

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047282.D
 Acq On : 08 Aug 2025 19:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 11 02:07:16 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
 APPROVED

Reviewed By : John Carlone 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	223569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	376419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	127527	45.791	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.580%		
35) Dibromofluoromethane	5.397	113	114904	49.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.652	98	328148	43.598	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.200%#		
62) 4-Bromofluorobenzene	11.079	95	156345	48.202	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	162547	54.738	ug/l	96
3) Chloromethane	1.306	50	141929	48.317	ug/l	99
4) Vinyl Chloride	1.392	62	165413	52.385	ug/l	98
5) Bromomethane	1.623	94	88164	51.400	ug/l	100
6) Chloroethane	1.702	64	97747	47.132	ug/l	96
7) Trichlorofluoromethane	1.904	101	244671	51.964	ug/l	99
8) Diethyl Ether	2.148	74	83516	50.307	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	145704	51.364	ug/l	98
10) Methyl Iodide	2.471	142	211682	73.219	ug/l	98
11) Tert butyl alcohol	2.958	59	78281	240.041	ug/l	97
12) 1,1-Dichloroethene	2.337	96	143009	50.900	ug/l	99
13) Acrolein	2.245	56	210649	351.285	ug/l	98
14) Allyl chloride	2.678	41	247843	48.800	ug/l	97
15) Acrylonitrile	3.074	53	323246	243.367	ug/l	100
16) Acetone	2.391	43	248781	222.989	ug/l	99
17) Carbon Disulfide	2.532	76	392208	48.253	ug/l	98
18) Methyl Acetate	2.715	43	158156	53.344	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	442075	51.700	ug/l	100
20) Methylene Chloride	2.806	84	156180	50.885	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	146618	50.996	ug/l	98
22) Diisopropyl ether	3.769	45	503995	51.615	ug/l	99
23) Vinyl Acetate	3.733	43	2035753	259.936	ug/l	100
24) 1,1-Dichloroethane	3.623	63	272085	50.110	ug/l	98
25) 2-Butanone	4.562	43	352002	216.683	ug/l	96
26) 2,2-Dichloropropane	4.489	77	203965	48.526	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	171848	50.475	ug/l	98
28) Bromochloromethane	4.909	49	126972	50.829	ug/l	99
29) Tetrahydrofuran	5.019	42	231063	220.448	ug/l	98
30) Chloroform	5.104	83	276254	49.981	ug/l	98
31) Cyclohexane	5.476	56	250982	48.207	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	243289	50.677	ug/l	99
36) 1,1-Dichloropropene	5.702	75	196228	49.531	ug/l	99
37) Ethyl Acetate	4.720	43	194381	53.247	ug/l	95
38) Carbon Tetrachloride	5.690	117	211407	49.997	ug/l	99
39) Methylcyclohexane	7.384	83	235259	47.562	ug/l	98
40) Benzene	6.049	78	577990	50.413	ug/l	100

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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)
41) Methacrylonitrile	4.928	41	84085	44.053	ug/l	93
42) 1,2-Dichloroethane	6.092	62	201378	49.862	ug/l	100
43) Isopropyl Acetate	6.348	43	295758	51.969	ug/l	99
44) Trichloroethene	7.128	130	148540	50.523	ug/l	91
45) 1,2-Dichloropropane	7.433	63	142529	49.635	ug/l	97
46) Dibromomethane	7.586	93	103501	51.399	ug/l	99
47) Bromodichloromethane	7.823	83	215347	50.243	ug/l	97
48) Methyl methacrylate	7.695	41	149440	48.202	ug/l	98
49) 1,4-Dioxane	7.671	88	31239	885.916	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	836341	247.242	ug/l	99
52) Toluene	8.720	92	357473	50.708	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	201270	49.728	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	220145	49.696	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	131669	49.803	ug/l	98
56) Ethyl methacrylate	9.116	69	209406	53.503	ug/l	99
57) 1,3-Dichloropropane	9.311	76	227338	49.477	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	544510	250.007	ug/l	99
59) 2-Hexanone	9.433	43	577028	258.192	ug/l	100
60) Dibromochloromethane	9.518	129	157457	50.781	ug/l	99
61) 1,2-Dibromoethane	9.610	107	135976	49.187	ug/l	99
64) Tetrachloroethene	9.274	164	119284	50.630	ug/l	98
65) Chlorobenzene	10.079	112	391617	51.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	134530	52.190	ug/l	98
67) Ethyl Benzene	10.195	91	695474	51.953	ug/l	100
68) m/p-Xylenes	10.299	106	520725	103.947	ug/l	98
69) o-Xylene	10.640	106	248437	52.131	ug/l	100
70) Styrene	10.652	104	431916	52.854	ug/l	100
71) Bromoform	10.798	173	100482	51.317	ug/l	99
73) Isopropylbenzene	10.963	105	653636	50.568	ug/l	100
74) N-amyl acetate	10.841	43	274988	52.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	181159	49.065	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	144670m	47.705	ug/l	
77) Bromobenzene	11.195	156	155927	50.294	ug/l	99
78) n-propylbenzene	11.304	91	778059	50.372	ug/l	100
79) 2-Chlorotoluene	11.359	91	457057	49.501	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	535017	50.101	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36566	31.065	ug/l	98
82) 4-Chlorotoluene	11.451	91	540093	50.114	ug/l	99
83) tert-Butylbenzene	11.713	119	532050	49.640	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	535221	50.249	ug/l	99
85) sec-Butylbenzene	11.890	105	657868	49.124	ug/l	99
86) p-Isopropyltoluene	12.006	119	540485	48.668	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	294293	49.958	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	291706	48.876	ug/l	98
89) n-Butylbenzene	12.329	91	498656	47.880	ug/l	99
90) Hexachloroethane	12.536	117	95705	48.172	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	277699	49.323	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	35152	49.599	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	179362	48.217	ug/l	100
94) Hexachlorobutadiene	13.719	225	55890	44.179	ug/l	98
95) Naphthalene	13.773	128	533457	48.918	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	169532	47.307	ug/l	99

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MSVOA_X
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VSTDCCC050EC

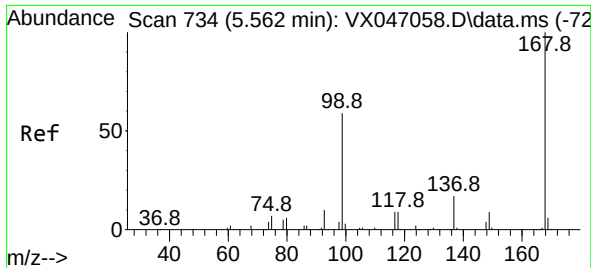
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 02:07:16 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

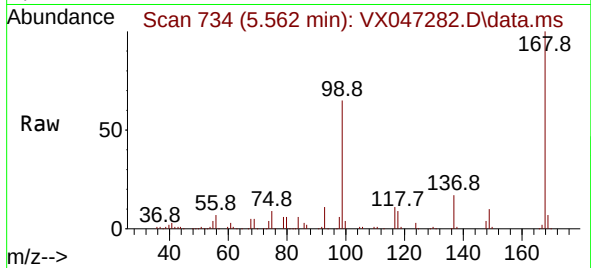
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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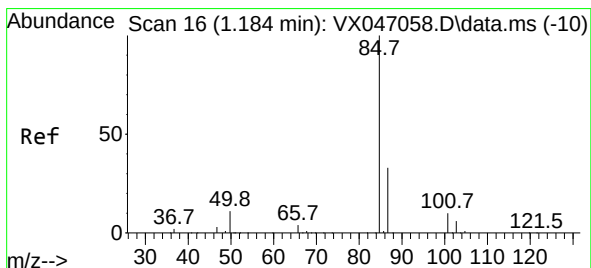
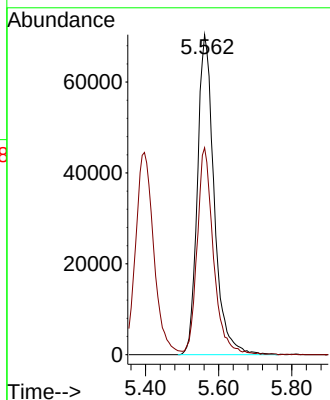
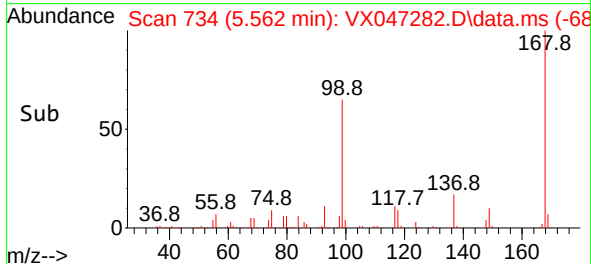
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 223569
Ion Ratio Lower Upper
168 100
99 64.6 48.0 72.0

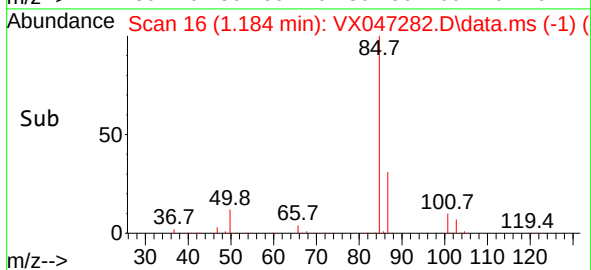
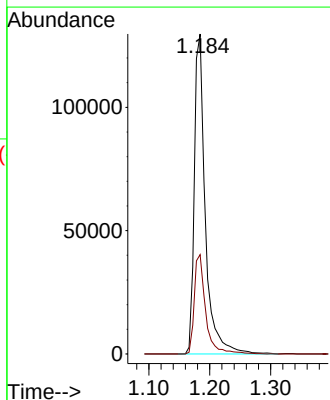
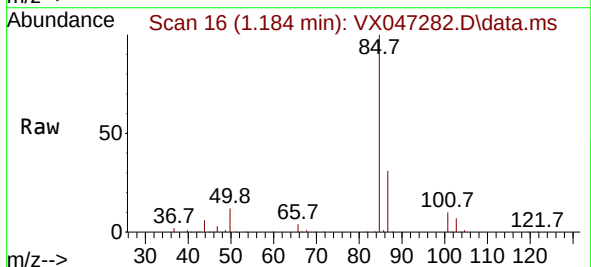
Manual Integrations
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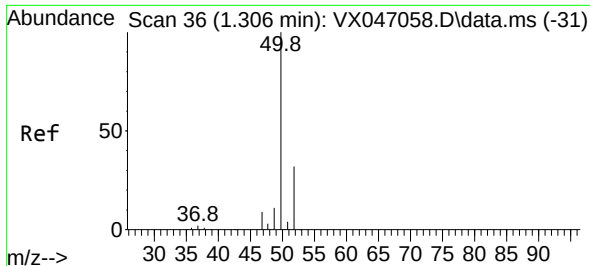
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#2
Dichlorodifluoromethane
Concen: 54.738 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

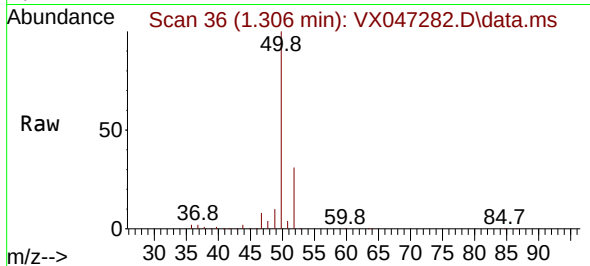
Tgt Ion: 85 Resp: 162547
Ion Ratio Lower Upper
85 100
87 31.1 16.6 49.8





#3
Chloromethane
Concen: 48.317 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

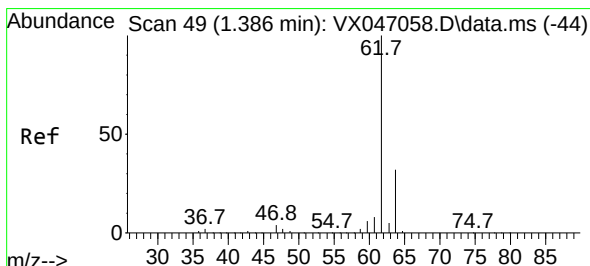
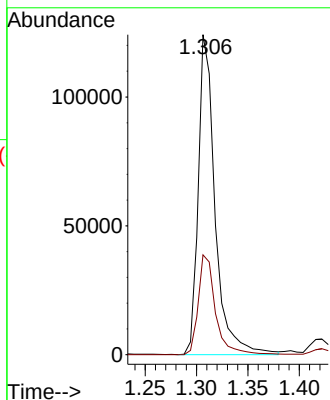
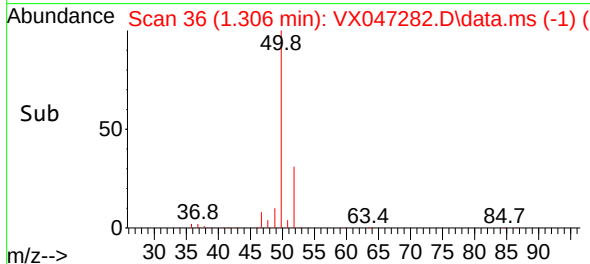
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Tgt Ion: 50 Resp: 141929
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2

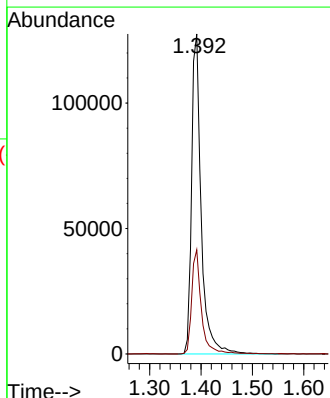
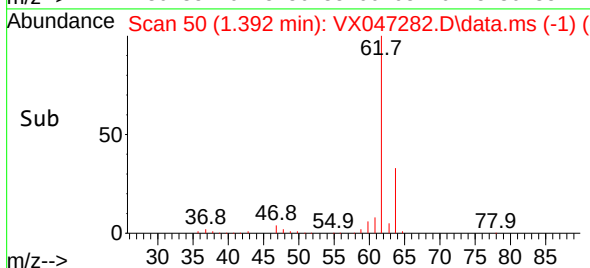
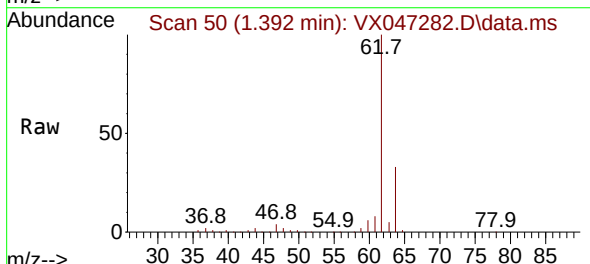
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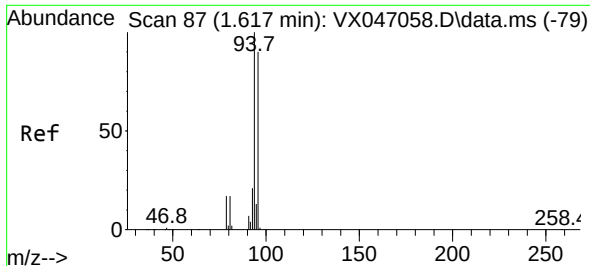
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#4
Vinyl Chloride
Concen: 52.385 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

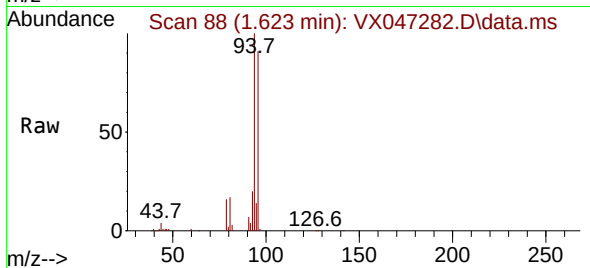
Tgt Ion: 62 Resp: 165413
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5
Bromomethane
Concen: 51.400 ug/l
RT: 1.623 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

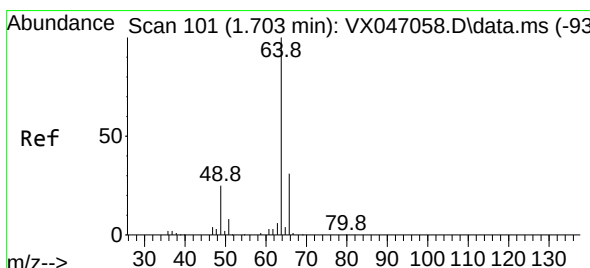
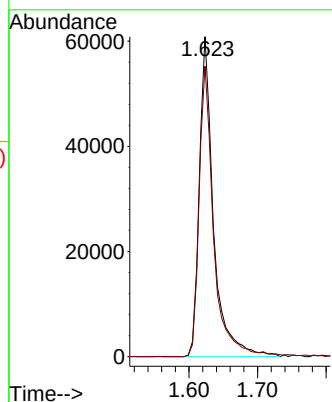
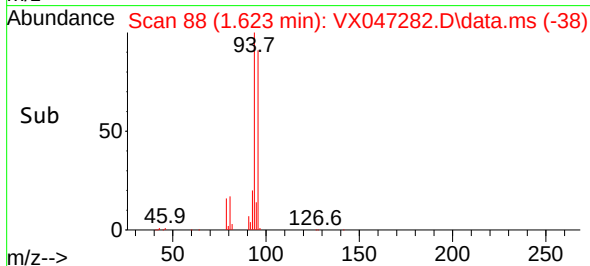
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 88164
Ion Ratio Lower Upper
94 100
96 90.8 72.3 108.5

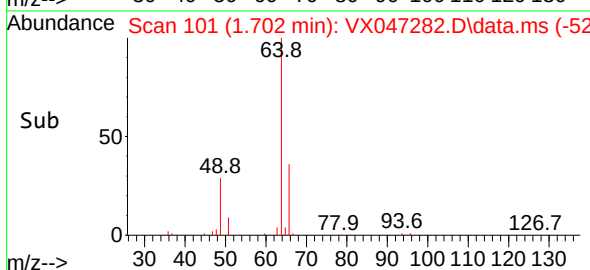
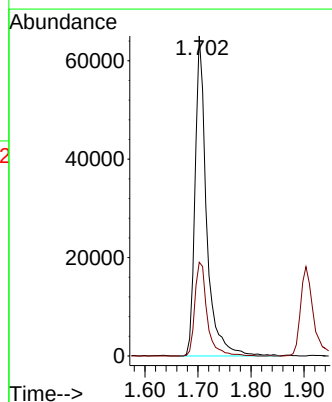
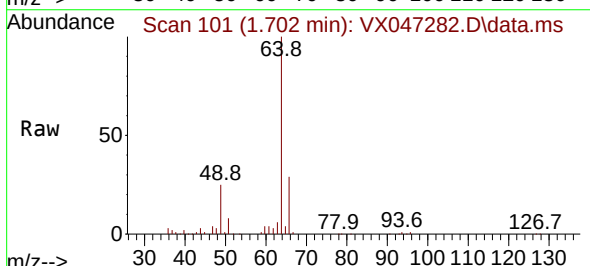
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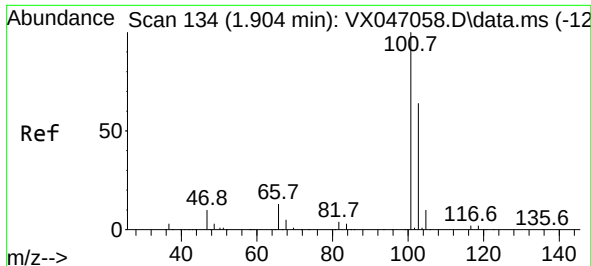
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#6
Chloroethane
Concen: 47.132 ug/l
RT: 1.702 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

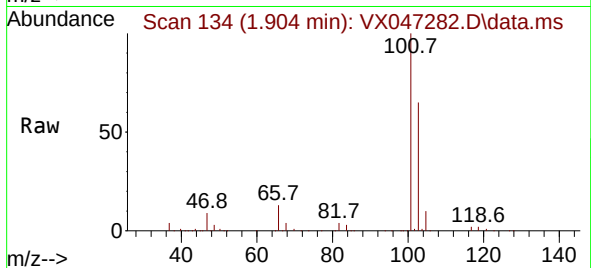
Tgt Ion: 64 Resp: 97747
Ion Ratio Lower Upper
64 100
66 29.3 25.0 37.6





#7
Trichlorofluoromethane
Concen: 51.964 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

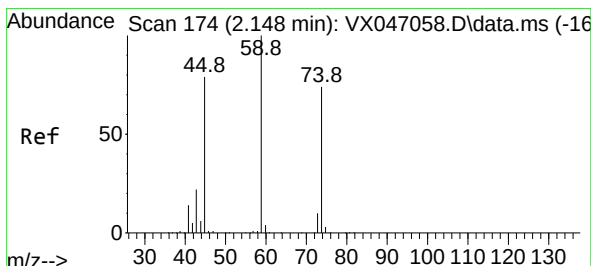
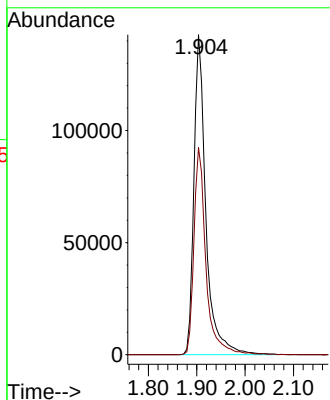
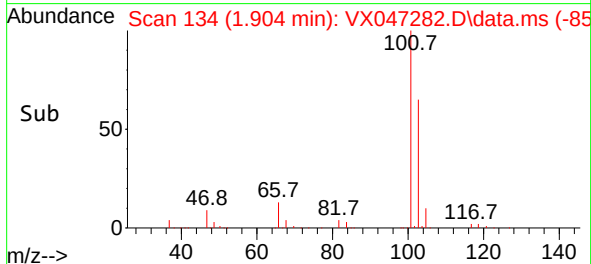
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 24467
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3

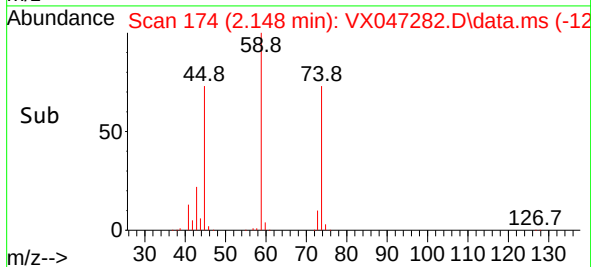
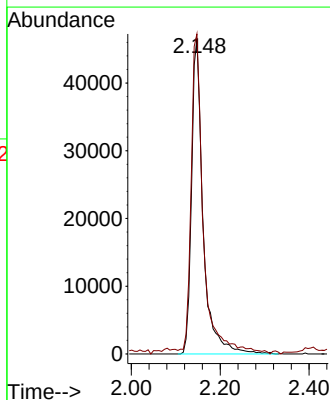
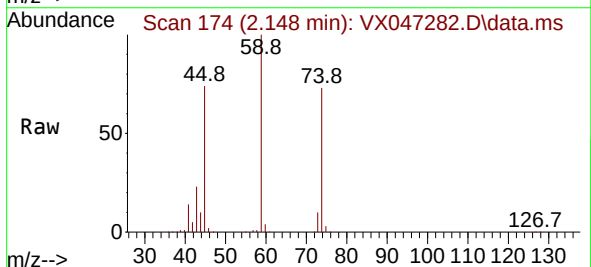
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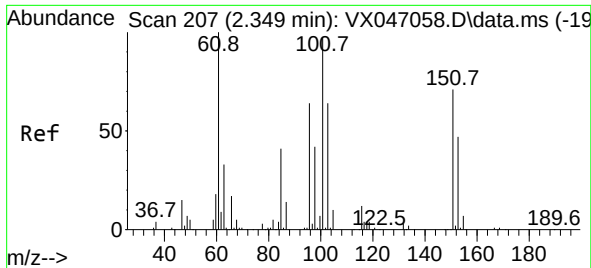
Reviewed By :John Carlone 08/12/2025
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#8
Diethyl Ether
Concen: 50.307 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion: 74 Resp: 83516
Ion Ratio Lower Upper
74 100
45 108.1 53.0 159.0





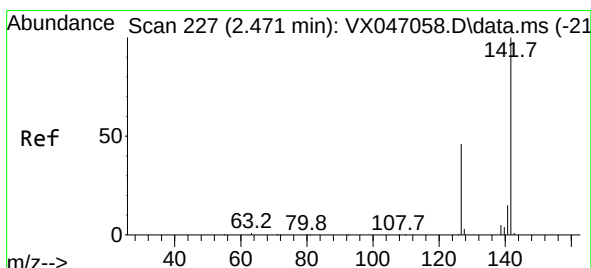
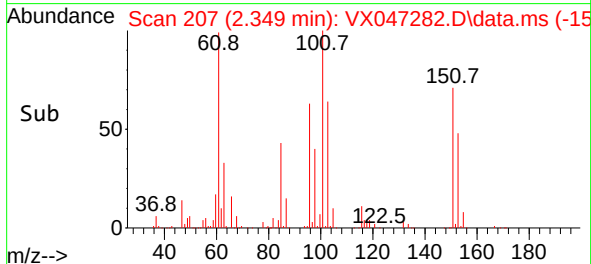
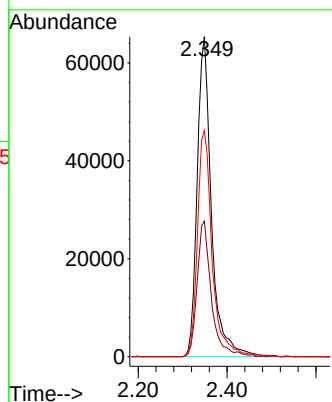
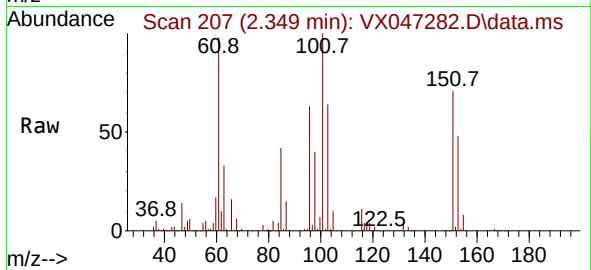
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.364 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 145704
Ion Ratio Lower Upper
101 100
85 42.3 35.4 53.0
151 73.0 59.2 88.8

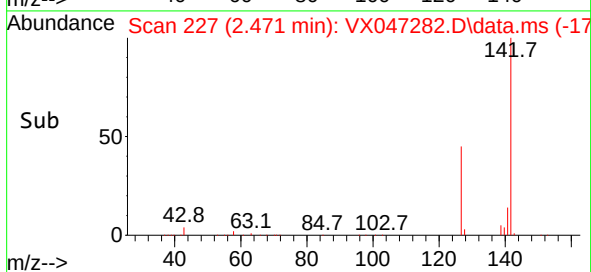
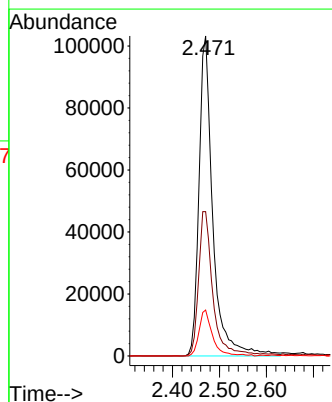
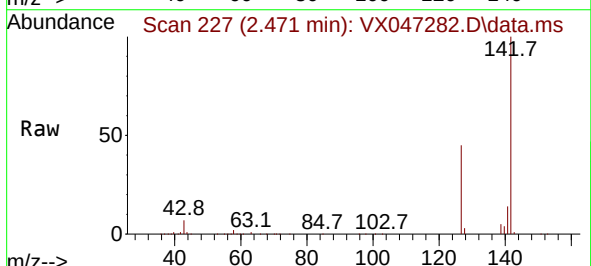
Manual Integrations
APPROVED

