

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073125\
 Data File : VX047198.D
 Acq On : 31 Jul 2025 13:00
 Operator : JC/MD
 Sample : VX0731WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Quant Time: Aug 01 01:50:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2025
 Supervised By : Mahesh Dadoda 08/01/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	288479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	487110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	216644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178356	49.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.260%		
35) Dibromofluoromethane	5.397	113	152397	50.671	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	8.653	98	464507	47.691	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.079	95	217751	51.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	69466	18.129	ug/l	99
3) Chloromethane	1.313	50	62585	16.512	ug/l	97
4) Vinyl Chloride	1.392	62	75387	18.503	ug/l	95
5) Bromomethane	1.630	94	34466	15.573	ug/l	94
6) Chloroethane	1.709	64	44487	16.624	ug/l	98
7) Trichlorofluoromethane	1.910	101	111143	18.294	ug/l	98
8) Diethyl Ether	2.148	74	38269	17.865	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	67826	18.530	ug/l	100
10) Methyl Iodide	2.471	142	75983	20.368	ug/l	96
11) Tert butyl alcohol	2.959	59	45166	101.403	ug/l	99
12) 1,1-Dichloroethene	2.337	96	64019	17.659	ug/l	98
13) Acrolein	2.252	56	38462	49.708	ug/l	97
14) Allyl chloride	2.684	41	104852	16.000	ug/l	96
15) Acrylonitrile	3.081	53	172560	100.685	ug/l	100
16) Acetone	2.392	43	150148	104.300	ug/l	99
17) Carbon Disulfide	2.532	76	176779	16.855	ug/l	99
18) Methyl Acetate	2.715	43	93585	24.463	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	219616	19.905	ug/l	97
20) Methylene Chloride	2.806	84	72135	18.214	ug/l	95
21) trans-1,2-Dichloroethene	3.111	96	66321	17.877	ug/l	95
22) Diisopropyl ether	3.776	45	247695	19.659	ug/l	88
23) Vinyl Acetate	3.733	43	993278	98.290	ug/l	99
24) 1,1-Dichloroethane	3.629	63	129788	18.525	ug/l	99
25) 2-Butanone	4.568	43	219899	104.906	ug/l	99
26) 2,2-Dichloropropane	4.495	77	101714	18.754	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	80870	18.408	ug/l	99
28) Bromochloromethane	4.916	49	54901	17.033	ug/l	100
29) Tetrahydrofuran	5.019	42	137625	101.759	ug/l	98
30) Chloroform	5.111	83	135881	19.053	ug/l	99
31) Cyclohexane	5.483	56	118636	17.660	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	117835	19.022	ug/l	99
36) 1,1-Dichloropropene	5.708	75	91367	17.822	ug/l	99
37) Ethyl Acetate	4.727	43	103309	21.869	ug/l	95
38) Carbon Tetrachloride	5.690	117	100617	18.388	ug/l	94
39) Methylcyclohexane	7.385	83	115420	18.032	ug/l	96
40) Benzene	6.050	78	278785	18.790	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47769	19.340	ug/l	93
42) 1,2-Dichloroethane	6.098	62	101851	19.488	ug/l	98
43) Isopropyl Acetate	6.348	43	152673	20.731	ug/l	99
44) Trichloroethene	7.135	130	69456	18.256	ug/l	94
45) 1,2-Dichloropropane	7.434	63	70316	18.923	ug/l	98
46) Dibromomethane	7.586	93	52410	20.113	ug/l	97
47) Bromodichloromethane	7.824	83	107133	19.315	ug/l	96
48) Methyl methacrylate	7.696	41	79909	19.918	ug/l	98
49) 1,4-Dioxane	7.726	88	21242	465.517	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	472721	107.991	ug/l	99
52) Toluene	8.720	92	176326	19.328	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	100028	19.098	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	109720	19.140	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67703	19.789	ug/l	99
56) Ethyl methacrylate	9.116	69	103471	20.429	ug/l	97
57) 1,3-Dichloropropane	9.311	76	115675	19.454	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	261119	92.646	ug/l	99
59) 2-Hexanone	9.433	43	326046	112.738	ug/l	100
60) Dibromochloromethane	9.519	129	78465	19.555	ug/l	99
61) 1,2-Dibromoethane	9.610	107	69008	19.290	ug/l	99
64) Tetrachloroethene	9.275	164	55375	17.659	ug/l	95
65) Chlorobenzene	10.079	112	193231	18.962	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	65575	19.113	ug/l	99
67) Ethyl Benzene	10.195	91	338194	18.981	ug/l	99
68) m/p-Xylenes	10.299	106	253049	37.952	ug/l	100
69) o-Xylene	10.640	106	122575	19.324	ug/l	100
70) Styrene	10.653	104	211561	19.451	ug/l	100
71) Bromoform	10.799	173	50988	19.564	ug/l #	100
73) Isopropylbenzene	10.963	105	331180	19.376	ug/l	99
74) N-amyl acetate	10.842	43	136187	19.748	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	101056	20.699	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78792m	19.649	ug/l	
77) Bromobenzene	11.195	156	77694	18.952	ug/l	100
78) n-propylbenzene	11.305	91	392058	19.195	ug/l	99
79) 2-Chlorotoluene	11.360	91	232975	19.082	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	275153	19.486	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18750	12.047	ug/l	94
82) 4-Chlorotoluene	11.451	91	276735	19.419	ug/l	100
83) tert-Butylbenzene	11.713	119	273034	19.265	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	276215	19.612	ug/l	100
85) sec-Butylbenzene	11.890	105	349822	19.755	ug/l	100
86) p-Isopropyltoluene	12.006	119	293724	20.002	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150846	19.365	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	152318	19.301	ug/l	97
89) n-Butylbenzene	12.329	91	276500	20.078	ug/l	98
90) Hexachloroethane	12.536	117	49743	18.935	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	144823	19.453	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20383	21.750	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	96645	19.648	ug/l	99
94) Hexachlorobutadiene	13.725	225	36668	21.920	ug/l	95
95) Naphthalene	13.774	128	302636	20.988	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	93126	19.652	ug/l	97

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MSVOA_X
ClientSampleId :
VX0731WBS02

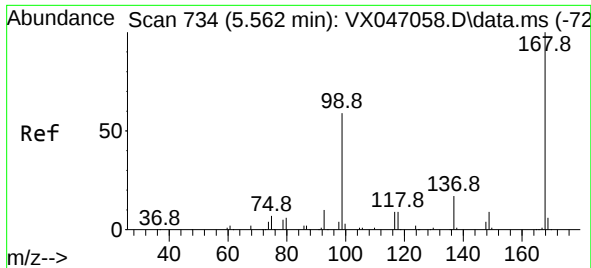
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/01/2025

Quant Time: Aug 01 01:50:30 2025
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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

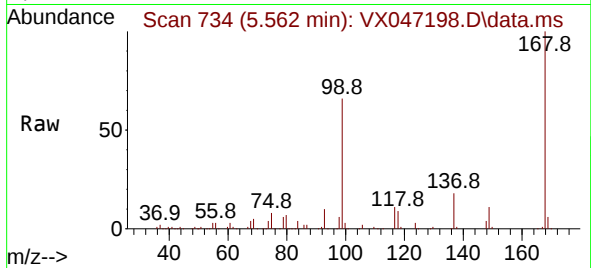
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

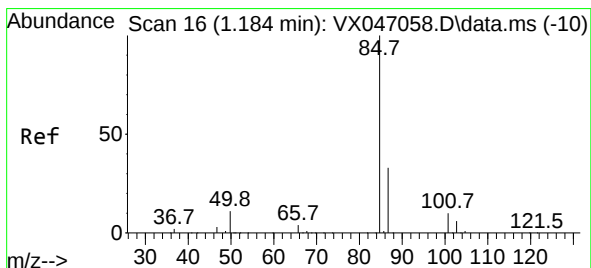
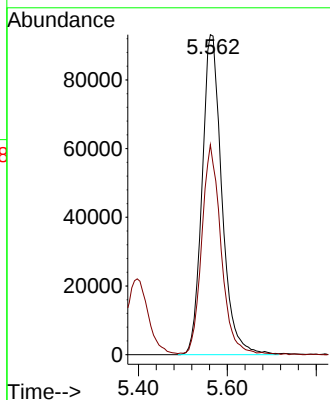
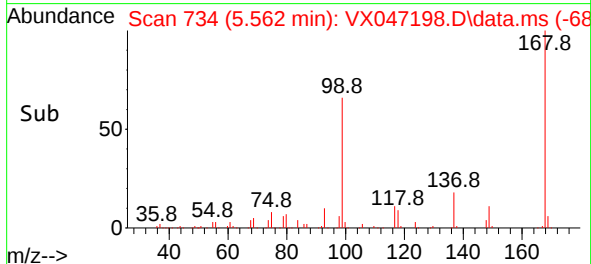
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion:168 Resp: 288479
Ion Ratio Lower Upper
168 100
99 65.3 48.0 72.0

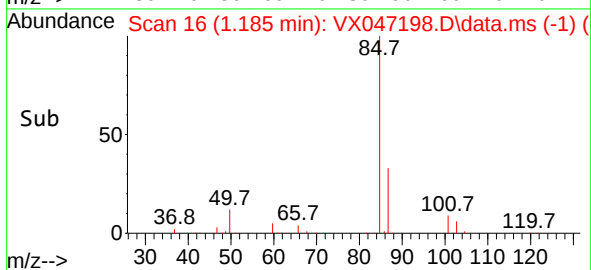
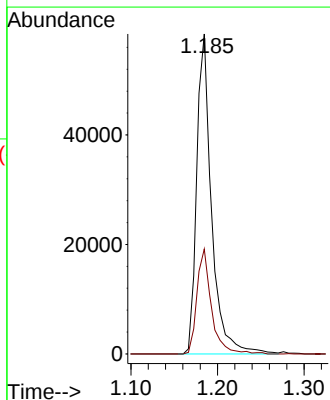
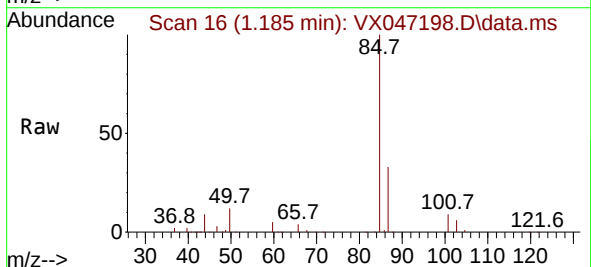
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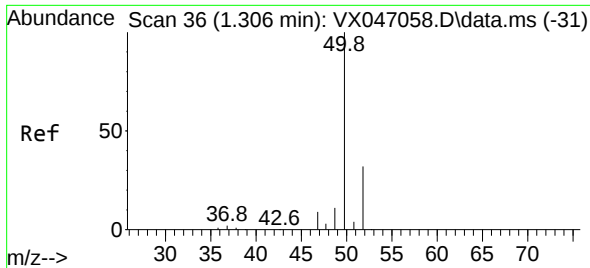
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#2
Dichlorodifluoromethane
Concen: 18.129 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Tgt Ion: 85 Resp: 69466
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.8





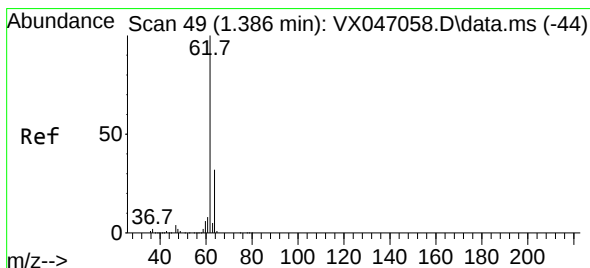
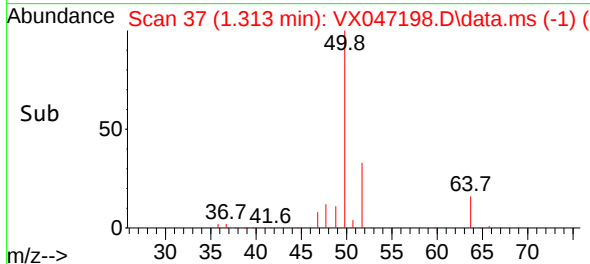
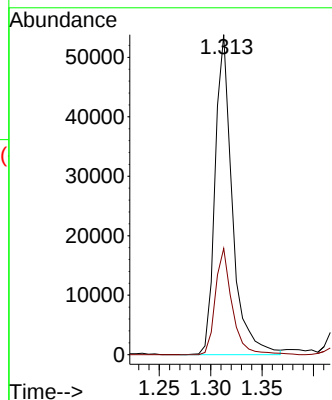
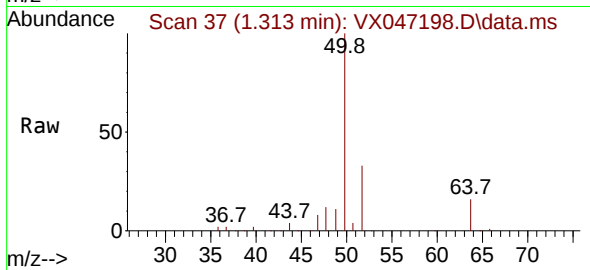
#3
Chloromethane
Concen: 16.512 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion: 50 Resp: 6258
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

