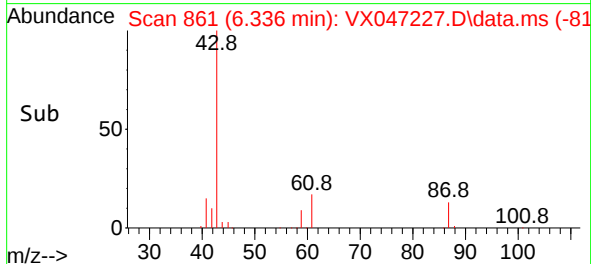
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31470
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 12.4 9.7 14.5

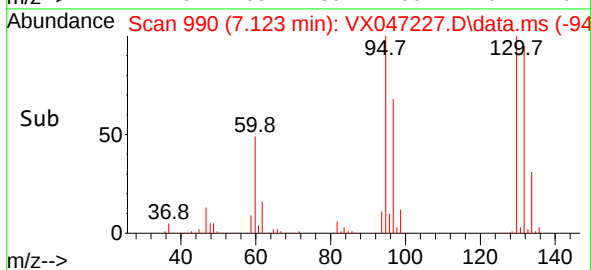
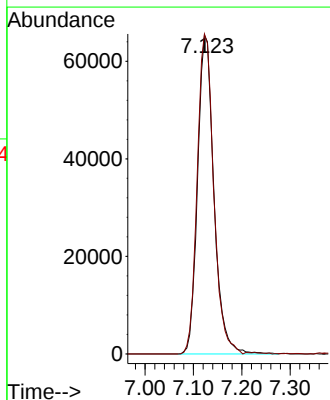
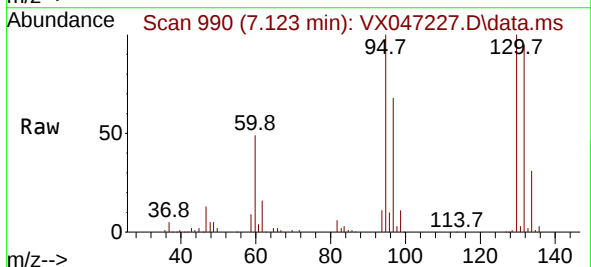
Manual Integrations
APPROVED

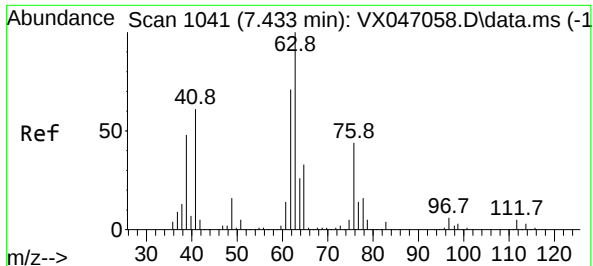
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#44
Trichloroethene
Concen: 45.682 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:130 Resp: 153538
Ion Ratio Lower Upper
130 100
95 100.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 48.171 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15813

Ion Ratio Lower Upper

63 100

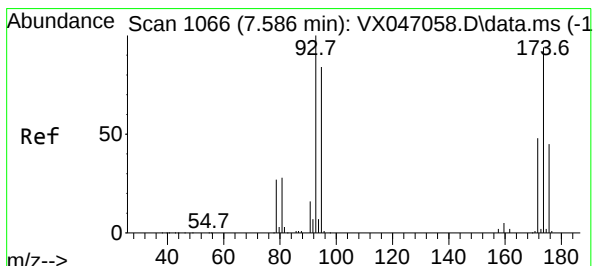
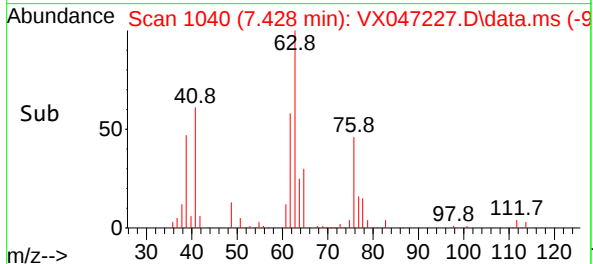
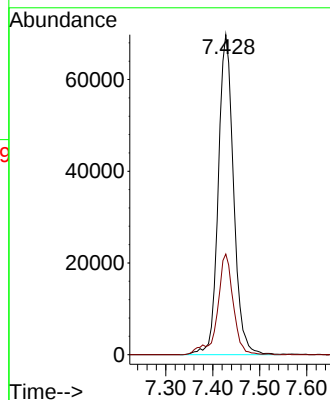
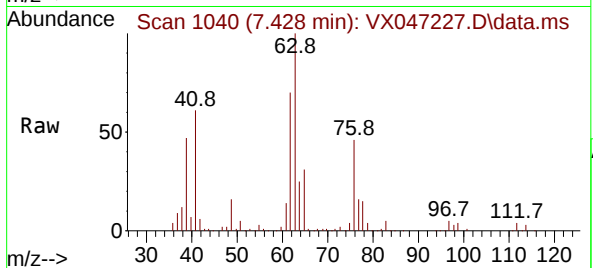
65 31.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#46

Dibromomethane

Concen: 48.119 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

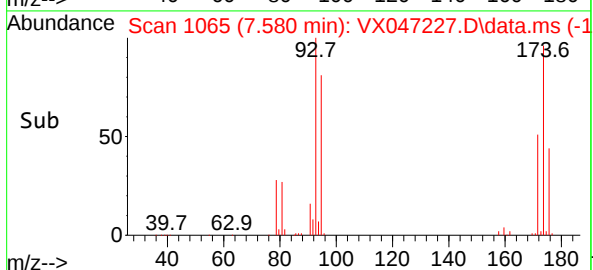
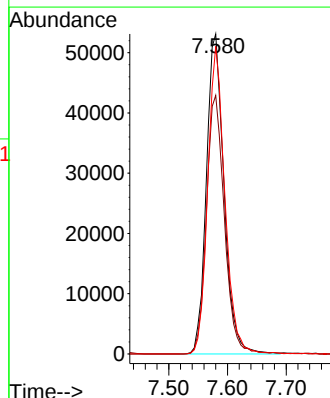
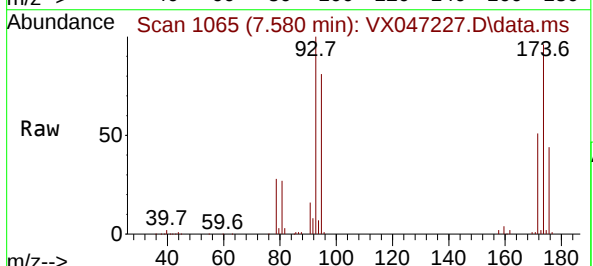
Tgt Ion: 93 Resp: 110771

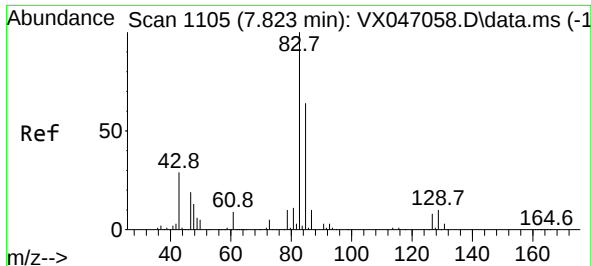
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

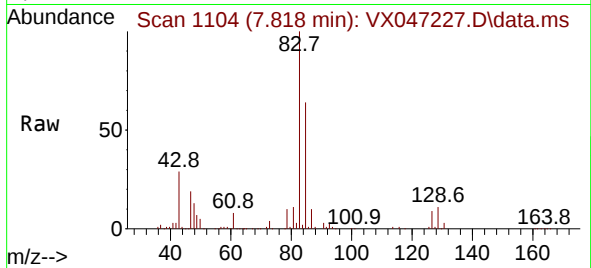
174 93.5 74.6 112.0





#47
Bromodichloromethane
Concen: 49.188 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

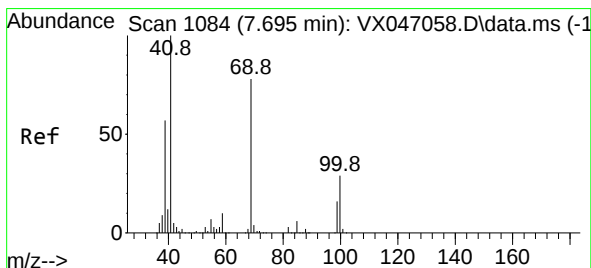
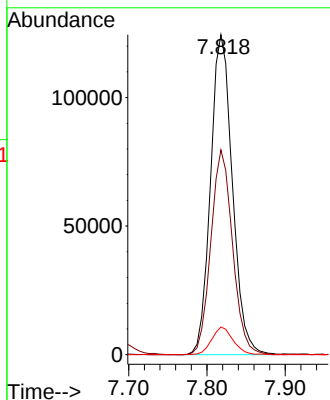
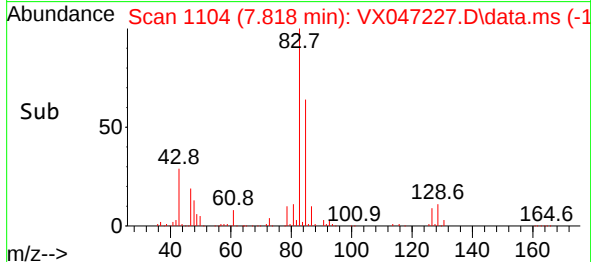
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 241015
Ion Ratio Lower Upper
83 100
85 64.0 49.9 74.9
127 8.6 6.6 10.0

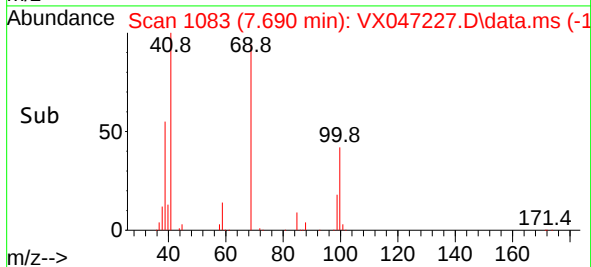
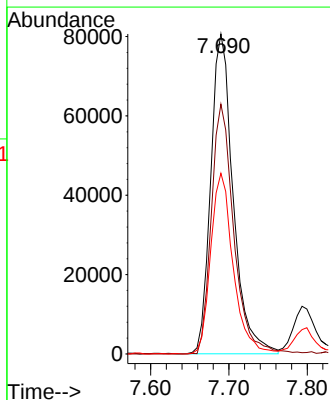
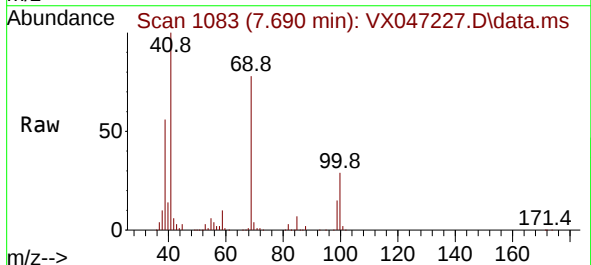
Manual Integrations
APPROVED

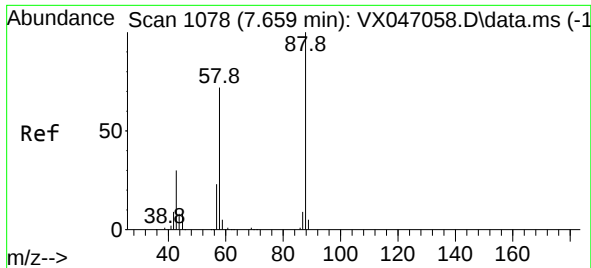
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#48
Methyl methacrylate
Concen: 45.301 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 41 Resp: 160557
Ion Ratio Lower Upper
41 100
69 78.5 62.3 93.5
39 56.7 44.8 67.2





#49

1,4-Dioxane

Concen: 869.215 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.067 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

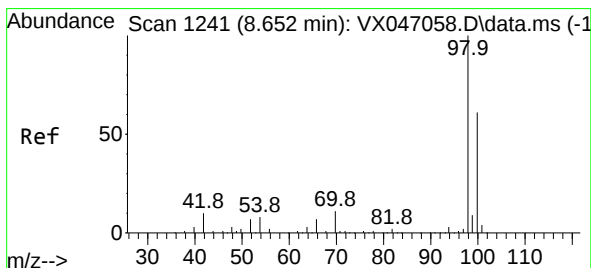
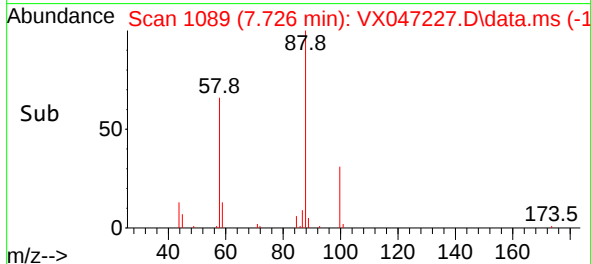
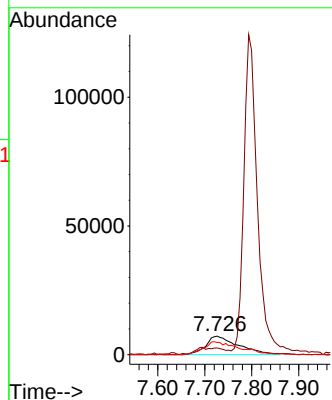
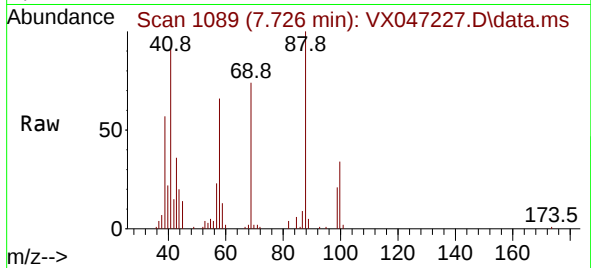
Tgt Ion:	88	Resp:	35039
Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.6	50.4
58	76.9	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#50