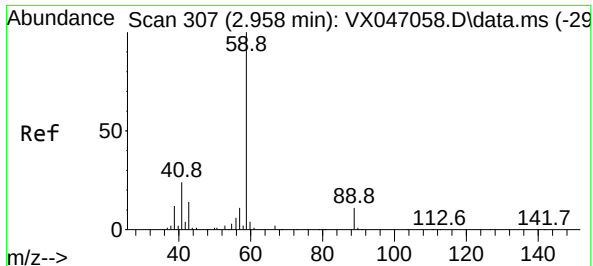
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#10
Methyl Iodide
Concen: 73.219 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

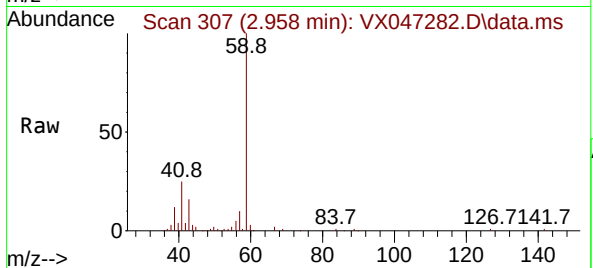
Tgt Ion:142 Resp: 211682
Ion Ratio Lower Upper
142 100
127 47.2 36.6 54.8
141 14.0 10.9 16.3





#11
Tert butyl alcohol
Concen: 240.041 ug/l
RT: 2.958 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

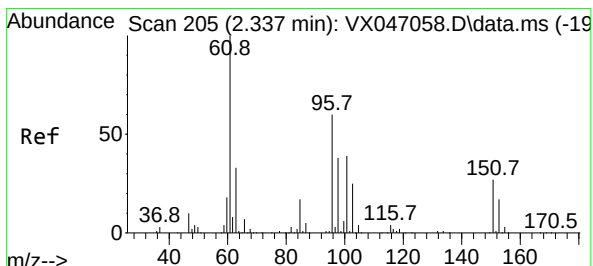
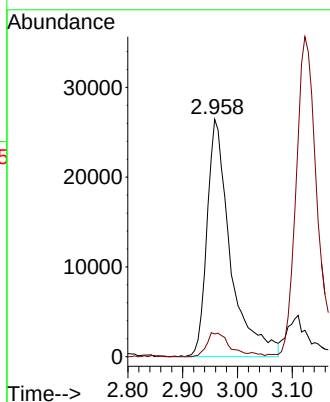
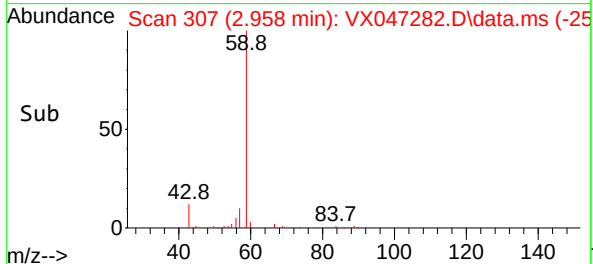
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



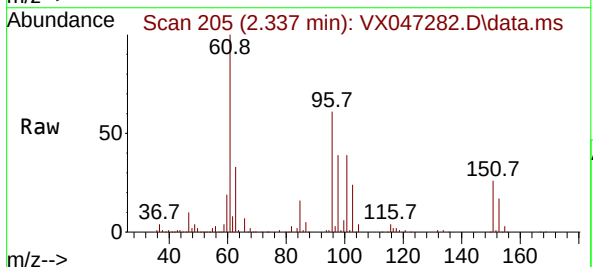
Tgt Ion: 59 Resp: 7828
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

Manual Integrations
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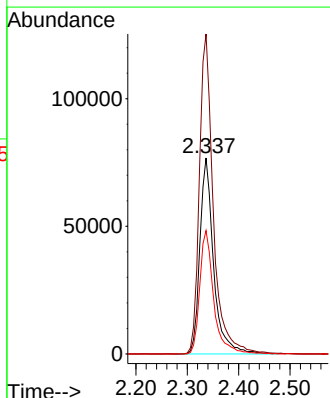
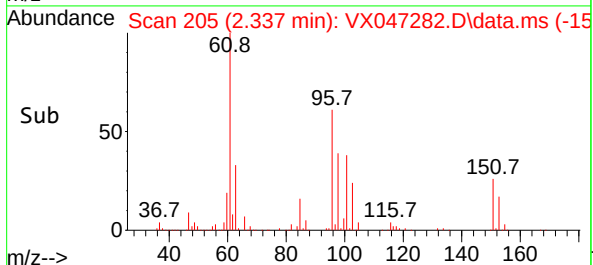
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

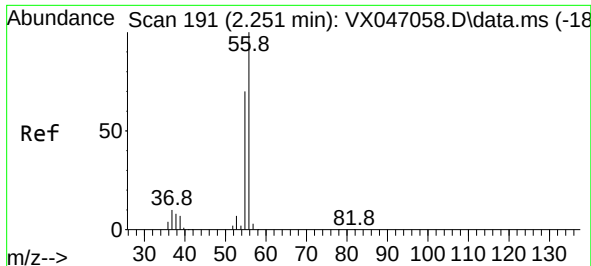


#12
1,1-Dichloroethene
Concen: 50.900 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



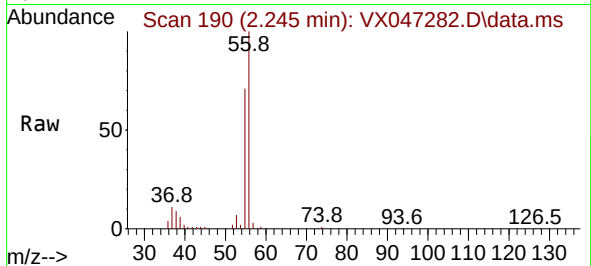
Tgt Ion: 96 Resp: 143009
Ion Ratio Lower Upper
96 100
61 163.3 132.6 198.8
98 62.9 50.2 75.4





#13
Acrolein
Concen: 351.285 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

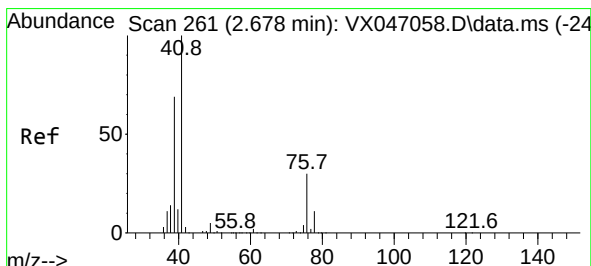
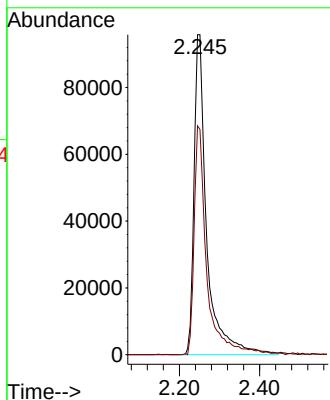
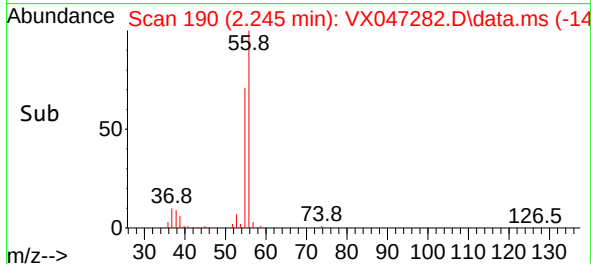
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 210649
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5

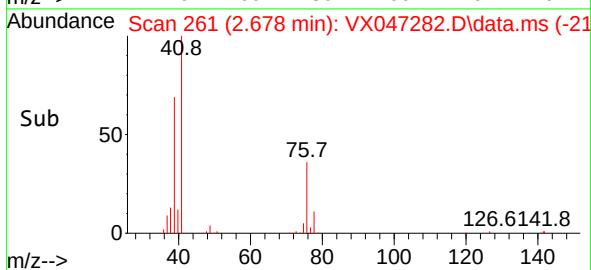
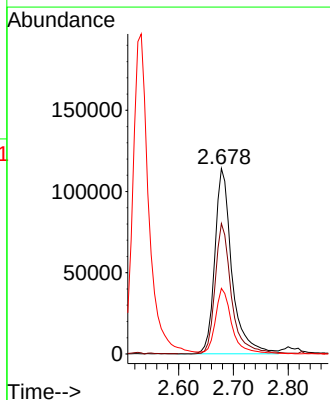
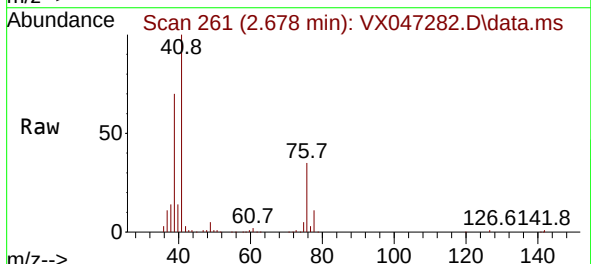
Manual Integrations
APPROVED

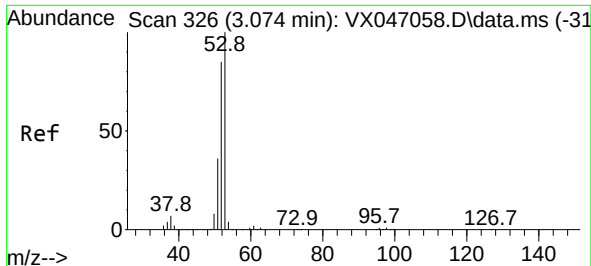
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#14
Allyl chloride
Concen: 48.800 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

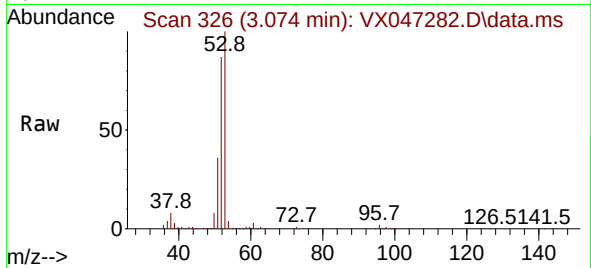
Tgt Ion: 41 Resp: 247843
Ion Ratio Lower Upper
41 100
39 67.5 52.6 78.8
76 34.0 25.7 38.5





#15
Acrylonitrile
Concen: 243.367 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

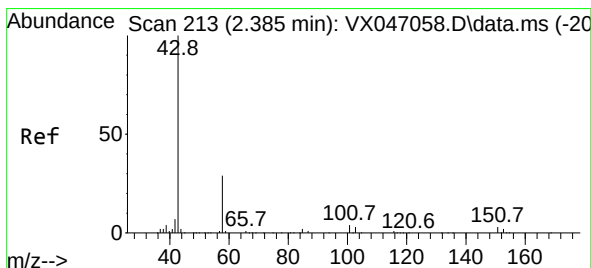
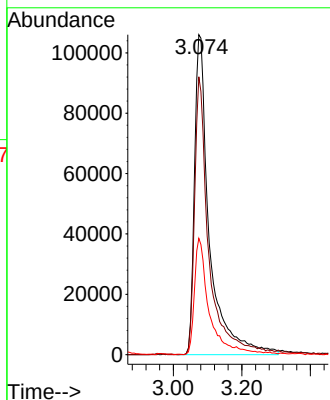
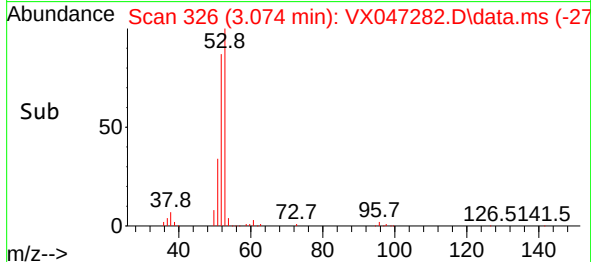
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



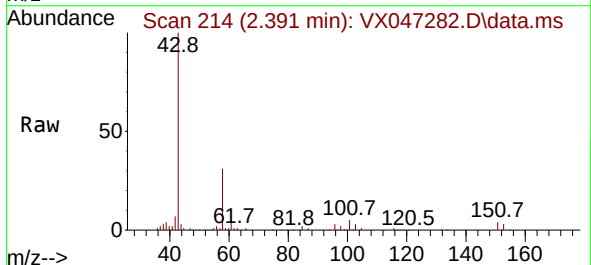
Tgt Ion: 53 Resp: 323240
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 35.9 28.8 43.2

Manual Integrations
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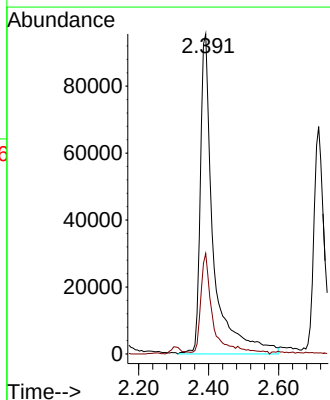
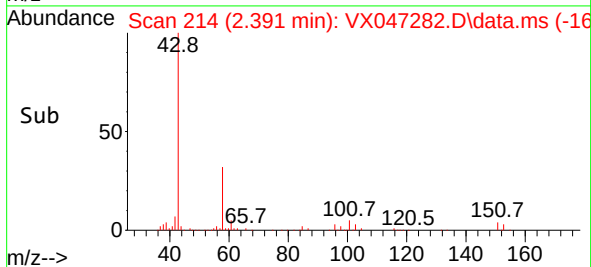
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

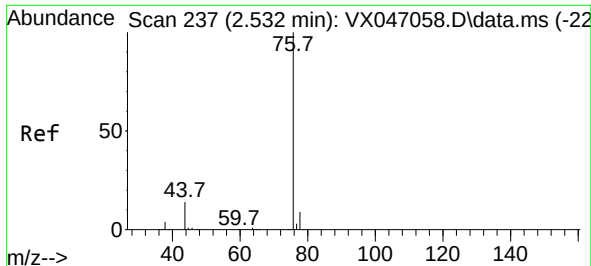


#16
Acetone
Concen: 222.989 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



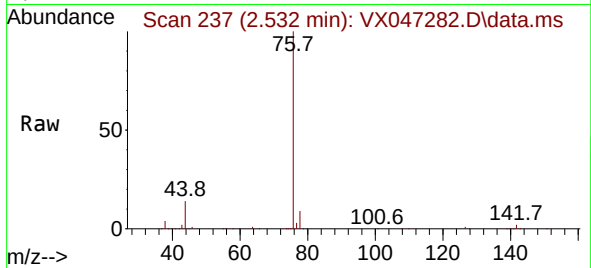
Tgt Ion: 43 Resp: 248781
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0





#17
Carbon Disulfide
Concen: 48.253 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

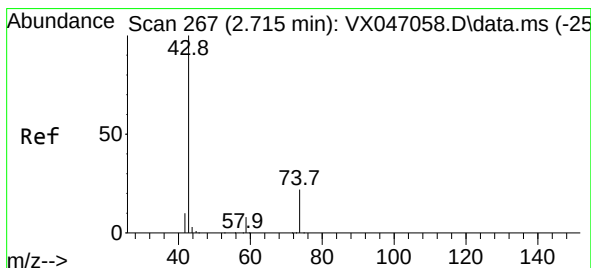
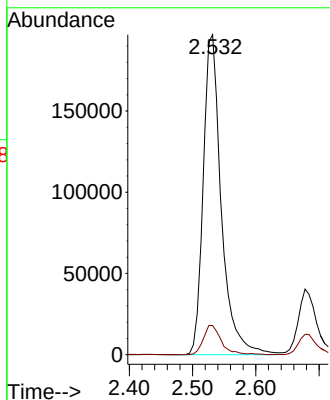
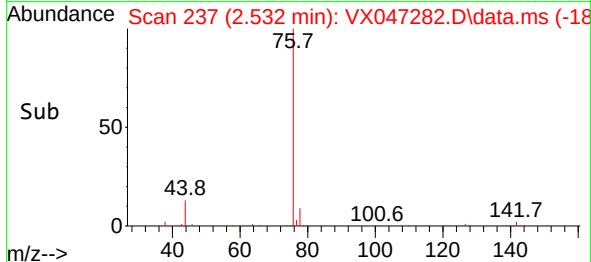
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 392208
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

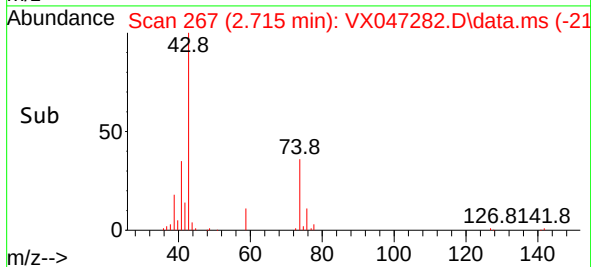
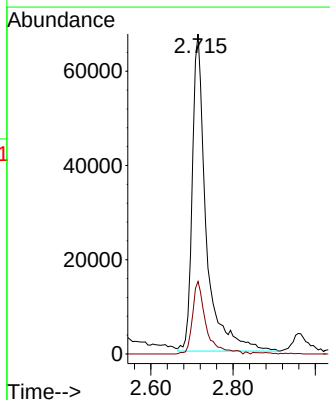
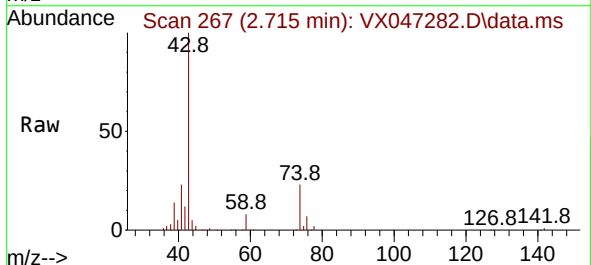
Manual Integrations
APPROVED

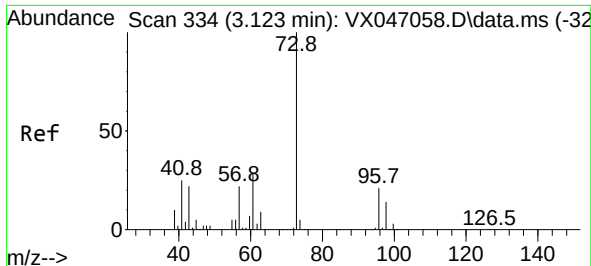
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#18
Methyl Acetate
Concen: 53.344 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion: 43 Resp: 158156
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





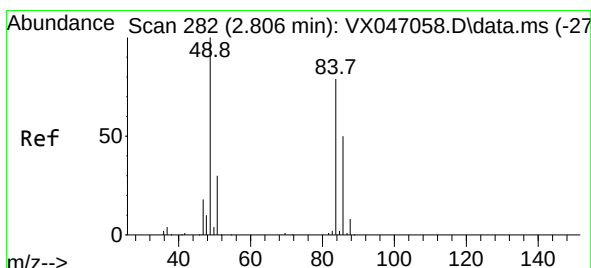
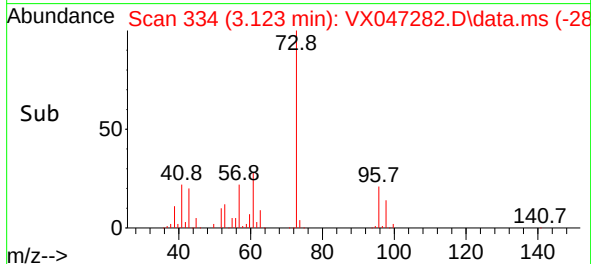
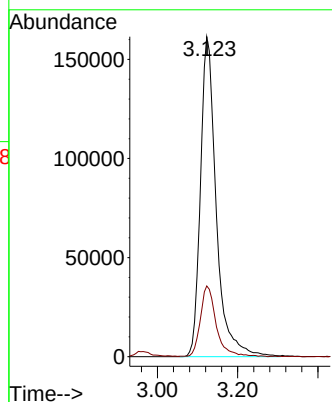
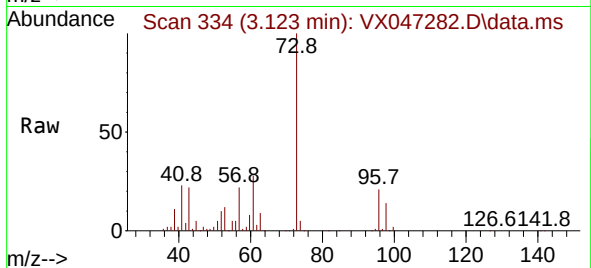
#19
Methyl tert-butyl Ether
Concen: 51.700 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 442075
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

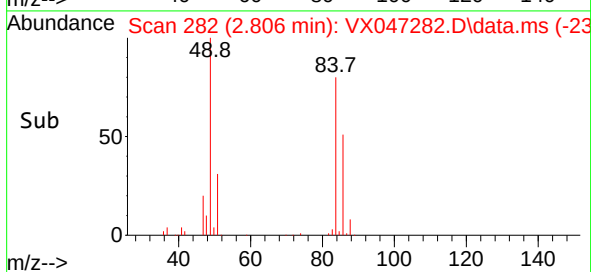
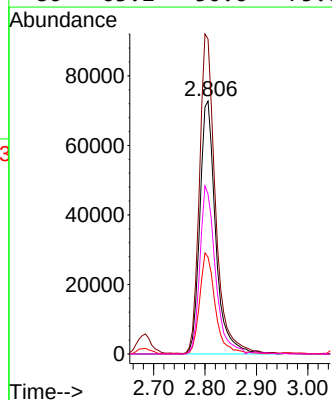
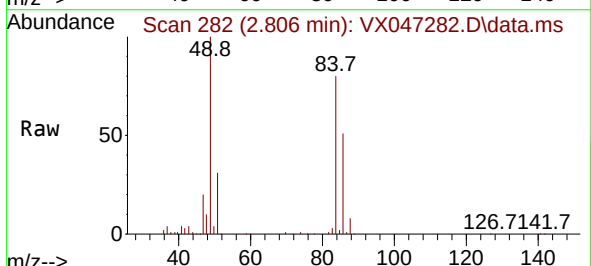
Manual Integrations
APPROVED

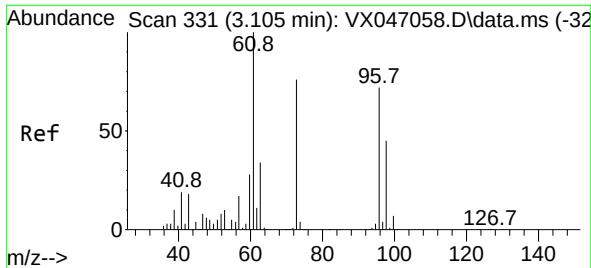
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#20
Methylene Chloride
Concen: 50.885 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

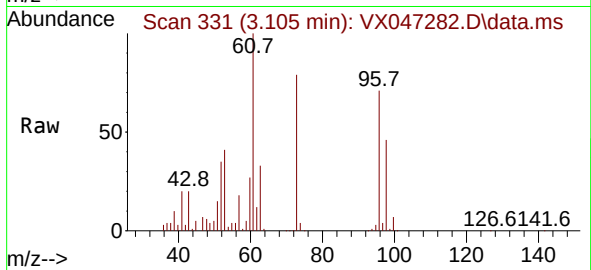
Tgt Ion: 84 Resp: 156180
Ion Ratio Lower Upper
84 100
49 124.3 101.6 152.4
51 38.3 30.3 45.5
86 63.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.996 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

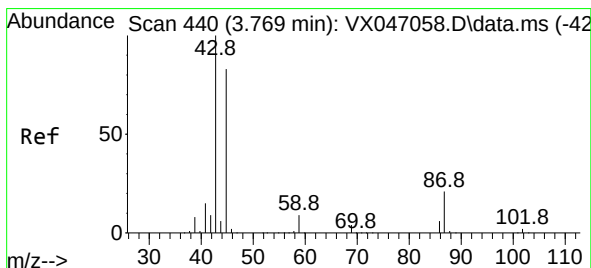
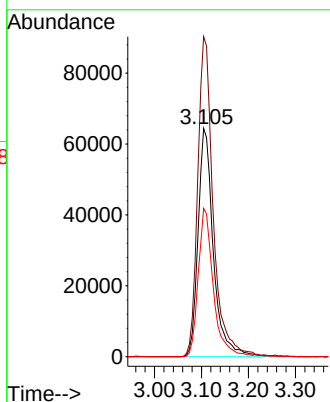
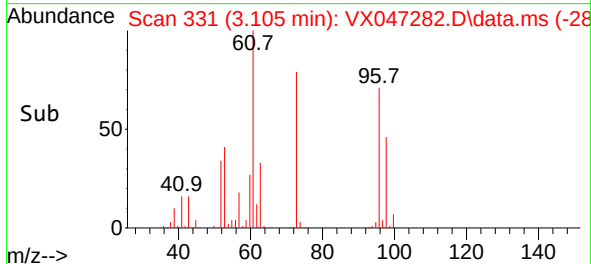
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 146618
Ion Ratio Lower Upper
96 100
61 140.2 111.1 166.7
98 65.0 49.6 74.4

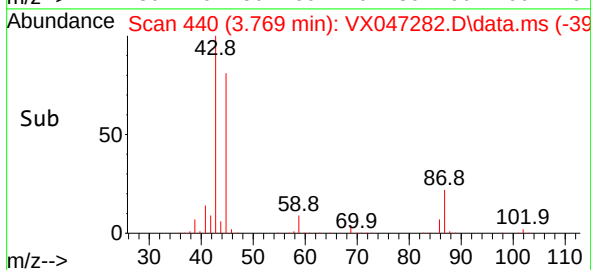
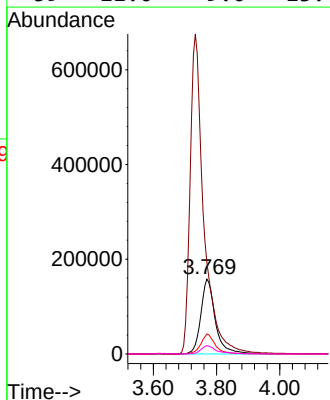
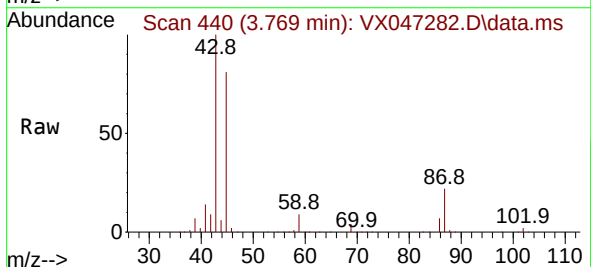
Manual Integrations
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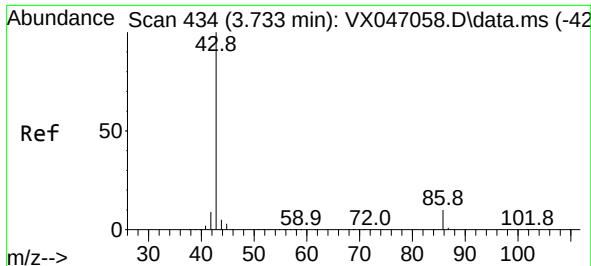
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#22
Diisopropyl ether
Concen: 51.615 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion: 45 Resp: 503995
Ion Ratio Lower Upper
45 100
43 122.6 96.8 145.2
87 26.7 20.5 30.7
59 11.0 9.0 13.4