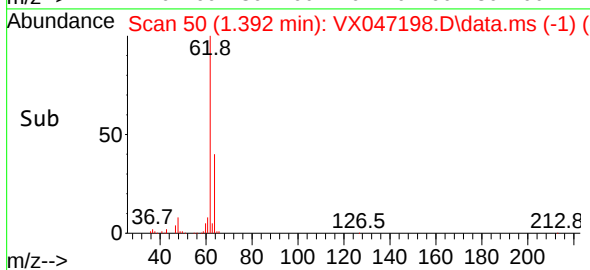
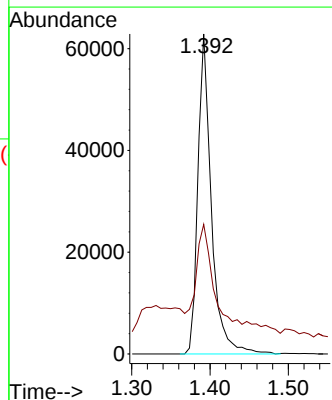
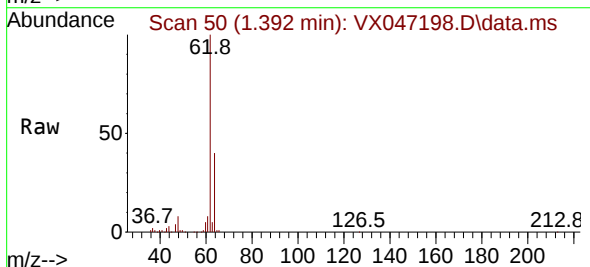
Manual Integrations
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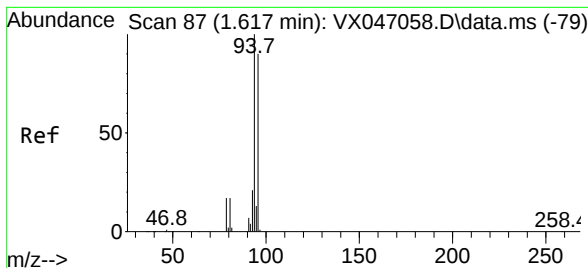
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#4
Vinyl Chloride
Concen: 18.503 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

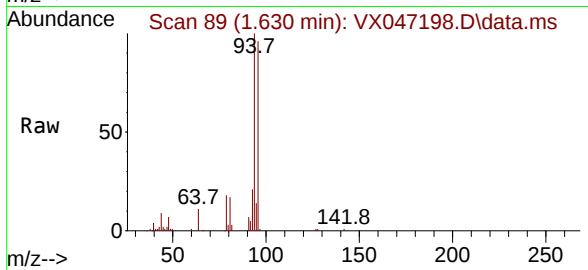
Tgt Ion: 62 Resp: 75387
Ion Ratio Lower Upper
62 100
64 34.0 25.2 37.8





#5
Bromomethane
Concen: 15.573 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

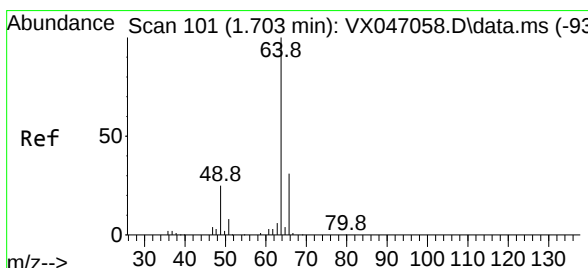
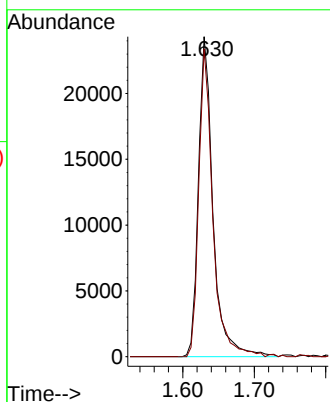
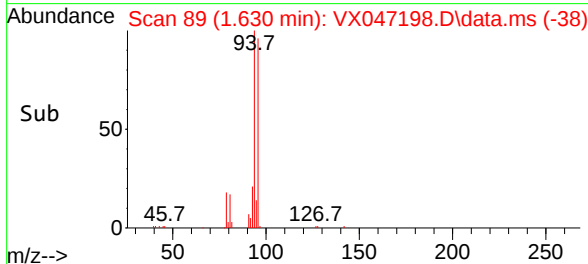
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 3446
Ion Ratio Lower Upper
94 100
96 96.2 72.3 108.5

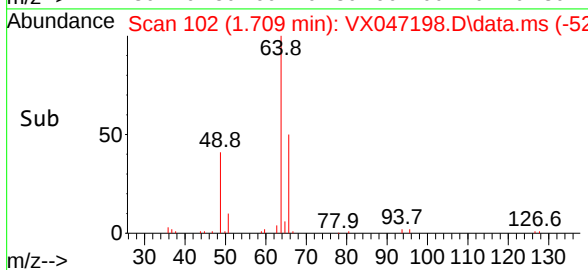
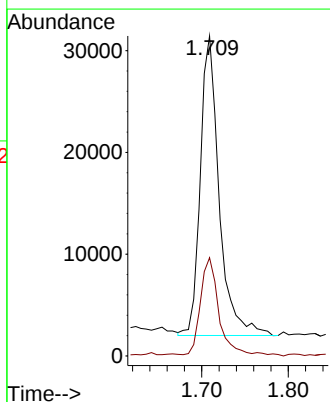
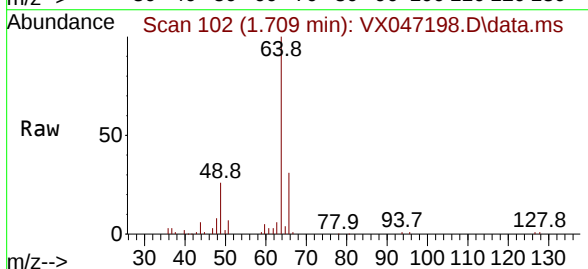
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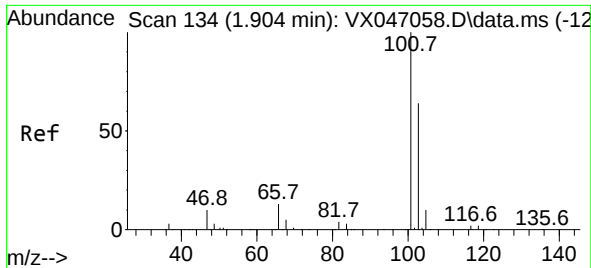
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#6
Chloroethane
Concen: 16.624 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

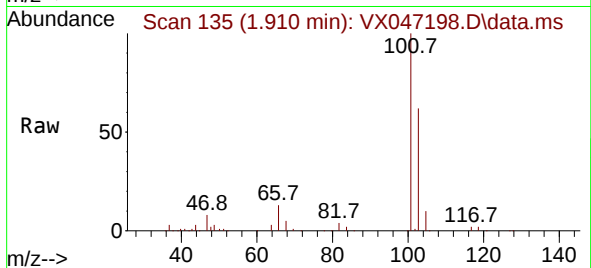
Tgt Ion: 64 Resp: 44487
Ion Ratio Lower Upper
64 100
66 32.3 25.0 37.6





#7
Trichlorofluoromethane
Concen: 18.294 ug/l
RT: 1.910 min Scan# 11114
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

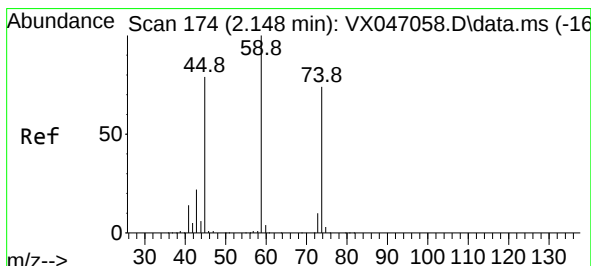
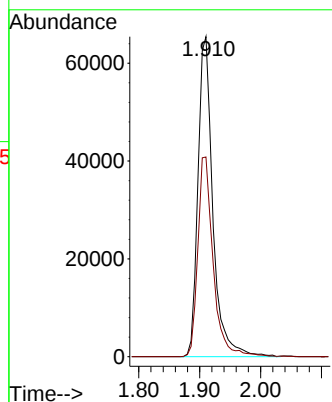
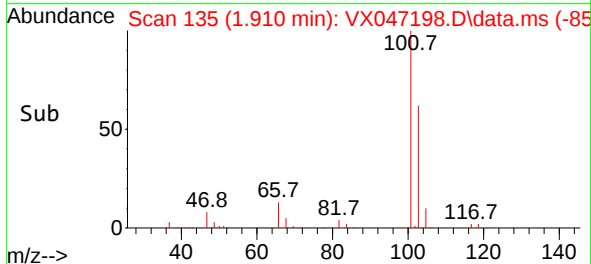
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion:101 Resp: 11114
Ion Ratio Lower Upper
101 100
103 62.4 50.9 76.3

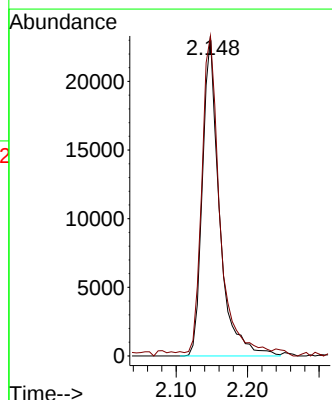
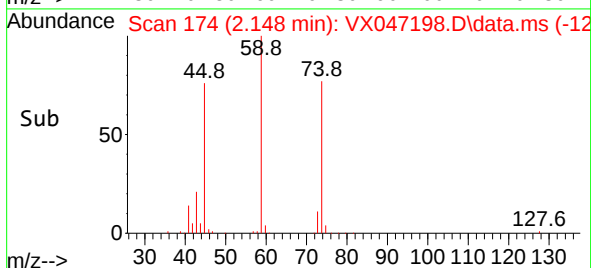
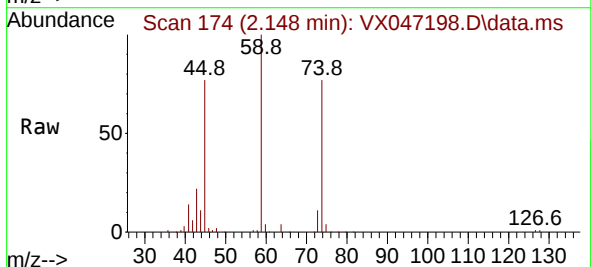
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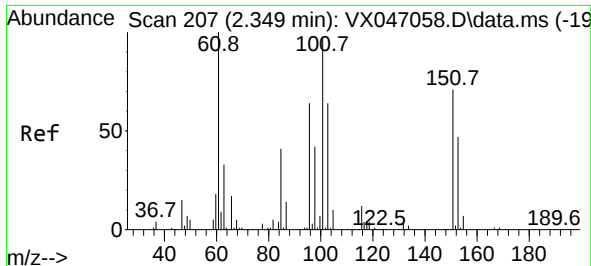
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#8
Diethyl Ether
Concen: 17.865 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

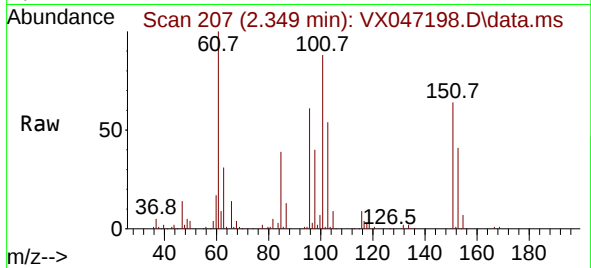
Tgt Ion: 74 Resp: 38269
Ion Ratio Lower Upper
74 100
45 103.1 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.530 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

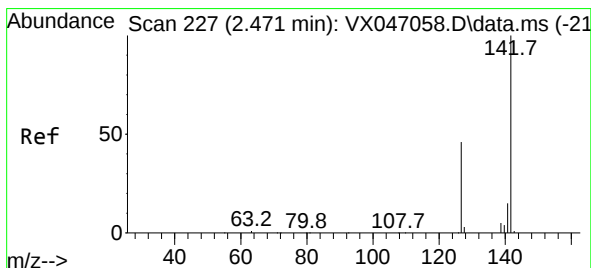
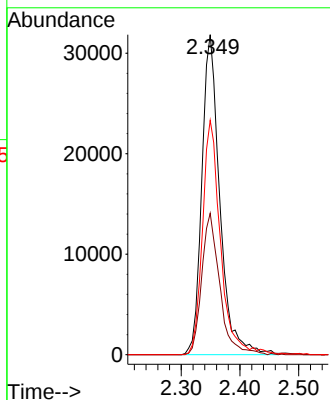
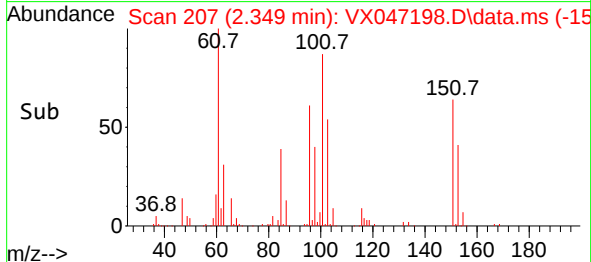
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion:101 Resp: 67820
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 73.5 59.2 88.8