Toluene-d8

Concen: 50.374 ug/l

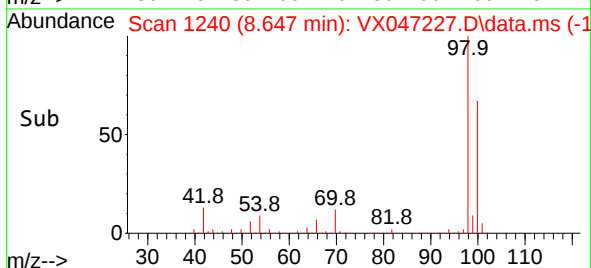
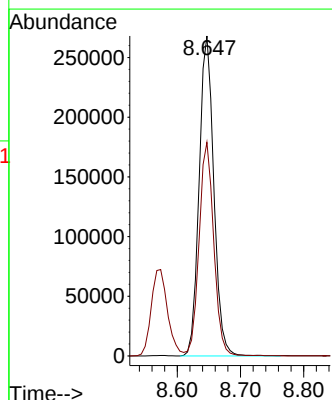
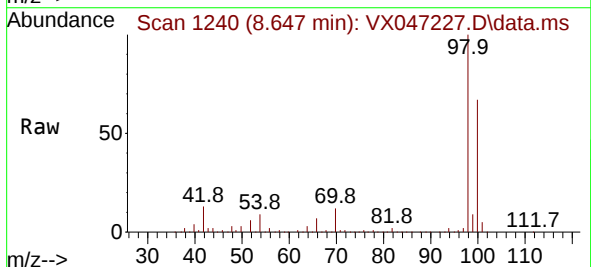
RT: 8.647 min Scan# 1240

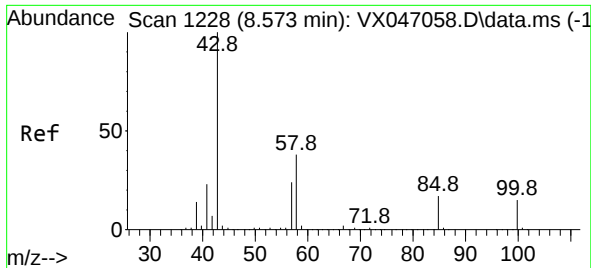
Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Tgt Ion:	98	Resp:	433439
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9





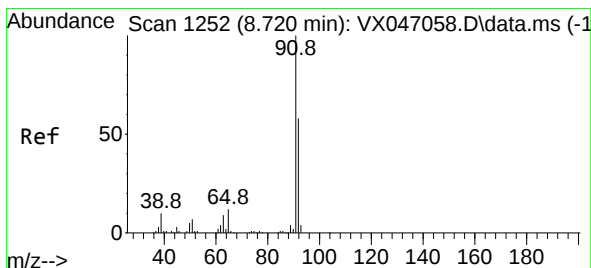
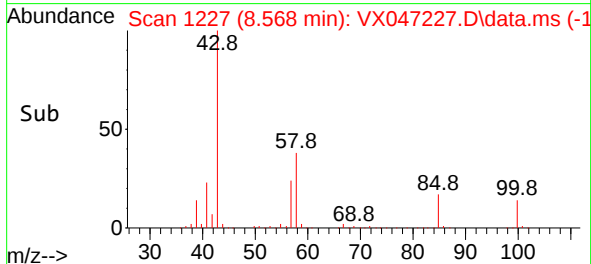
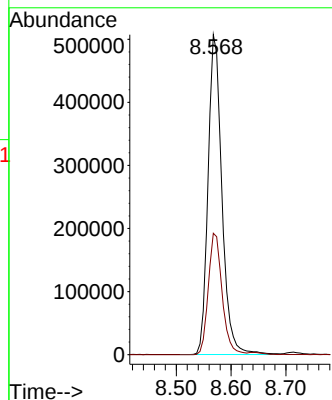
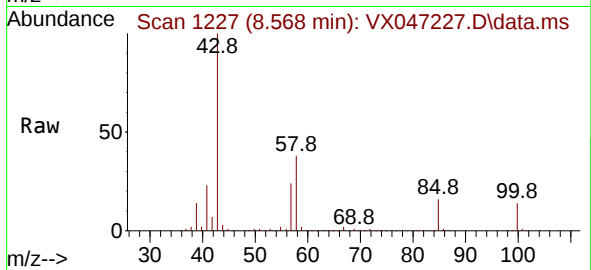
#51
4-Methyl-2-Pentanone
Concen: 229.760 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 888499
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8

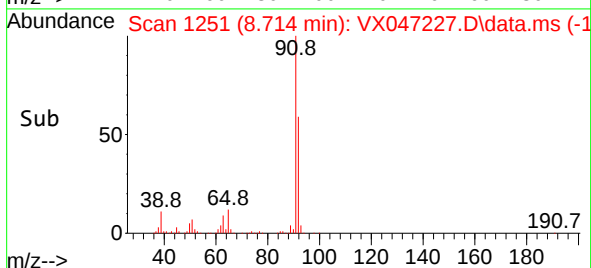
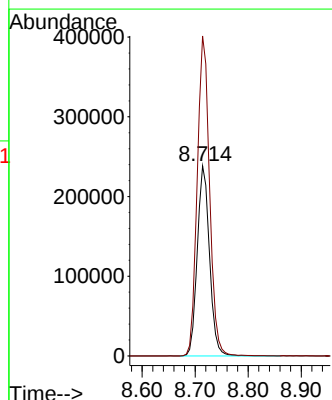
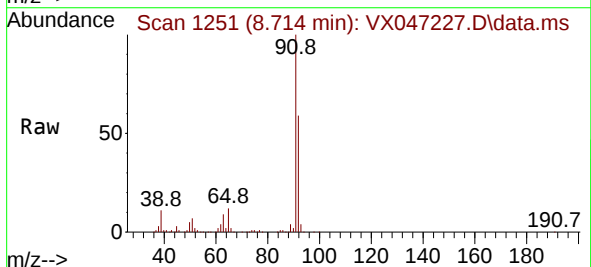
Manual Integrations
APPROVED

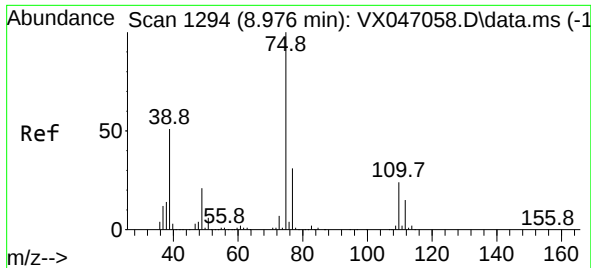
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#52
Toluene
Concen: 47.465 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 92 Resp: 382530
Ion Ratio Lower Upper
92 100
91 169.8 137.9 206.9





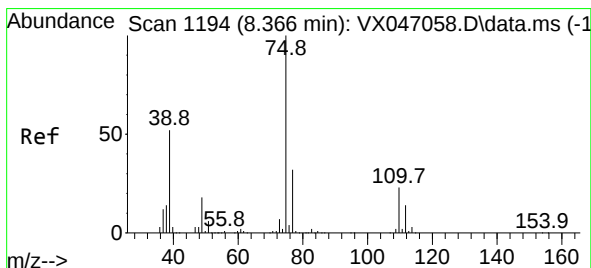
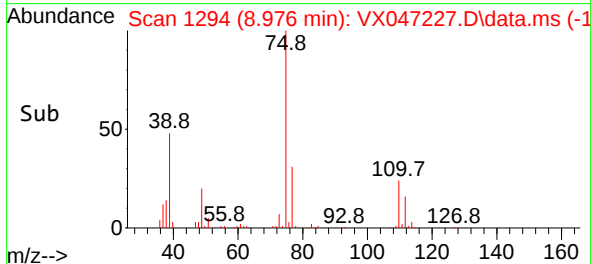
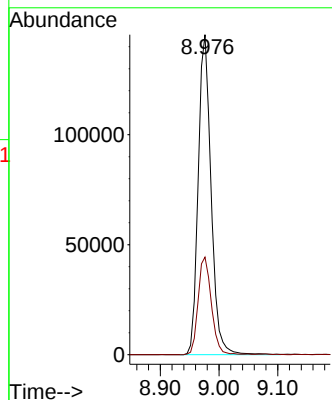
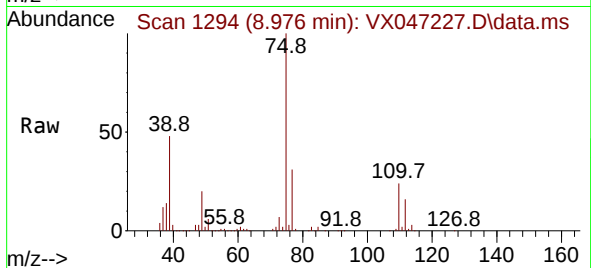
#53
t-1,3-Dichloropropene
Concen: 47.876 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 22152
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7

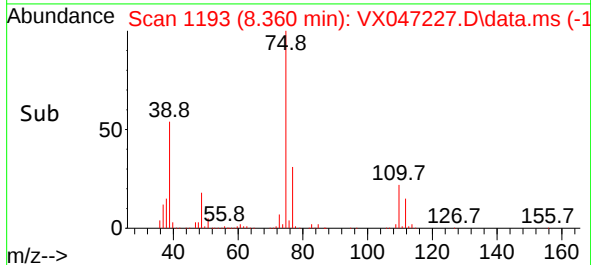
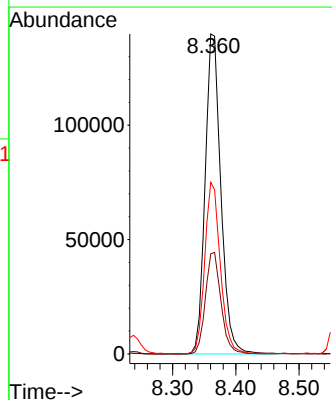
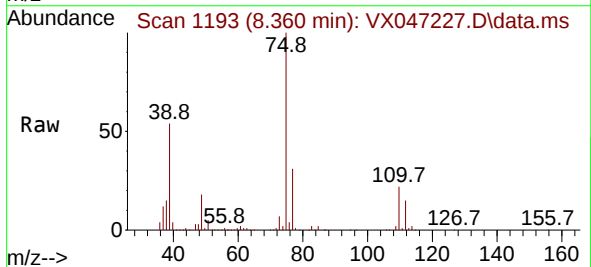
Manual Integrations
APPROVED

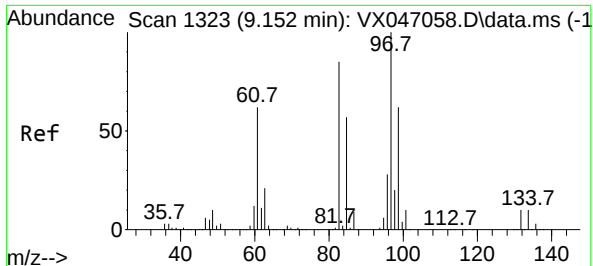
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#54
cis-1,3-Dichloropropene
Concen: 47.887 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 75 Resp: 242506
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 53.5 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 48.275 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 14590

Ion Ratio Lower Upper

97 100

83 86.8 68.0 102.0

85 57.0 45.2 67.8

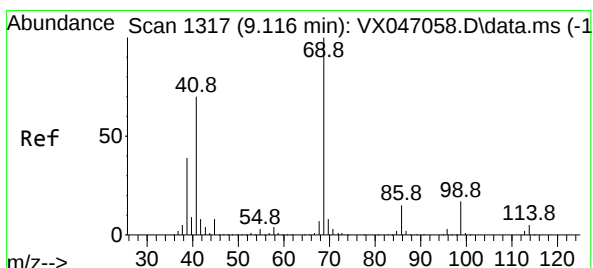
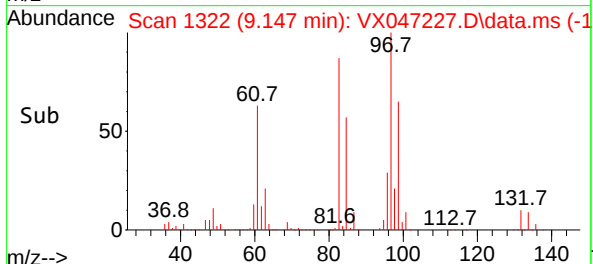
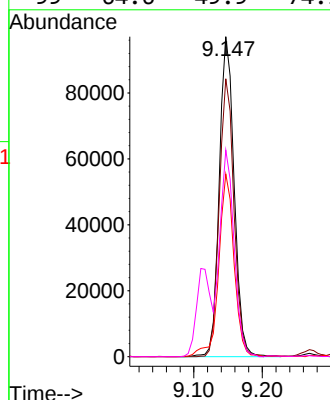
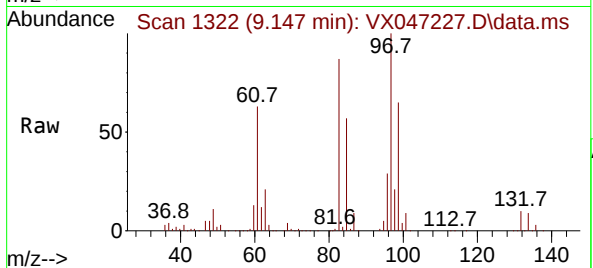
99 64.6 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#56

Ethyl methacrylate

Concen: 49.950 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

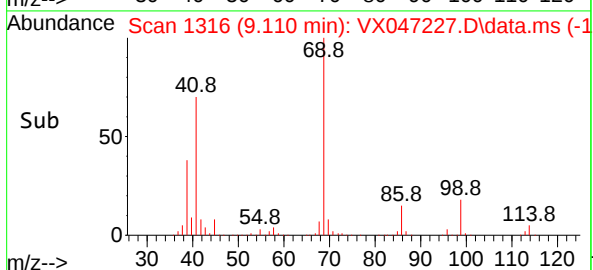
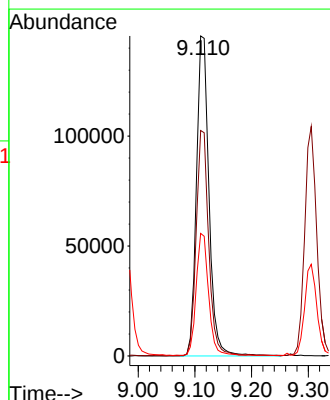
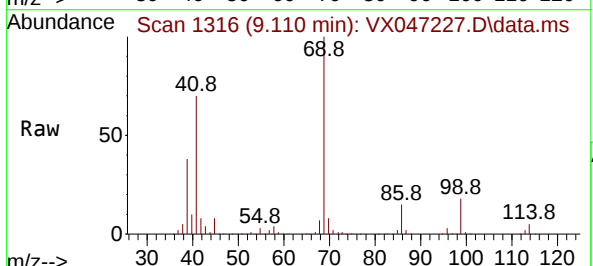
Tgt Ion: 69 Resp: 223496