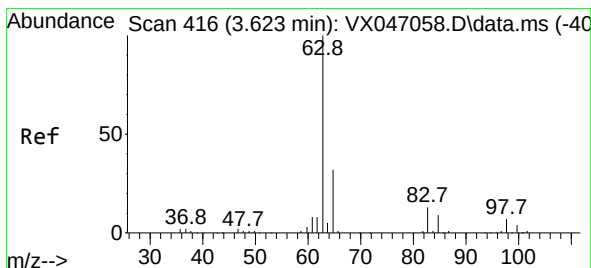
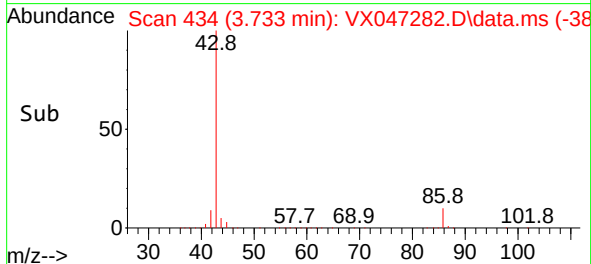
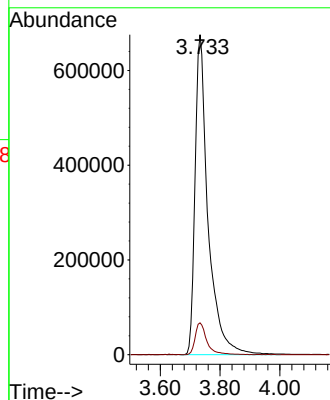
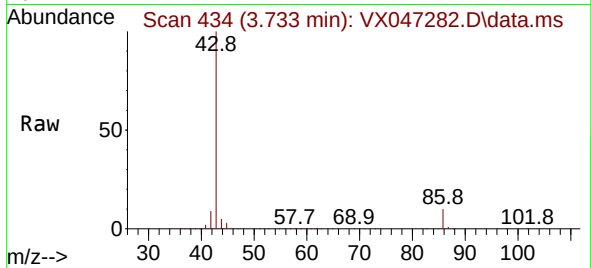
#23
 Vinyl Acetate
 Concen: 259.936 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047282.D
 Acq: 08 Aug 2025 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 203575
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

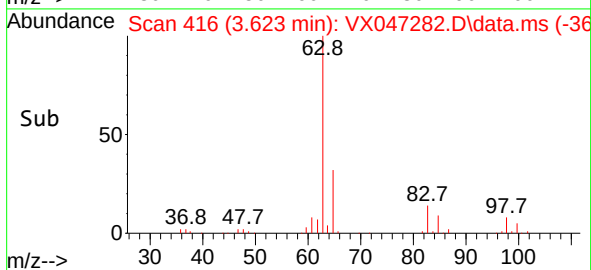
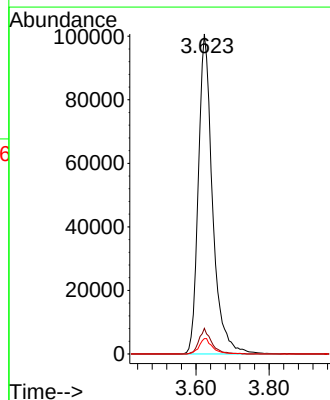
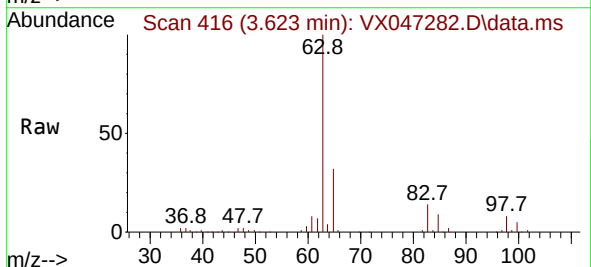
Manual Integrations
 APPROVED

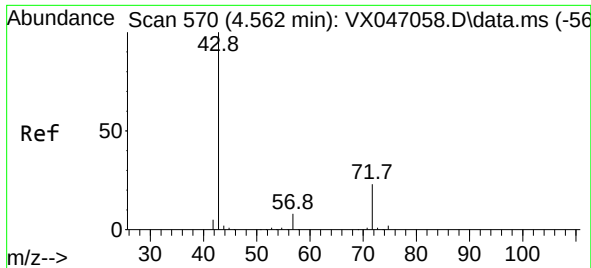
Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025



#24
 1,1-Dichloroethane
 Concen: 50.110 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047282.D
 Acq: 08 Aug 2025 19:00

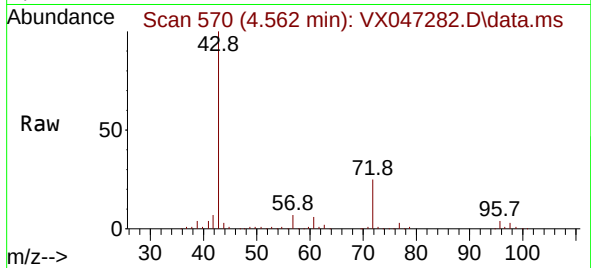
Tgt Ion: 63 Resp: 272085
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 216.683 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

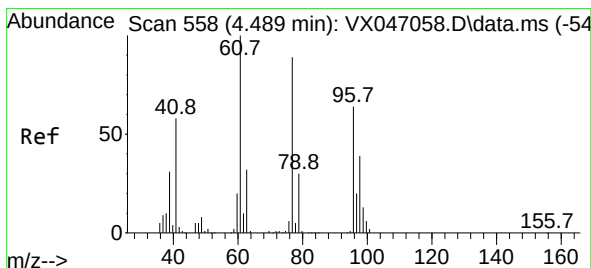
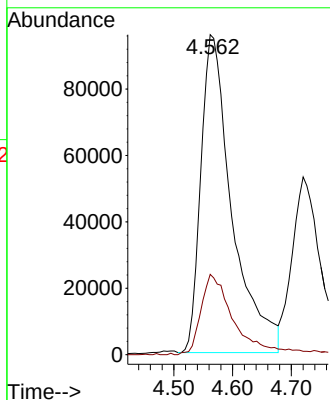
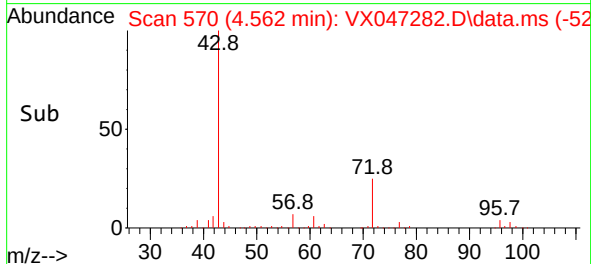
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 35200
Ion Ratio Lower Upper
43 100
72 25.3 18.8 28.2

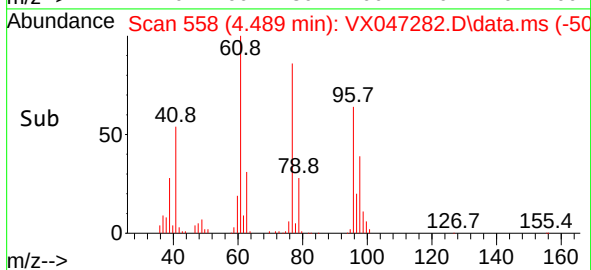
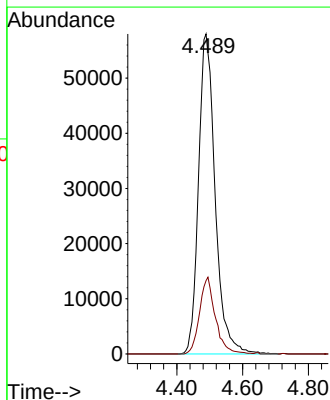
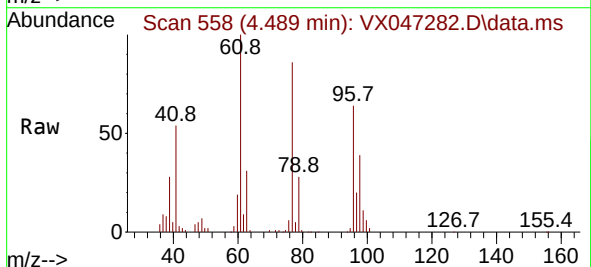
Manual Integrations
APPROVED

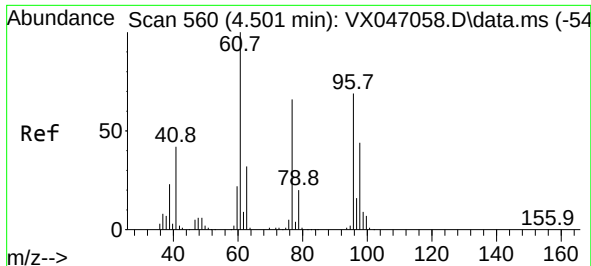
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#26
2,2-Dichloropropane
Concen: 48.526 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

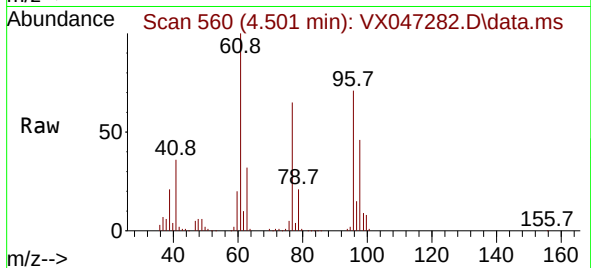
Tgt Ion: 77 Resp: 203965
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.475 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: VX047282.D
 Acq: 08 Aug 2025 19:00

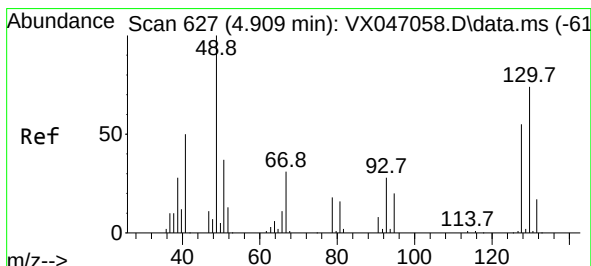
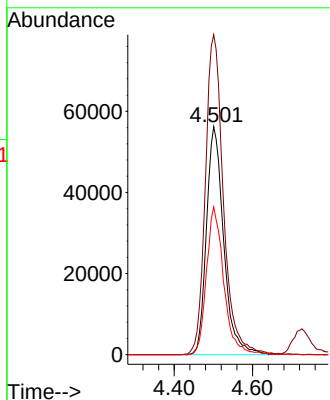
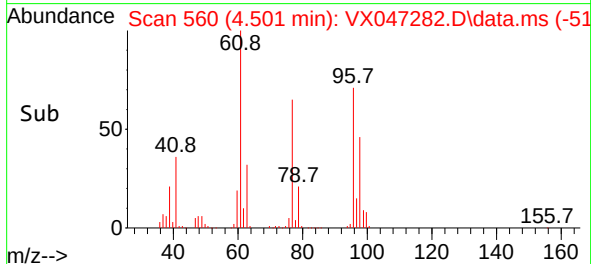
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



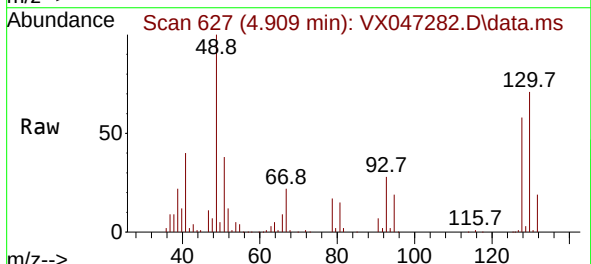
Tgt Ion: 96 Resp: 17184
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 298.6
 98 64.9 0.0 128.8

Manual Integrations
 APPROVED

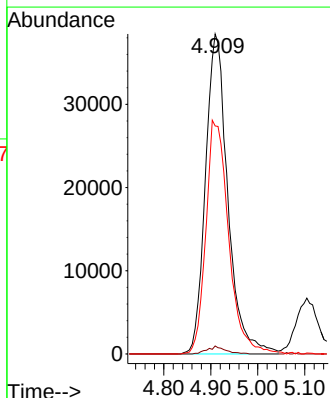
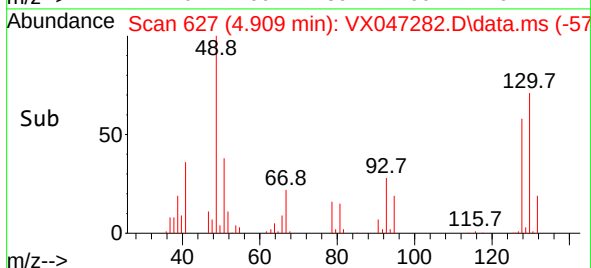
Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025

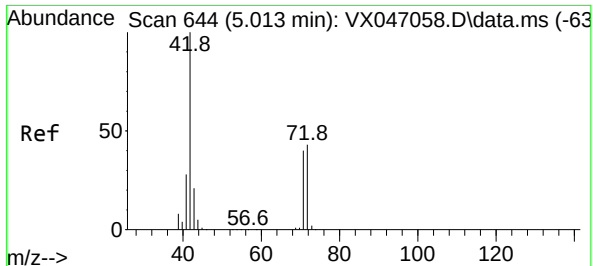


#28
 Bromochloromethane
 Concen: 50.829 ug/l
 RT: 4.909 min Scan# 627
 Delta R.T. -0.000 min
 Lab File: VX047282.D
 Acq: 08 Aug 2025 19:00



Tgt Ion: 49 Resp: 126972
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 74.4 59.0 88.4





#29

Tetrahydrofuran

Concen: 220.448 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047282.D

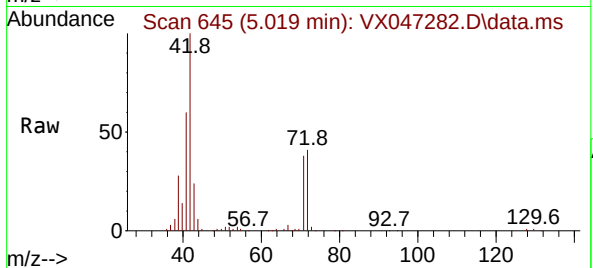
Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 23106

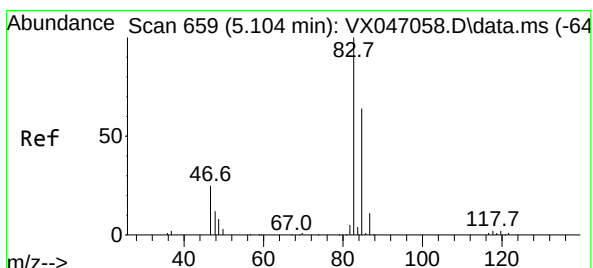
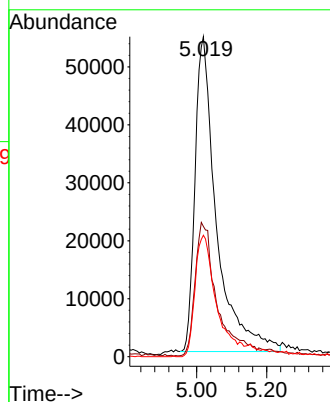
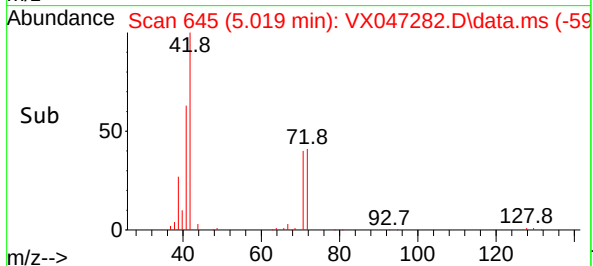
Ion	Ratio	Lower	Upper
42	100		
72	43.7	33.7	50.5
71	38.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#30

Chloroform

Concen: 49.981 ug/l

RT: 5.104 min Scan# 659

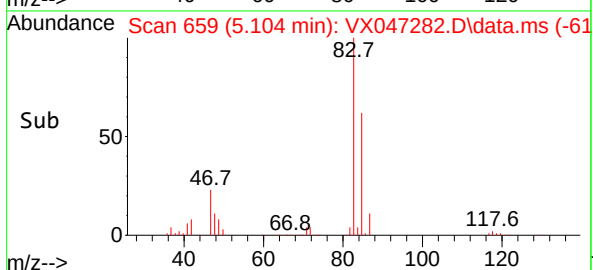
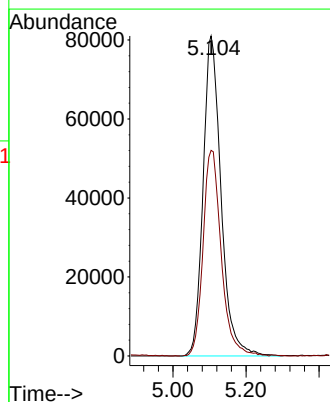
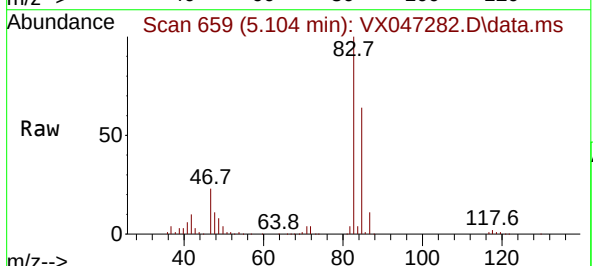
Delta R.T. -0.000 min

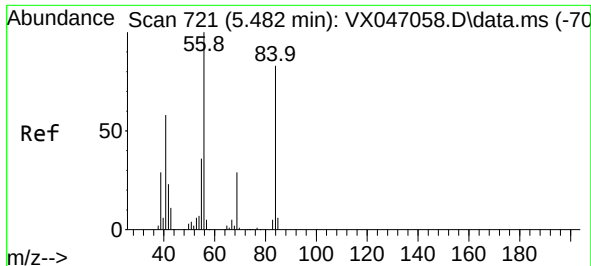
Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Tgt Ion: 83 Resp: 276254

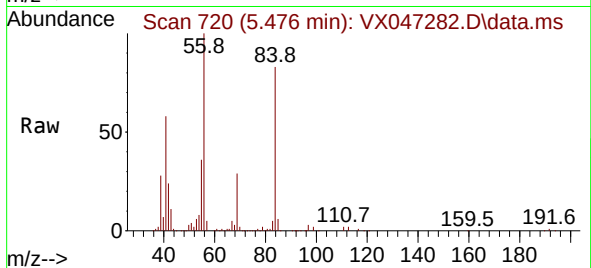
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.9	76.3





#31
Cyclohexane
Concen: 48.207 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

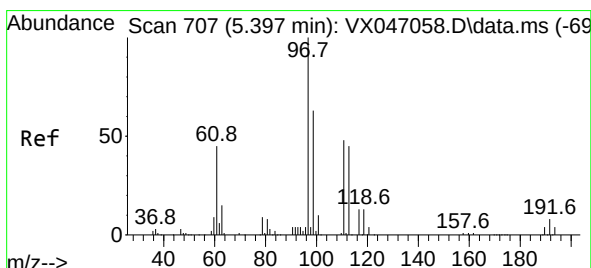
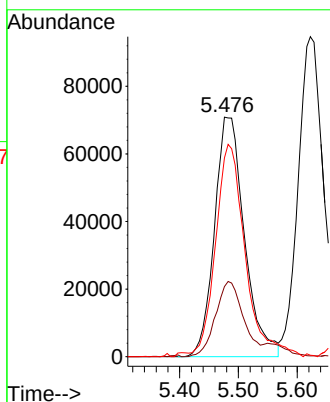
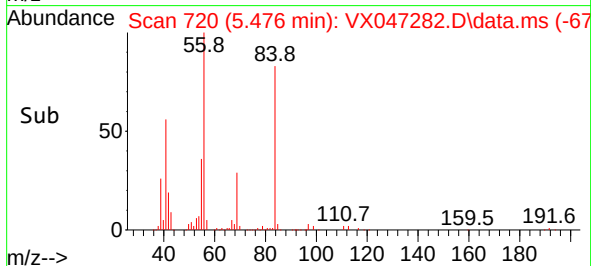
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 25098
Ion Ratio Lower Upper
56 100
69 28.6 23.3 34.9
84 81.3 66.5 99.7

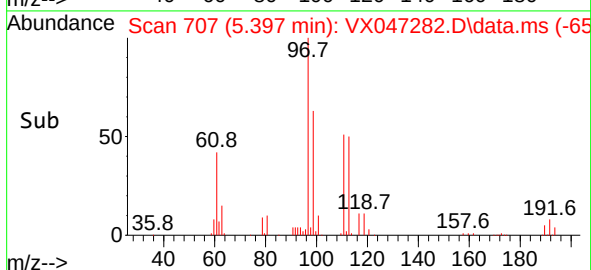
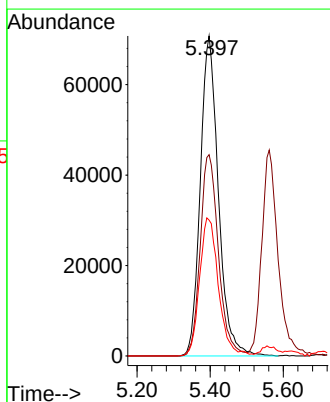
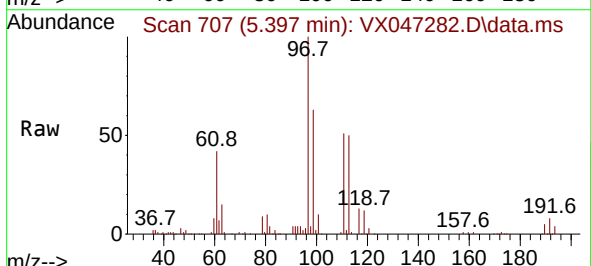
Manual Integrations
APPROVED

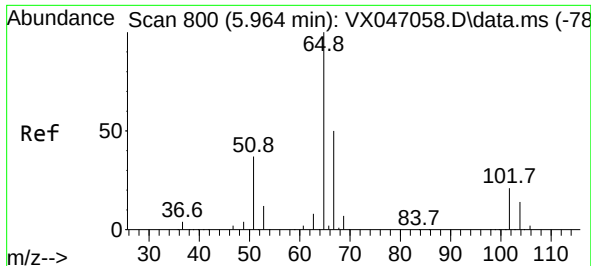
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#32
1,1,1-Trichloroethane
Concen: 50.677 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion: 97 Resp: 243289
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 45.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 45.791 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12752

Ion Ratio Lower Upper

65 100

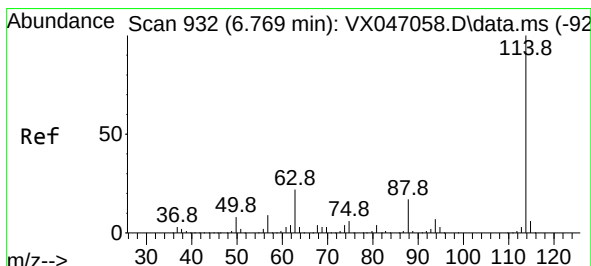
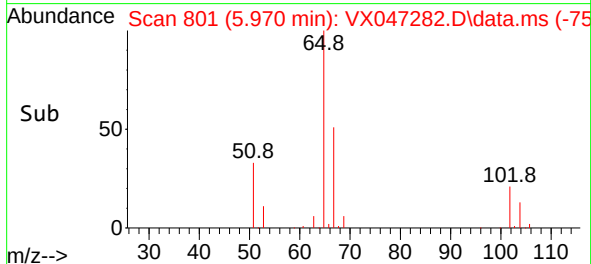
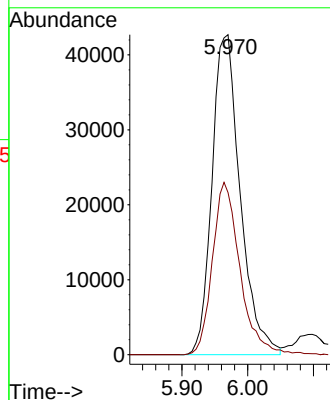
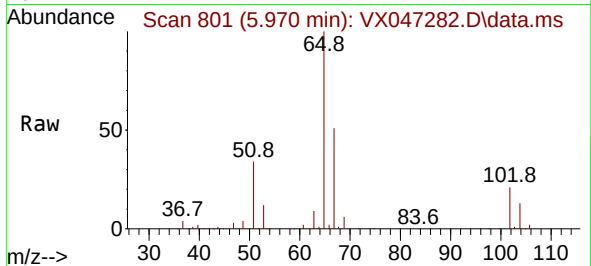
67 52.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

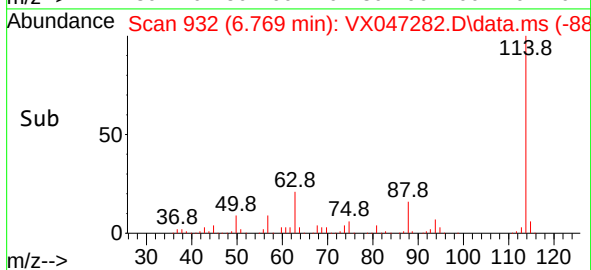
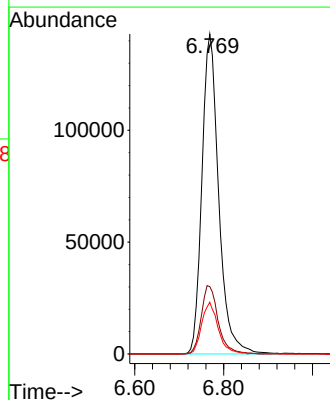
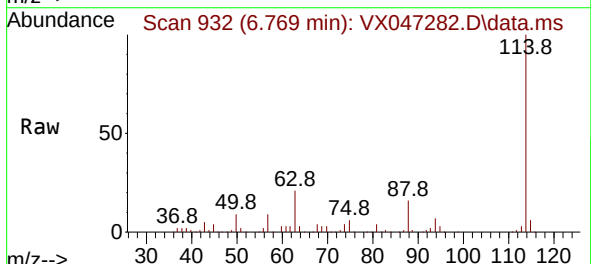
Tgt Ion:114 Resp: 376419