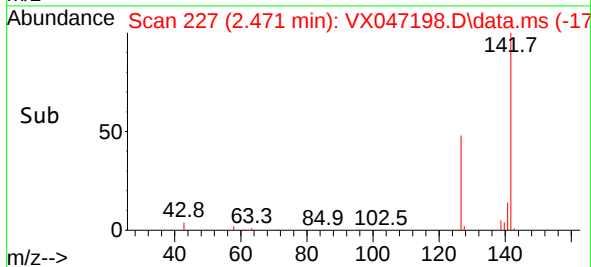
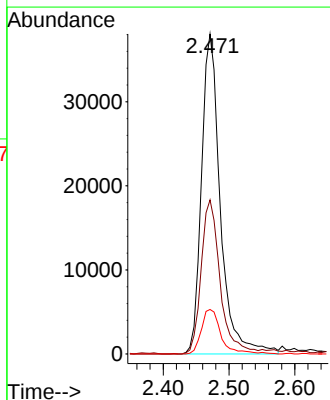
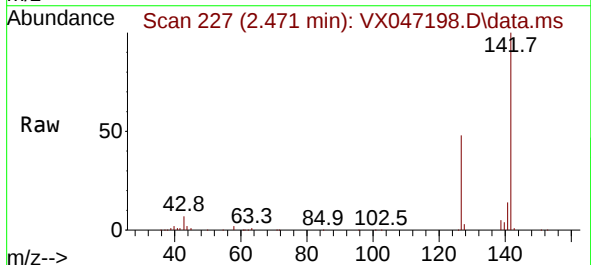
Manual Integrations
APPROVED

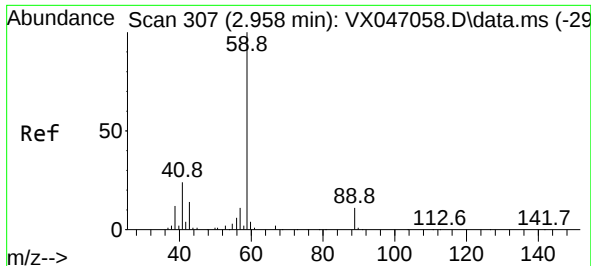
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#10
Methyl Iodide
Concen: 20.368 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

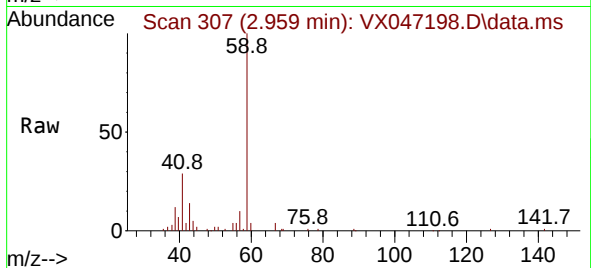
Tgt Ion:142 Resp: 75983
Ion Ratio Lower Upper
142 100
127 48.4 36.6 54.8
141 14.5 10.9 16.3





#11
Tert butyl alcohol
Concen: 101.403 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

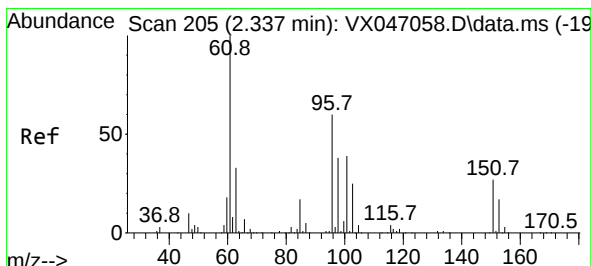
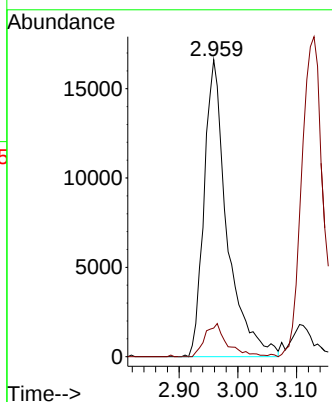
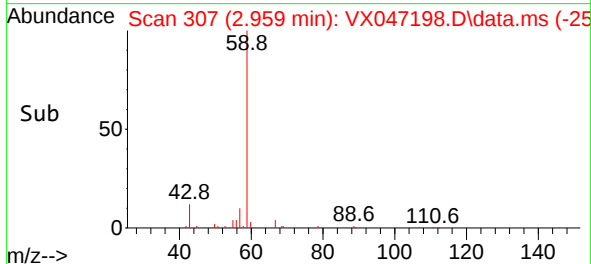
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



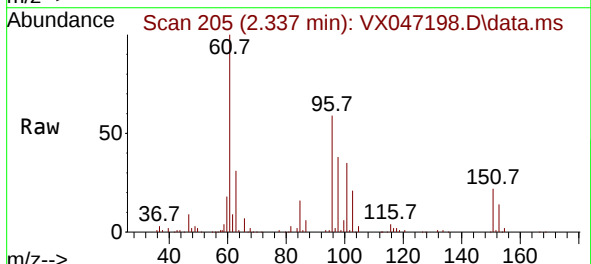
Tgt Ion: 59 Resp: 45160
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

Manual Integrations
APPROVED

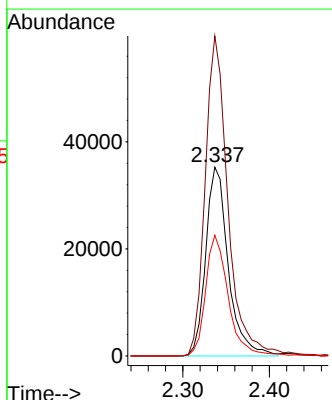
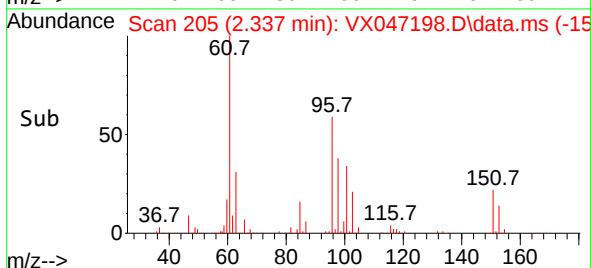
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

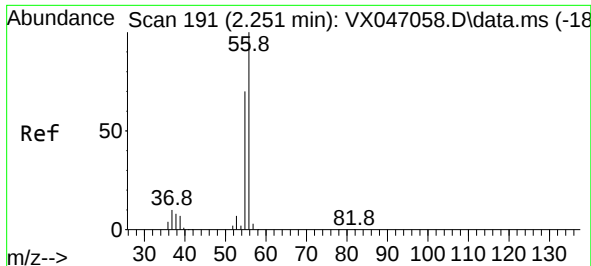


#12
1,1-Dichloroethene
Concen: 17.659 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



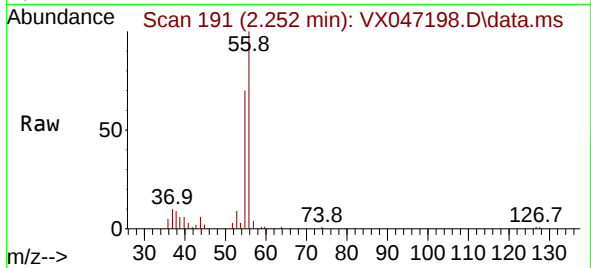
Tgt Ion: 96 Resp: 64019
Ion Ratio Lower Upper
96 100
61 169.4 132.6 198.8
98 63.9 50.2 75.4





#13
Acrolein
Concen: 49.708 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

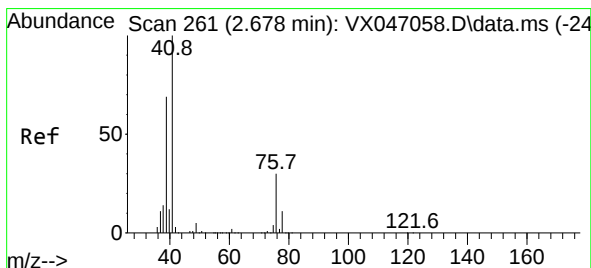
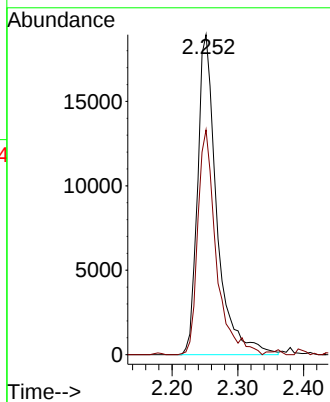
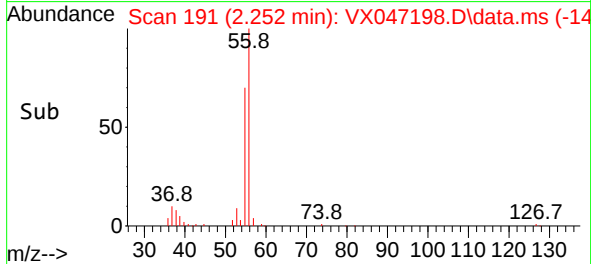
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 56 Resp: 38462
Ion Ratio Lower Upper
56 100
55 67.1 55.7 83.5

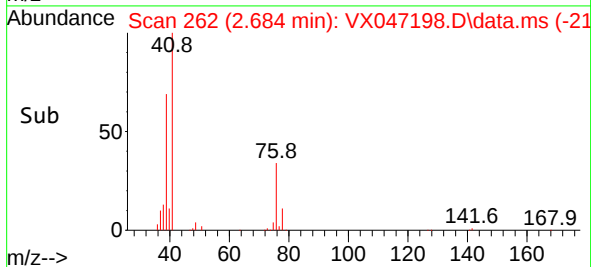
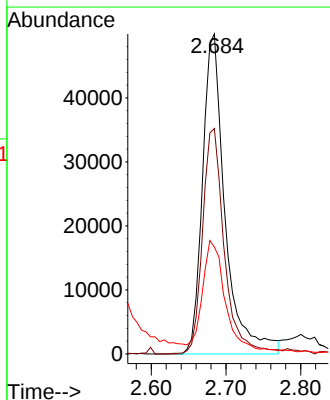
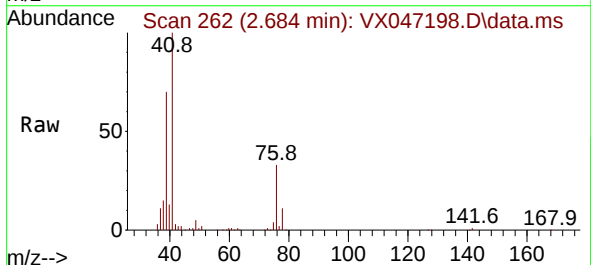
Manual Integrations
APPROVED

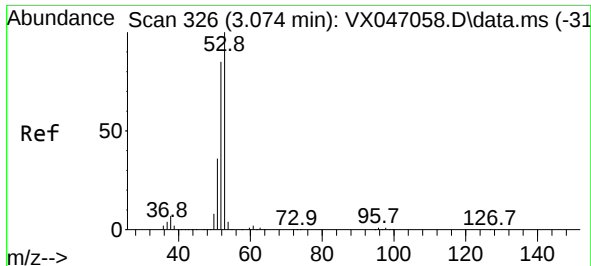
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#14
Allyl chloride
Concen: 16.000 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

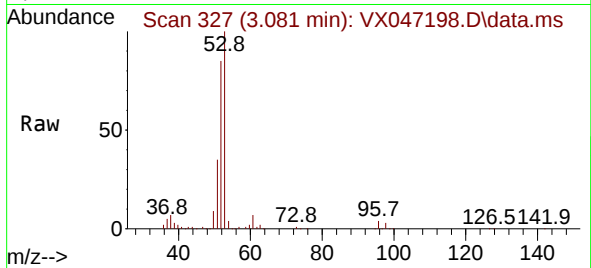
Tgt Ion: 41 Resp: 104852
Ion Ratio Lower Upper
41 100
39 68.2 52.6 78.8
76 36.0 25.7 38.5





#15
Acrylonitrile
Concen: 100.685 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

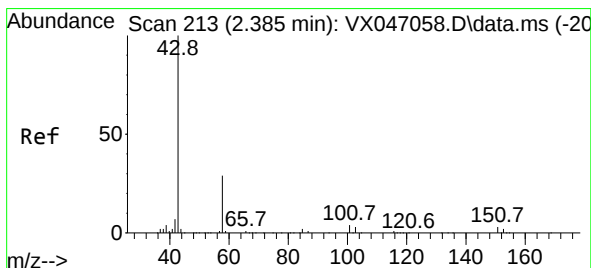
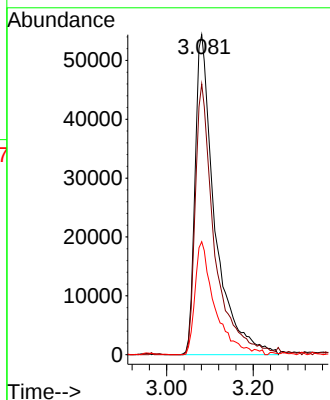
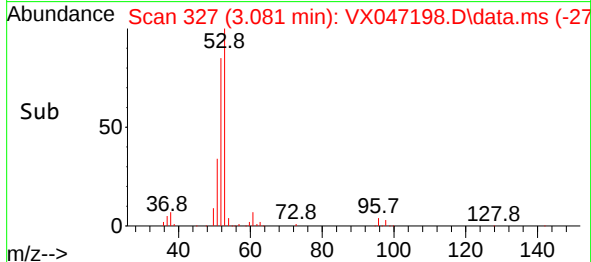
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 53 Resp: 172560
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 35.5 28.8 43.2