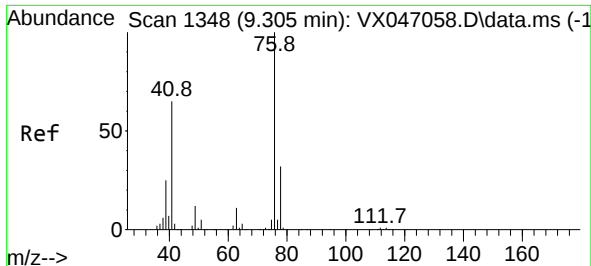
Ion Ratio Lower Upper

69 100

41 70.0 56.1 84.1

39 37.6 31.1 46.7





#57

1,3-Dichloropropane

Concen: 46.810 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 24588

Ion Ratio Lower Upper

76 100

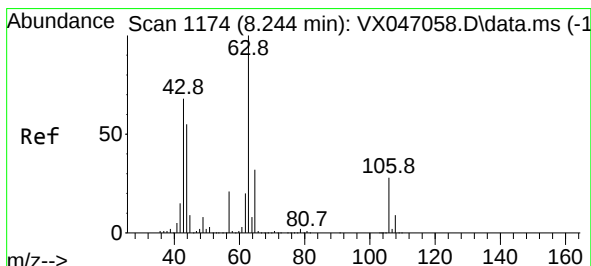
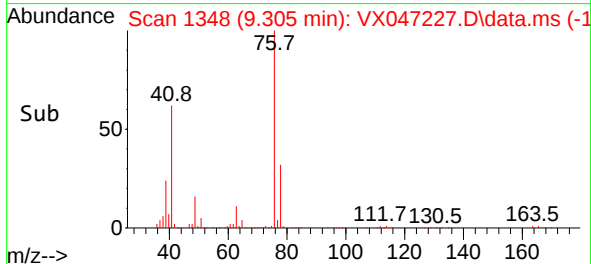
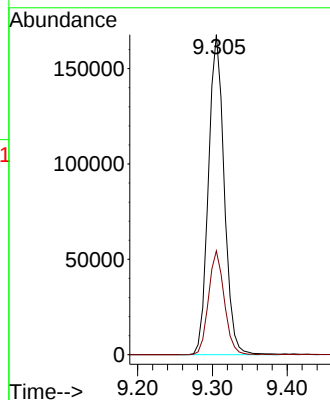
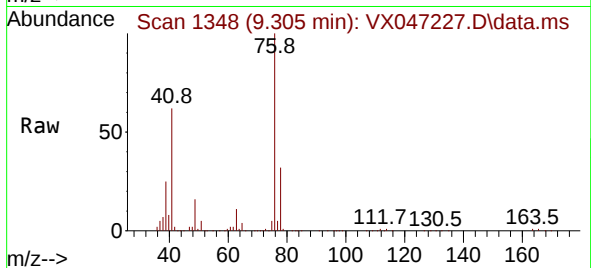
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#58

2-Chloroethyl Vinyl ether

Concen: 237.421 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047227.D

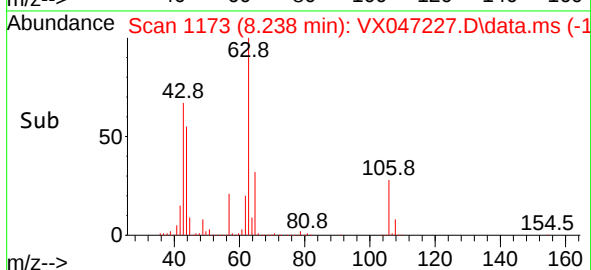
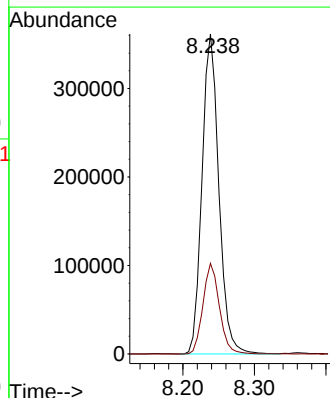
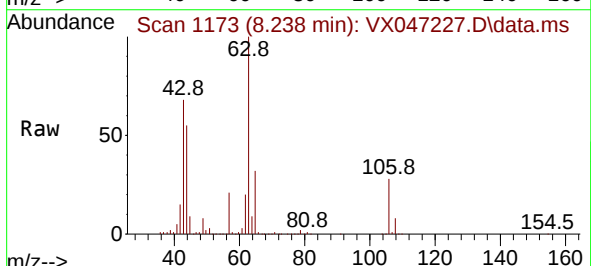
Acq: 04 Aug 2025 16:17

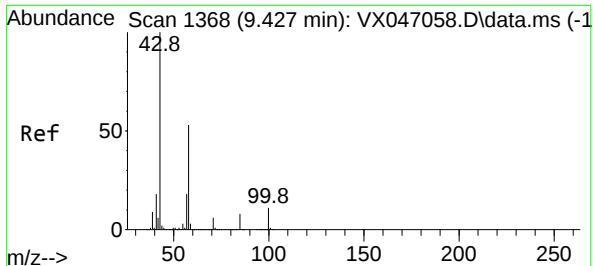
Tgt Ion: 63 Resp: 591143

Ion Ratio Lower Upper

63 100

106 27.6 22.2 33.4





#59

2-Hexanone

Concen: 233.255 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 59594

Ion Ratio Lower Upper

43 100

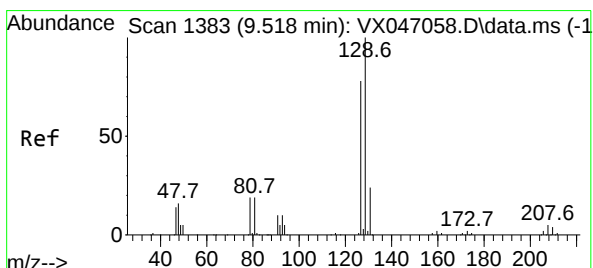
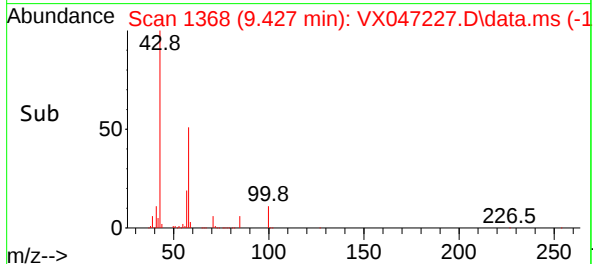
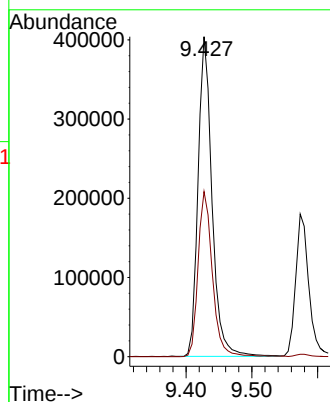
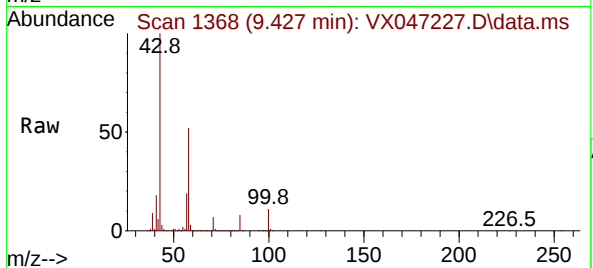
58 53.1 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#60

Dibromochloromethane

Concen: 49.053 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047227.D

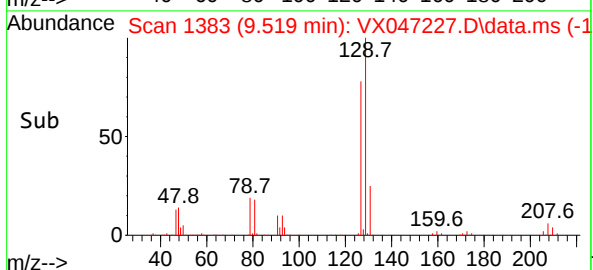
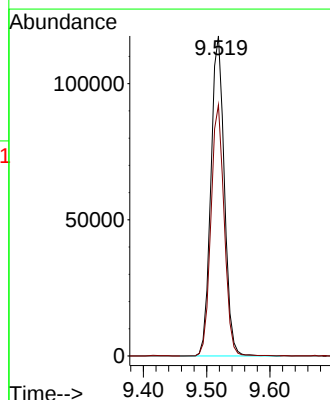
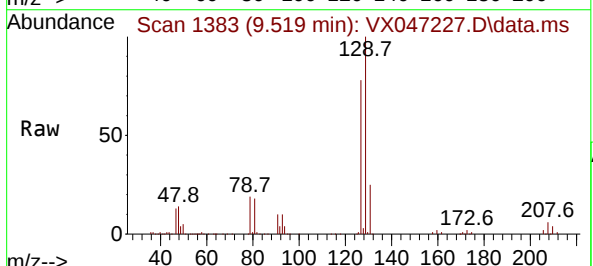
Acq: 04 Aug 2025 16:17

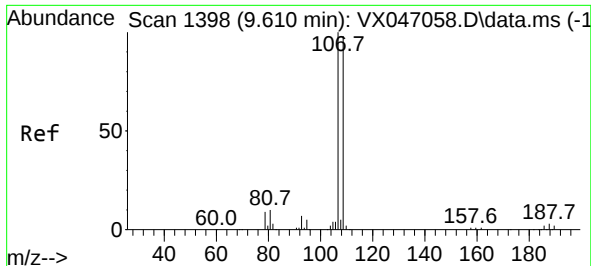
Tgt Ion:129 Resp: 173879

Ion Ratio Lower Upper

129 100

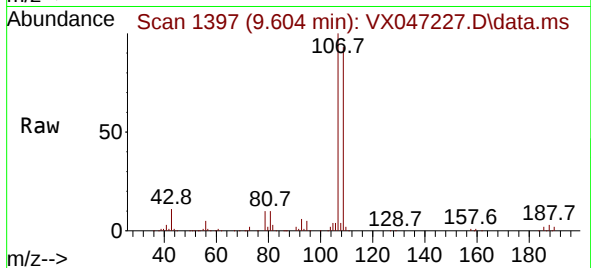
127 77.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 46.358 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

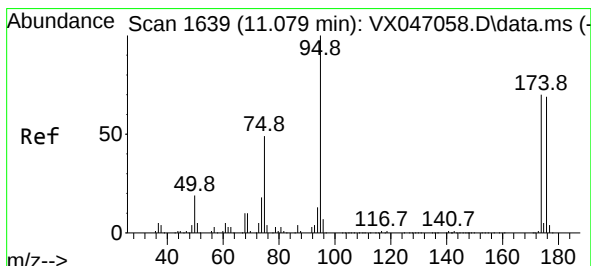
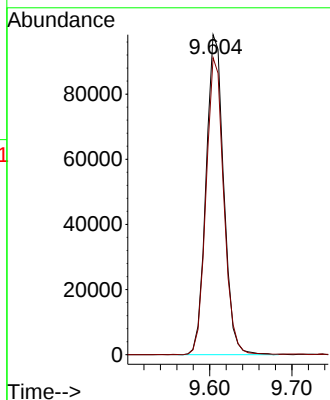
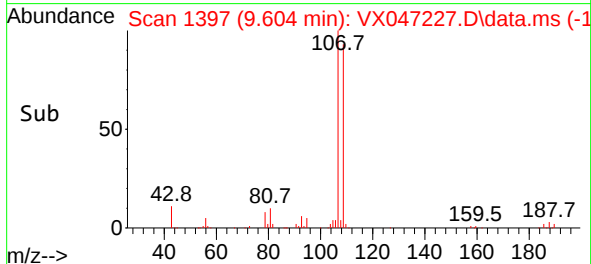
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 146504
Ion Ratio Lower Upper
107 100
109 93.2 74.6 112.0

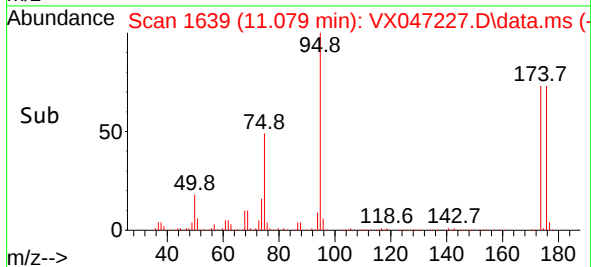
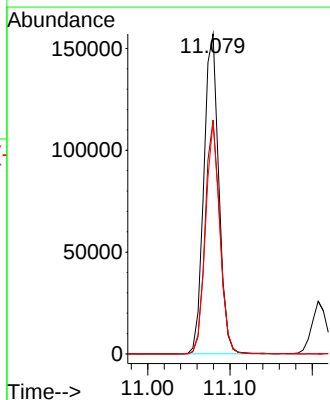
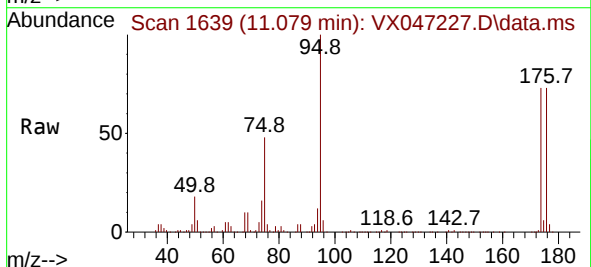
Manual Integrations
APPROVED

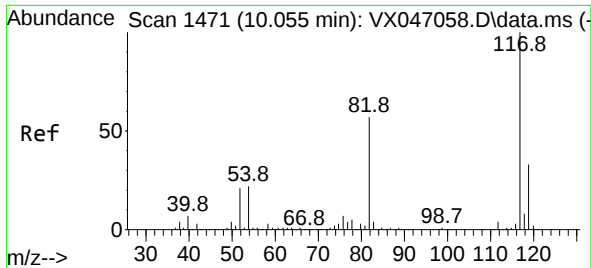
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#62
4-Bromofluorobenzene
Concen: 53.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