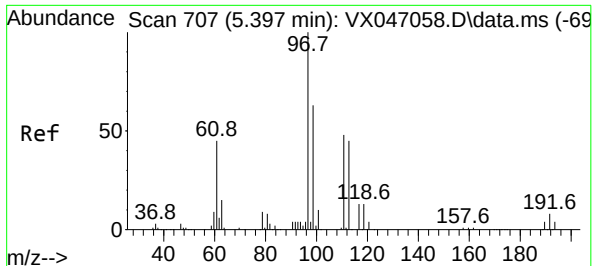
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

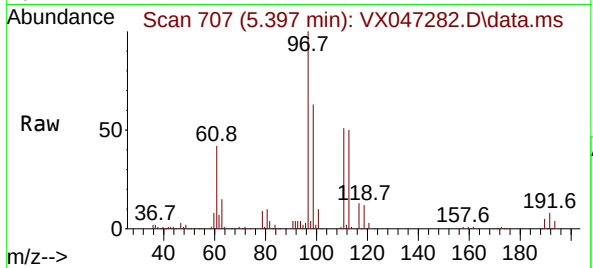
88 16.1 0.0 33.8





#35
Dibromofluoromethane
Concen: 49.439 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

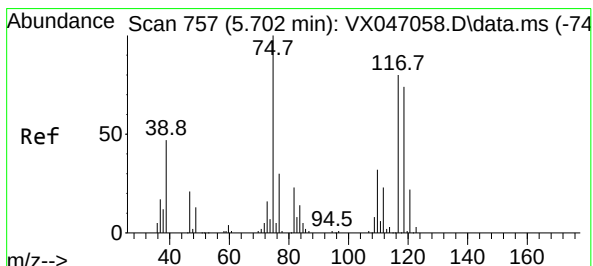
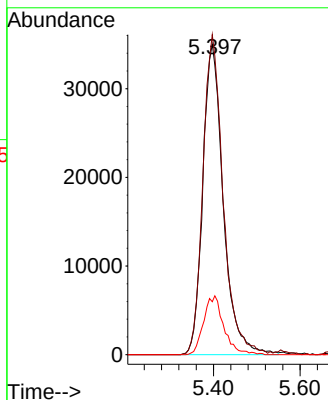
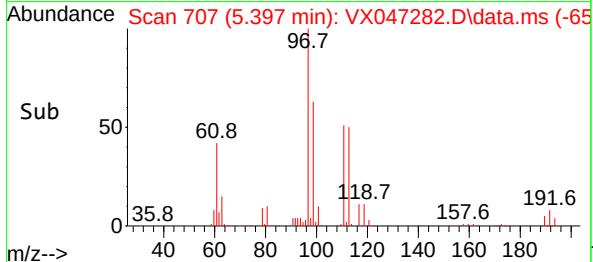
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 114904
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.8 14.9 22.3

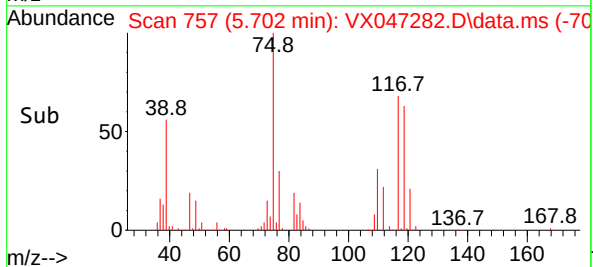
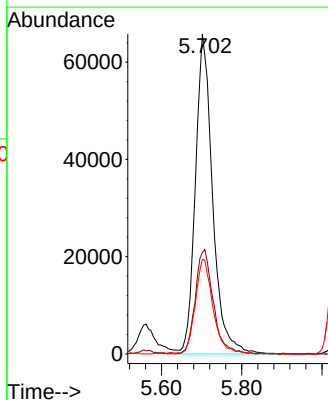
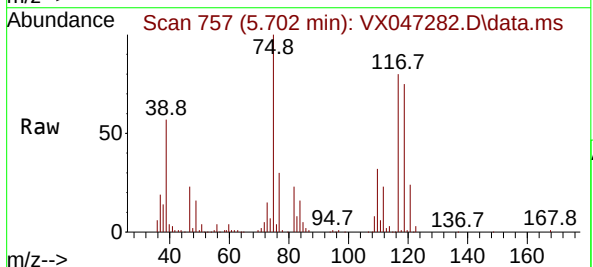
Manual Integrations
APPROVED

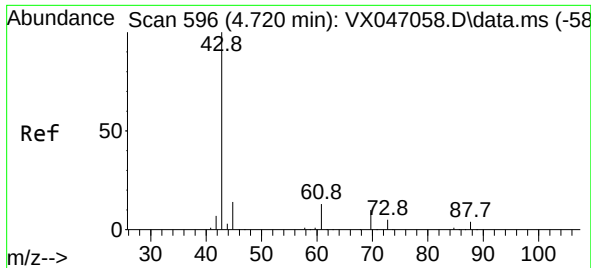
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#36
1,1-Dichloropropene
Concen: 49.531 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

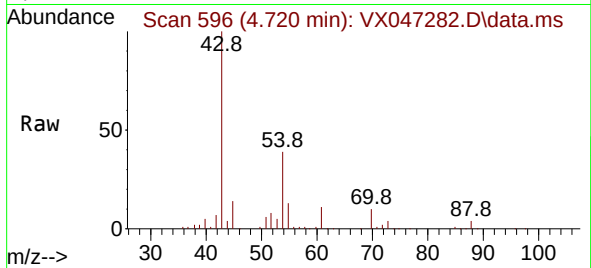
Tgt Ion: 75 Resp: 196228
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.5
77 30.6 25.1 37.7





#37
Ethyl Acetate
Concen: 53.247 ug/l
RT: 4.720 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

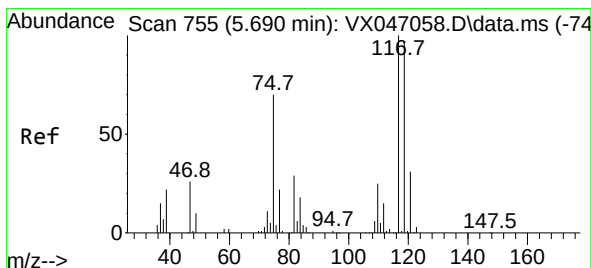
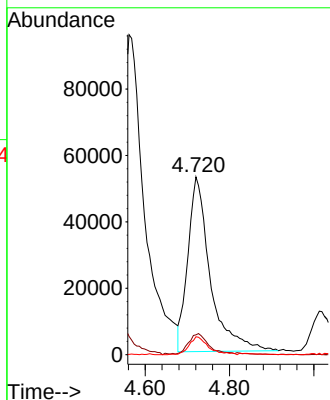
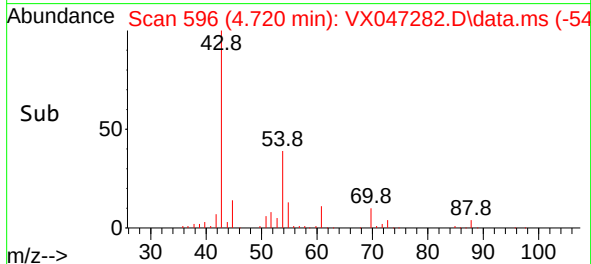
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 19438
Ion Ratio Lower Upper
43 100
61 10.2 10.2 15.2
70 8.7 8.1 12.1

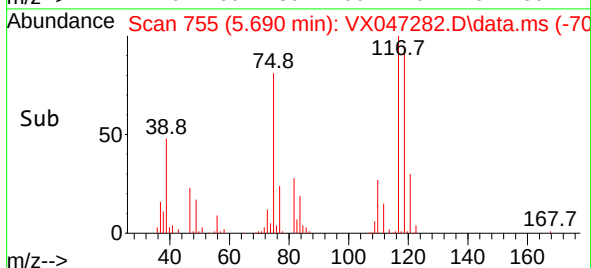
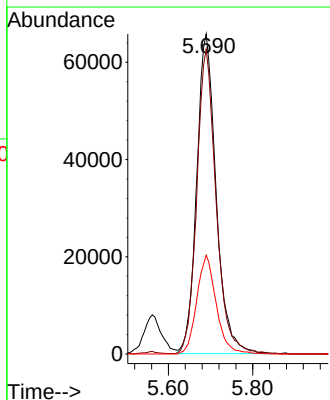
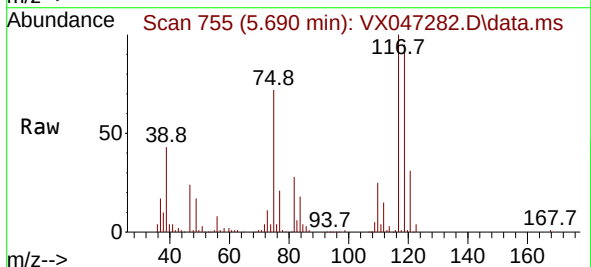
Manual Integrations
APPROVED

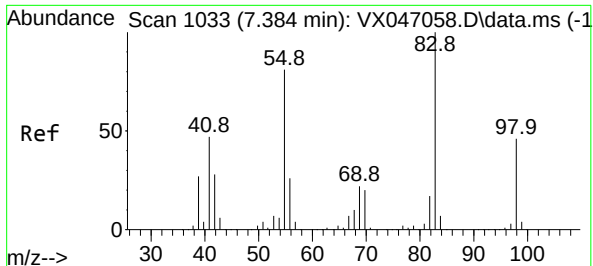
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#38
Carbon Tetrachloride
Concen: 49.997 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion:117 Resp: 211407
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0
121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 47.562 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 235259

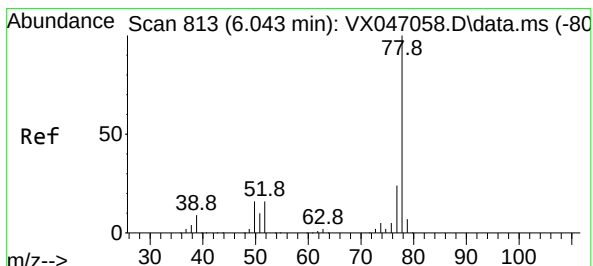
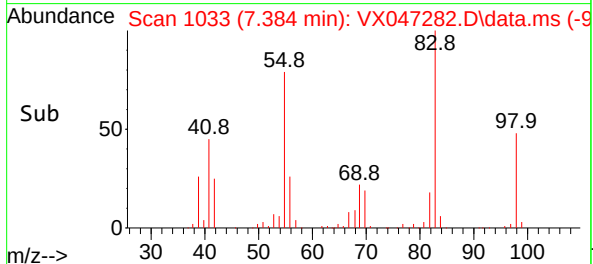
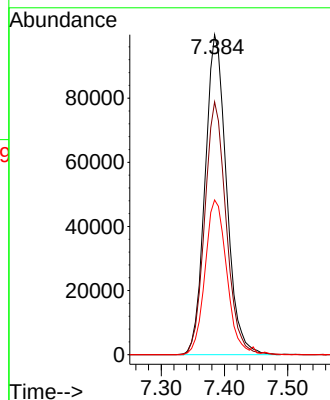
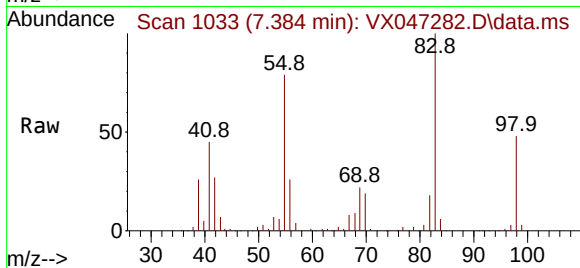
Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.5	96.7
98	48.3	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#40

Benzene

Concen: 50.413 ug/l

RT: 6.049 min Scan# 814

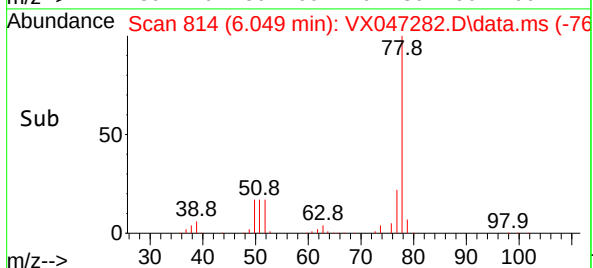
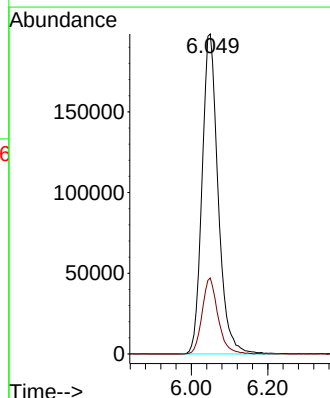
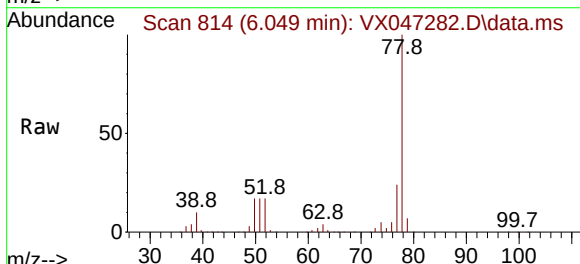
Delta R.T. 0.006 min

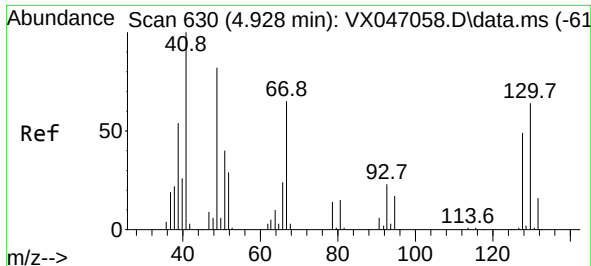
Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Tgt Ion: 78 Resp: 577990

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





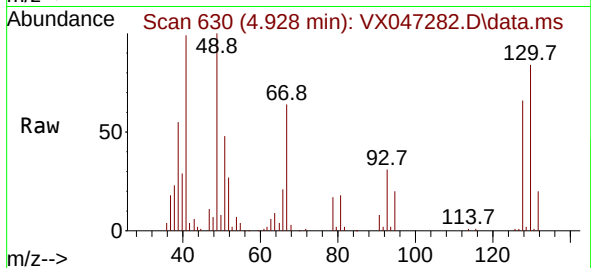
#41
Methacrylonitrile
Concen: 44.053 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



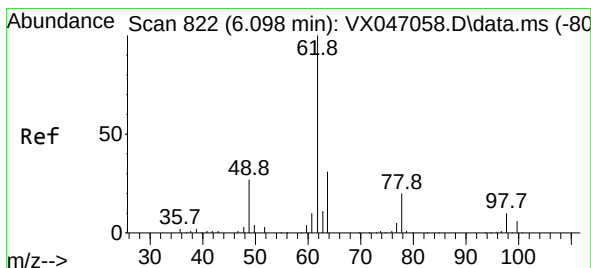
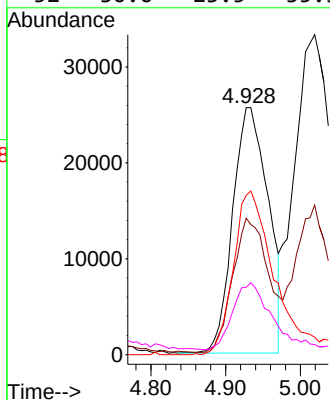
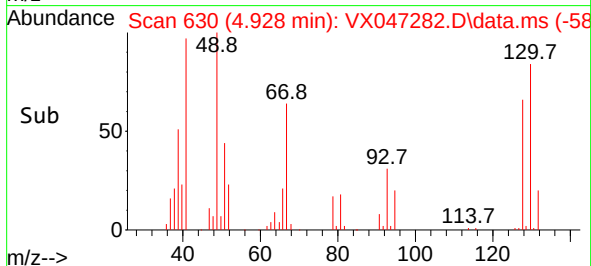
Tgt Ion: 41 Resp: 84085
Ion Ratio Lower Upper
41 100
39 56.4 44.2 66.2
67 81.9 56.4 84.6
52 30.6 23.5 35.3

Manual Integrations

APPROVED

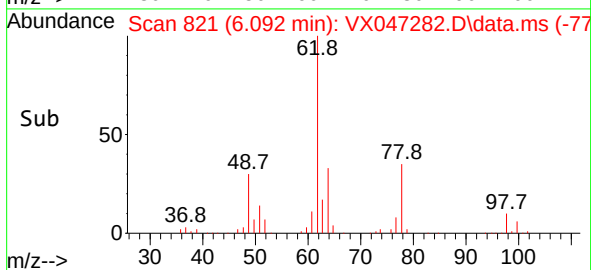
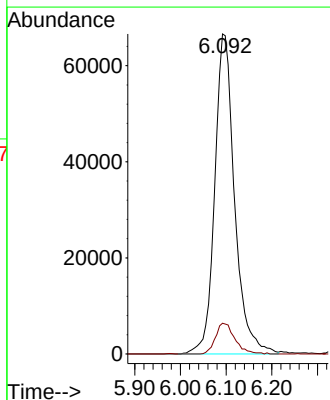
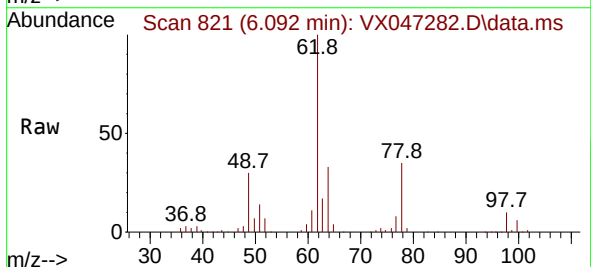
Reviewed By :John Carlone 08/12/2025

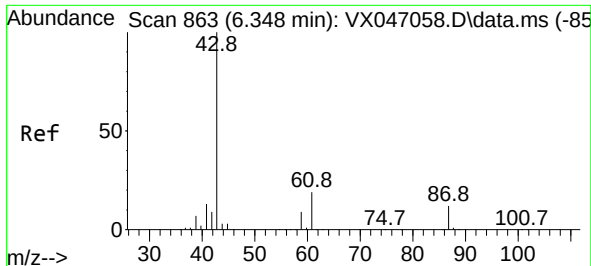
Supervised By :Mahesh Dadoda 08/12/2025



#42
1,2-Dichloroethane
Concen: 49.862 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

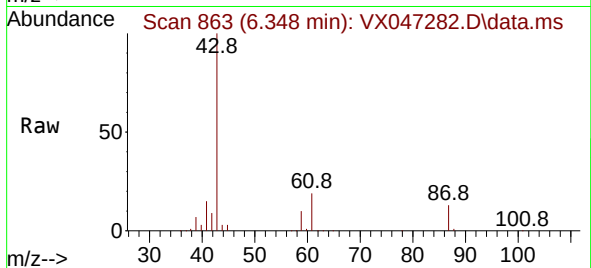
Tgt Ion: 62 Resp: 201378
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8





#43
Isopropyl Acetate
Concen: 51.969 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

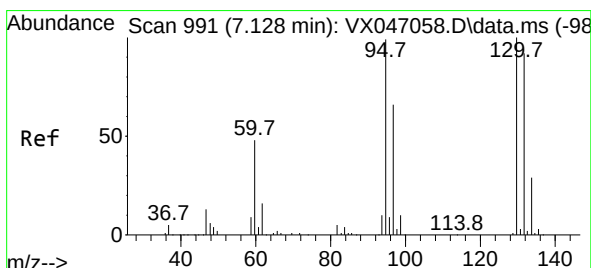
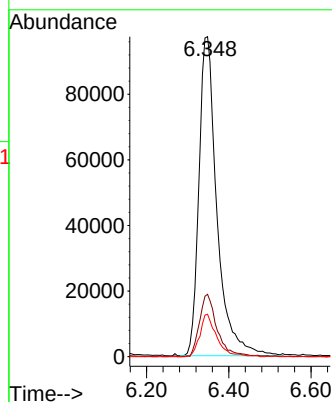
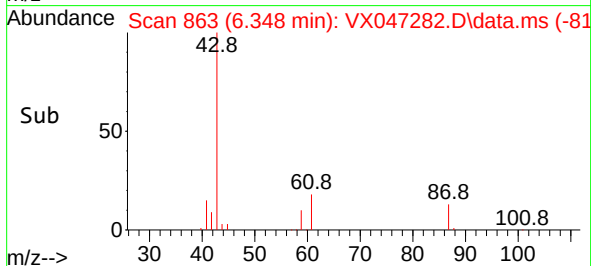
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 295758
Ion Ratio Lower Upper
43 100
61 19.3 15.1 22.7
87 12.5 9.7 14.5

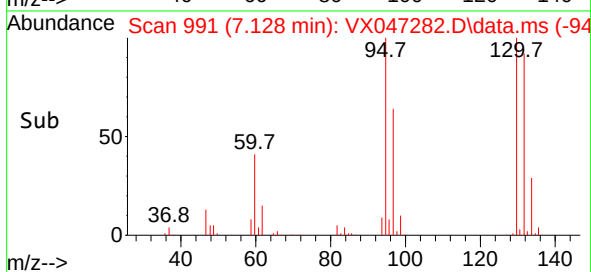
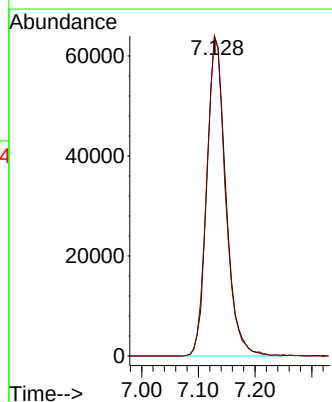
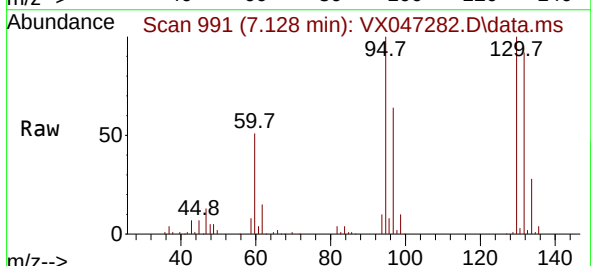
Manual Integrations
APPROVED

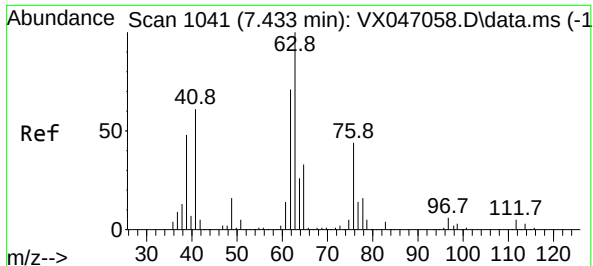
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#44
Trichloroethene
Concen: 50.523 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion:130 Resp: 148540
Ion Ratio Lower Upper
130 100
95 108.4 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.635 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 142529

Ion Ratio Lower Upper

63 100

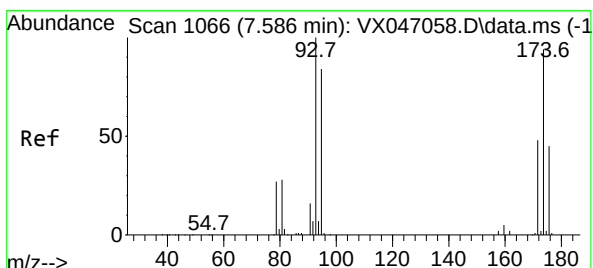
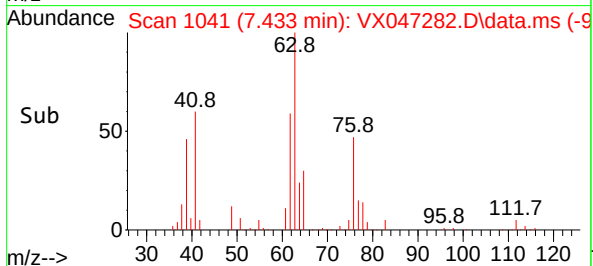
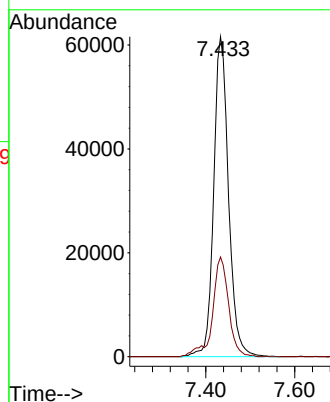
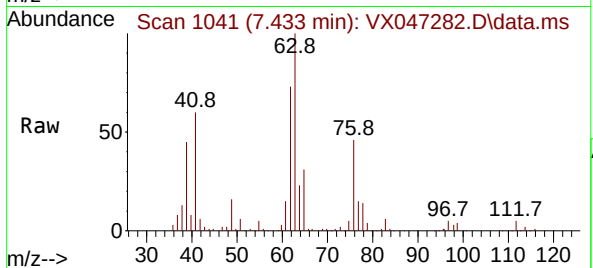
65 31.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#46

Dibromomethane

Concen: 51.399 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

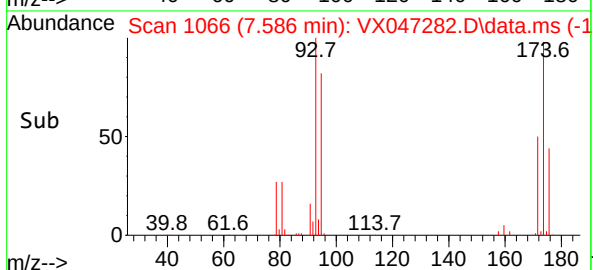
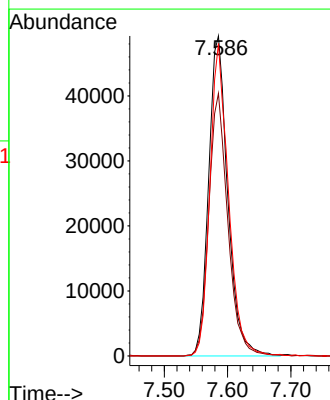
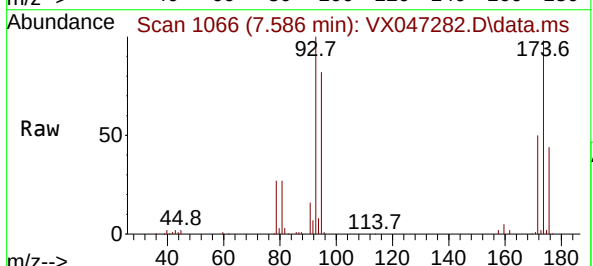
Tgt Ion: 93 Resp: 103501