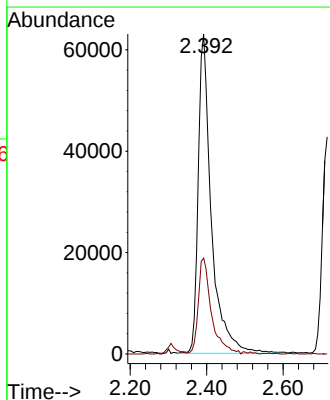
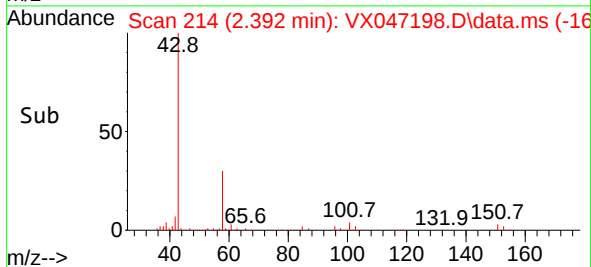
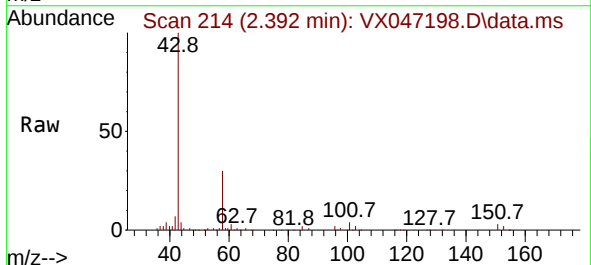
Manual Integrations
APPROVED

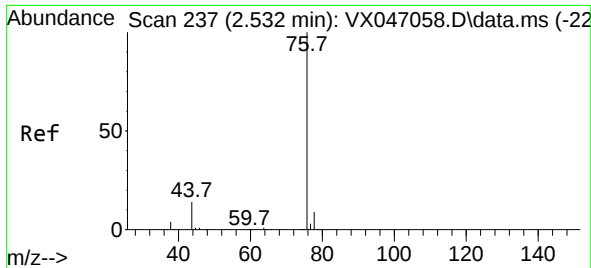
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#16
Acetone
Concen: 104.300 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

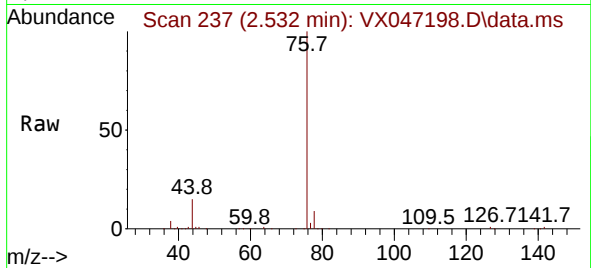
Tgt Ion: 43 Resp: 150148
Ion Ratio Lower Upper
43 100
58 30.3 24.0 36.0





#17
Carbon Disulfide
Concen: 16.855 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

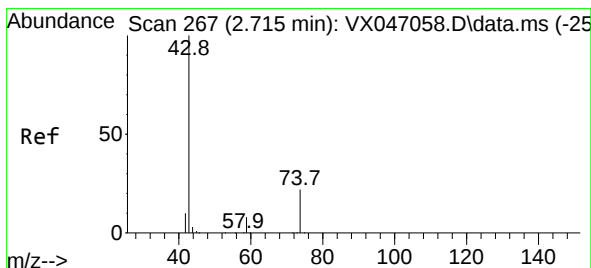
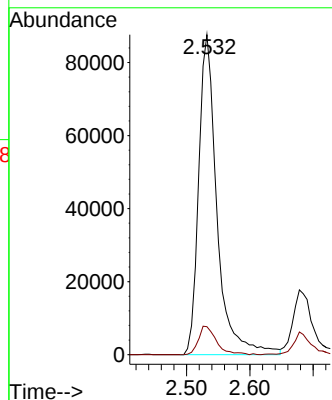
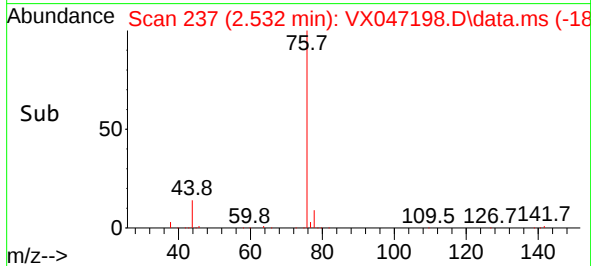
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 76 Resp: 176779
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

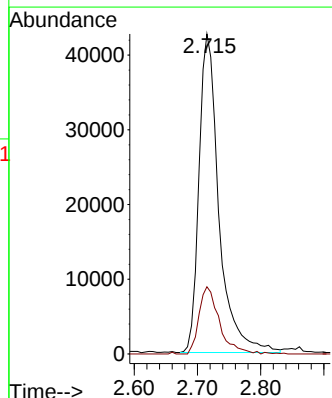
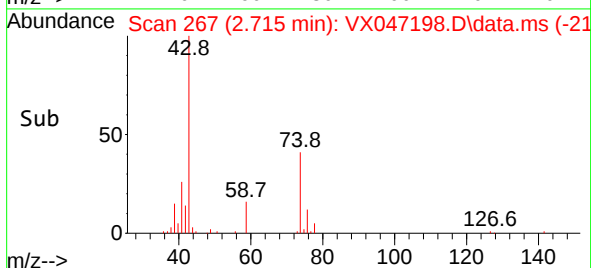
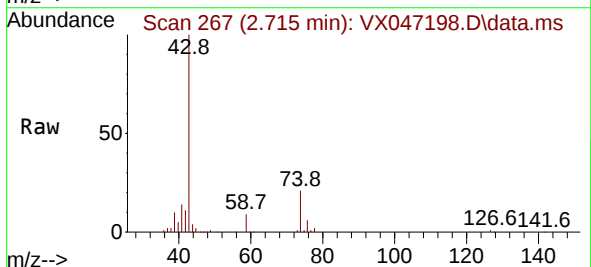
Manual Integrations
APPROVED

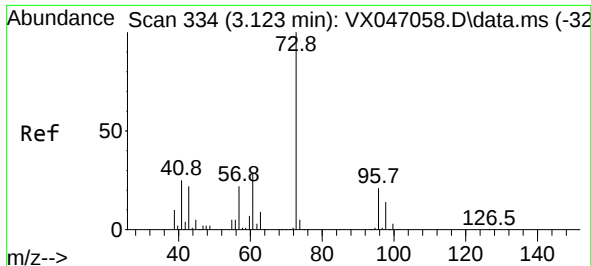
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#18
Methyl Acetate
Concen: 24.463 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Tgt Ion: 43 Resp: 93585
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





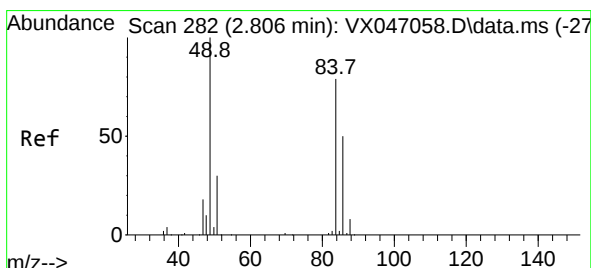
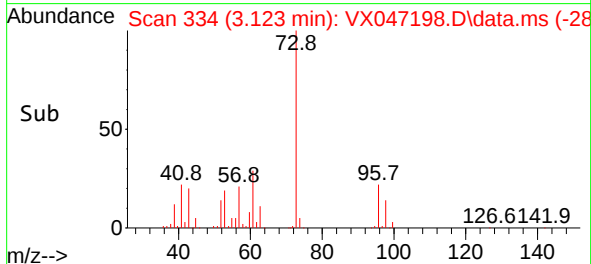
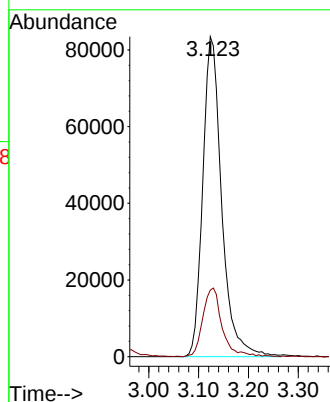
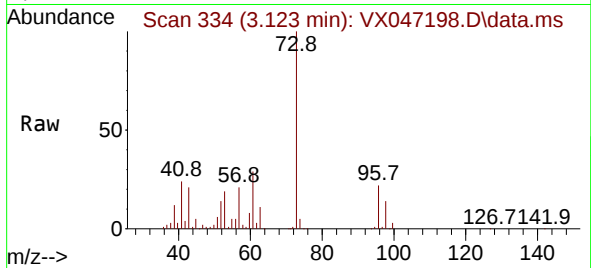
#19
Methyl tert-butyl Ether
Concen: 19.905 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion: 73 Resp: 219610
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

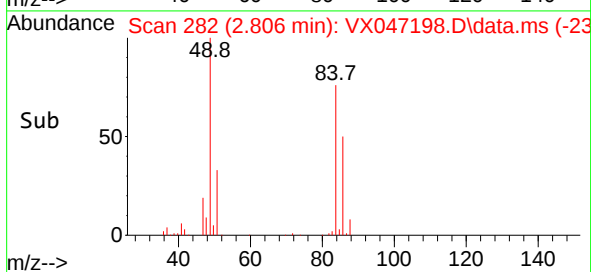
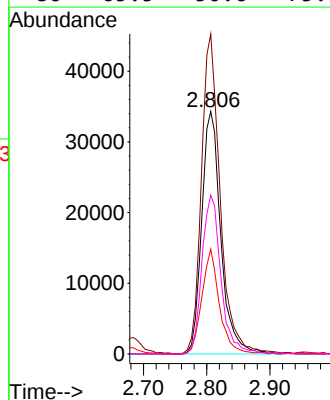
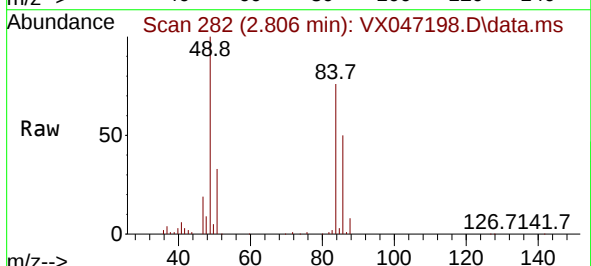
Manual Integrations
APPROVED

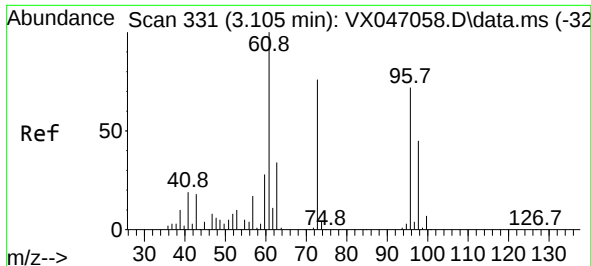
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#20
Methylene Chloride
Concen: 18.214 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

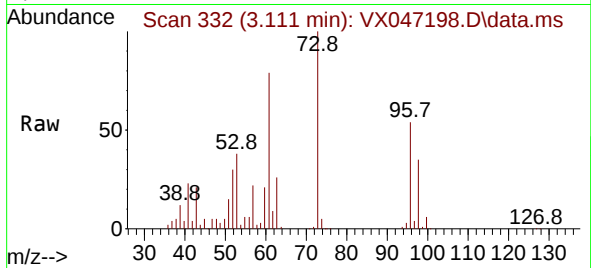
Tgt Ion: 84 Resp: 72135
Ion Ratio Lower Upper
84 100
49 132.0 101.6 152.4
51 43.2 30.3 45.5
86 65.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 17.877 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

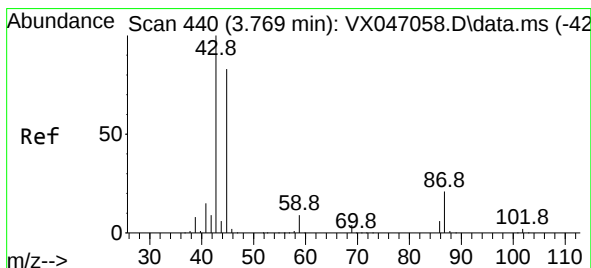
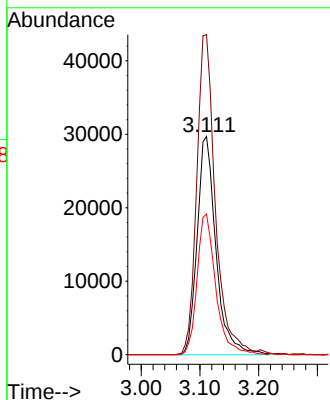
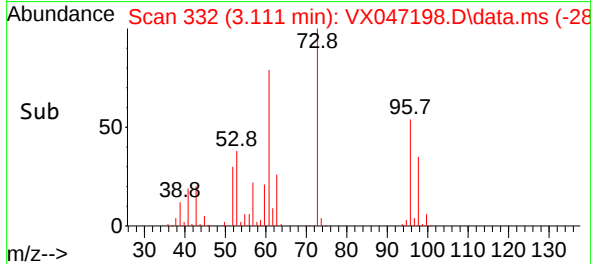
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