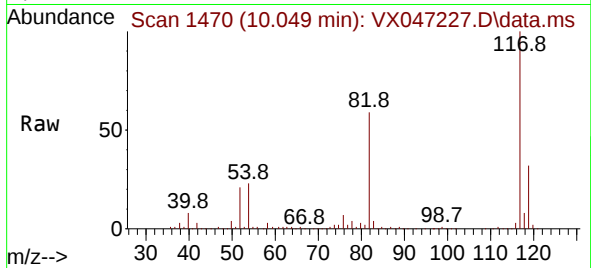
Tgt Ion: 95 Resp: 198123
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 69.1 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

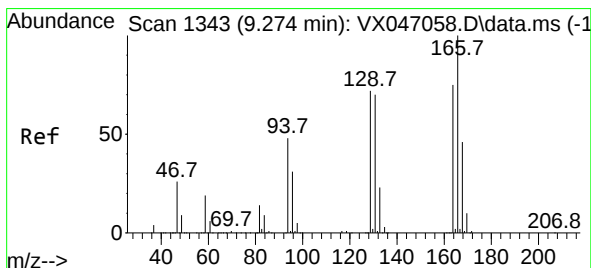
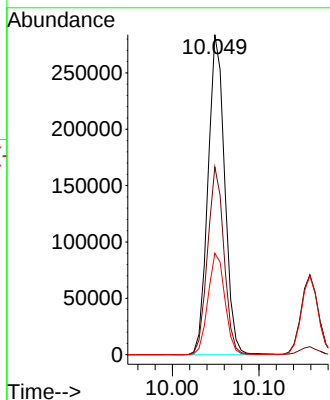
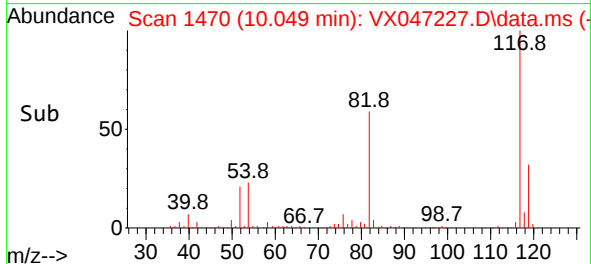
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 37966
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 31.7 26.1 39.1

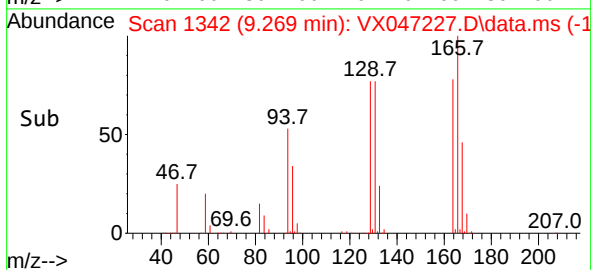
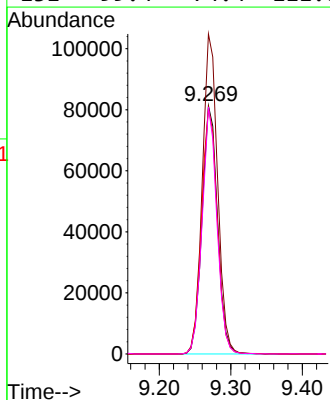
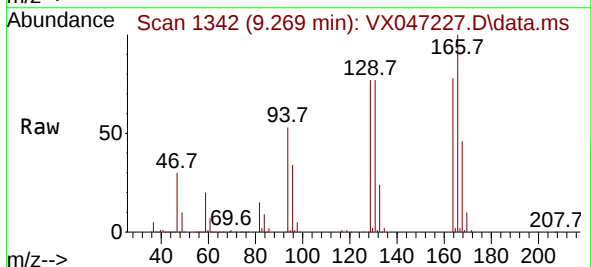
Manual Integrations
APPROVED

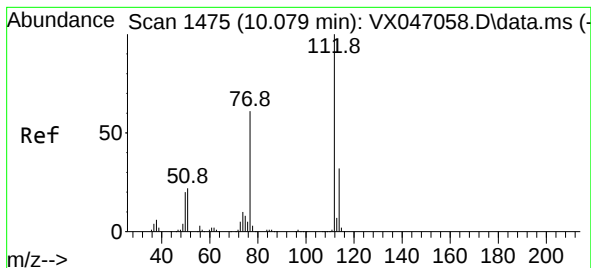
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#64
Tetrachloroethene
Concen: 44.647 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

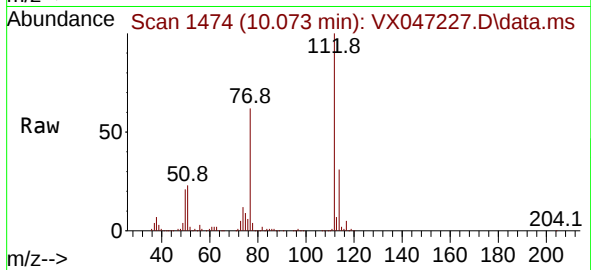
Tgt Ion:164 Resp: 122197
Ion Ratio Lower Upper
164 100
166 128.9 106.2 159.4
129 99.2 76.6 114.8
131 99.4 74.4 111.6





#65
Chlorobenzene
Concen: 47.146 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

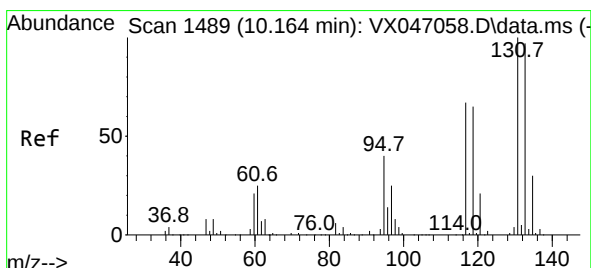
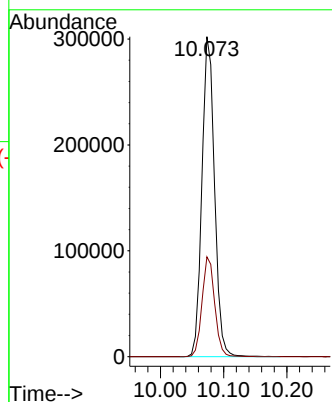
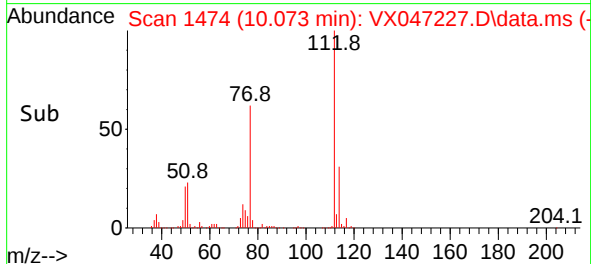
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 41933
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

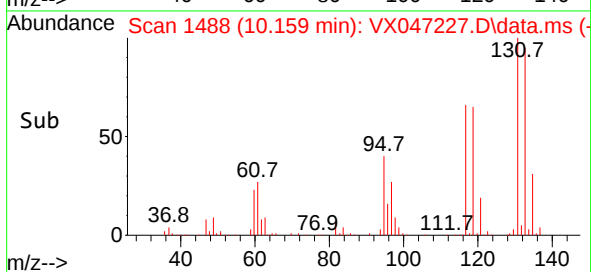
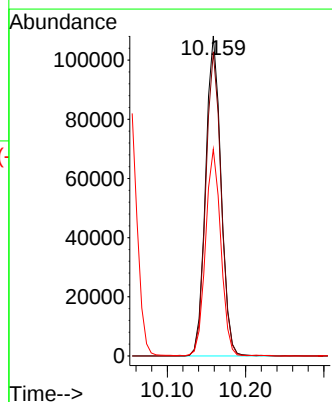
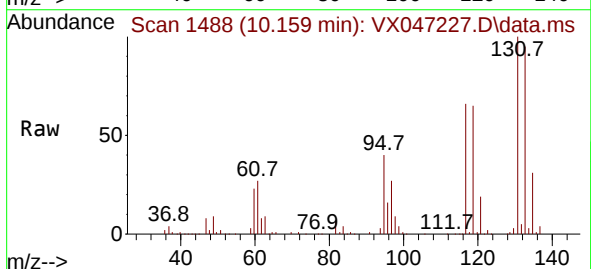
Manual Integrations
APPROVED

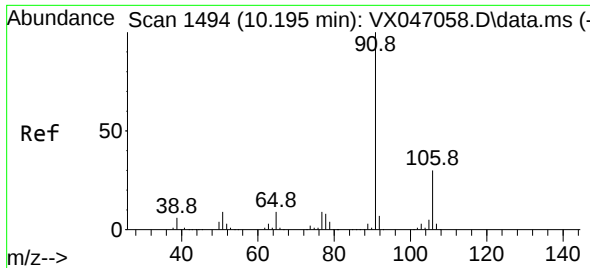
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.163 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

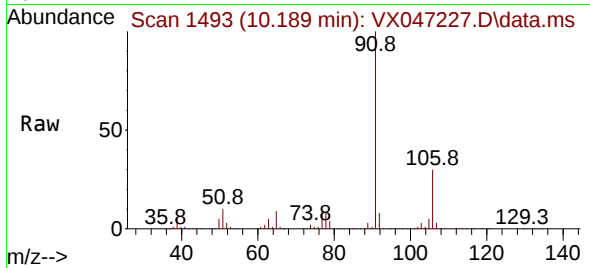
Tgt Ion:131 Resp: 147220
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.3
119 63.8 32.4 97.0





#67
Ethyl Benzene
Concen: 47.790 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

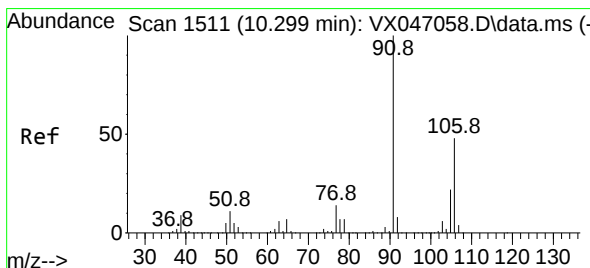
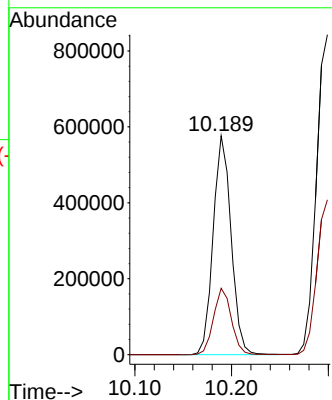
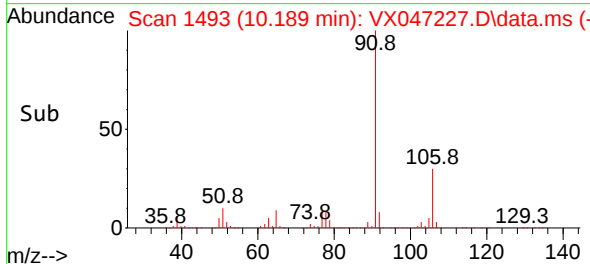
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 743192
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4

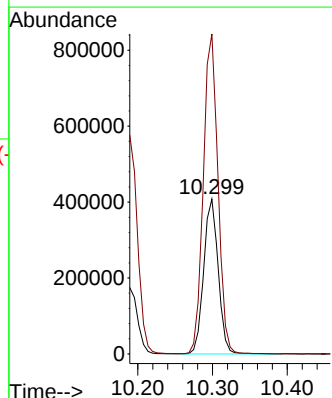
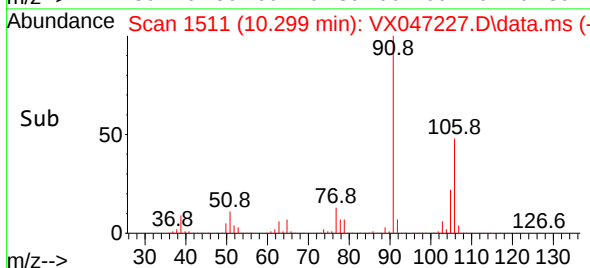
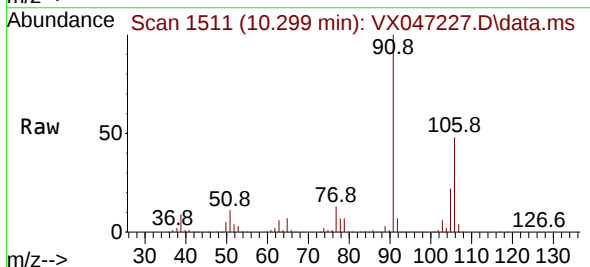
Manual Integrations
APPROVED

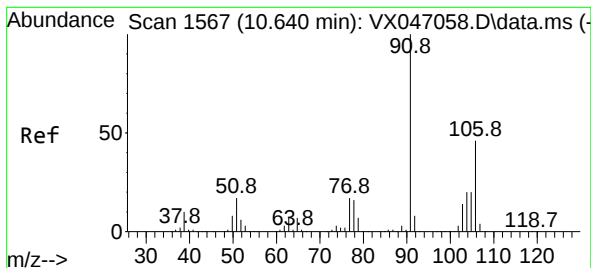
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#68
m/p-Xylenes
Concen: 94.185 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

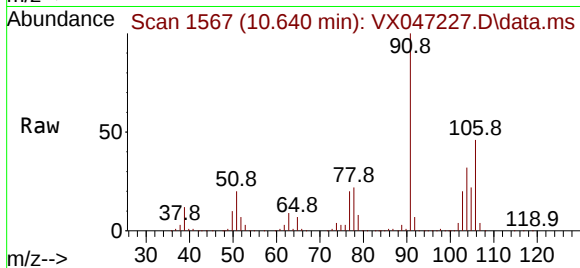
Tgt Ion:106 Resp: 548118
Ion Ratio Lower Upper
106 100
91 208.9 167.4 251.0





#69
o-Xylene
Concen: 48.328 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