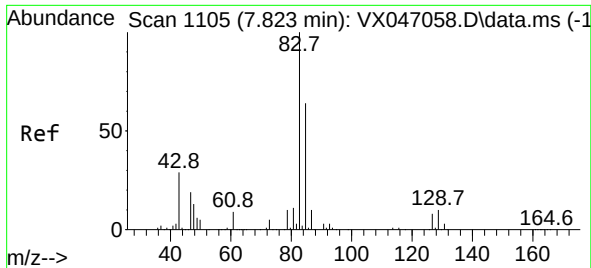
Ion Ratio Lower Upper

93 100

95 81.6 65.9 98.9

174 94.7 74.6 112.0





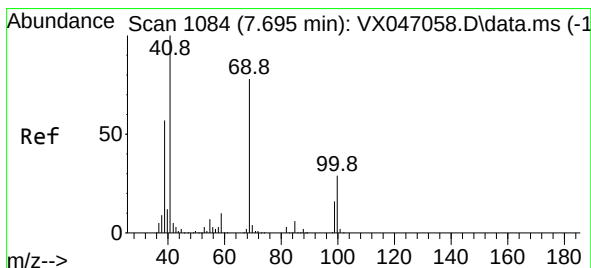
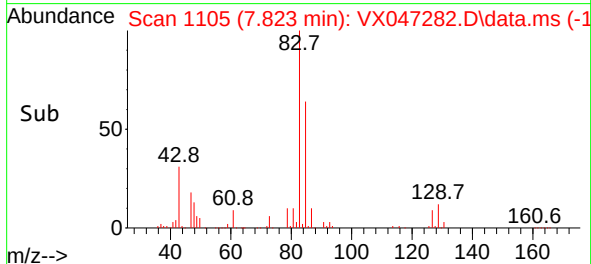
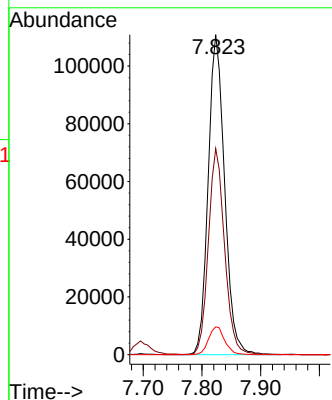
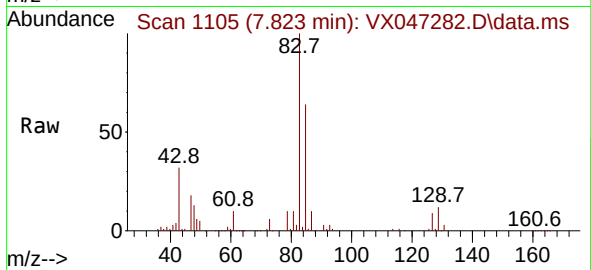
#47
Bromodichloromethane
Concen: 50.243 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 21534
Ion Ratio Lower Upper
83 100
85 65.1 49.9 74.9
127 8.7 6.6 10.0

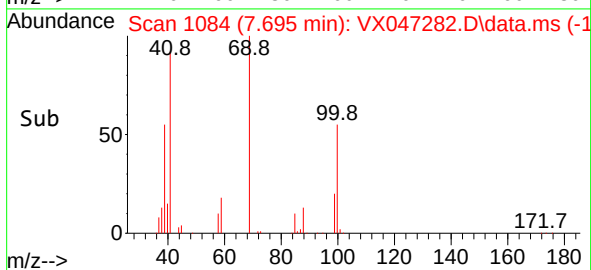
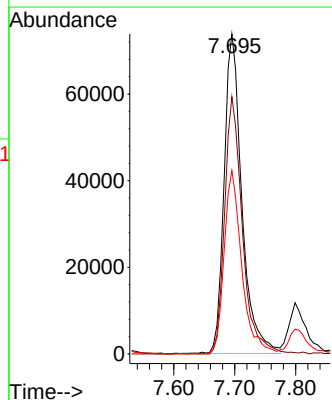
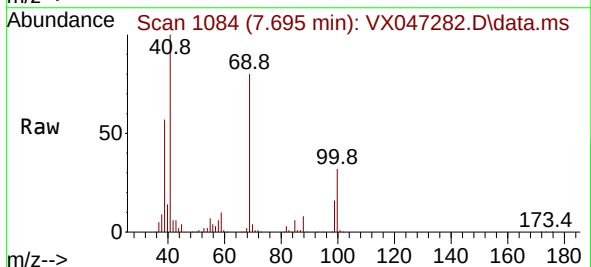
Manual Integrations
APPROVED

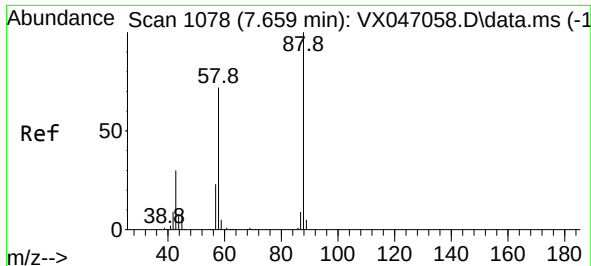
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#48
Methyl methacrylate
Concen: 48.202 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

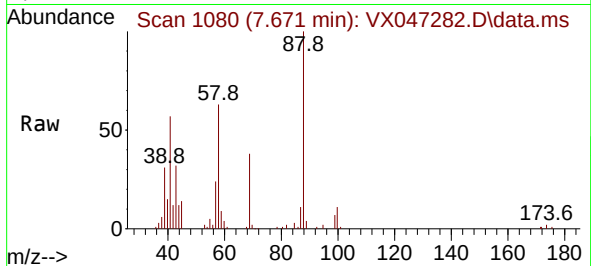
Tgt Ion: 41 Resp: 149440
Ion Ratio Lower Upper
41 100
69 80.5 62.3 93.5
39 56.8 44.8 67.2





#49
1,4-Dioxane
Concen: 885.916 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

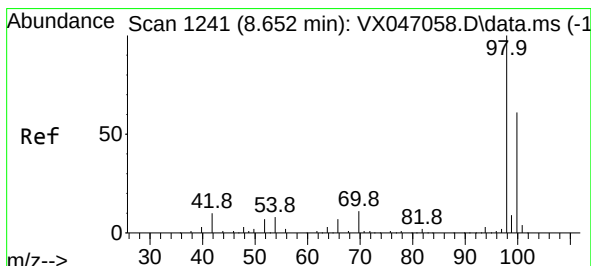
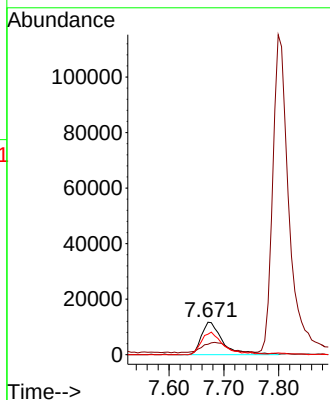
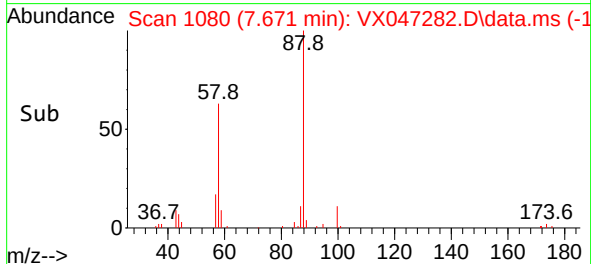
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31239
Ion Ratio Lower Upper
88 100
43 40.1 33.6 50.4
58 72.3 58.8 88.2

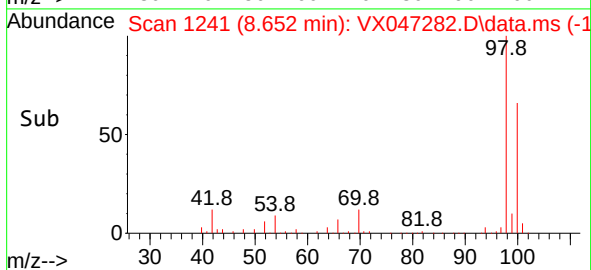
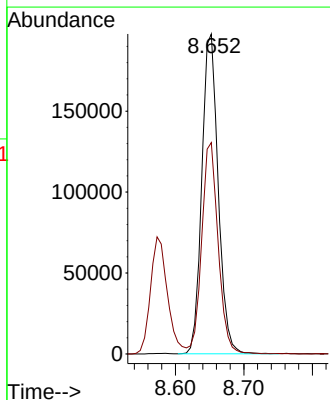
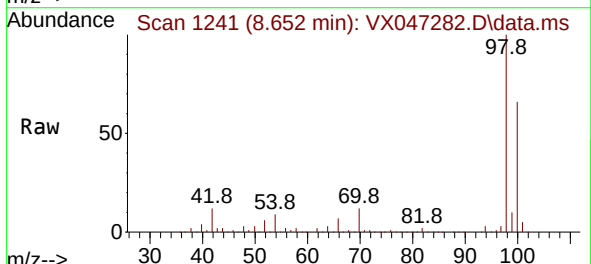
Manual Integrations
APPROVED

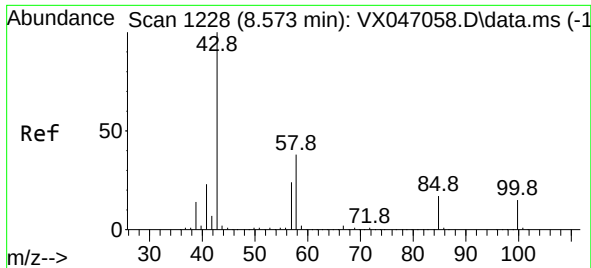
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#50
Toluene-d8
Concen: 43.598 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion: 98 Resp: 328148
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9





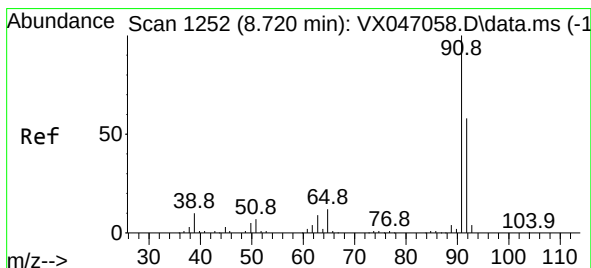
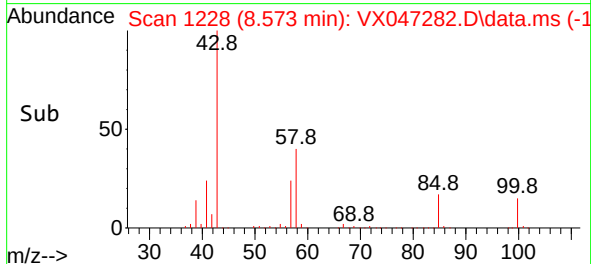
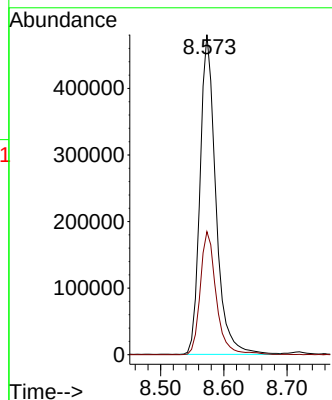
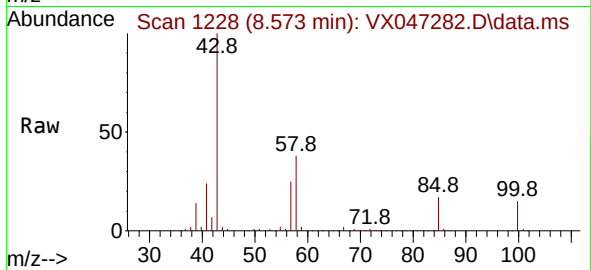
#51
4-Methyl-2-Pentanone
Concen: 247.242 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 83634
Ion Ratio Lower Upper
43 100
58 39.0 30.6 45.8

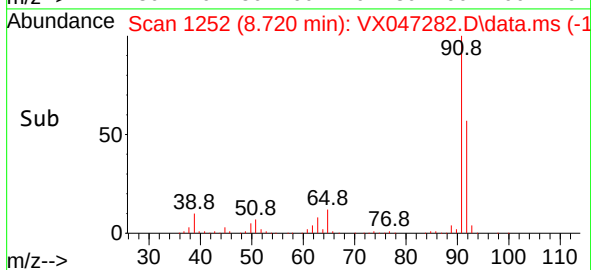
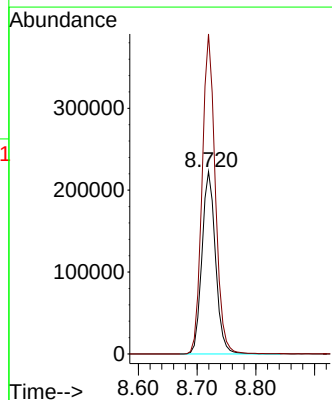
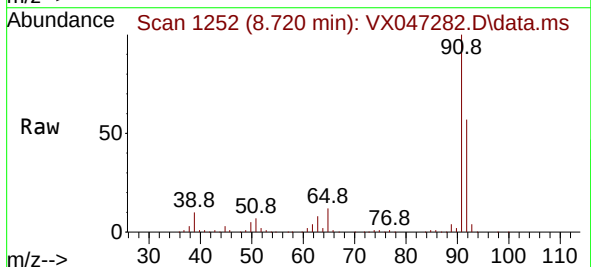
Manual Integrations
APPROVED

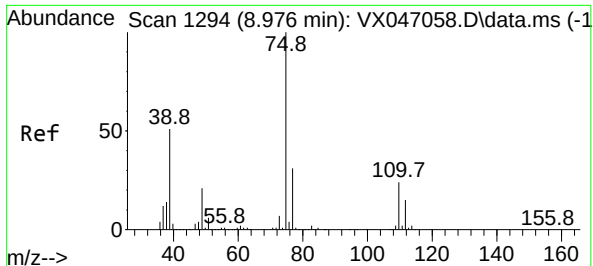
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#52
Toluene
Concen: 50.708 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

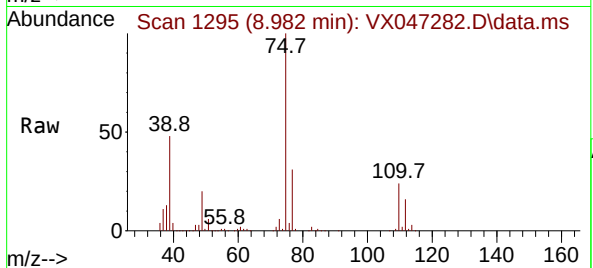
Tgt Ion: 92 Resp: 357473
Ion Ratio Lower Upper
92 100
91 171.0 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 49.728 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

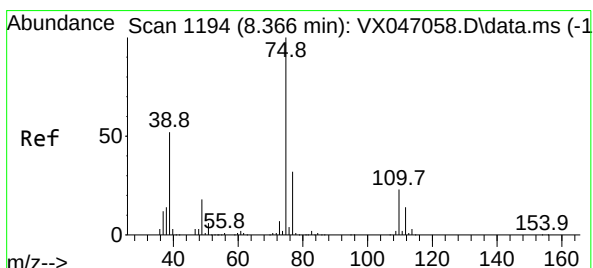
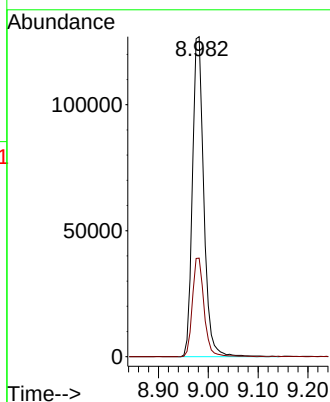
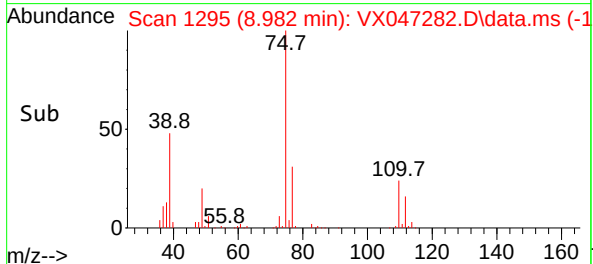
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



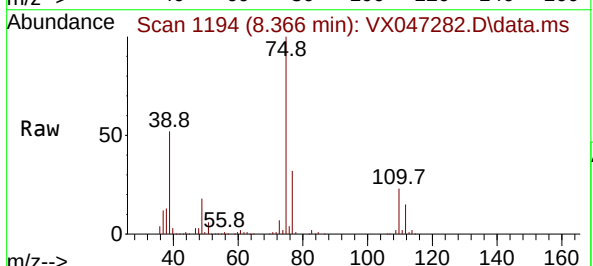
Tgt Ion: 75 Resp: 201270
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7

Manual Integrations
APPROVED

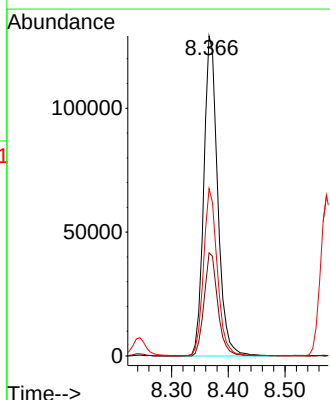
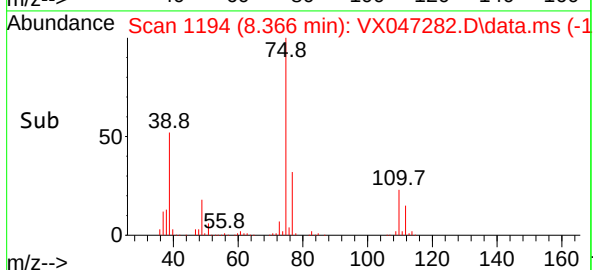
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

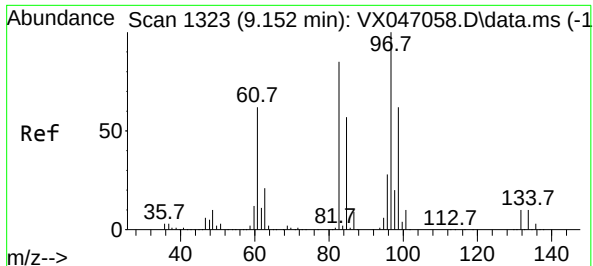


#54
cis-1,3-Dichloropropene
Concen: 49.696 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



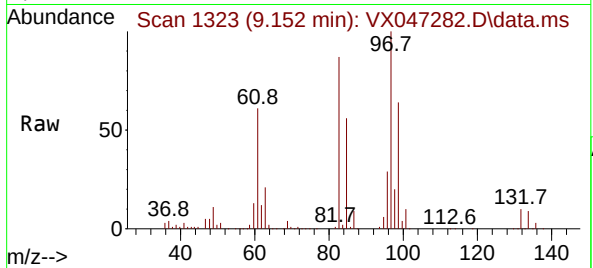
Tgt Ion: 75 Resp: 220145
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
39 52.2 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 49.803 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

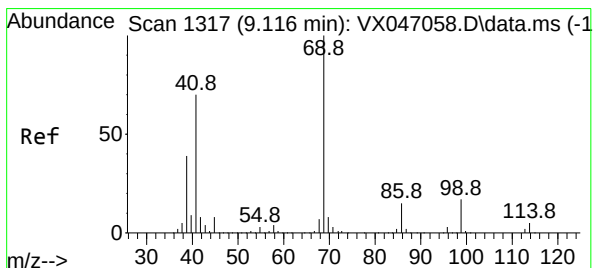
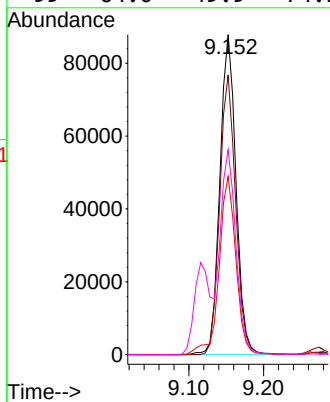
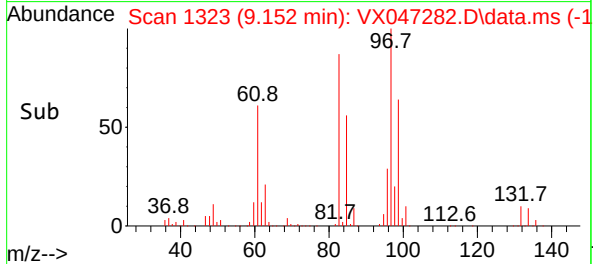


Tgt Ion: 97 Resp: 131669

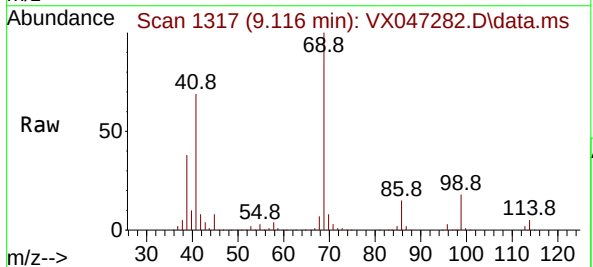
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.0	102.0
85	55.7	45.2	67.8
99	64.0	49.9	74.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

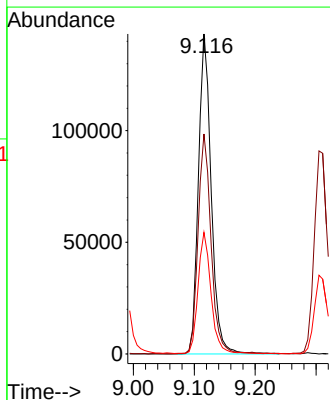
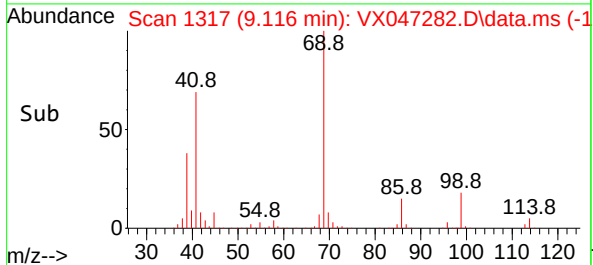


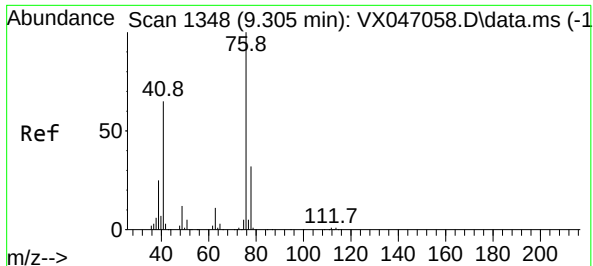
#56
Ethyl methacrylate
Concen: 53.503 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



Tgt Ion: 69 Resp: 209406

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.1	84.1
39	38.4	31.1	46.7





#57

1,3-Dichloropropane

Concen: 49.477 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 227338

Ion Ratio Lower Upper

76 100

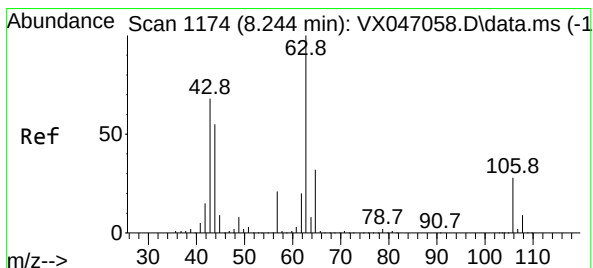
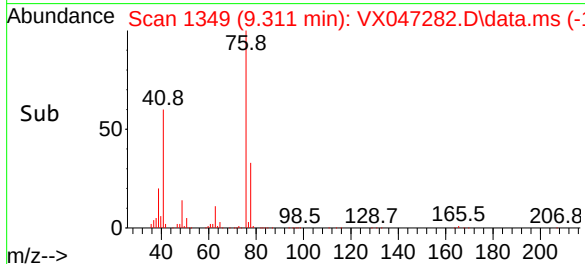
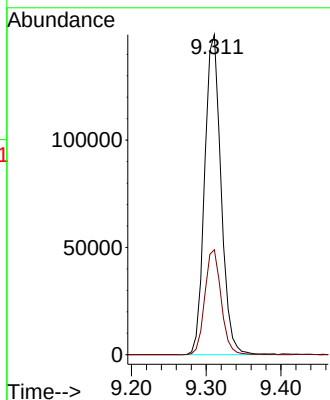
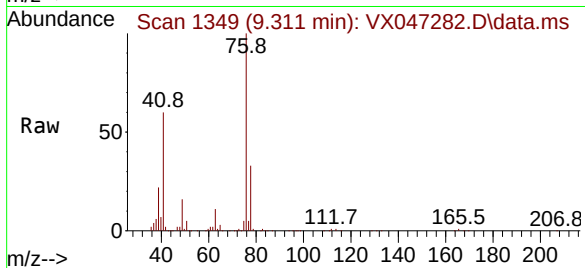
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 250.007 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047282.D

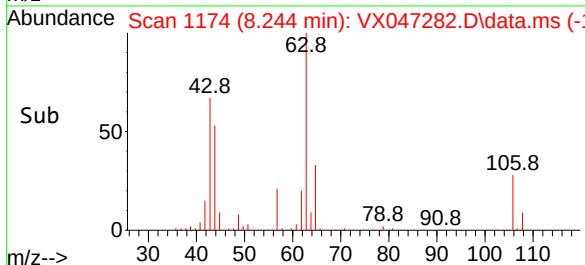
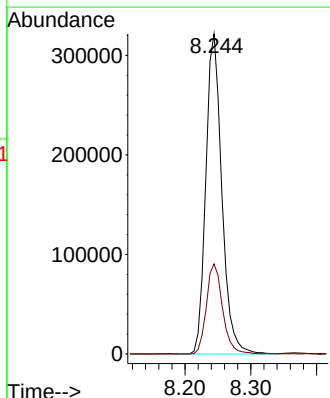
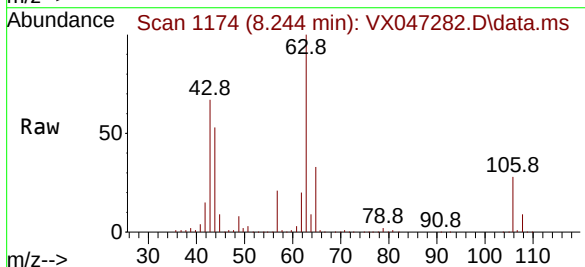
Acq: 08 Aug 2025 19:00

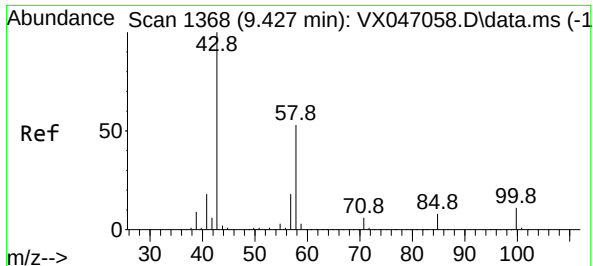
Tgt Ion: 63 Resp: 544510

Ion Ratio Lower Upper

63 100

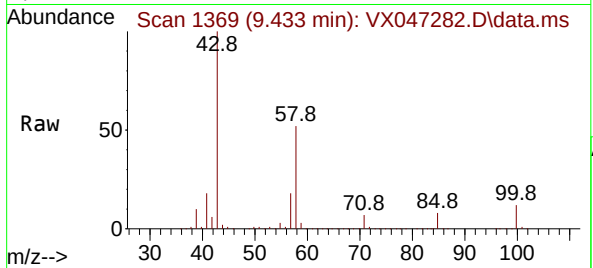
106 28.4 22.2 33.4





#59
2-Hexanone
Concen: 258.192 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