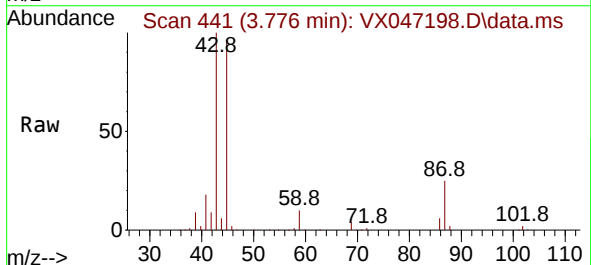
Tgt Ion: 96 Resp: 6632
Ion Ratio Lower Upper
96 100
61 146.3 111.1 166.7
98 64.5 49.6 74.4

Manual Integrations
APPROVED

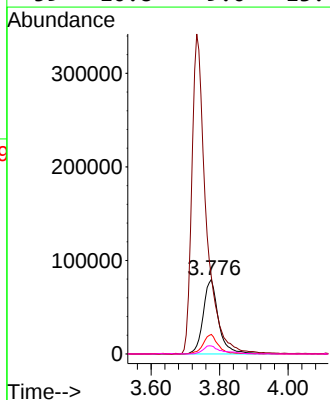
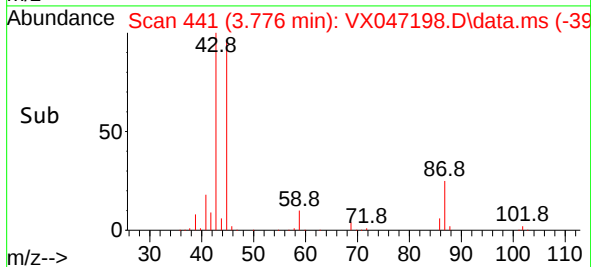
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

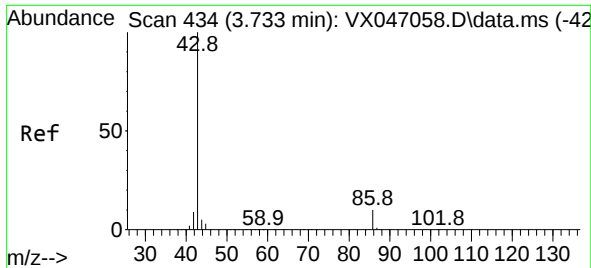


#22
Diisopropyl ether
Concen: 19.659 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



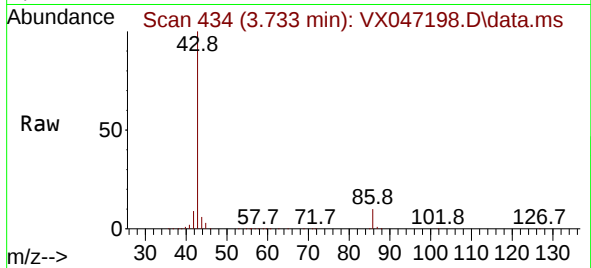
Tgt Ion: 45 Resp: 247695
Ion Ratio Lower Upper
45 100
43 103.6 96.8 145.2
87 26.2 20.5 30.7
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 98.290 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047198.D
 Acq: 31 Jul 2025 13:00

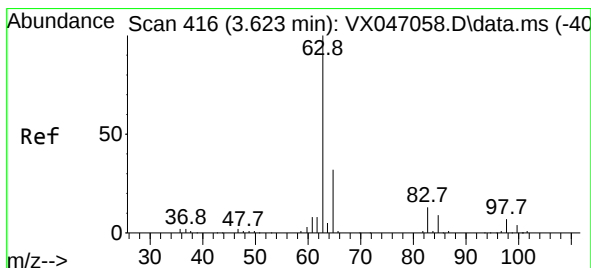
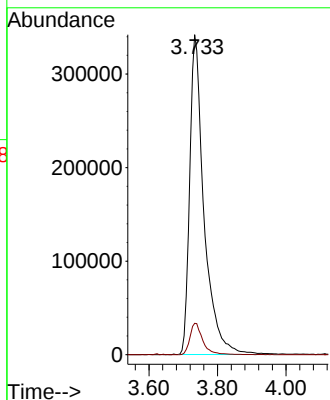
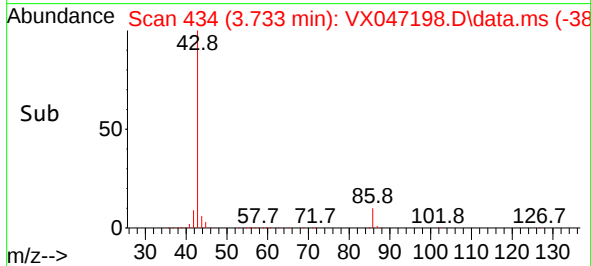
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02



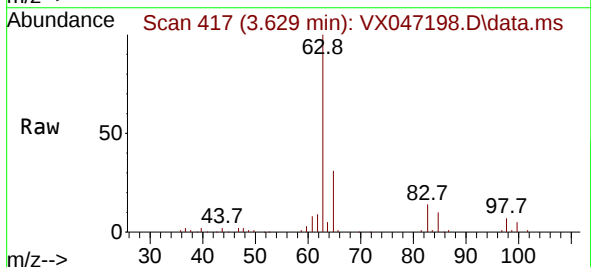
Tgt Ion: 43 Resp: 993278
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
 APPROVED

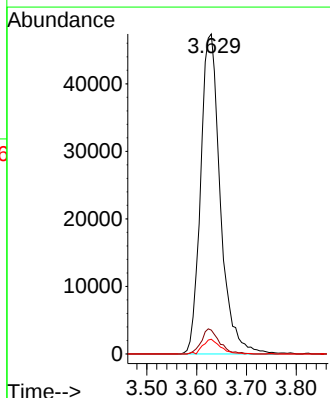
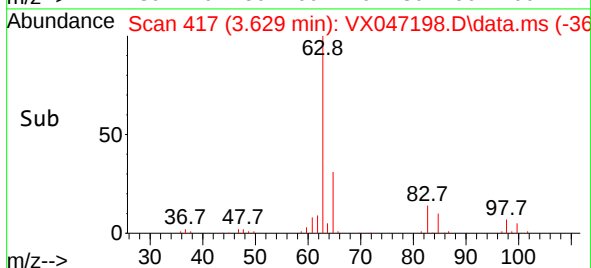
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025

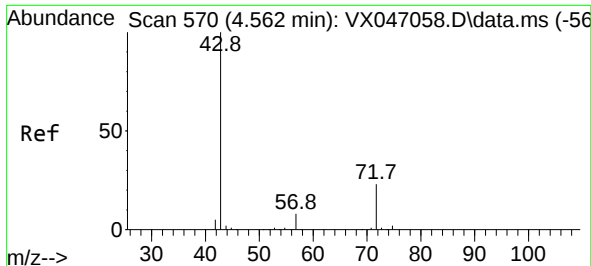


#24
 1,1-Dichloroethane
 Concen: 18.525 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047198.D
 Acq: 31 Jul 2025 13:00



Tgt Ion: 63 Resp: 129788
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.6 2.3 6.8





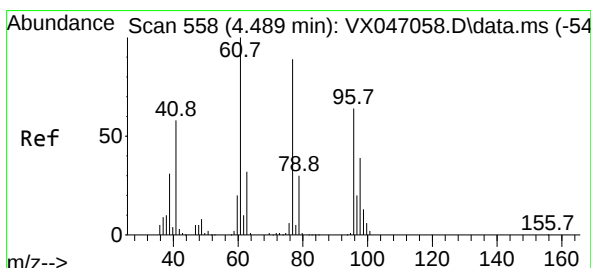
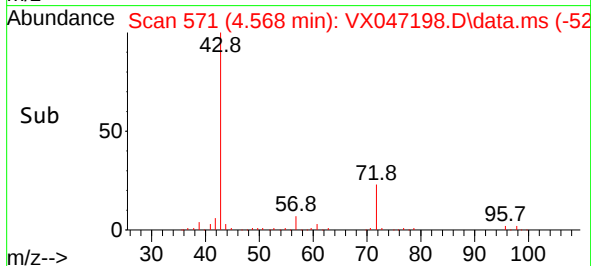
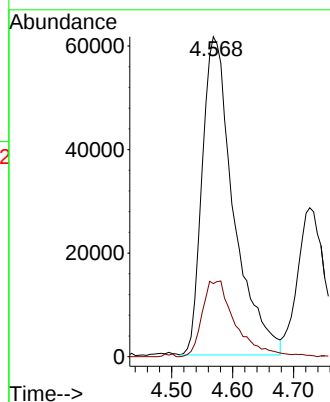
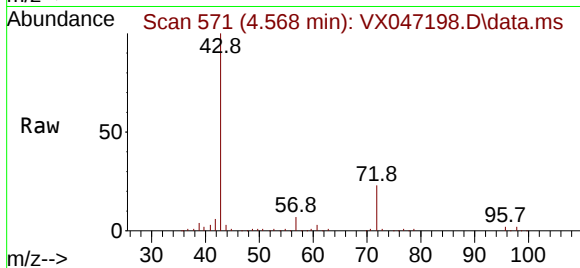
#25
2-Butanone
Concen: 104.906 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion: 43 Resp: 21989
Ion Ratio Lower Upper
43 100
72 23.2 18.8 28.2

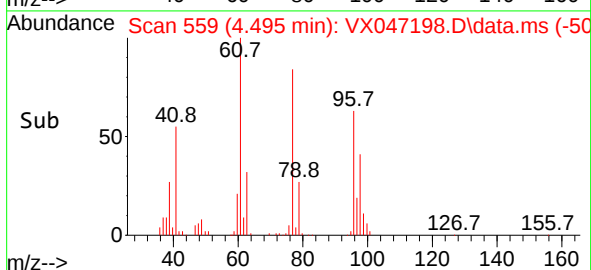
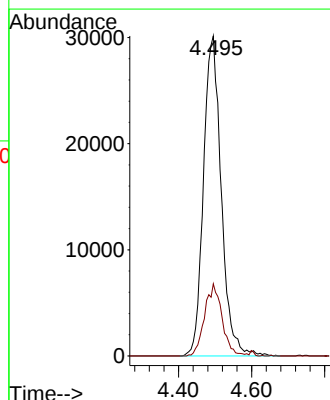
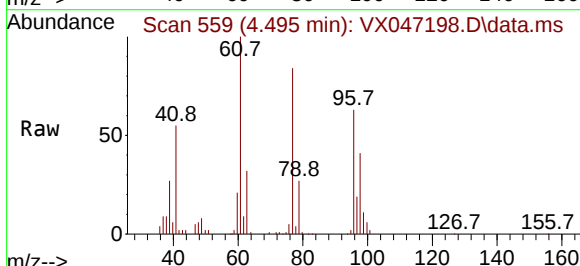
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#26
2,2-Dichloropropane
Concen: 18.754 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

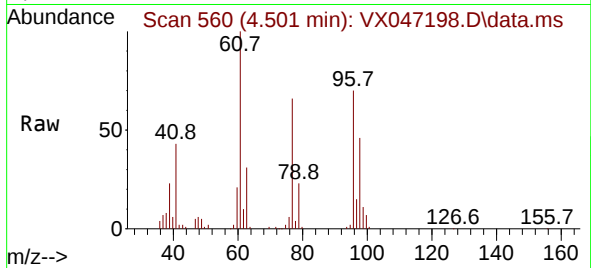
Tgt Ion: 77 Resp: 101714
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 18.408 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

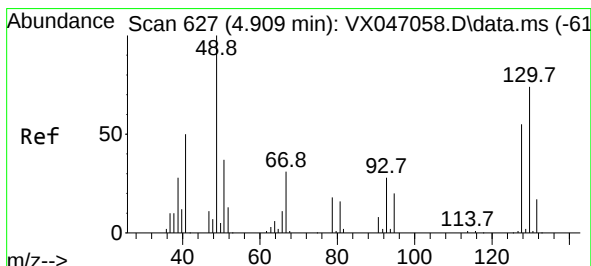
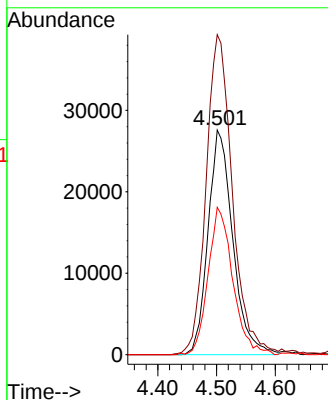
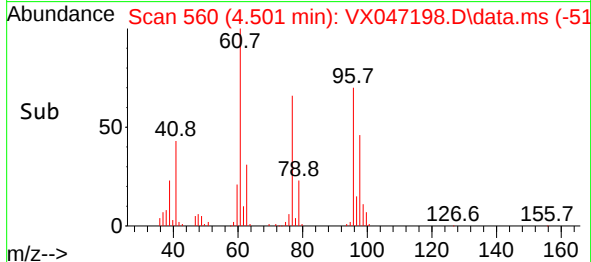
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 96 Resp: 80870
Ion Ratio Lower Upper
96 100
61 150.7 0.0 298.6
98 65.4 0.0 128.8