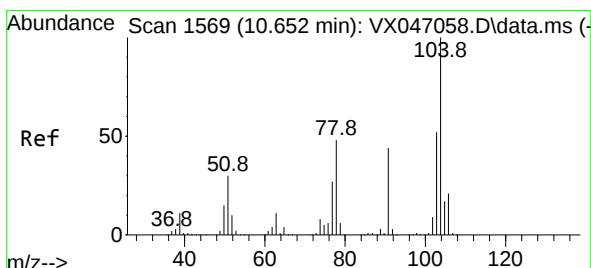
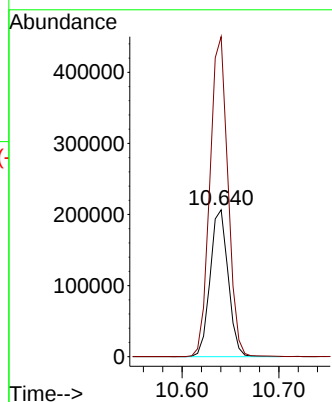
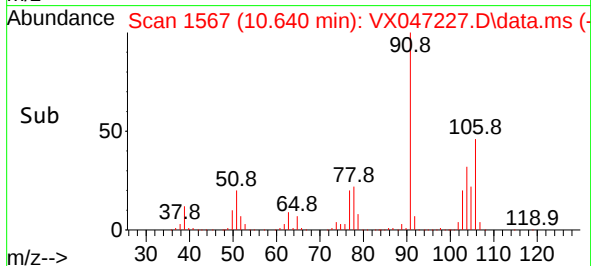
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 26755
Ion Ratio Lower Upper
106 100
91 218.4 110.3 331.0

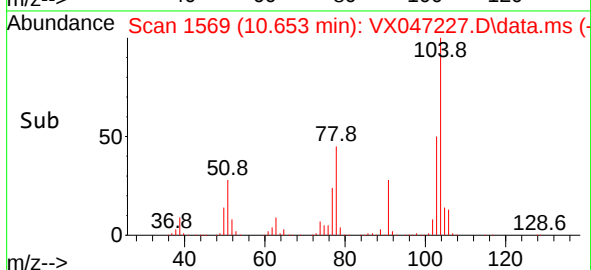
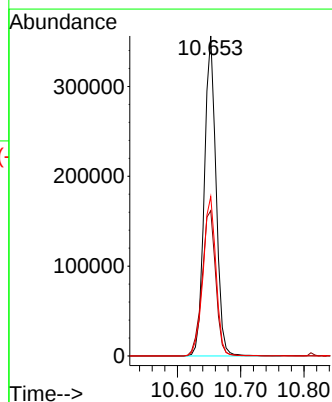
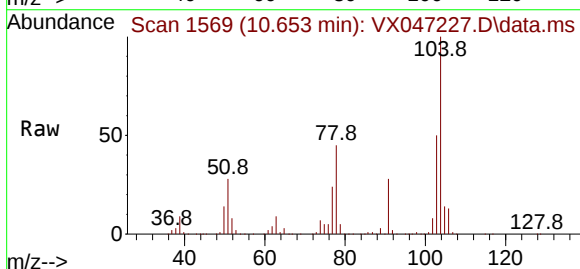
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#70
Styrene
Concen: 48.418 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:104 Resp: 459653
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 54.7 43.8 65.6





#71

Bromoform

Concen: 47.878 ug/l

RT: 10.793 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 108908

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

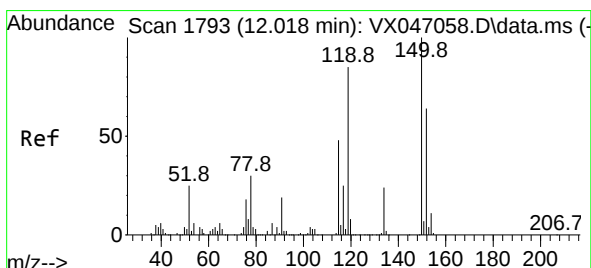
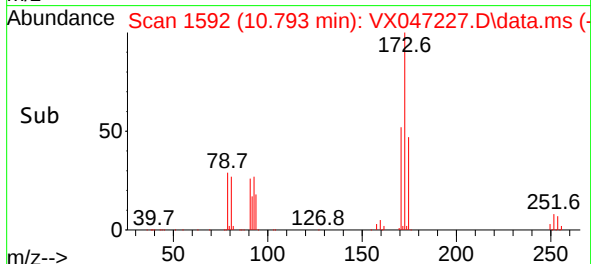
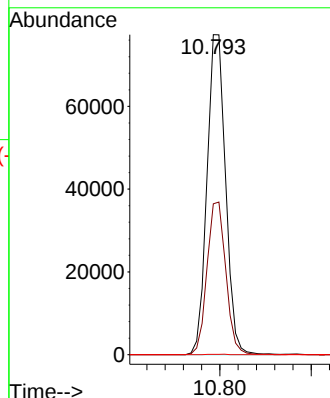
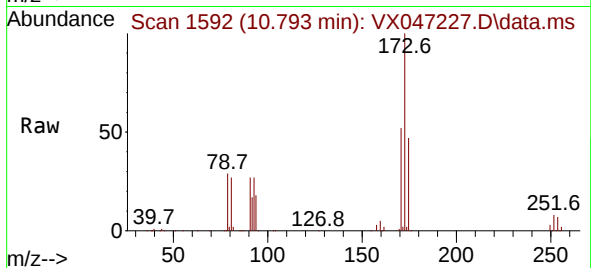
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

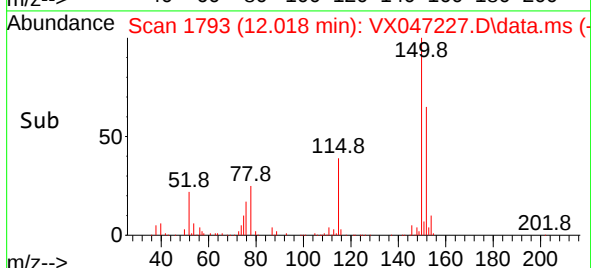
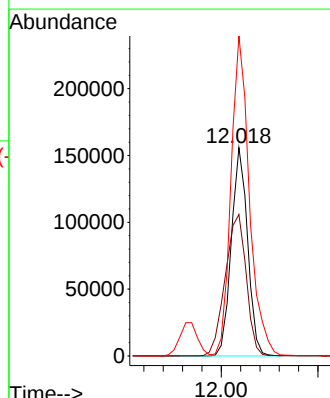
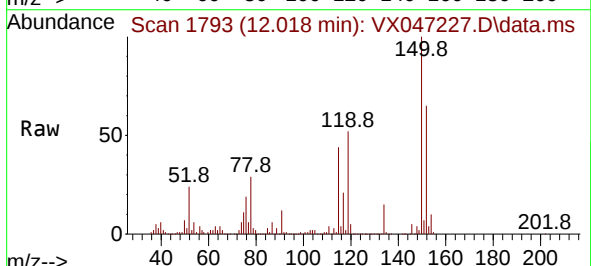
Tgt Ion:152 Resp: 182434

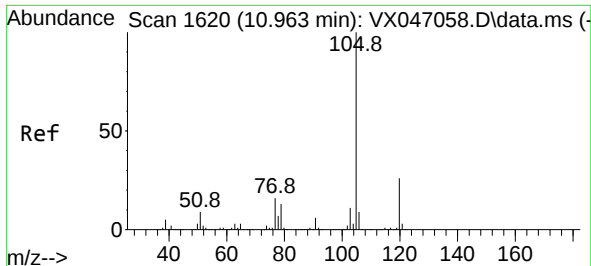
Ion Ratio Lower Upper

152 100

115 87.8 45.6 136.7

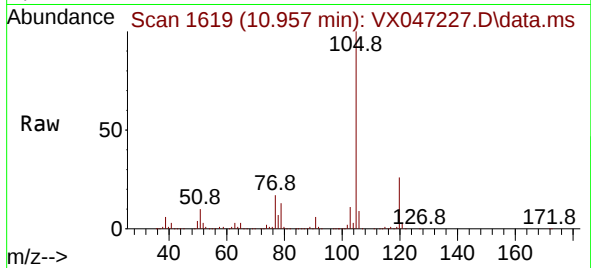
150 174.0 0.0 354.6





#73
Isopropylbenzene
Concen: 48.707 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

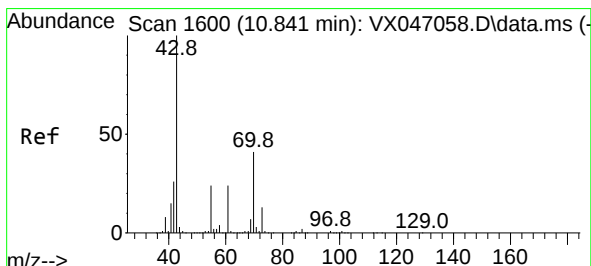
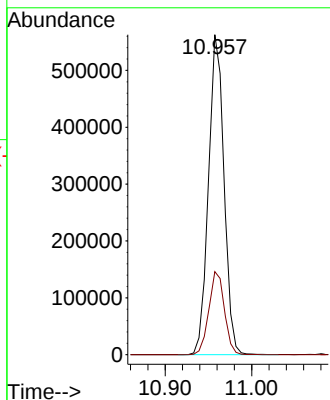
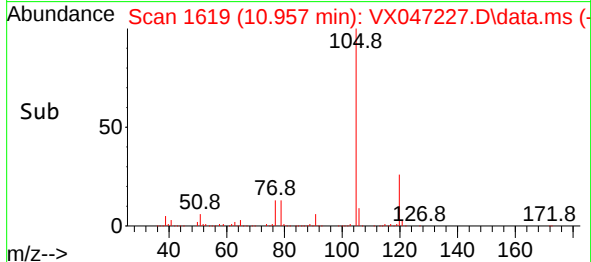
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 701038
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7

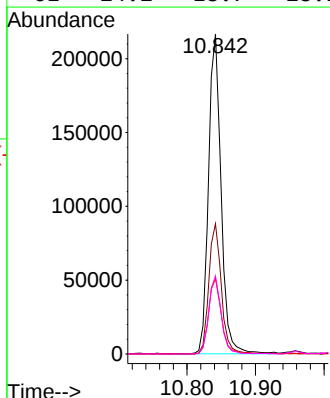
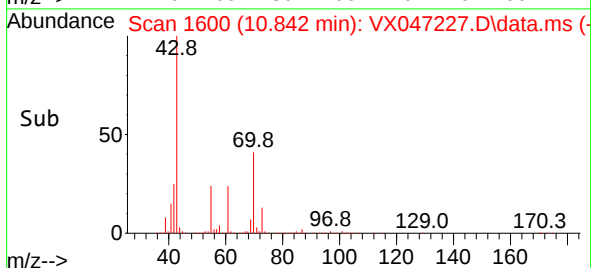
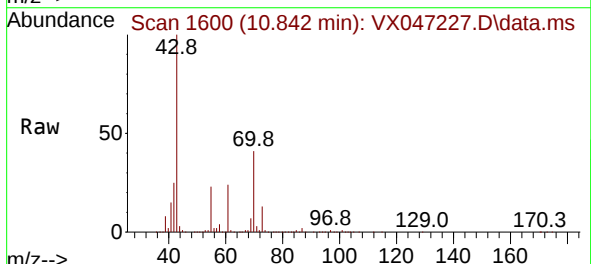
Manual Integrations
APPROVED

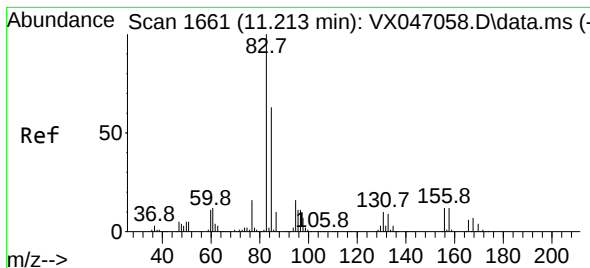
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#74
N-ethyl acetate
Concen: 47.680 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

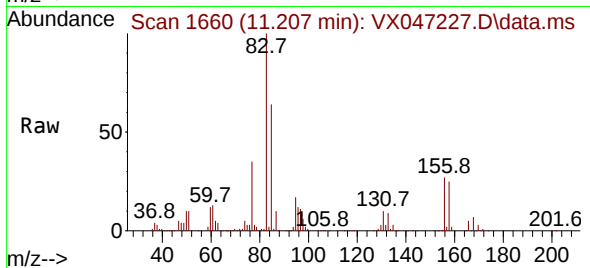
Tgt Ion: 43 Resp: 276893
Ion Ratio Lower Upper
43 100
70 40.7 32.3 48.5
55 23.9 18.9 28.3
61 24.2 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 47.630 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

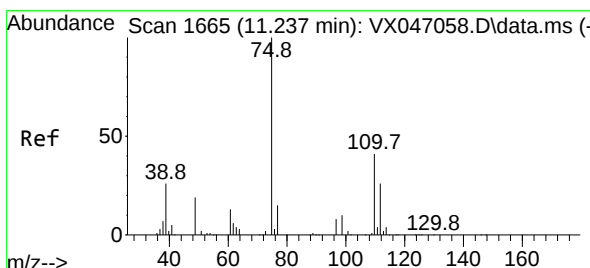
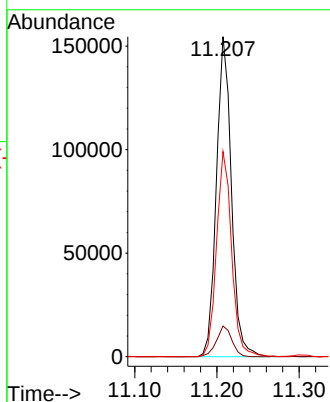
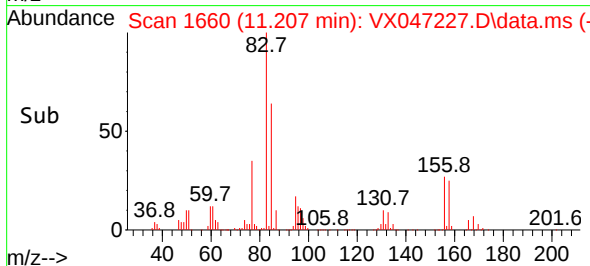
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 195819
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.5 32.0 96.2