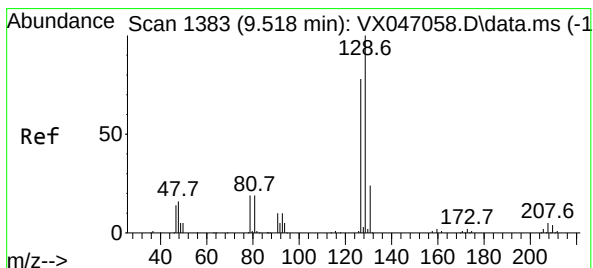
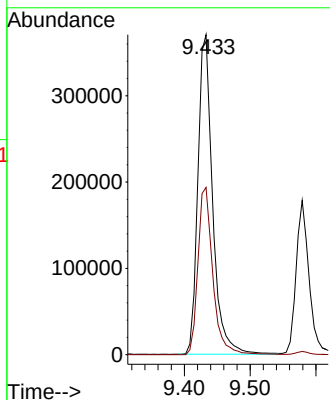
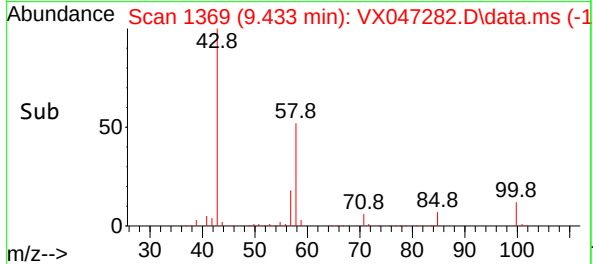
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 577028
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

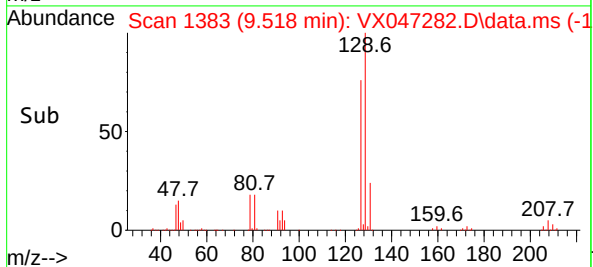
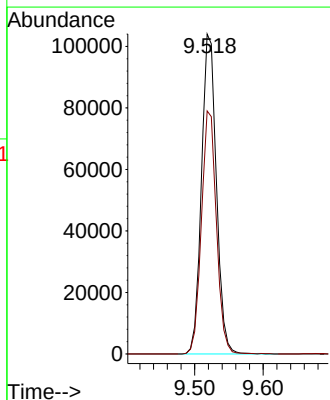
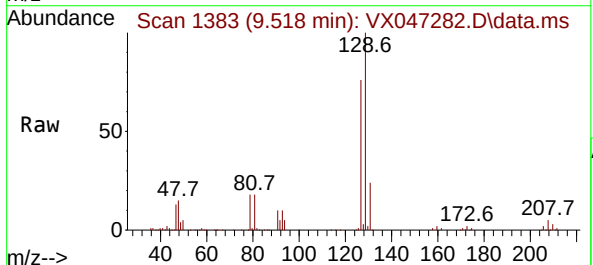
Manual Integrations
APPROVED

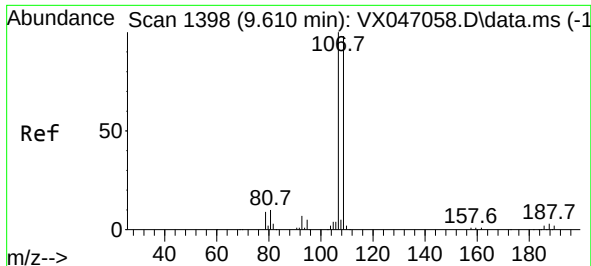
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#60
Dibromochloromethane
Concen: 50.781 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

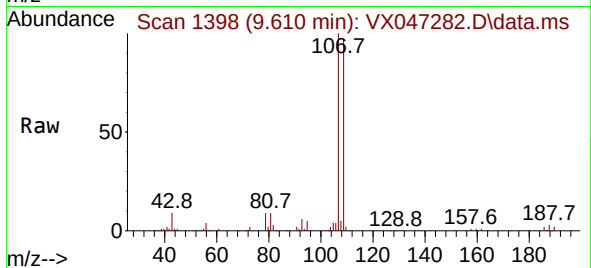
Tgt Ion:129 Resp: 157457
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 49.187 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

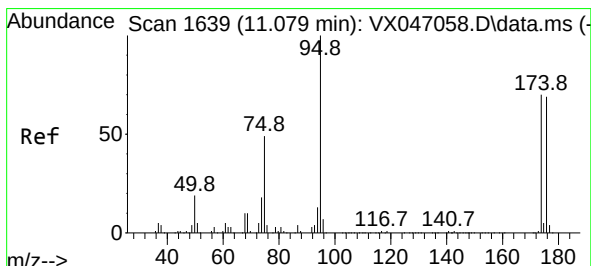
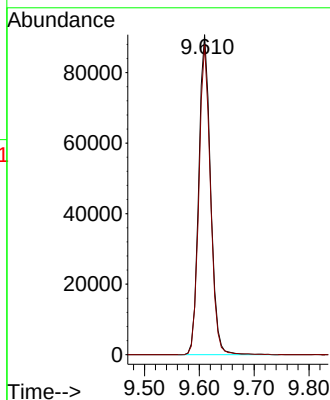
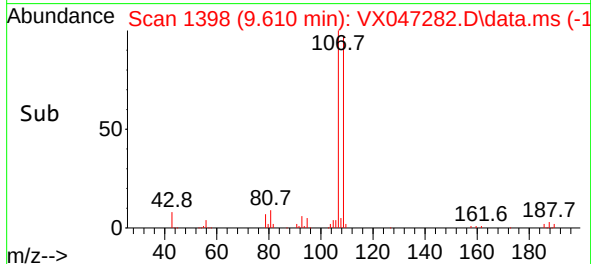
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



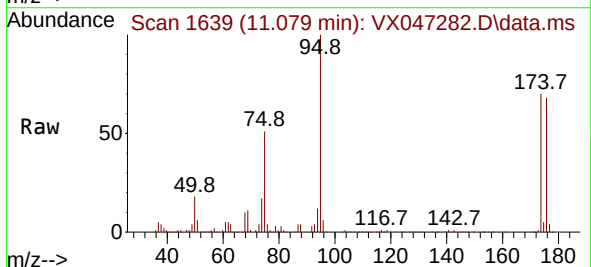
Tgt Ion:107 Resp: 135970
Ion Ratio Lower Upper
107 100
109 94.6 74.6 112.0

Manual Integrations
APPROVED

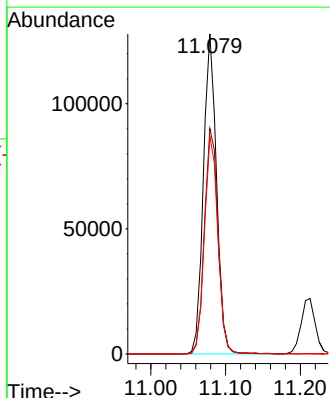
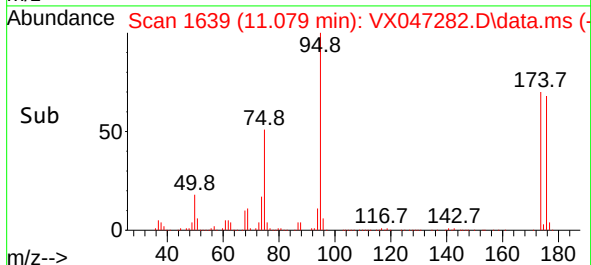
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

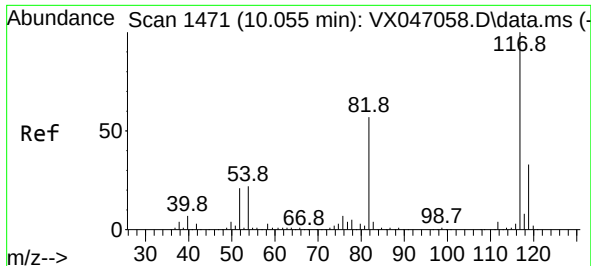


#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



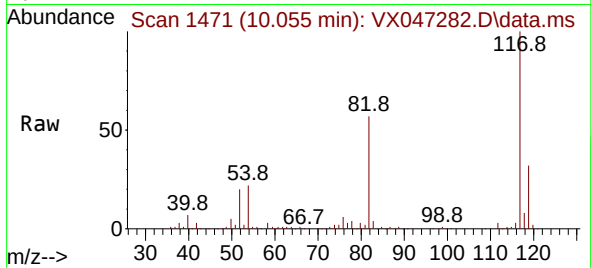
Tgt Ion: 95 Resp: 156345
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 69.7 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

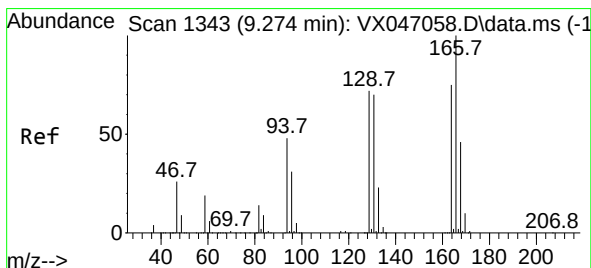
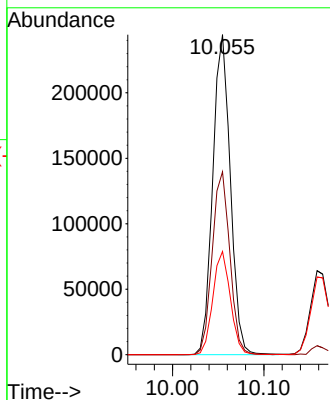
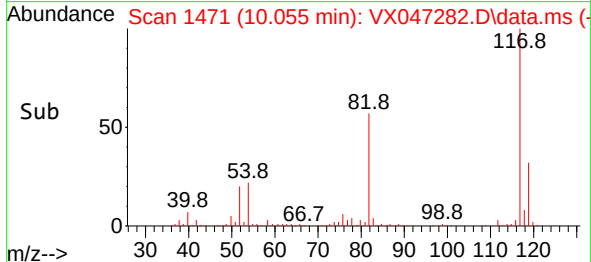
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 326815
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 32.3 26.1 39.1

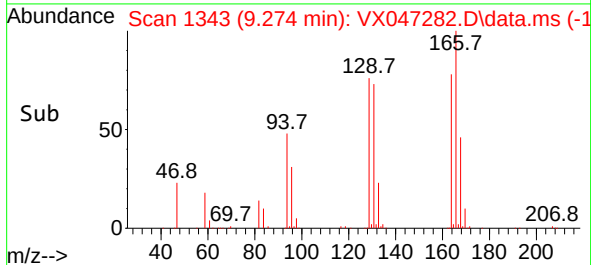
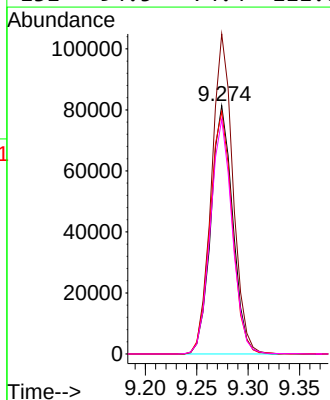
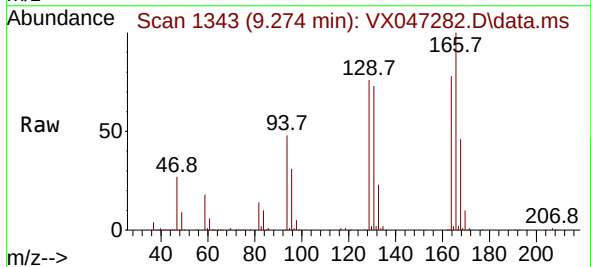
Manual Integrations
APPROVED

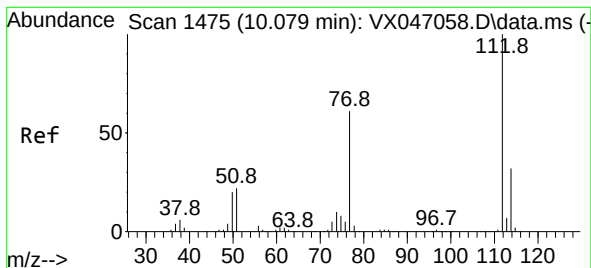
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#64
Tetrachloroethene
Concen: 50.630 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion:164 Resp: 119284
Ion Ratio Lower Upper
164 100
166 128.8 106.2 159.4
129 97.6 76.6 114.8
131 94.5 74.4 111.6





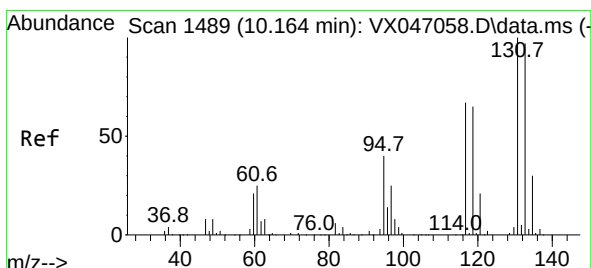
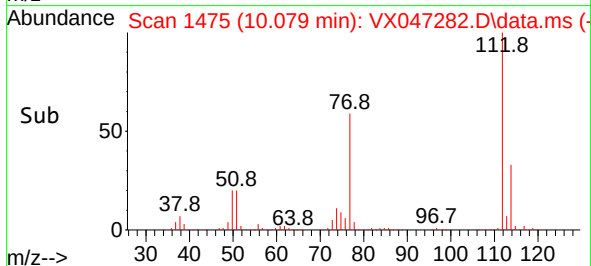
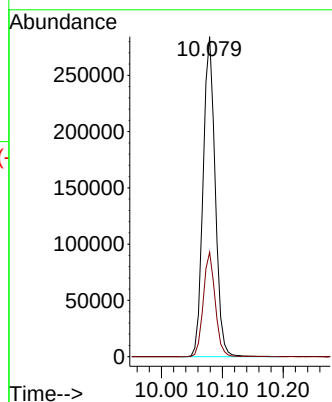
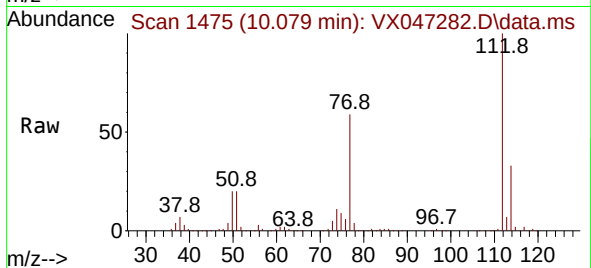
#65
Chlorobenzene
Concen: 51.150 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 39161
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

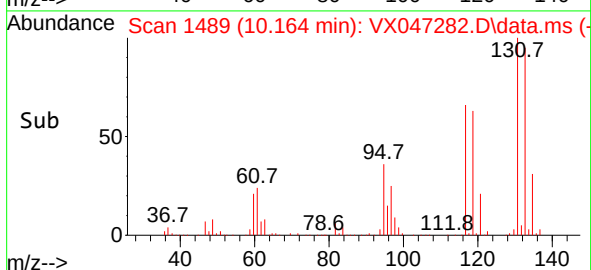
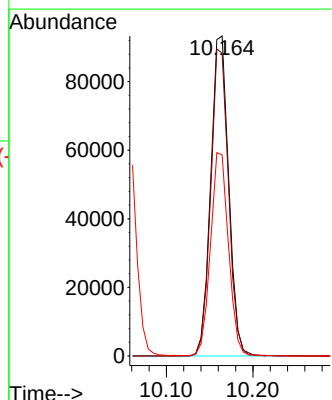
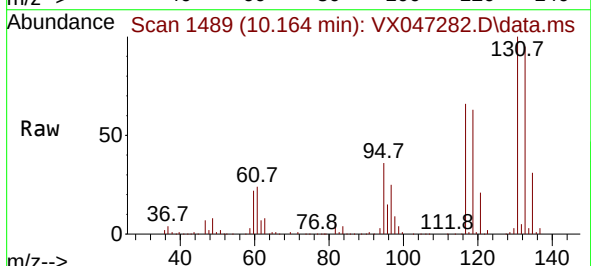
Manual Integrations
APPROVED

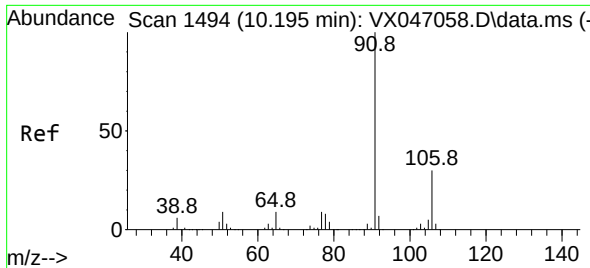
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.190 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

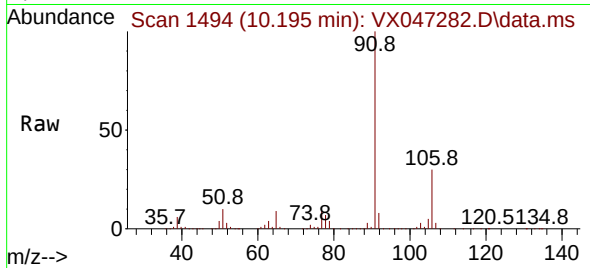
Tgt Ion:131 Resp: 134530
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.3
119 63.3 32.4 97.0





#67
Ethyl Benzene
Concen: 51.953 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

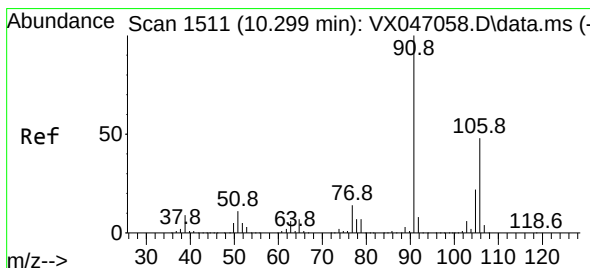
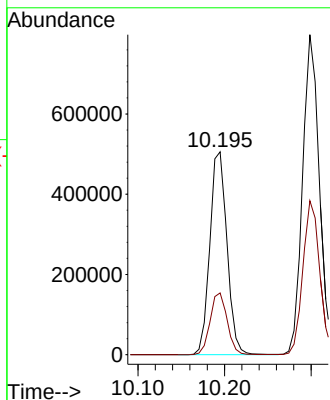
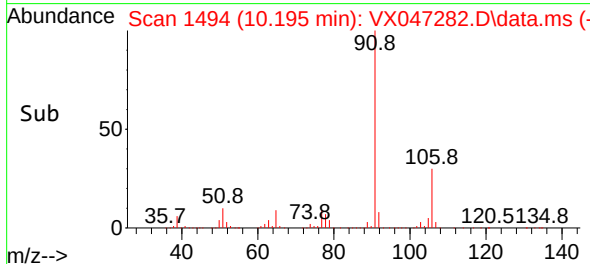
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 695474
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

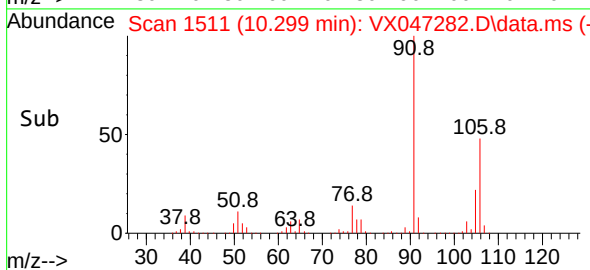
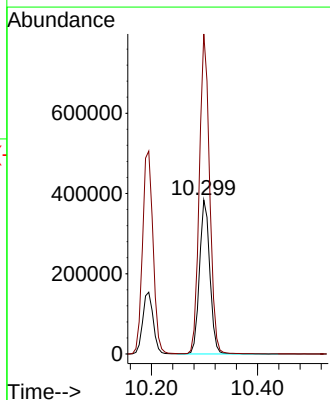
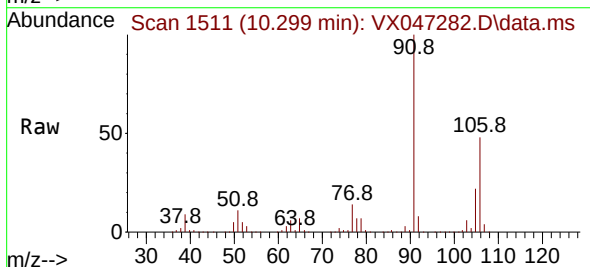
Manual Integrations
APPROVED

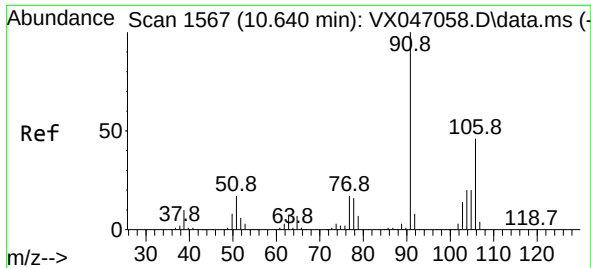
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#68
m/p-Xylenes
Concen: 103.947 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion:106 Resp: 520725
Ion Ratio Lower Upper
106 100
91 206.1 167.4 251.0





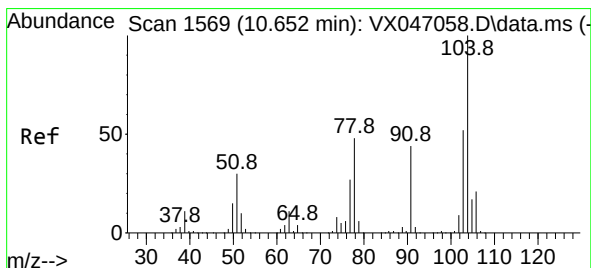
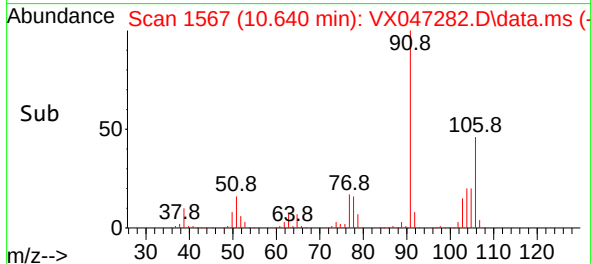
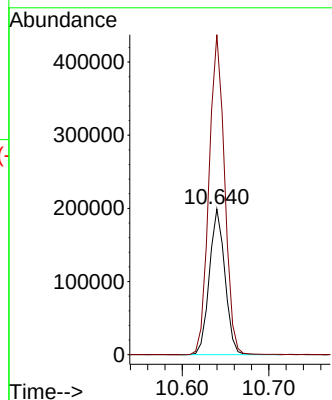
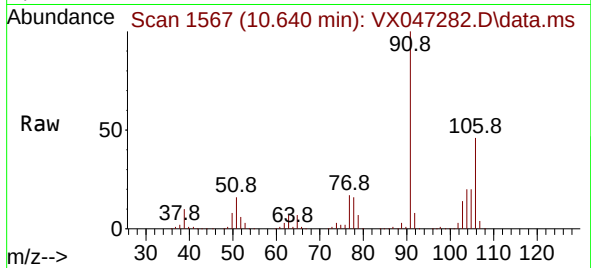
#69
o-Xylene
Concen: 52.131 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 24843
Ion Ratio Lower Upper
106 100
91 220.4 110.3 331.0

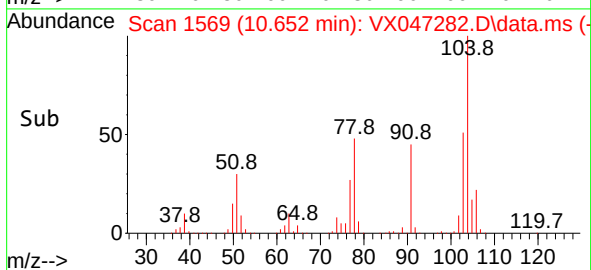
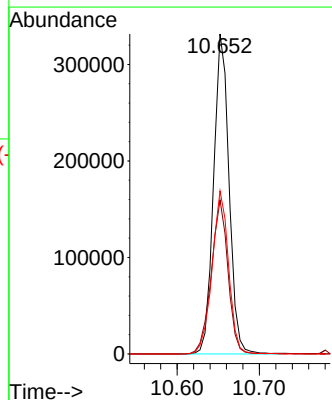
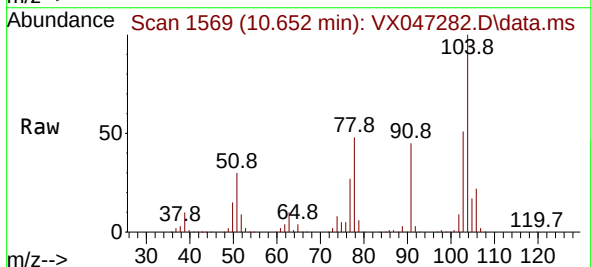
Manual Integrations
APPROVED

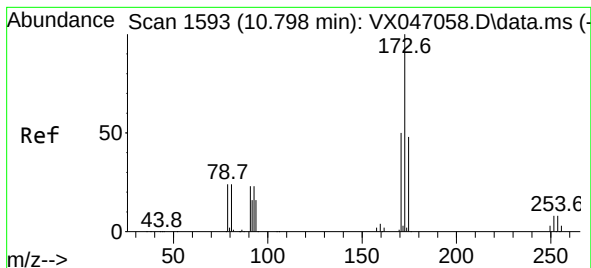
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#70
Styrene
Concen: 52.854 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

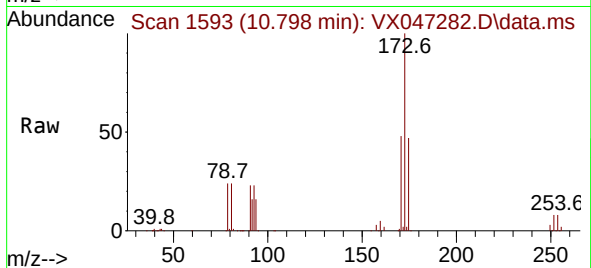
Tgt Ion:104 Resp: 431916
Ion Ratio Lower Upper
104 100
78 52.2 42.0 63.0
103 54.6 43.8 65.6





#71
Bromoform
Concen: 51.317 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