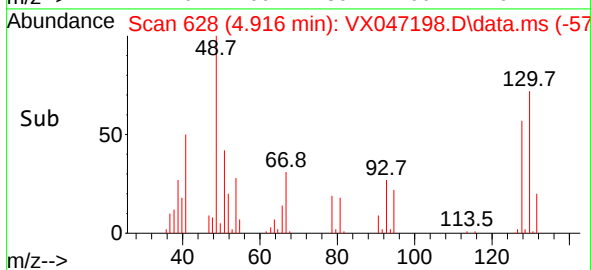
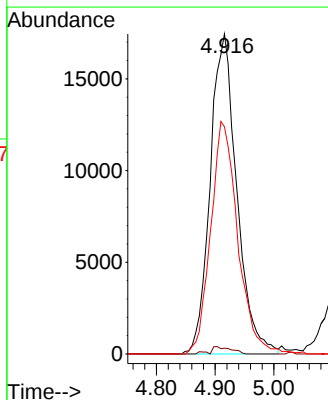
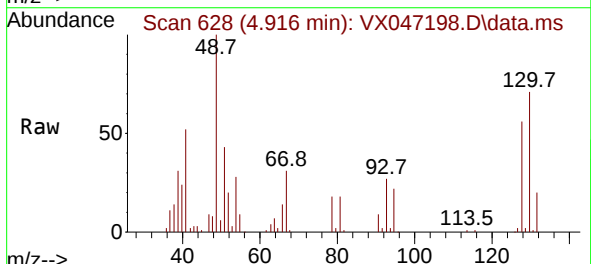
Manual Integrations
APPROVED

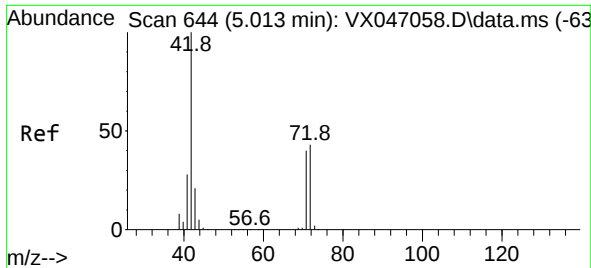
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#28
Bromochloromethane
Concen: 17.033 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Tgt Ion: 49 Resp: 54901
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 73.9 59.0 88.4





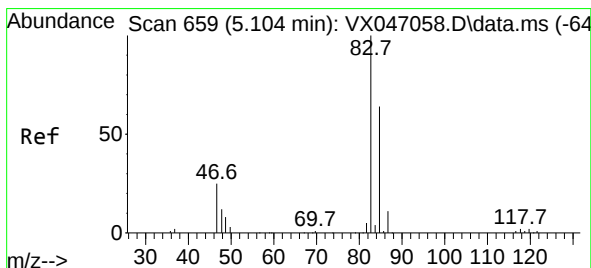
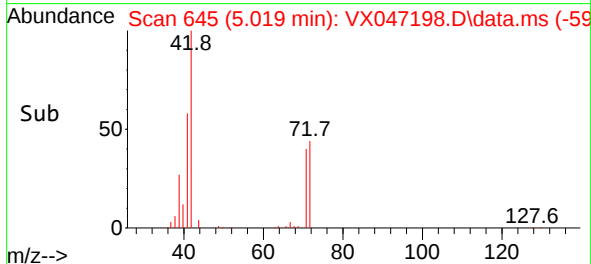
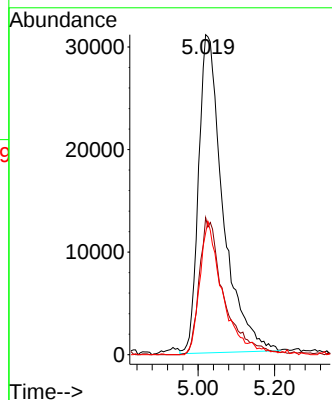
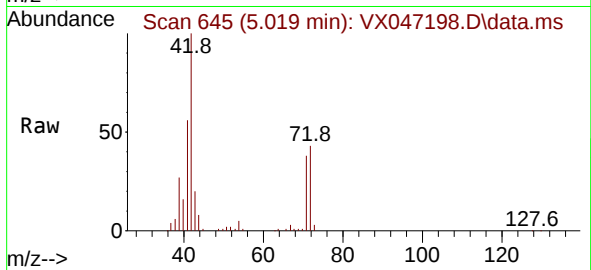
#29
Tetrahydrofuran
Concen: 101.759 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion: 42 Resp: 137625
Ion Ratio Lower Upper
42 100
72 43.1 33.7 50.5
71 37.7 31.0 46.4

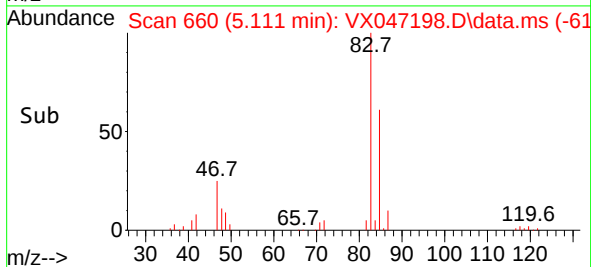
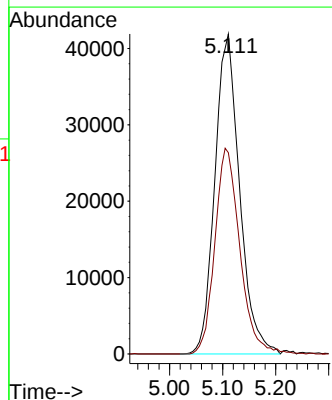
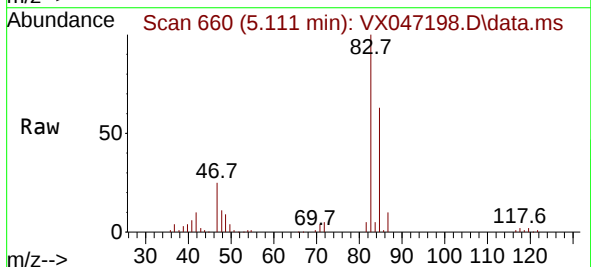
Manual Integrations
APPROVED

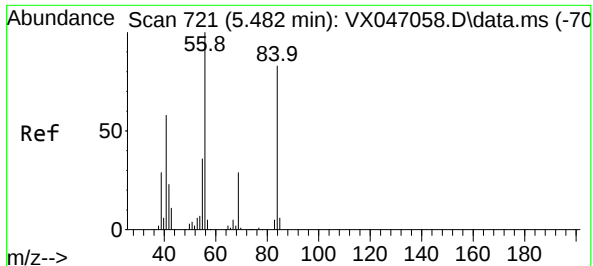
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#30
Chloroform
Concen: 19.053 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

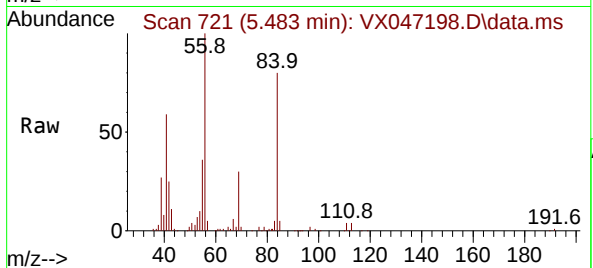
Tgt Ion: 83 Resp: 135881
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3





#31
Cyclohexane
Concen: 17.660 ug/l
RT: 5.483 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

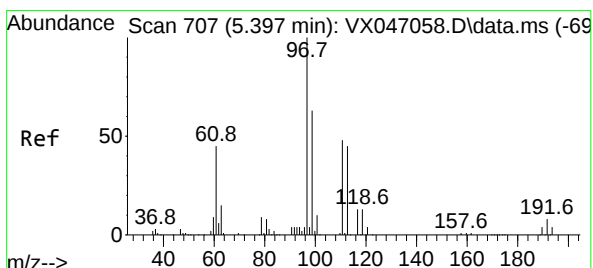
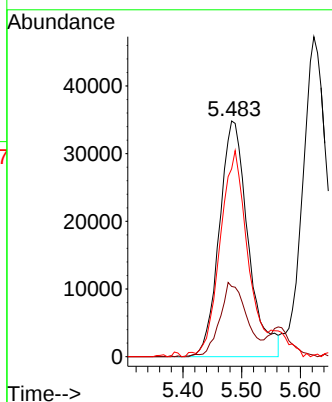
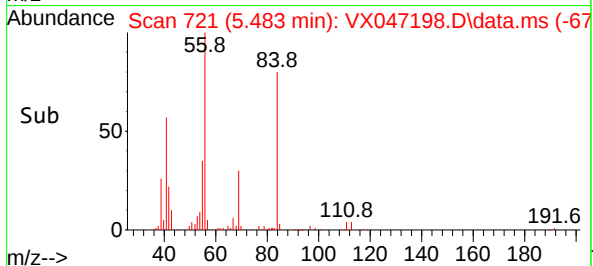
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 56 Resp: 118630
Ion Ratio Lower Upper
56 100
69 29.5 23.3 34.9
84 78.2 66.5 99.7

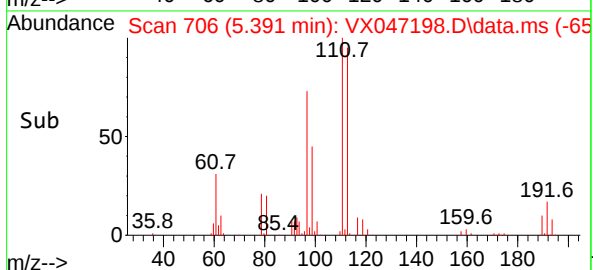
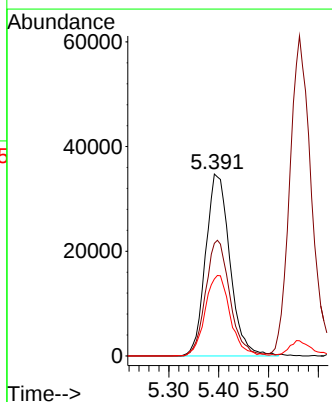
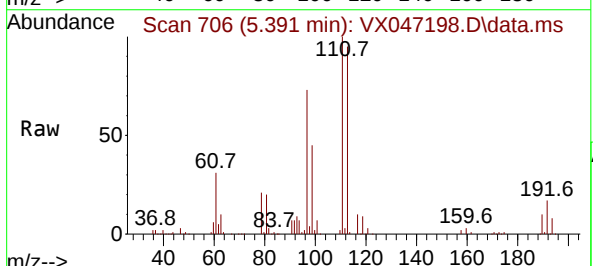
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#32
1,1,1-Trichloroethane
Concen: 19.022 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

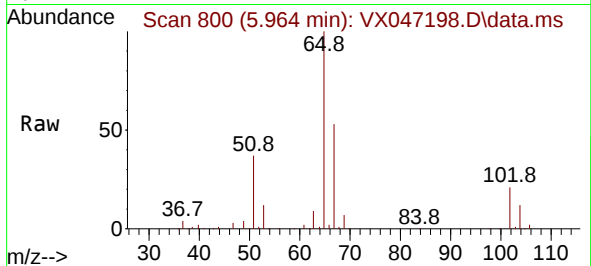
Tgt Ion: 97 Resp: 117835
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 45.7 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 49.632 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

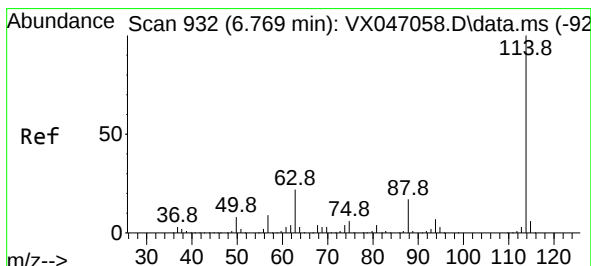
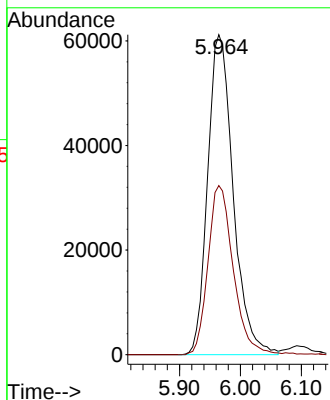
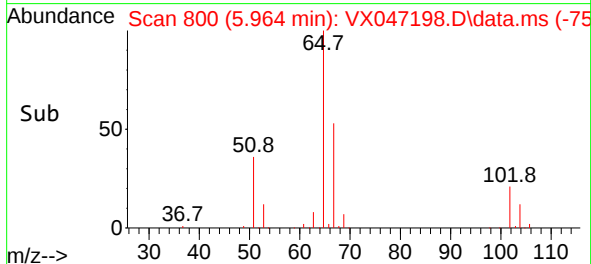
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