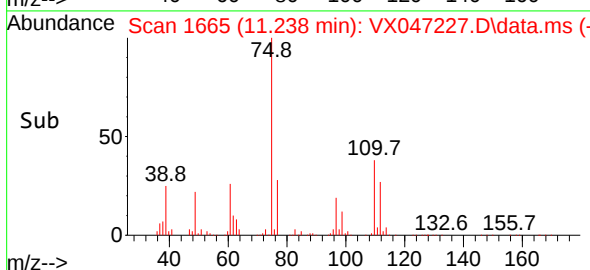
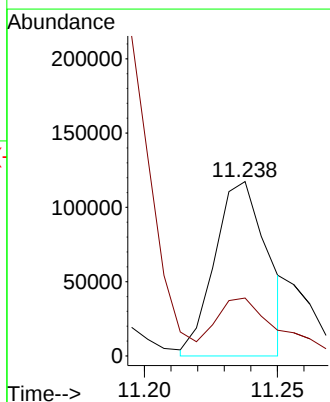
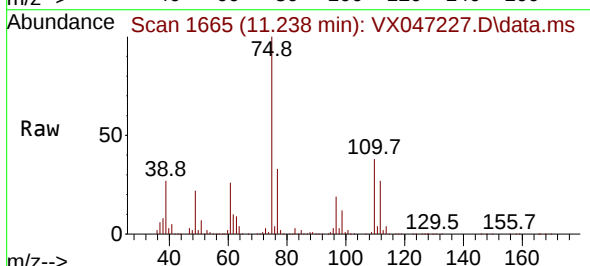
Manual Integrations
APPROVED

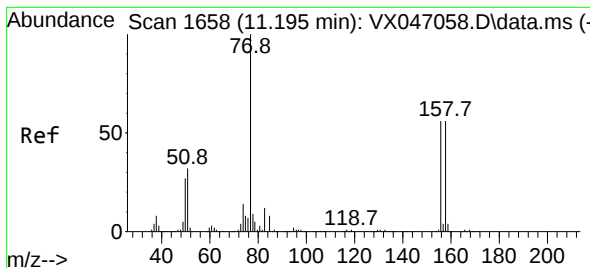
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#76
1,2,3-Trichloropropane
Concen: 47.772 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 75 Resp: 161315
Ion Ratio Lower Upper
75 100
77 39.4 21.6 65.0





#77

Bromobenzene

Concen: 48.617 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

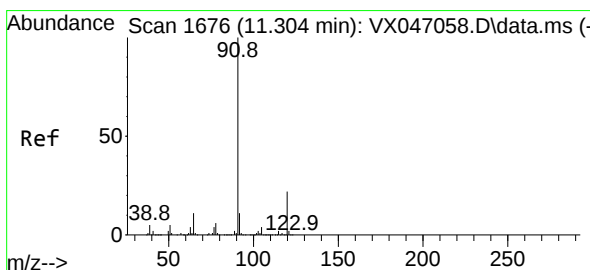
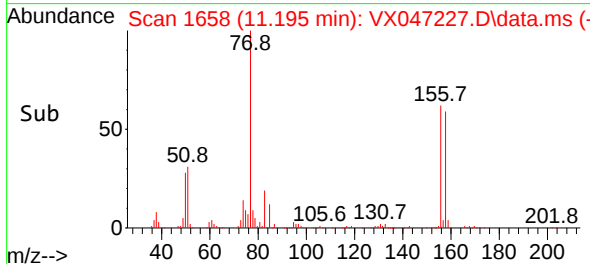
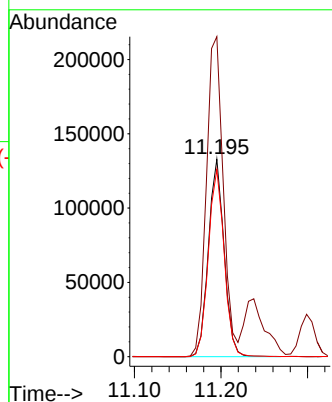
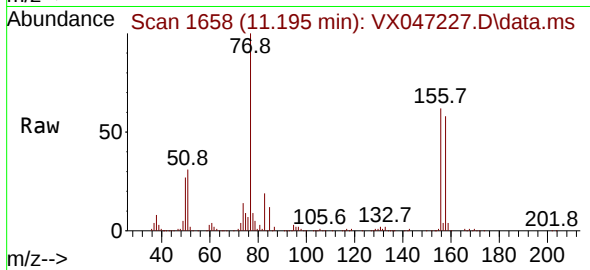
Tgt Ion:	156	Resp:	167830
Ion Ratio	Lower	Upper	
156	100		
77	173.0	87.3	261.9
158	95.9	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#78

n-propylbenzene

Concen: 48.673 ug/l

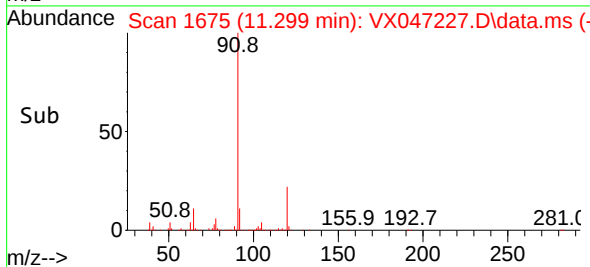
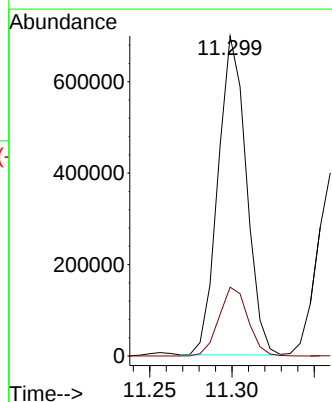
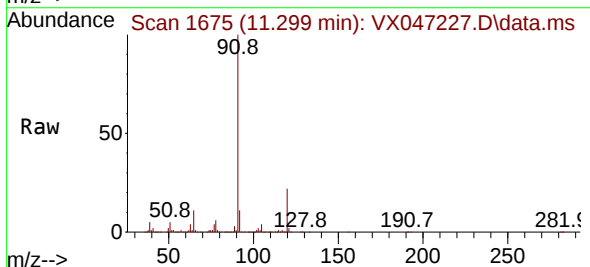
RT: 11.299 min Scan# 1675

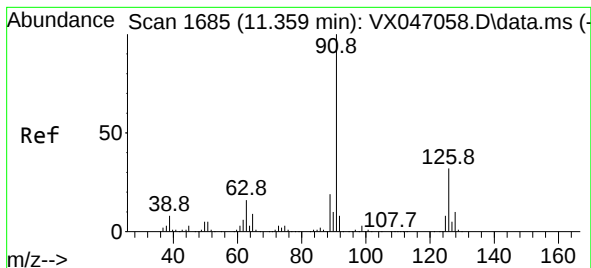
Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Tgt Ion:	91	Resp:	837135
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.0	33.0





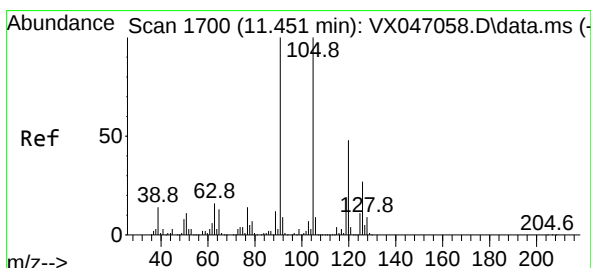
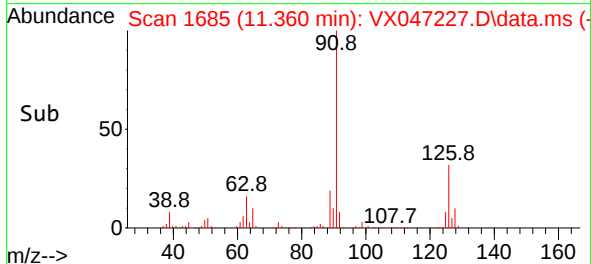
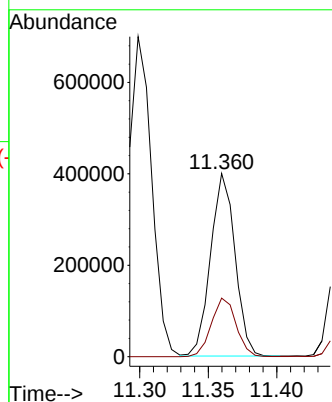
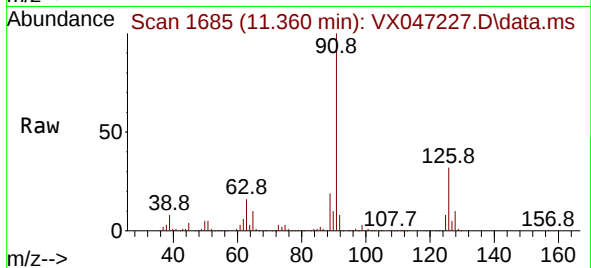
#79
2-Chlorotoluene
Concen: 48.178 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 49533
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

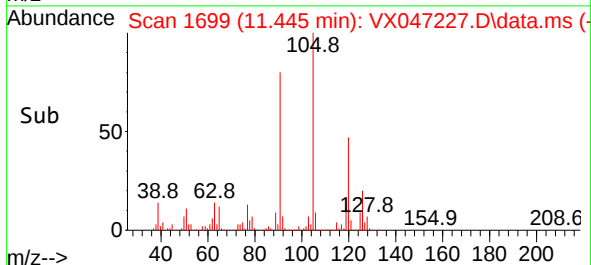
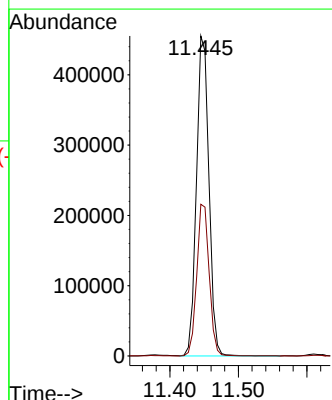
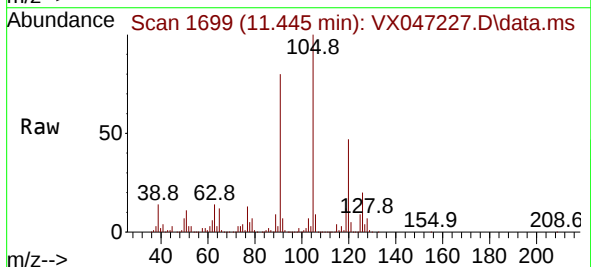
Manual Integrations
APPROVED

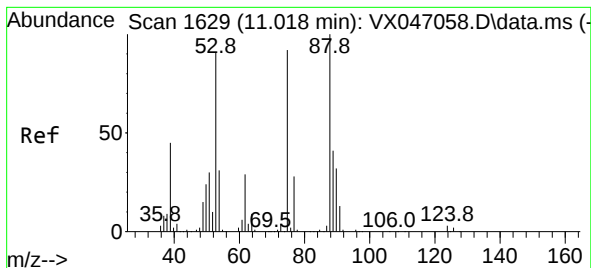
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.536 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

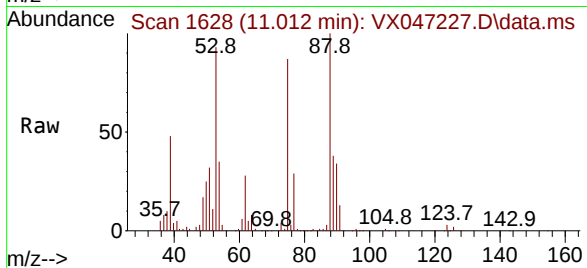
Tgt Ion:105 Resp: 577125
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 34.510 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

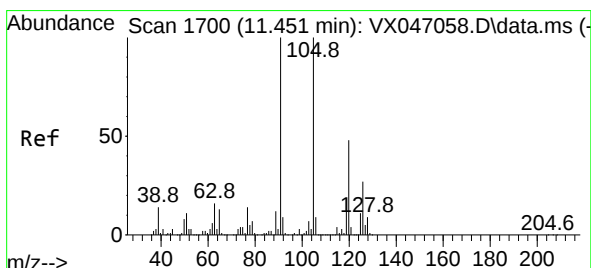
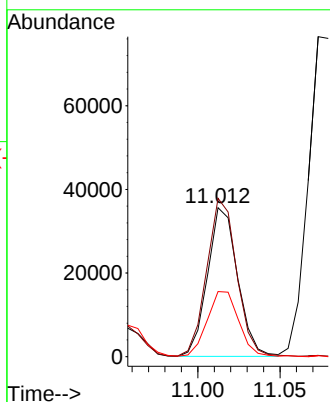
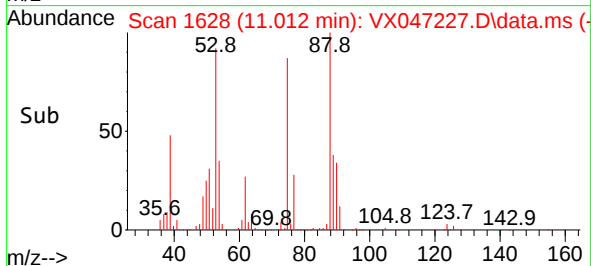
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 45230
Ion Ratio Lower Upper
75 100
53 105.2 84.2 126.4
89 46.4 36.0 54.0

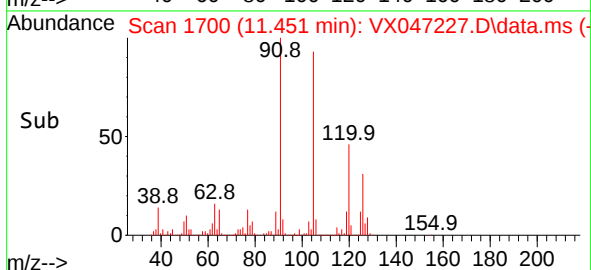
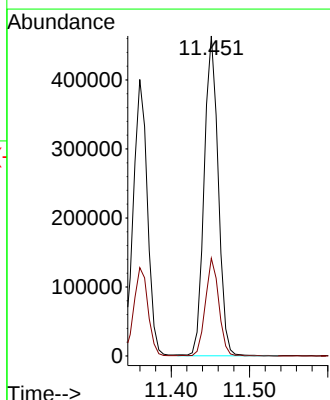
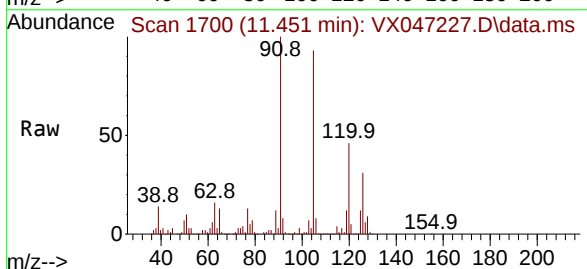
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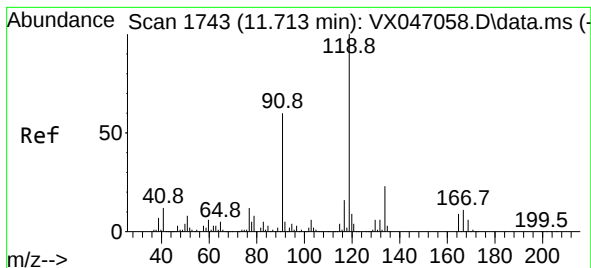
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#82
4-Chlorotoluene
Concen: 47.958 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 91 Resp: 575520
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.3