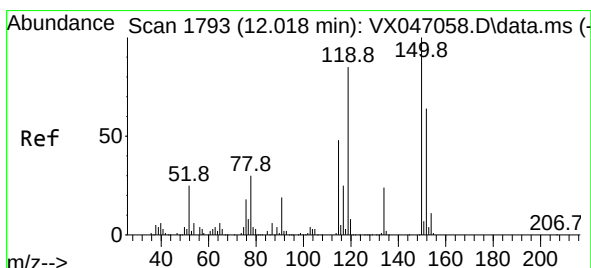
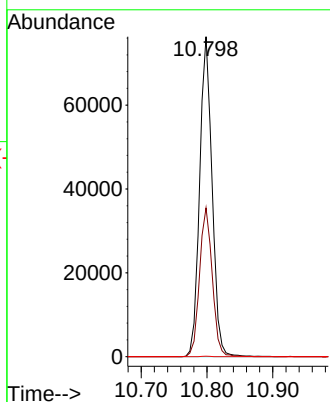
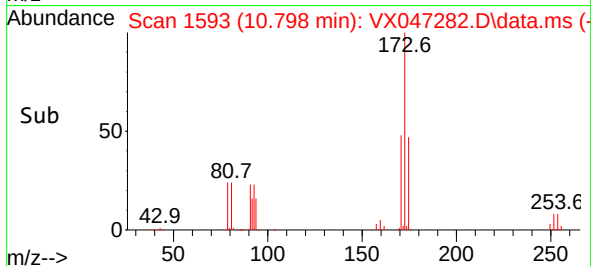
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



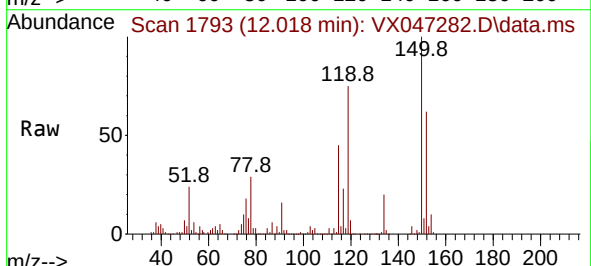
Tgt Ion:173 Resp: 100482
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

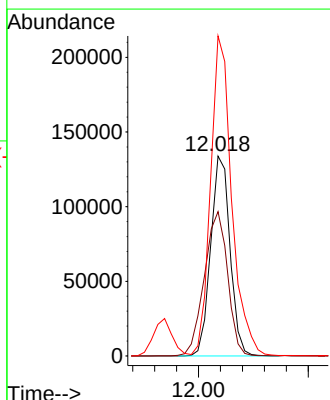
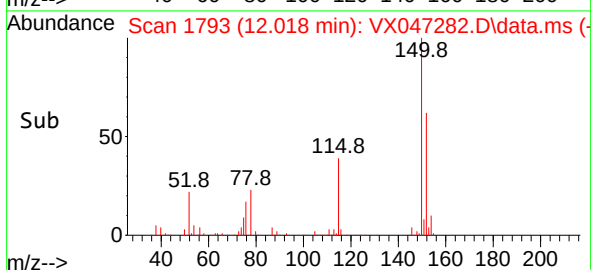
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

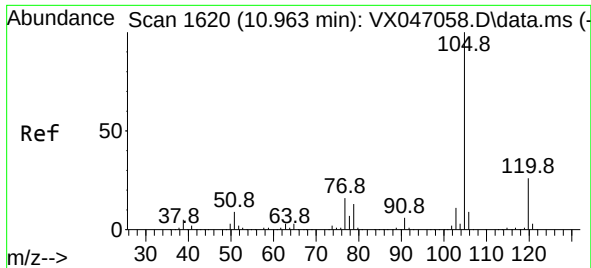


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



Tgt Ion:152 Resp: 163839
Ion Ratio Lower Upper
152 100
115 87.1 45.6 136.7
150 175.4 0.0 354.6





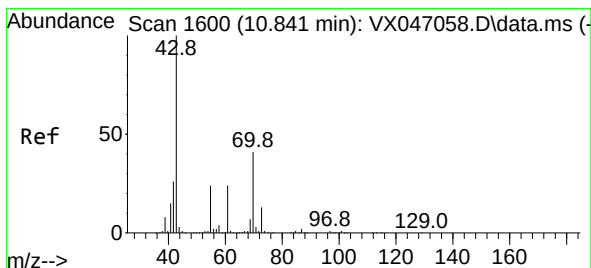
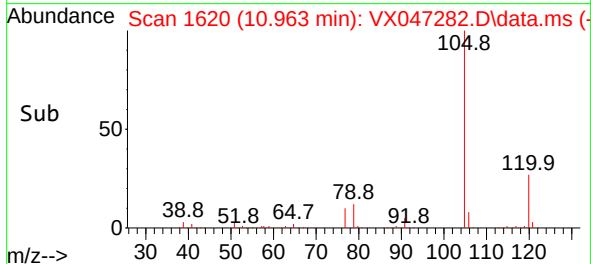
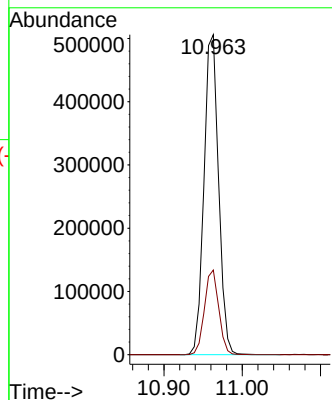
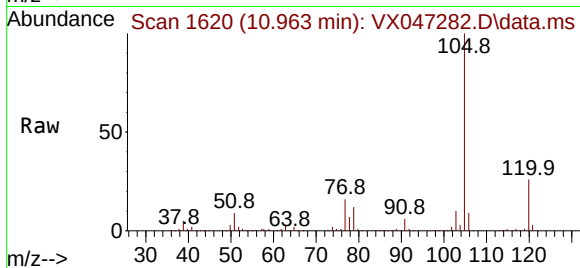
#73
Isopropylbenzene
Concen: 50.568 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 653630
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

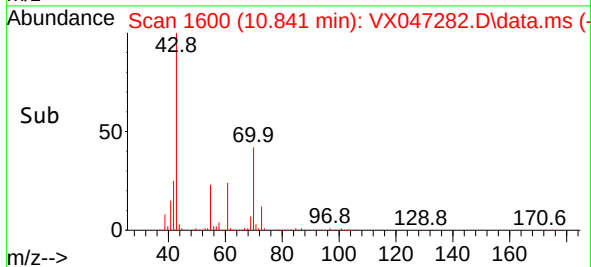
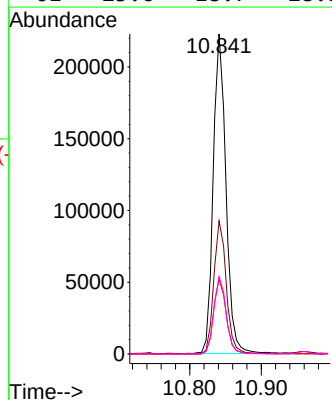
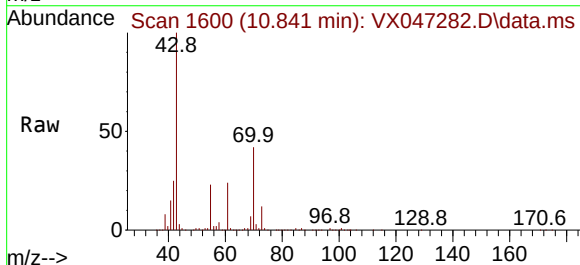
Manual Integrations
APPROVED

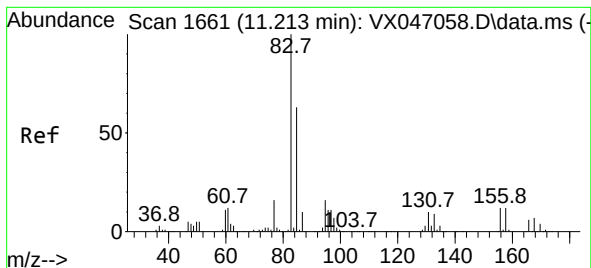
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#74
N-ethyl acetate
Concen: 52.726 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

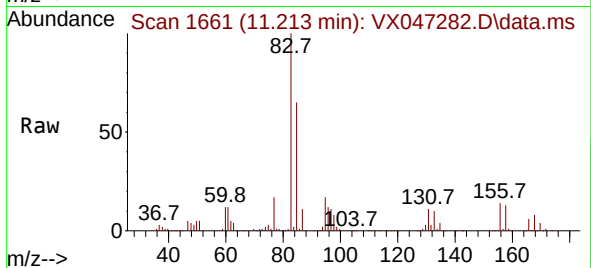
Tgt Ion: 43 Resp: 274988
Ion Ratio Lower Upper
43 100
70 41.1 32.3 48.5
55 23.3 18.9 28.3
61 23.6 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 49.065 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

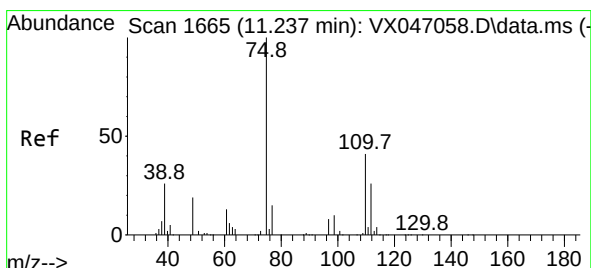
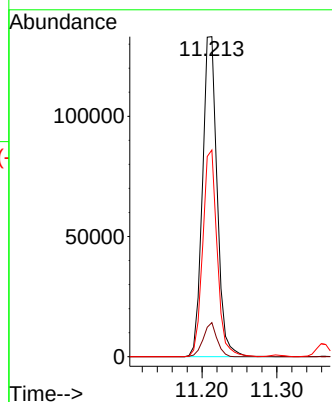
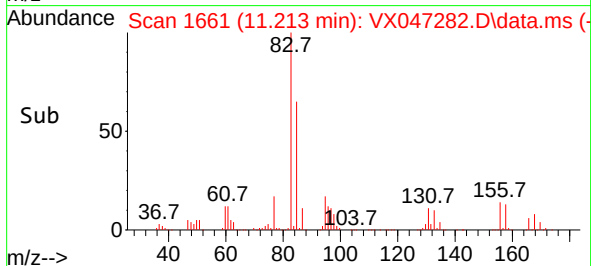
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 181159
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.6 32.0 96.2

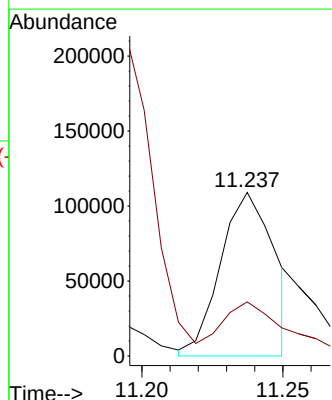
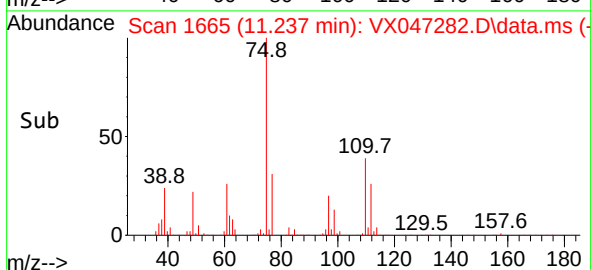
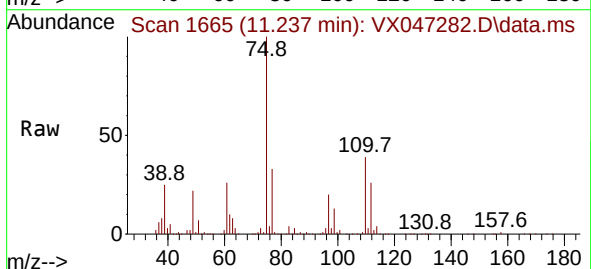
Manual Integrations
APPROVED

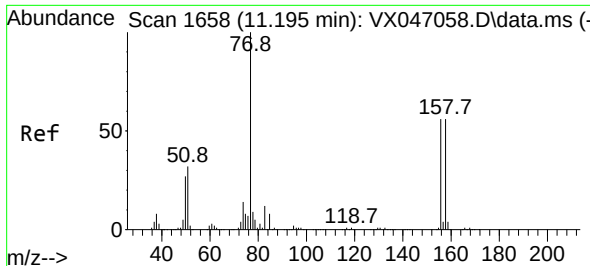
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#76
1,2,3-Trichloropropane
Concen: 47.705 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

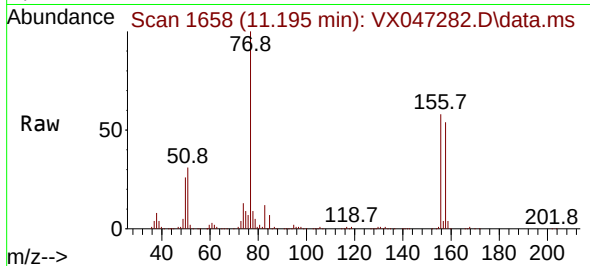
Tgt Ion: 75 Resp: 144670
Ion Ratio Lower Upper
75 100
77 40.8 21.6 65.0





#77
Bromobenzene
Concen: 50.294 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

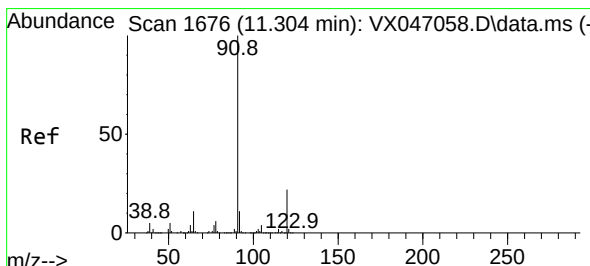
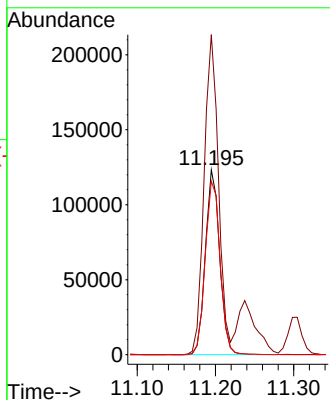
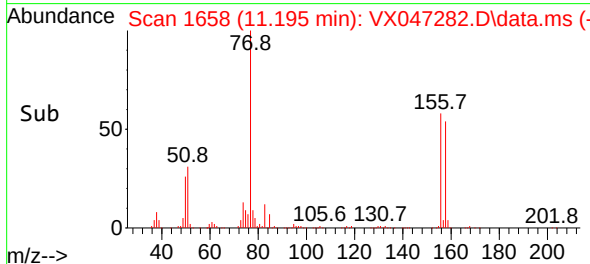
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



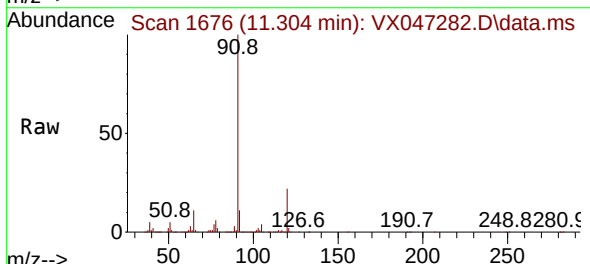
Tgt Ion:156 Resp: 155927
Ion Ratio Lower Upper
156 100
77 173.3 87.3 261.9
158 97.6 48.9 146.6

Manual Integrations
APPROVED

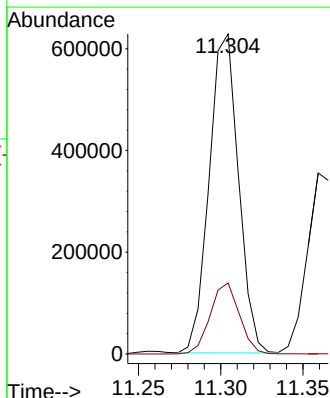
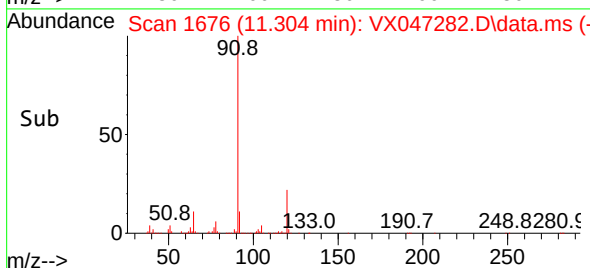
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

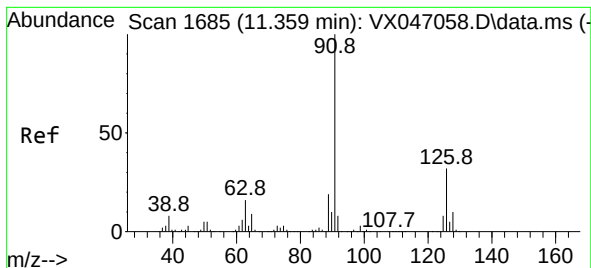


#78
n-propylbenzene
Concen: 50.372 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



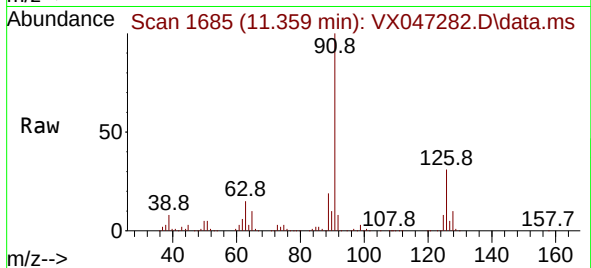
Tgt Ion: 91 Resp: 778059
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





#79
2-Chlorotoluene
Concen: 49.501 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

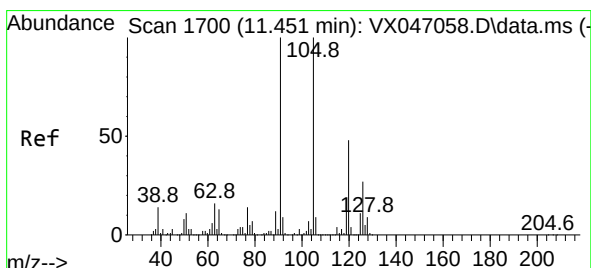
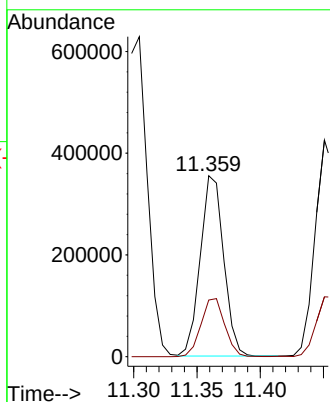
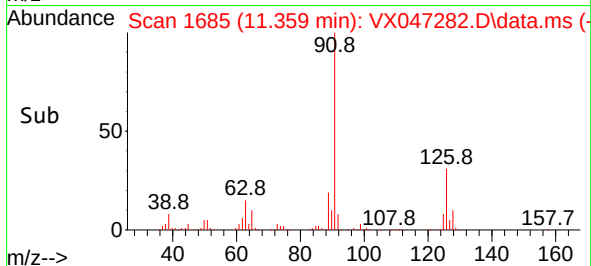
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 45705
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

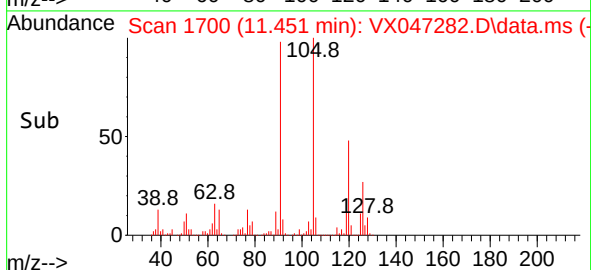
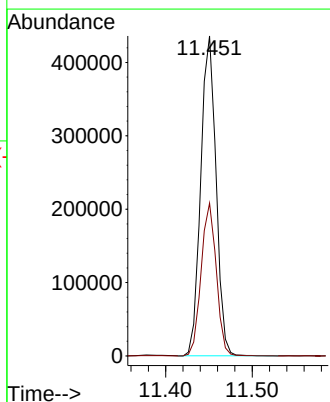
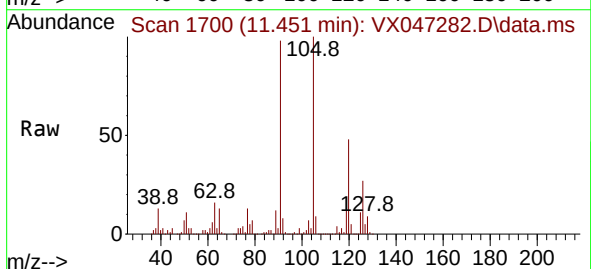
Manual Integrations
APPROVED

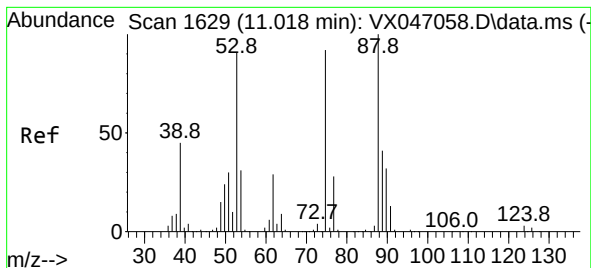
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.101 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

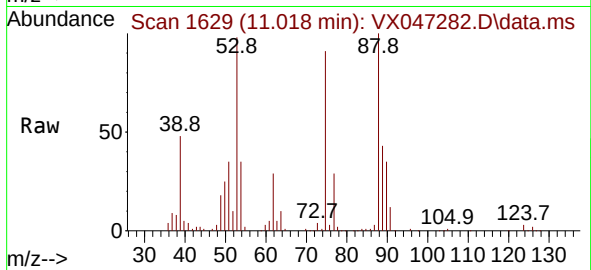
Tgt Ion:105 Resp: 535017
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 31.065 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

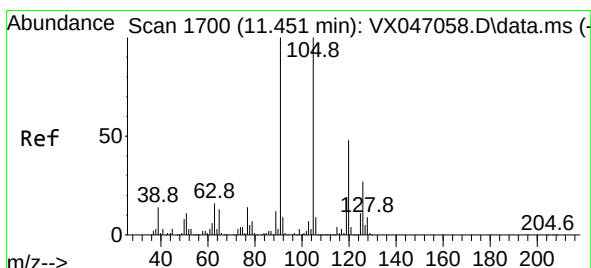
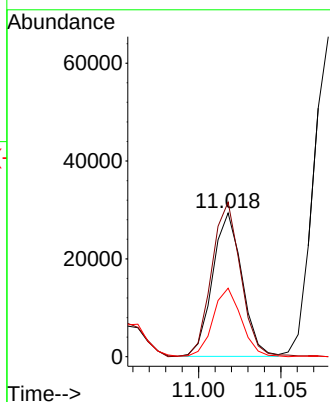
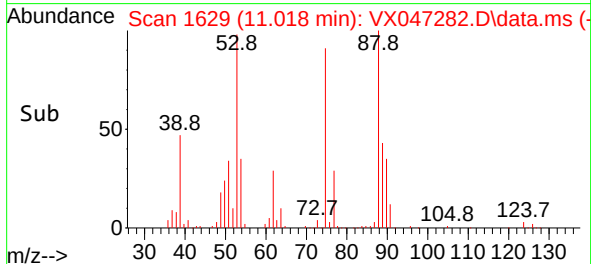
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 36560
Ion Ratio Lower Upper
75 100
53 106.9 84.2 126.4
89 46.1 36.0 54.0

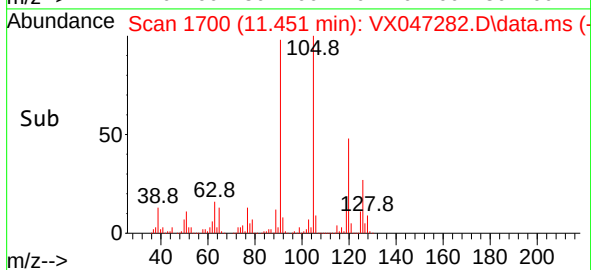
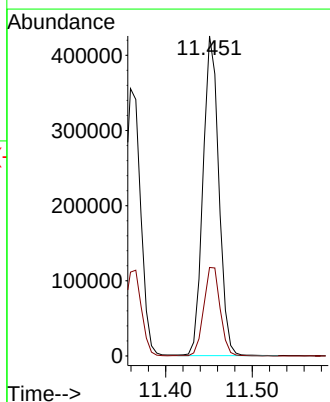
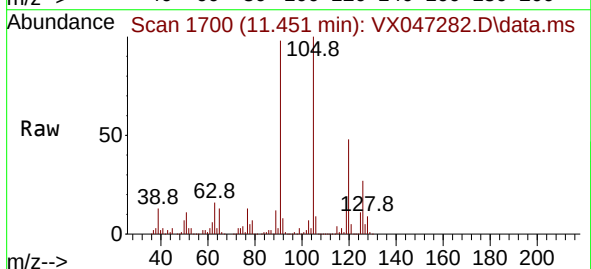
Manual Integrations
APPROVED

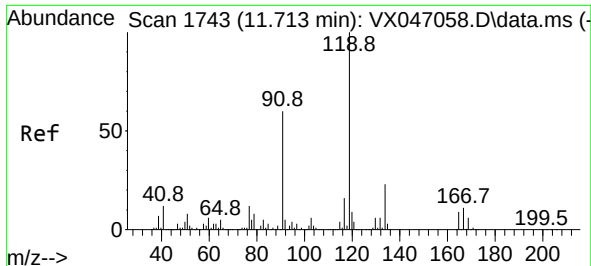
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#82
4-Chlorotoluene
Concen: 50.114 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

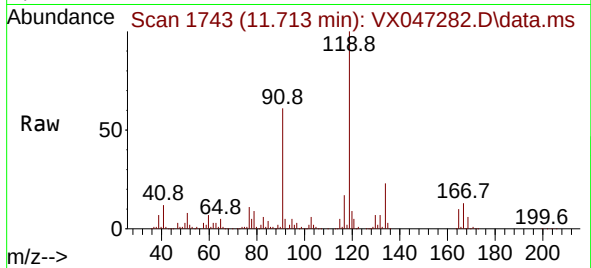
Tgt Ion: 91 Resp: 540093
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.3





#83
tert-Butylbenzene
Concen: 49.640 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

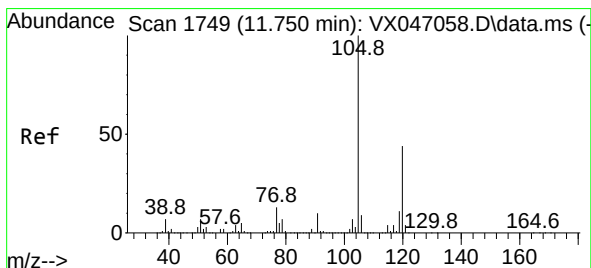
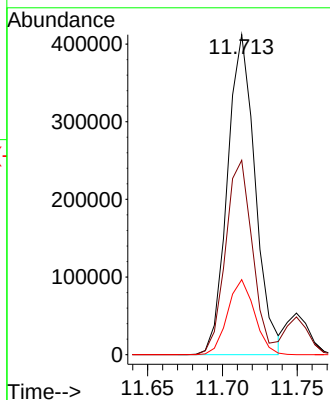
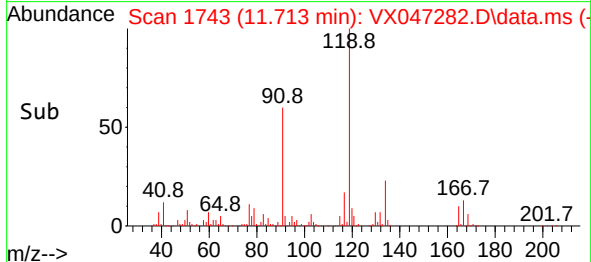
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