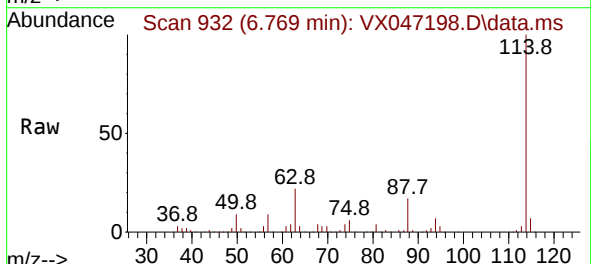
Tgt Ion: 65 Resp: 178350
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

Manual Integrations
APPROVED

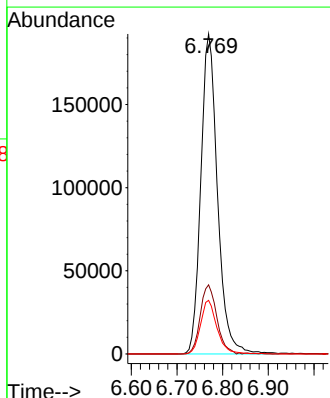
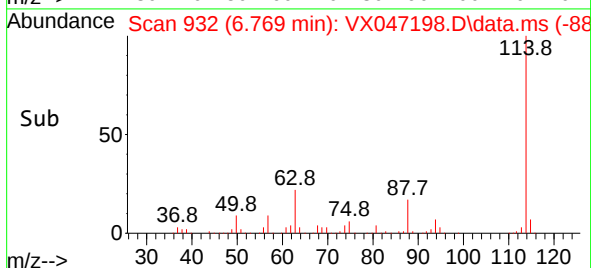
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

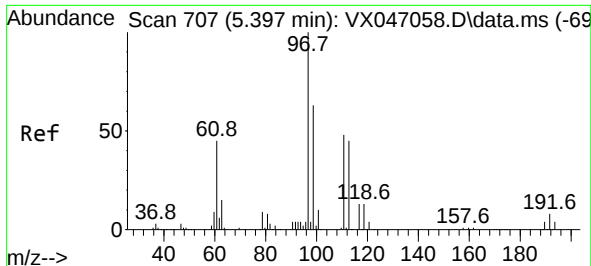


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



Tgt Ion:114 Resp: 487110
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.671 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047198.D

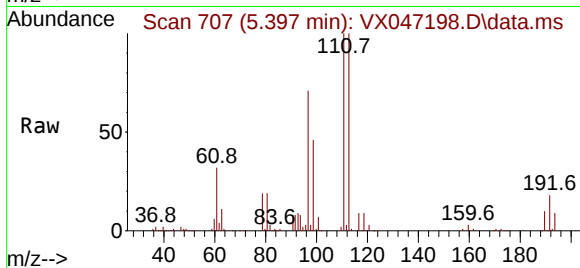
Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02



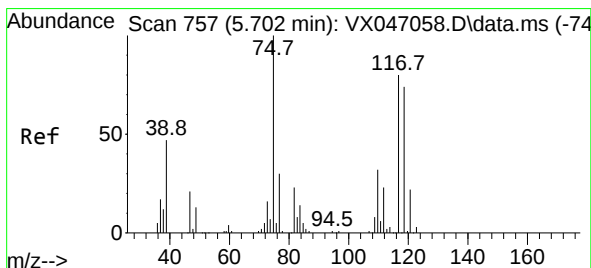
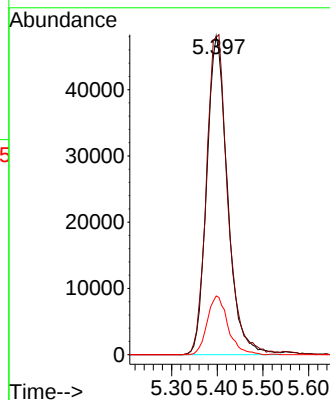
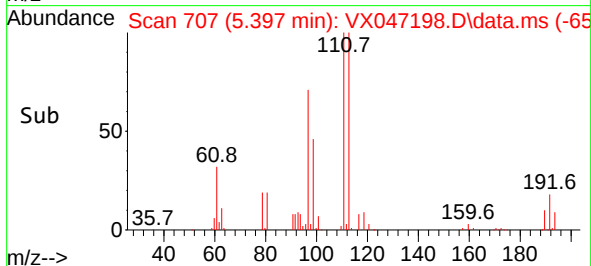
Tgt Ion:	113	Resp:	15239
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.3	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#36

1,1-Dichloropropene

Concen: 17.822 ug/l

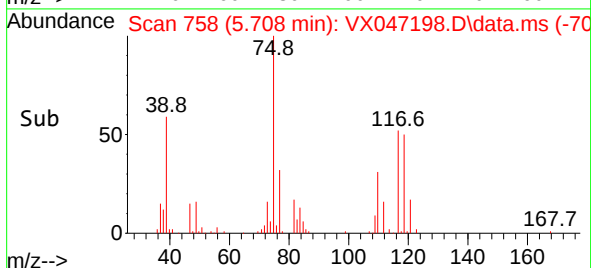
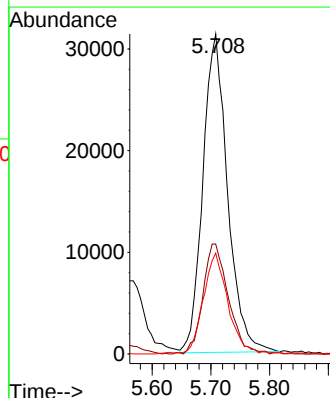
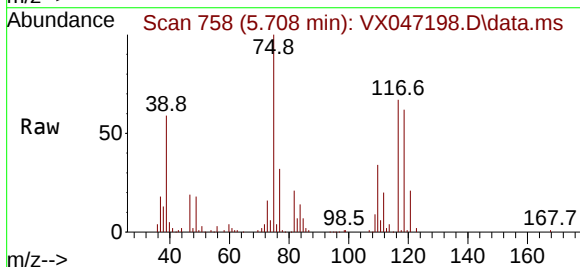
RT: 5.708 min Scan# 758

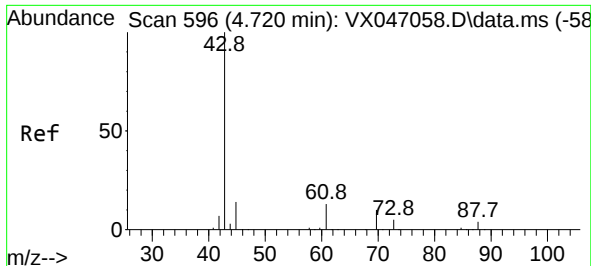
Delta R.T. 0.006 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Tgt Ion:	75	Resp:	91367
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.2	51.5
77	31.7	25.1	37.7





#37

Ethyl Acetate

Concen: 21.869 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tgt Ion: 43 Resp: 103309

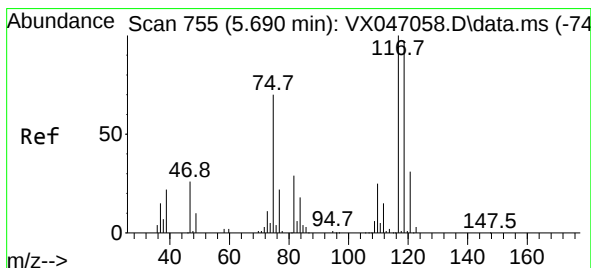
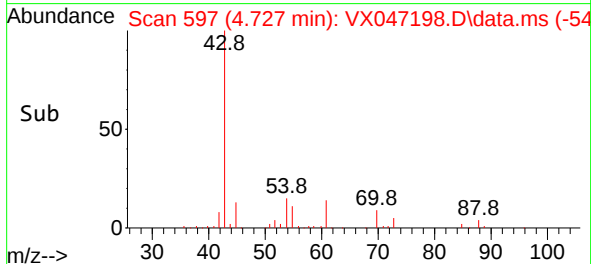
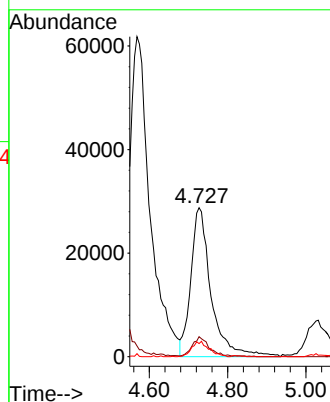
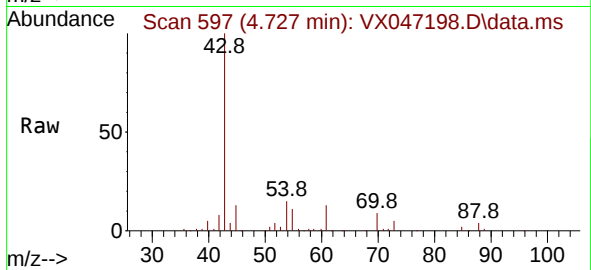
Ion	Ratio	Lower	Upper
43	100		
61	10.5	10.2	15.2
70	8.7	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#38

Carbon Tetrachloride

Concen: 18.388 ug/l

RT: 5.690 min Scan# 755

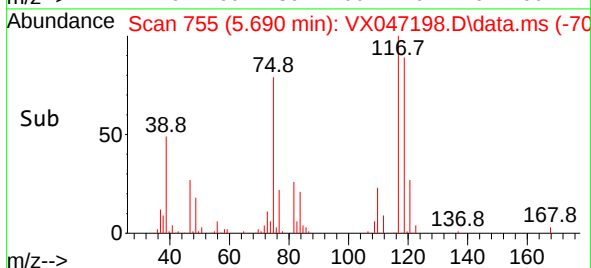
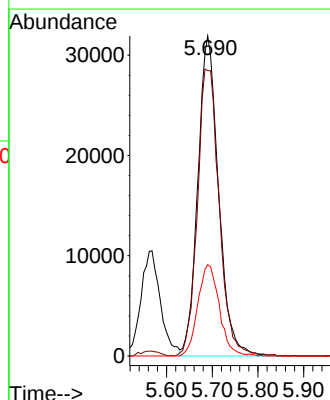
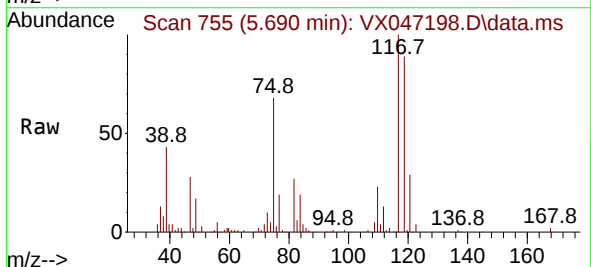
Delta R.T. 0.000 min

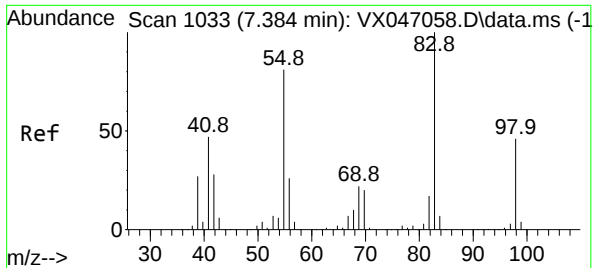
Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Tgt Ion:117 Resp: 100617

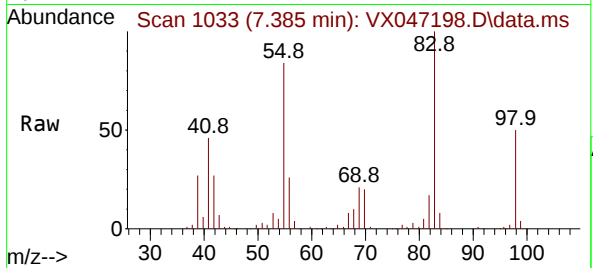
Ion	Ratio	Lower	Upper
117	100		
119	89.0	76.6	115.0
121	28.9	24.4	36.6





#39
Methylcyclohexane
Concen: 18.032 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

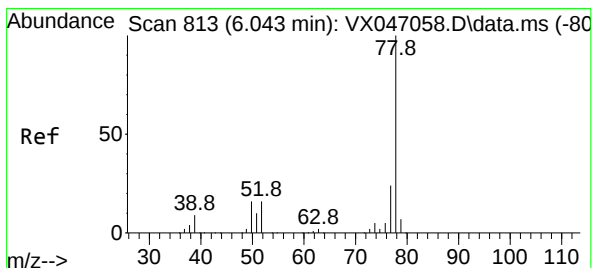
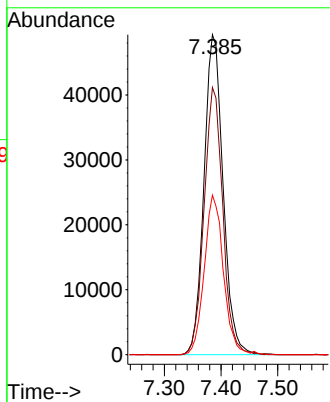
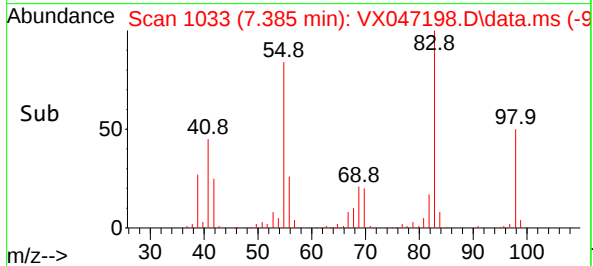
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 83 Resp: 115420
Ion Ratio Lower Upper
83 100
55 83.5 64.5 96.7
98 49.8 36.9 55.3