#83

tert-Butylbenzene

Concen: 49.440 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

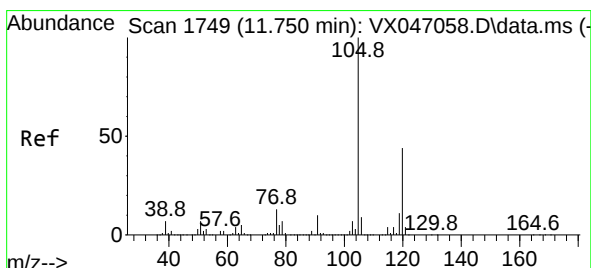
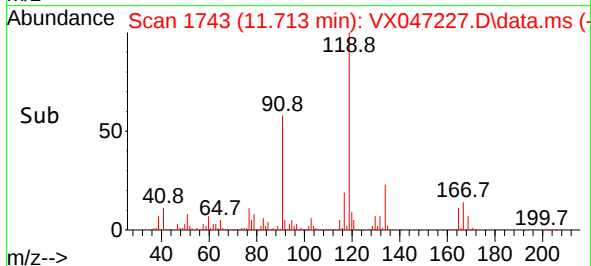
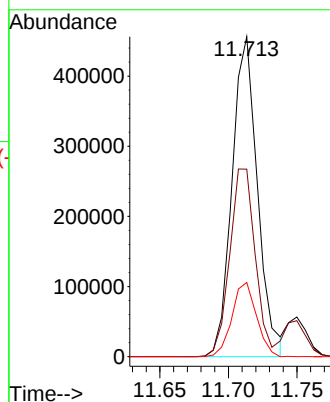
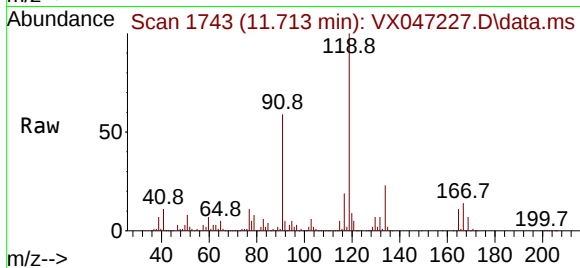
Tgt Ion:	119	Resp:	590049
Ion Ratio	Lower	Upper	
119	100		
91	58.8	29.6	88.8
134	22.5	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#84

1,2,4-Trimethylbenzene

Concen: 48.853 ug/l

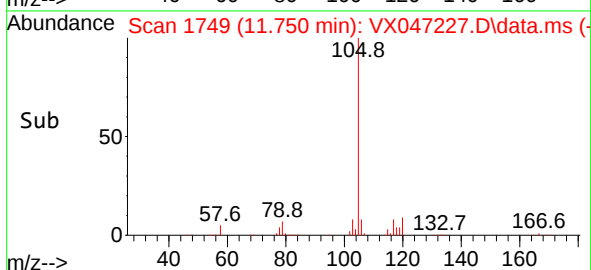
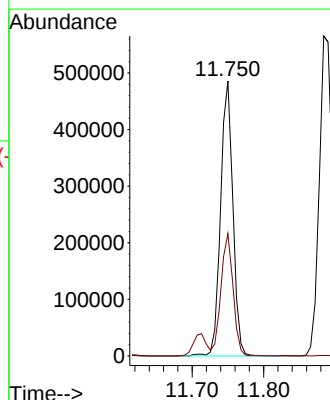
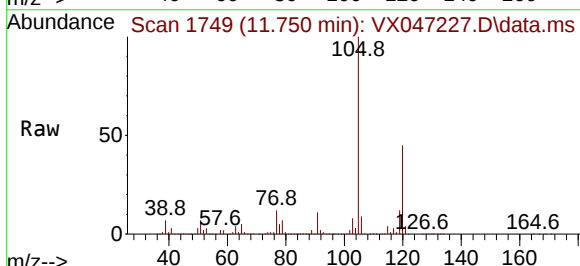
RT: 11.750 min Scan# 1749

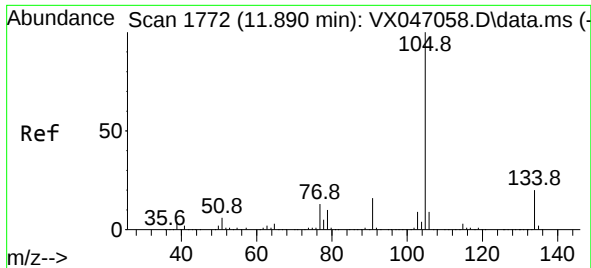
Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Tgt Ion:	105	Resp:	579399
Ion Ratio	Lower	Upper	
105	100		
120	43.8	22.0	66.0





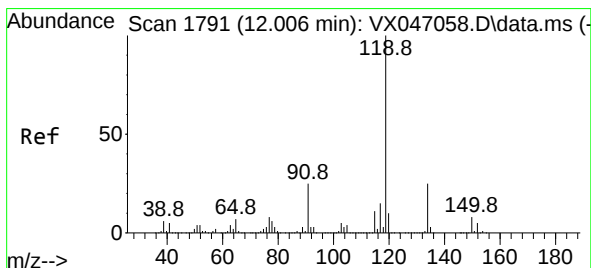
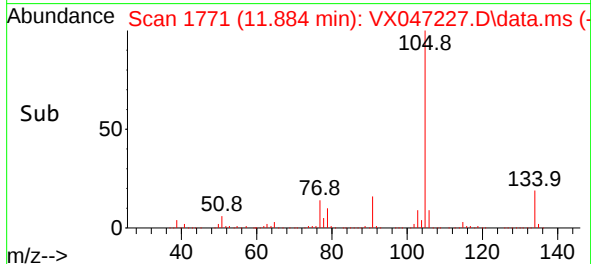
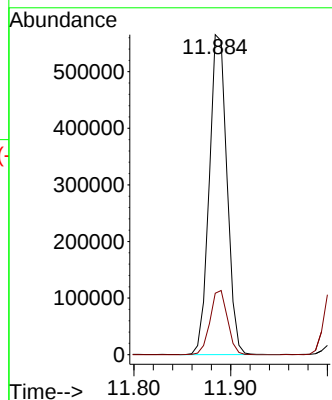
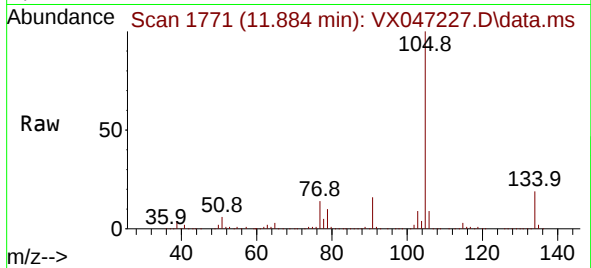
#85
 sec-Butylbenzene
 Concen: 48.299 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 72023
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

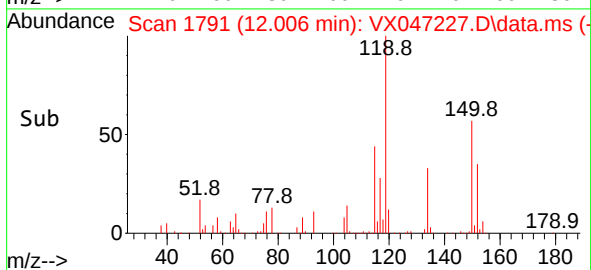
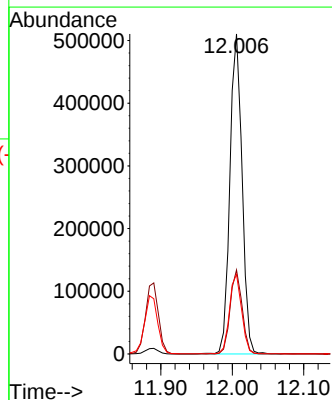
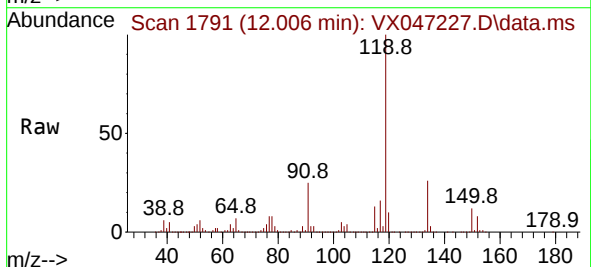
Manual Integrations
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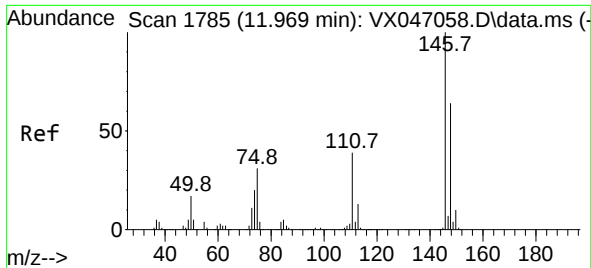
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#86
 p-Isopropyltoluene
 Concen: 48.641 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

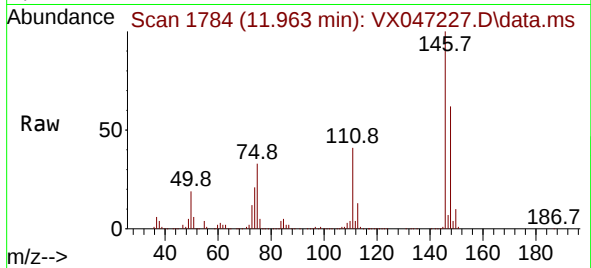
Tgt Ion:119 Resp: 601501
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.9 12.4 37.4





#87
 1,3-Dichlorobenzene
 Concen: 47.883 ug/l
 RT: 11.963 min Scan# 1784
 Delta R.T. -0.006 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17

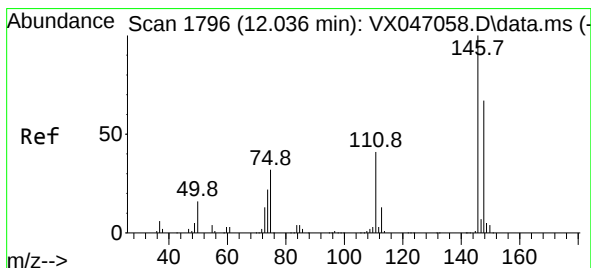
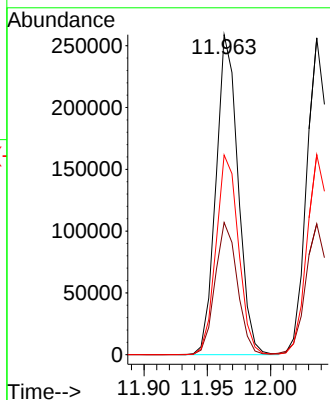
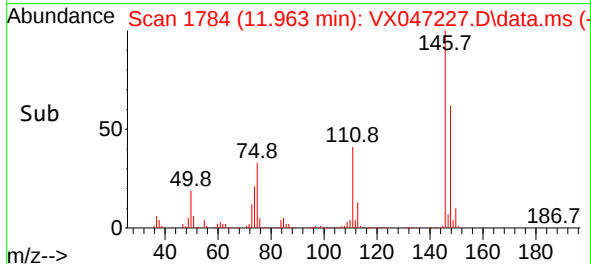
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



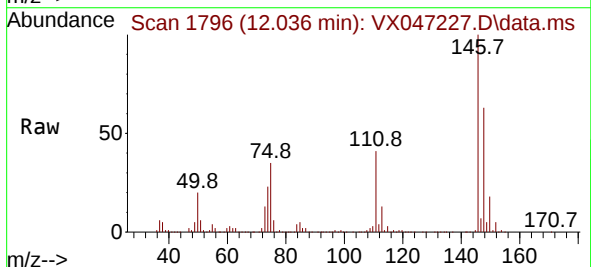
Tgt Ion:146 Resp: 314080
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.0 63.0
 148 63.6 32.0 96.0

Manual Integrations
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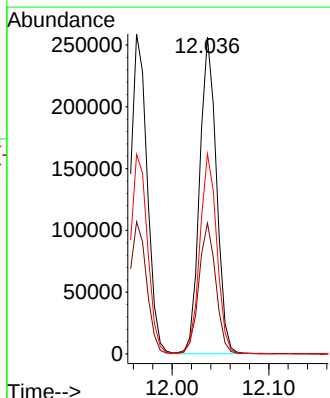
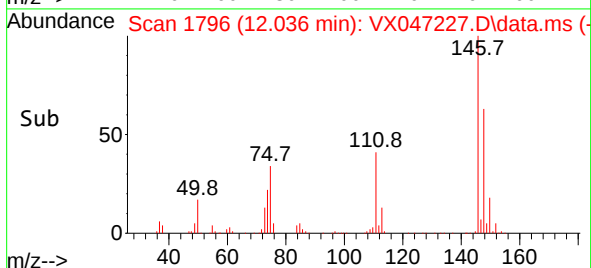
Reviewed By :John Carlone 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#88
 1,4-Dichlorobenzene
 Concen: 46.627 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX047227.D
 Acq: 04 Aug 2025 16:17



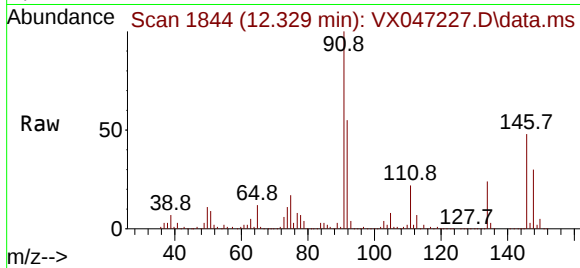
Tgt Ion:146 Resp: 309864
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 63.6 33.0 98.9





#89
n-Butylbenzene
Concen: 48.178 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