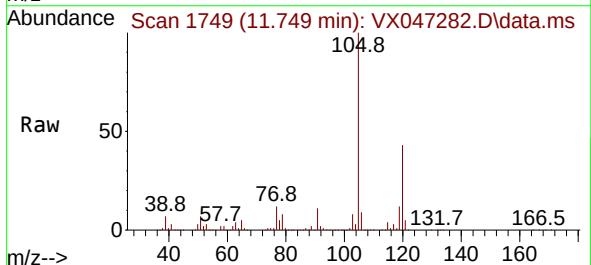
Tgt Ion:119 Resp: 532050
Ion Ratio Lower Upper
119 100
91 59.7 29.6 88.8
134 22.8 11.4 34.1

Manual Integrations
APPROVED

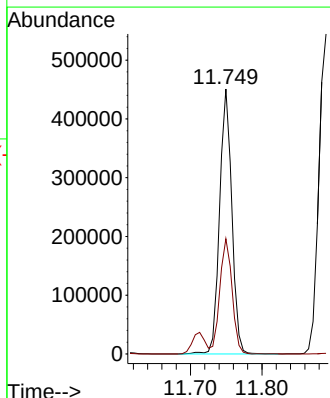
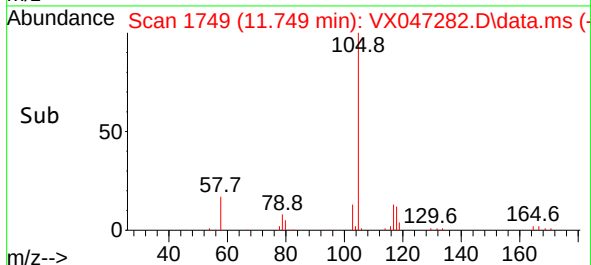
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

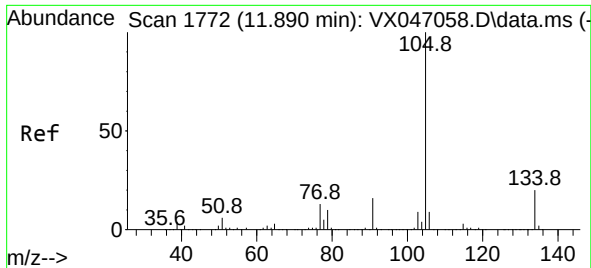


#84
1,2,4-Trimethylbenzene
Concen: 50.249 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



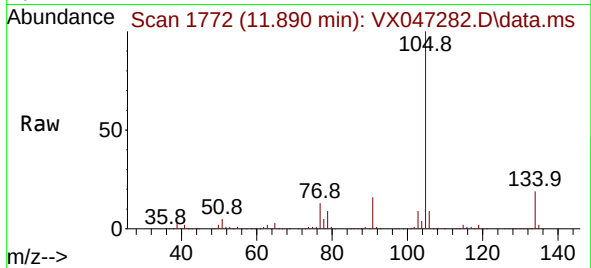
Tgt Ion:105 Resp: 535221
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.124 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047282.D
 Acq: 08 Aug 2025 19:00

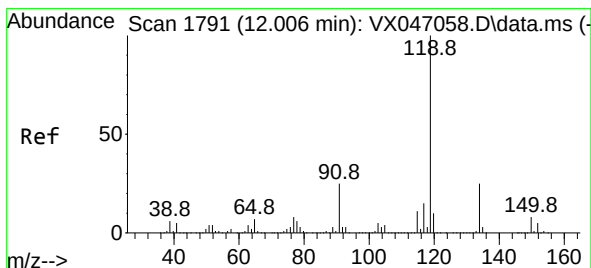
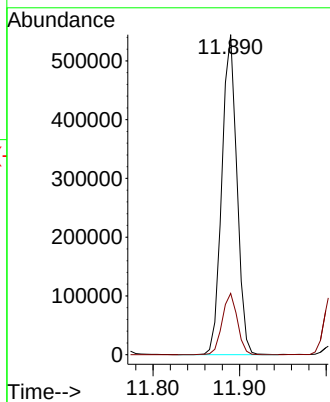
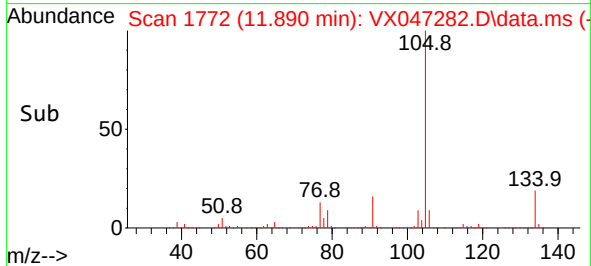
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



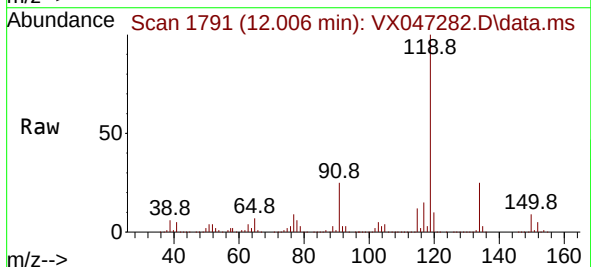
Tgt Ion:105 Resp: 65786
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7

Manual Integrations
 APPROVED

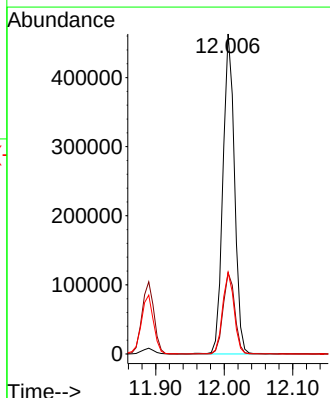
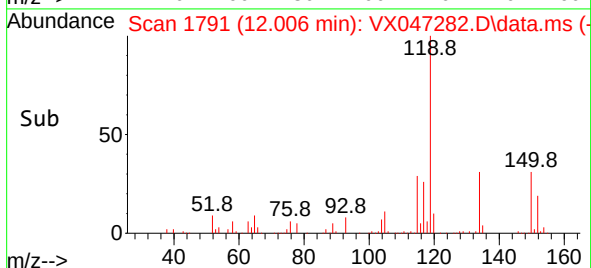
Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025

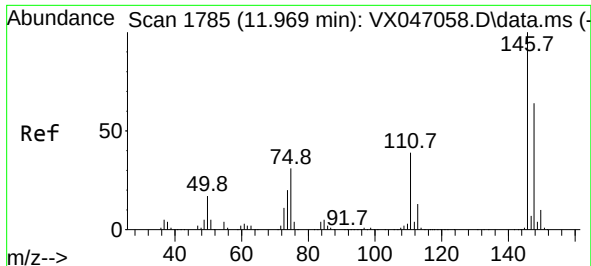


#86
 p-Isopropyltoluene
 Concen: 48.668 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047282.D
 Acq: 08 Aug 2025 19:00



Tgt Ion:119 Resp: 540485
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.958 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 29429

Ion Ratio Lower Upper

146 100

111 41.5 21.0 63.0

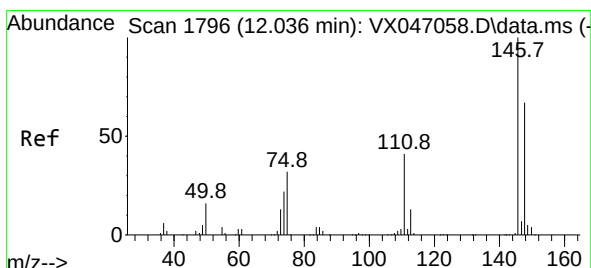
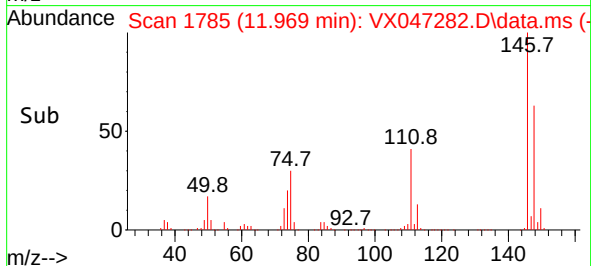
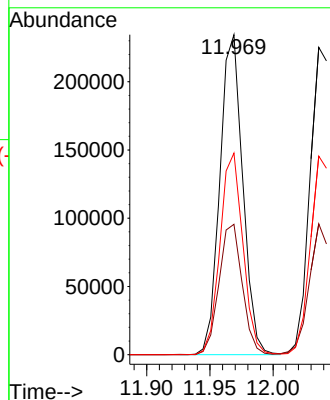
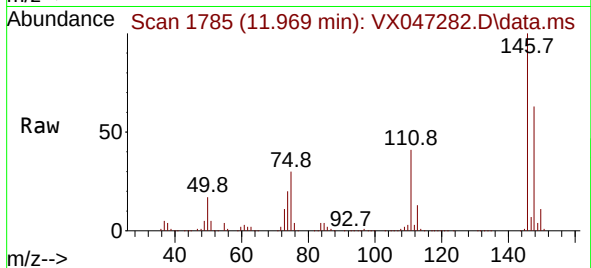
148 63.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#88

1,4-Dichlorobenzene

Concen: 48.876 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

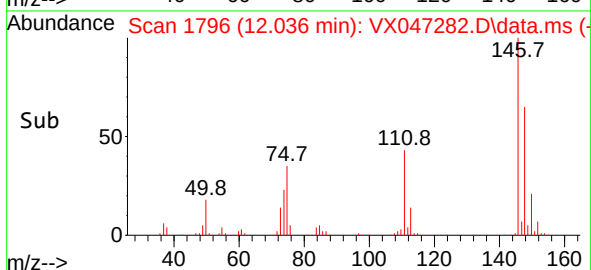
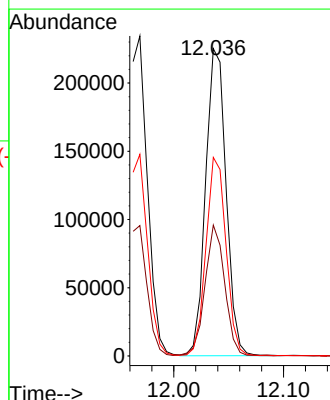
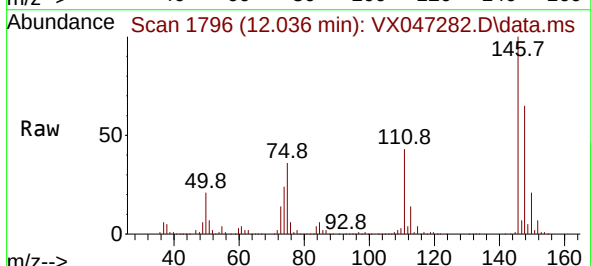
Tgt Ion:146 Resp: 291706

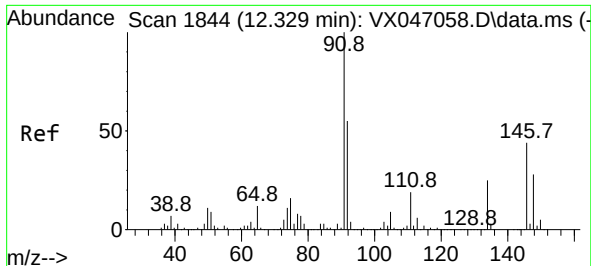
Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

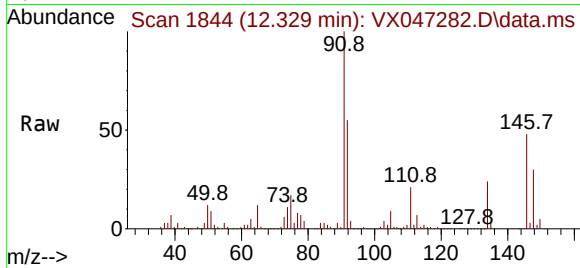
148 63.9 33.0 98.9





#89
n-Butylbenzene
Concen: 47.880 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

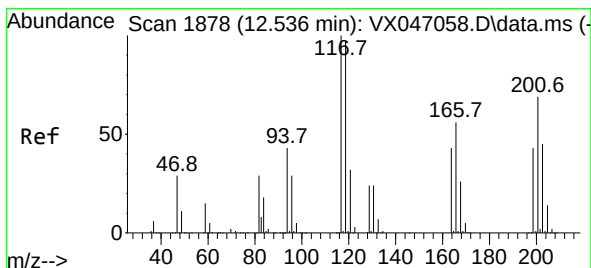
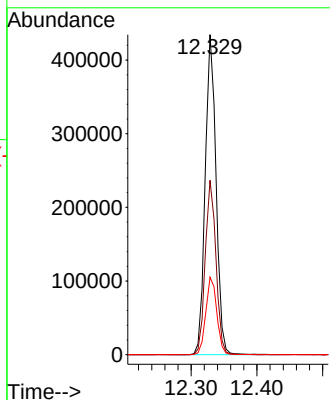
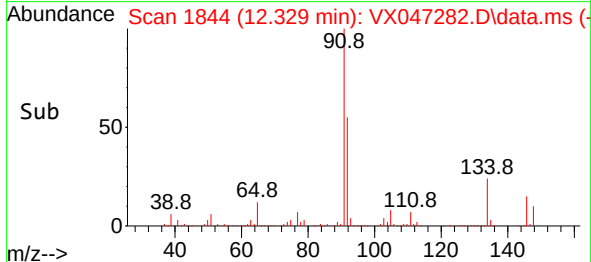
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 498650
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.5
134 24.6 12.8 38.3

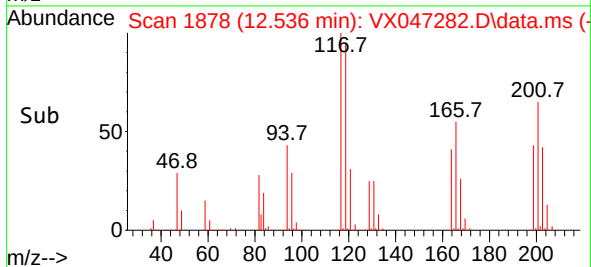
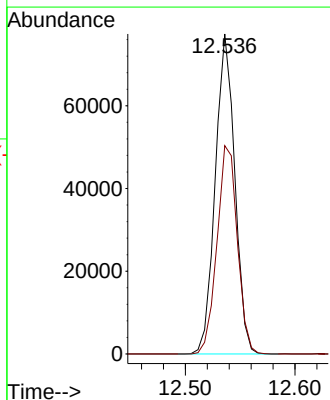
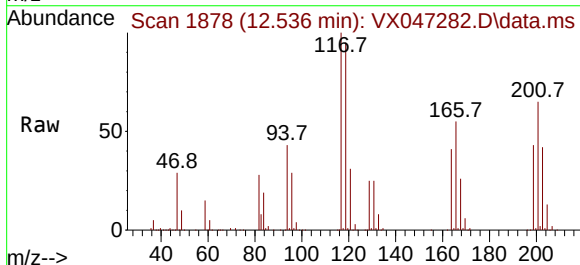
Manual Integrations
APPROVED

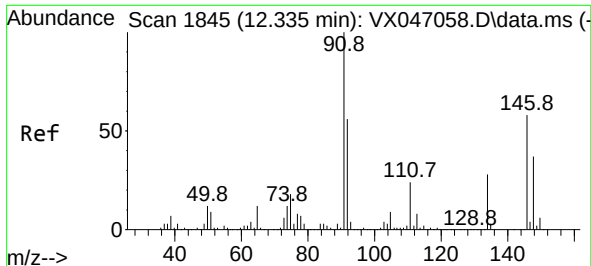
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#90
Hexachloroethane
Concen: 48.172 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Tgt Ion:117 Resp: 95705
Ion Ratio Lower Upper
117 100
201 68.0 34.8 104.5





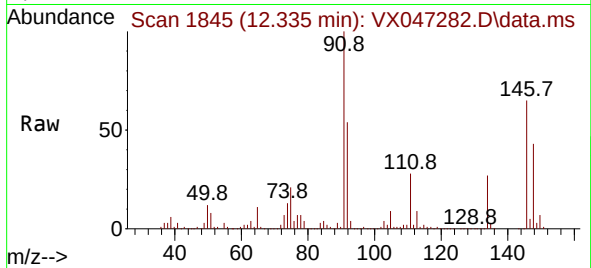
#91
1,2-Dichlorobenzene
Concen: 49.323 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



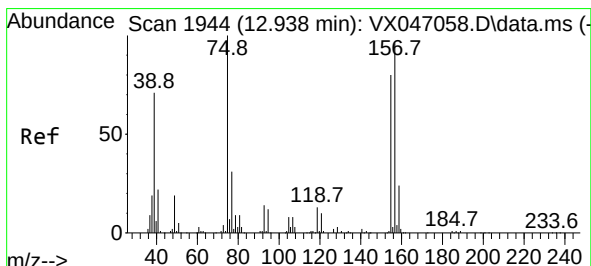
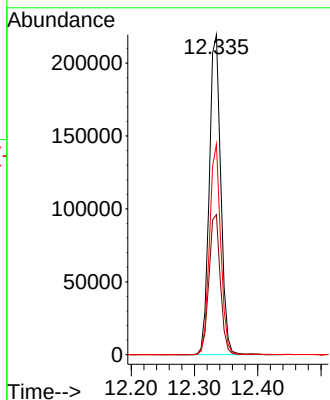
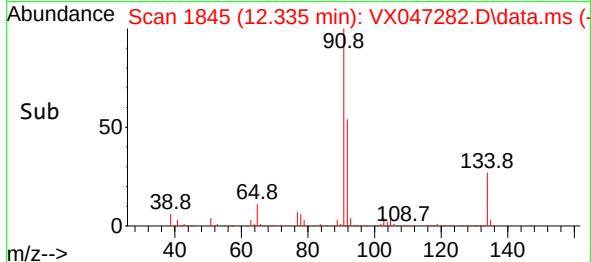
Tgt Ion:146 Resp: 277699
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 64.0 31.9 95.7

Manual Integrations

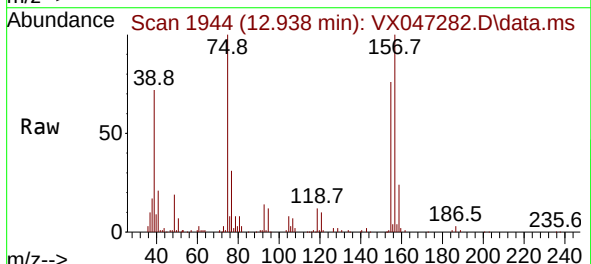
APPROVED

Reviewed By :John Carlone 08/12/2025

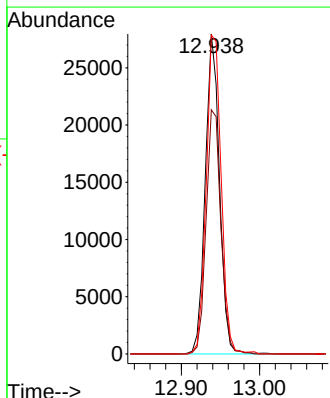
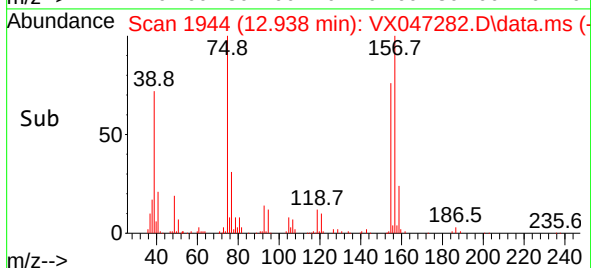
Supervised By :Mahesh Dadoda 08/12/2025

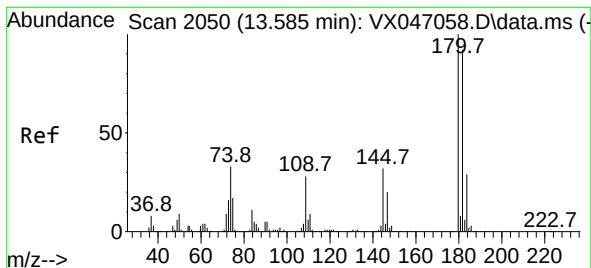


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.599 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047282.D
Acq: 08 Aug 2025 19:00



Tgt Ion: 75 Resp: 35152
Ion Ratio Lower Upper
75 100
155 79.2 41.3 124.1
157 105.1 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 48.217 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 17936

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

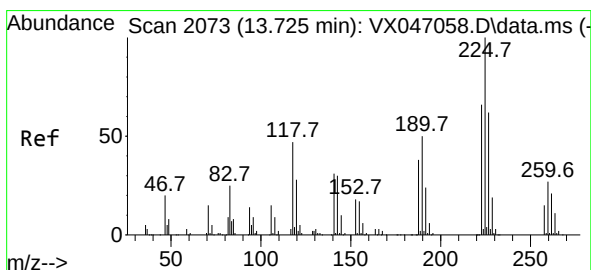
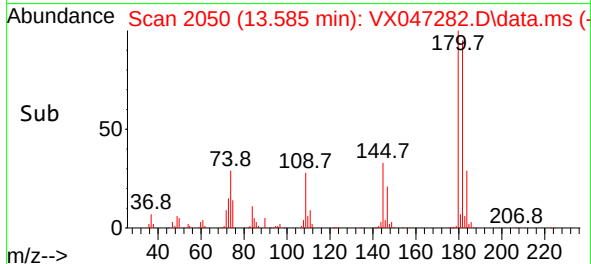
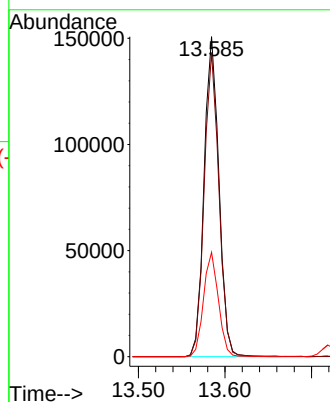
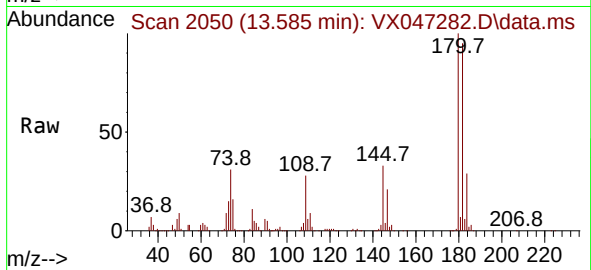
145 32.7 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#94

Hexachlorobutadiene

Concen: 44.179 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

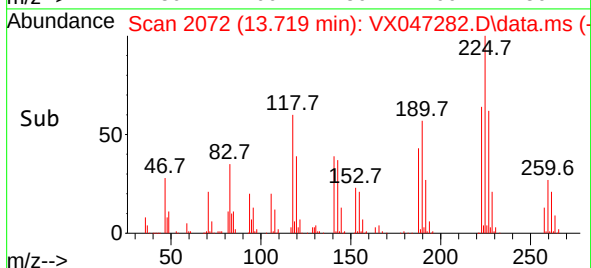
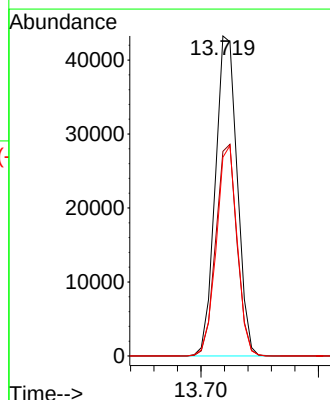
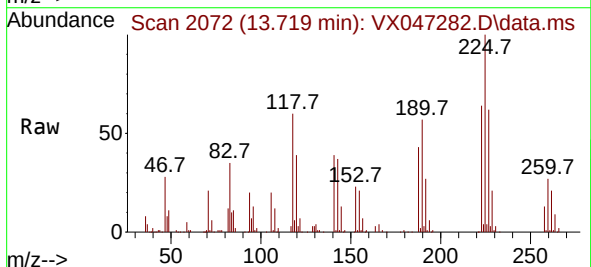
Tgt Ion:225 Resp: 55890

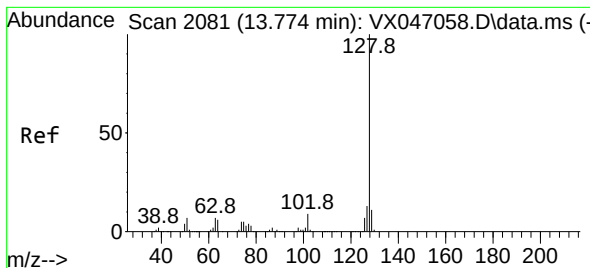
Ion Ratio Lower Upper

225 100

223 64.1 31.6 95.0

227 62.7 32.9 98.6





#95

Naphthalene

Concen: 48.918 ug/l

RT: 13.773 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

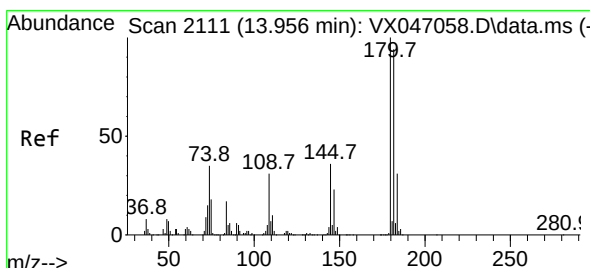
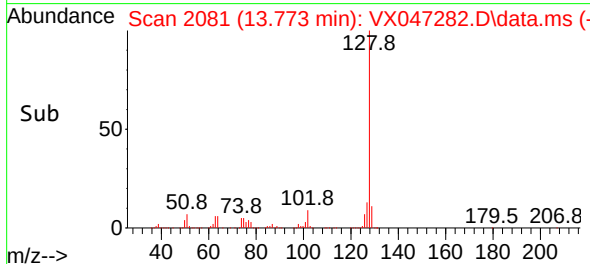
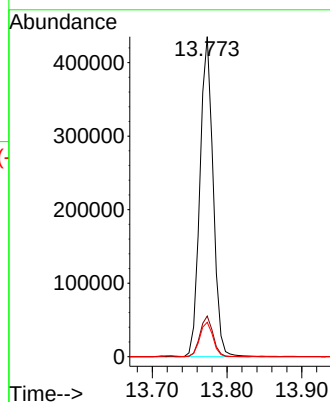
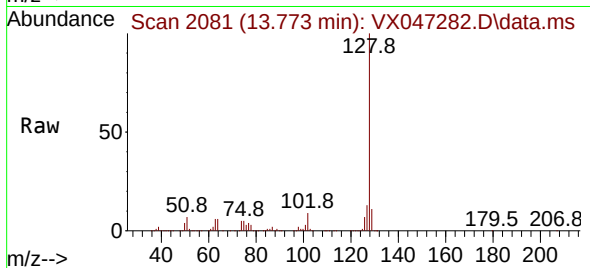
Tgt Ion:128	Resp: 53345
Ion Ratio	Lower Upper
128 100	
127 12.6	10.1 15.1
129 10.8	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.307 ug/l

RT: 13.956 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047282.D

Acq: 08 Aug 2025 19:00

Tgt Ion:180	Resp: 169532
Ion Ratio	Lower Upper
180 100	
182 95.1	46.9 140.6
145 34.7	17.3 52.0