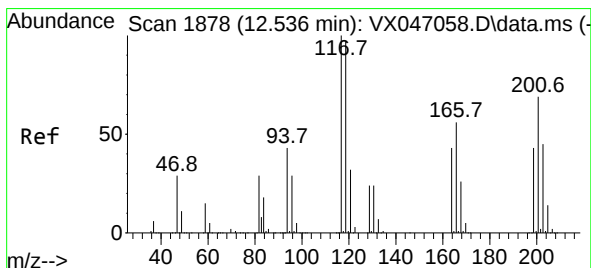
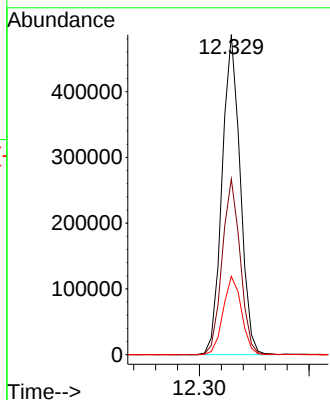
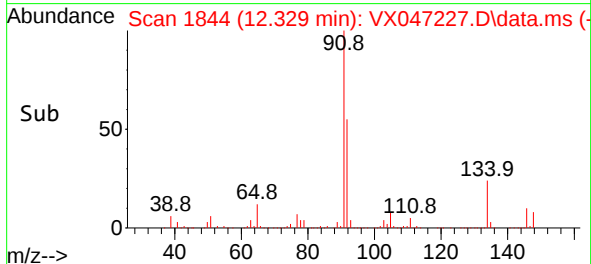
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 558709
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.5
134 24.9 12.8 38.3

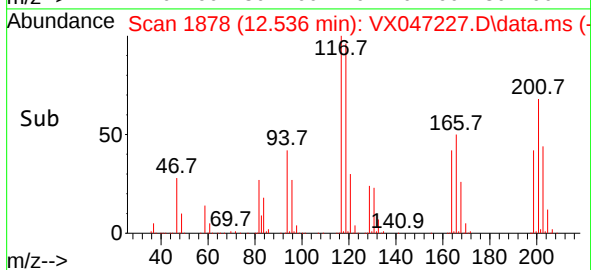
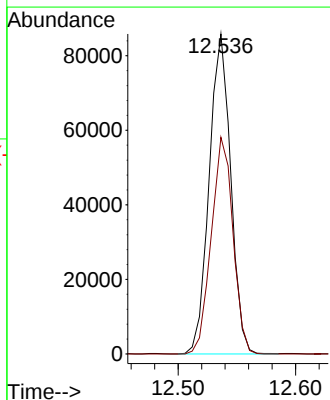
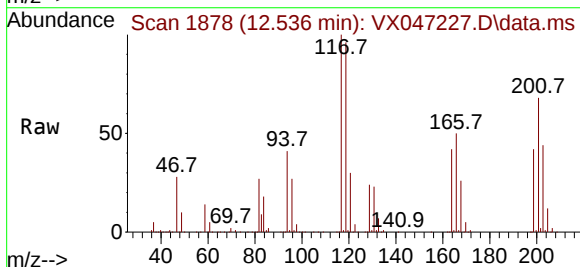
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#90
Hexachloroethane
Concen: 49.350 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

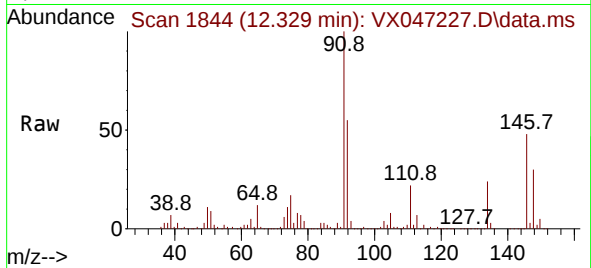
Tgt Ion:117 Resp: 109173
Ion Ratio Lower Upper
117 100
201 68.4 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 47.508 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

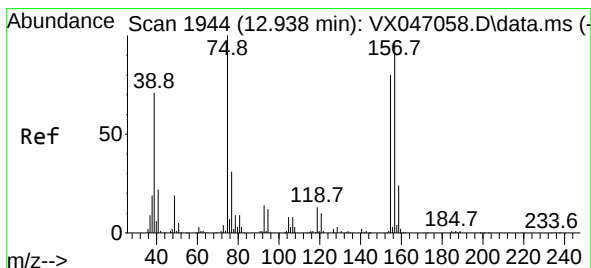
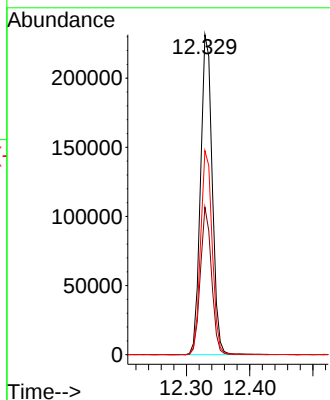
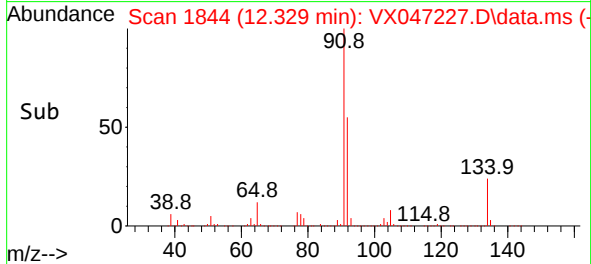
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 29783
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 63.4 31.9 95.7

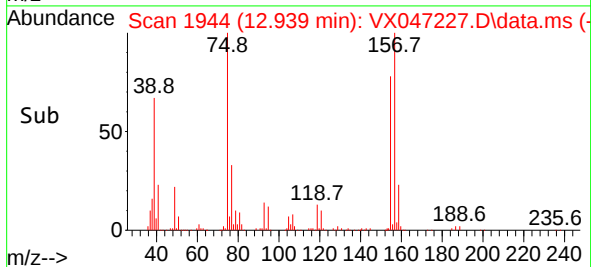
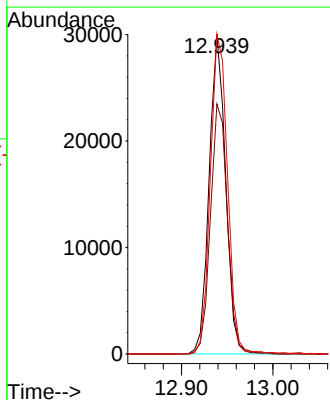
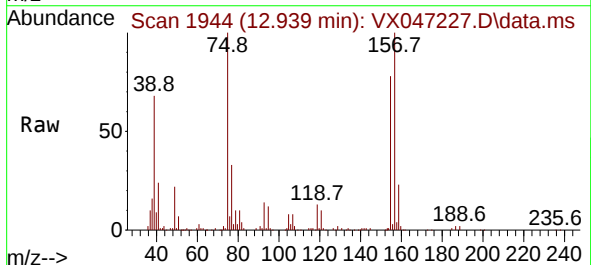
Manual Integrations
APPROVED

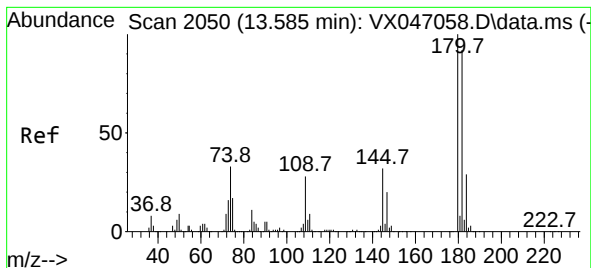
Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.640 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion: 75 Resp: 37596
Ion Ratio Lower Upper
75 100
155 80.4 41.3 124.1
157 104.7 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 47.803 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

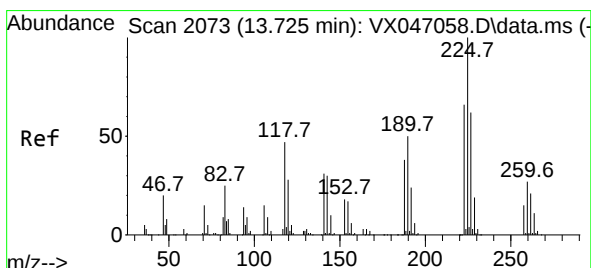
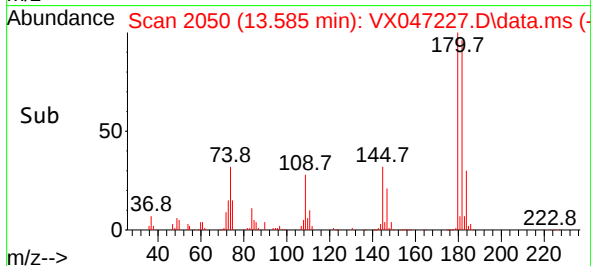
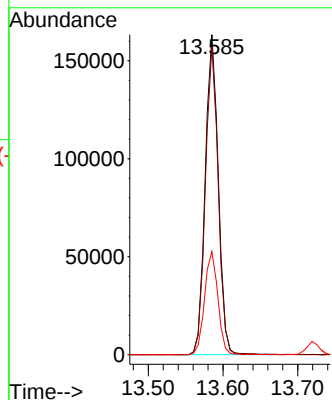
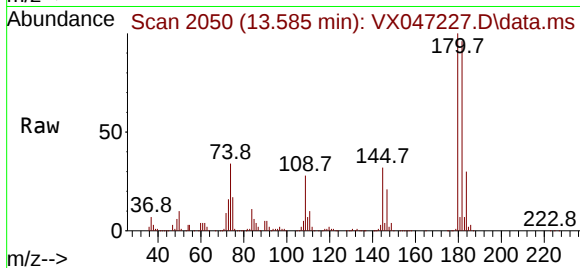
Tgt Ion:180 Resp: 198004
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.8
 145 32.9 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#94

Hexachlorobutadiene

Concen: 49.413 ug/l

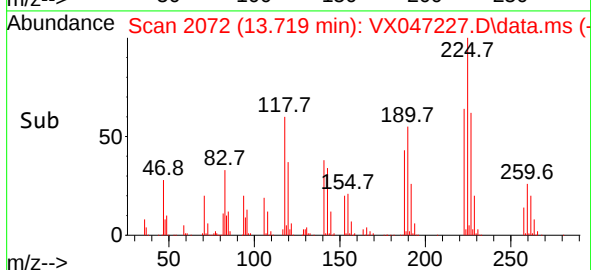
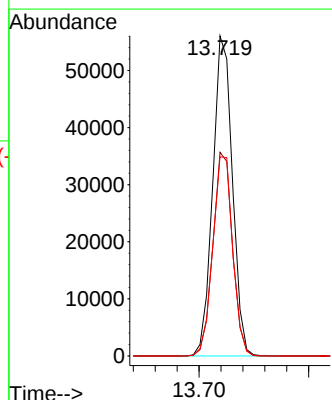
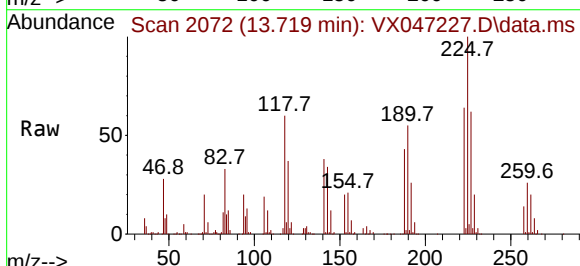
RT: 13.719 min Scan# 2072

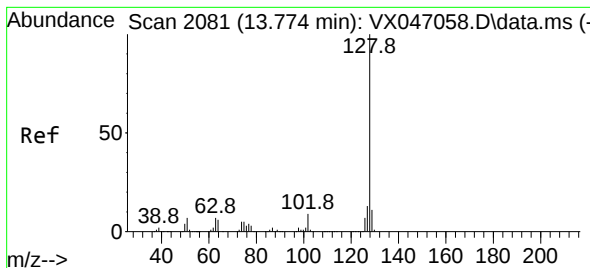
Delta R.T. -0.006 min

Lab File: VX047227.D

Acq: 04 Aug 2025 16:17

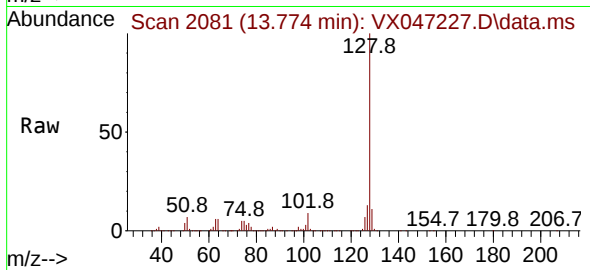
Tgt Ion:225 Resp: 69606
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.6 95.0
 227 63.3 32.9 98.6





#95
Naphthalene
Concen: 48.584 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

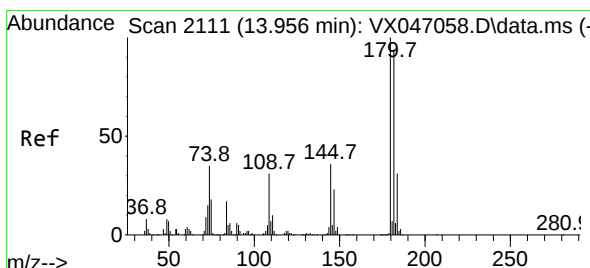
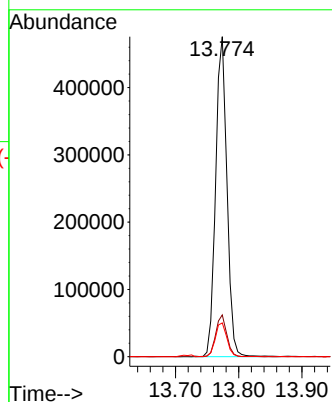
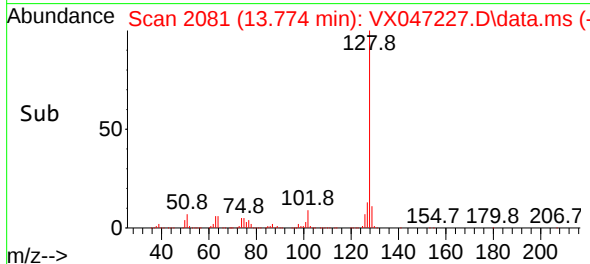
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 589940
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.780 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047227.D
Acq: 04 Aug 2025 16:17

Tgt Ion:180 Resp: 190659
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 34.3 17.3 52.0