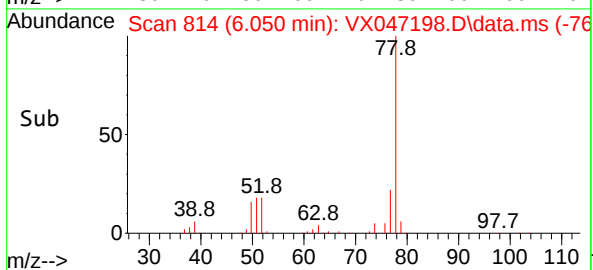
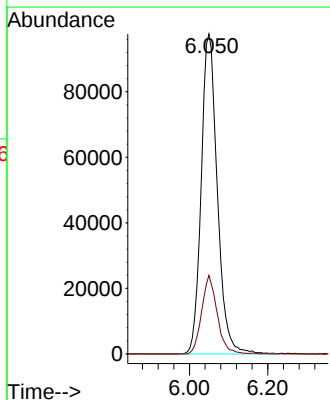
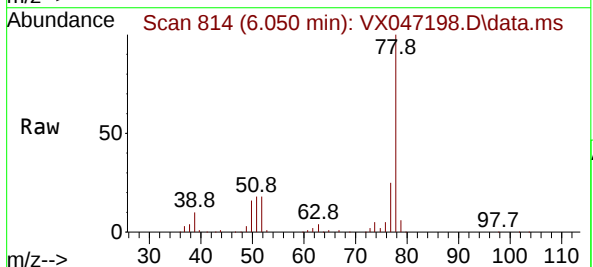
Manual Integrations
APPROVED

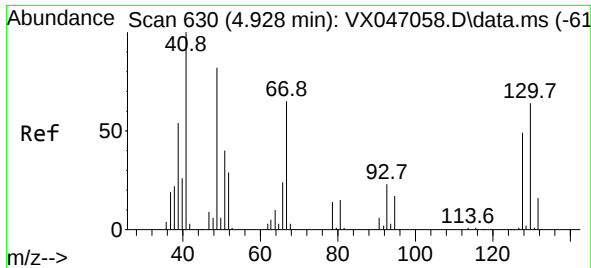
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#40
Benzene
Concen: 18.790 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

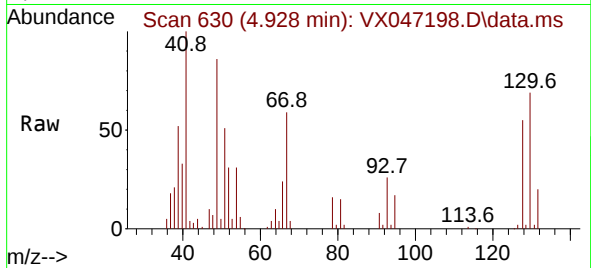
Tgt Ion: 78 Resp: 278785
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 19.340 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

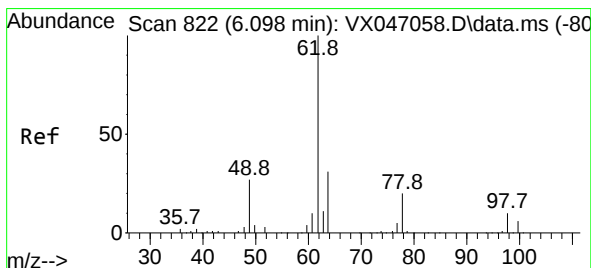
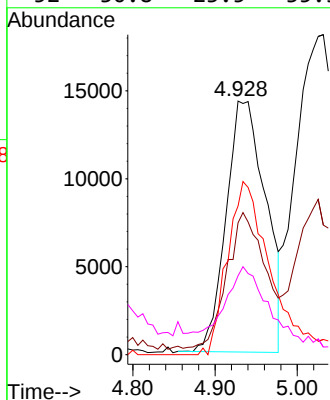
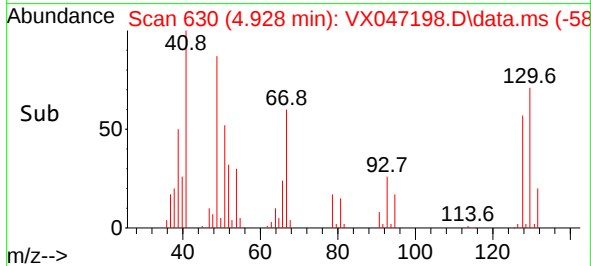
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 41 Resp: 47769
Ion Ratio Lower Upper
41 100
39 51.0 44.2 66.2
67 79.1 56.4 84.6
52 30.8 23.5 35.3

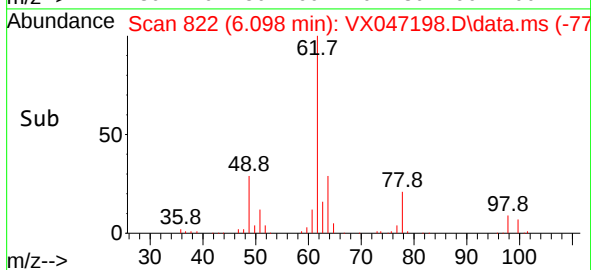
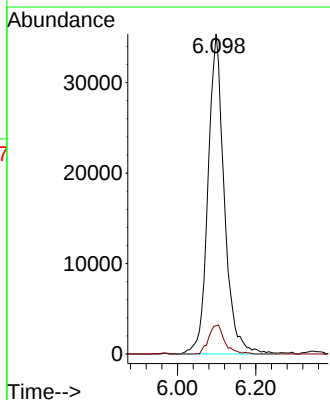
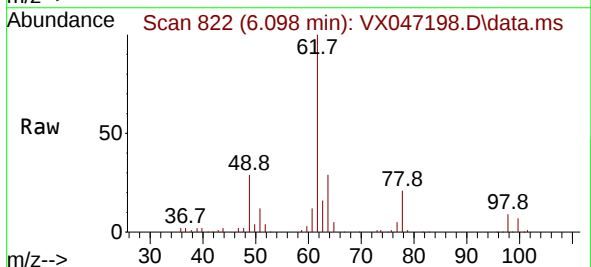
Manual Integrations
APPROVED

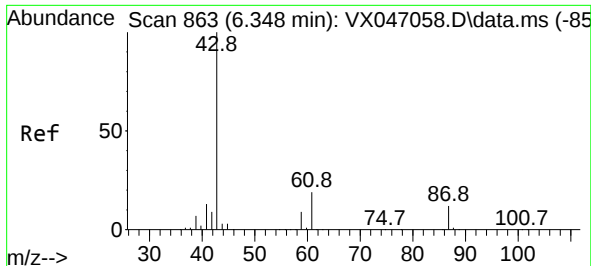
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#42
1,2-Dichloroethane
Concen: 19.488 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

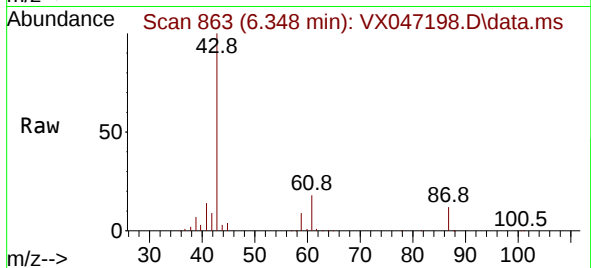
Tgt Ion: 62 Resp: 101851
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.8





#43
Isopropyl Acetate
Concen: 20.731 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

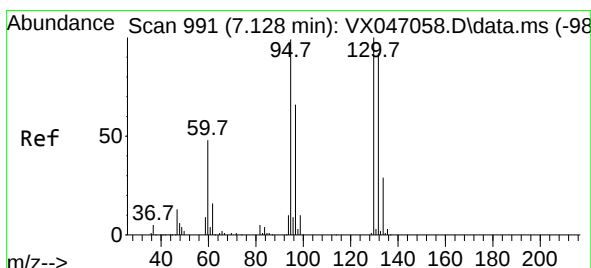
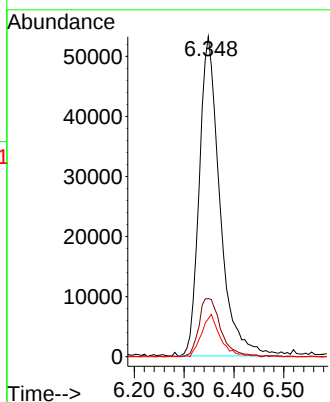
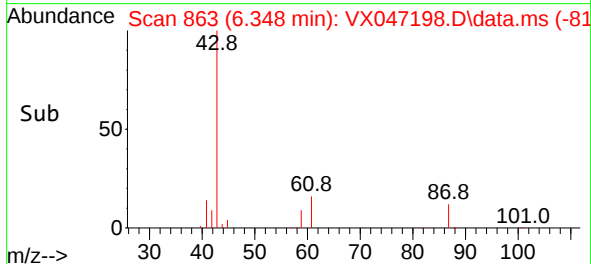
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 43 Resp: 15267
Ion Ratio Lower Upper
43 100
61 19.3 15.1 22.7
87 12.1 9.7 14.5

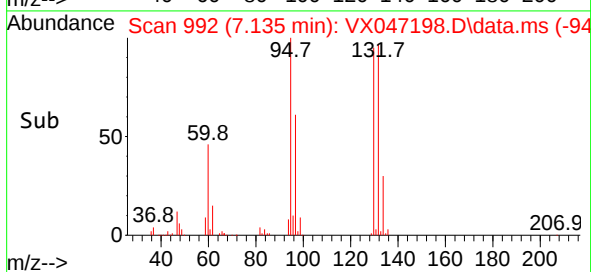
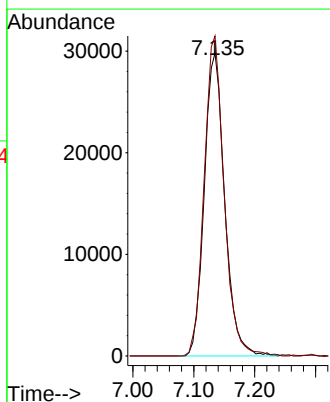
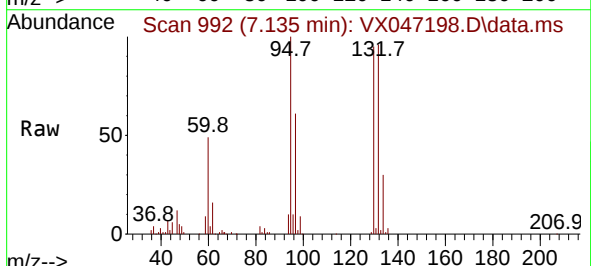
Manual Integrations
APPROVED

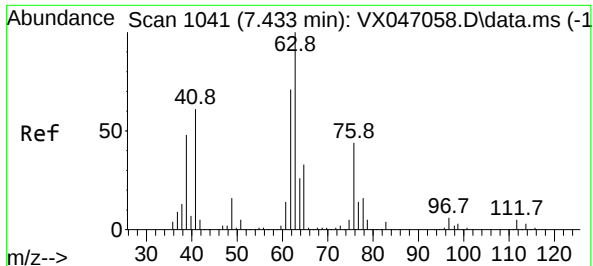
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#44
Trichloroethene
Concen: 18.256 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Tgt Ion:130 Resp: 69456
Ion Ratio Lower Upper
130 100
95 105.6 0.0 198.6





#45

1,2-Dichloropropane

Concen: 18.923 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tgt Ion: 63 Resp: 70310

Ion Ratio Lower Upper

63 100

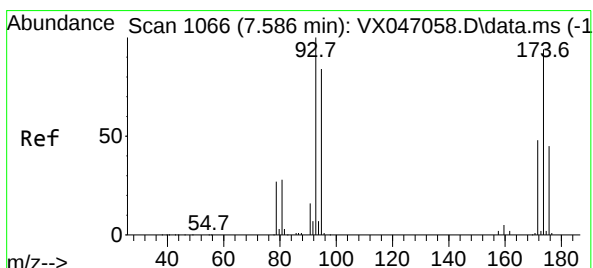
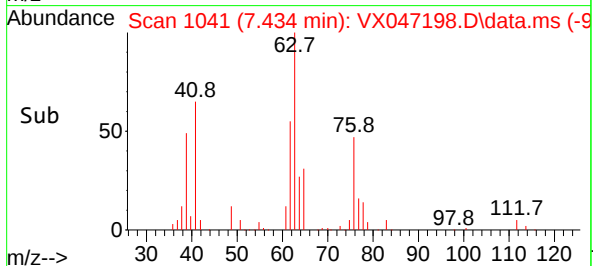
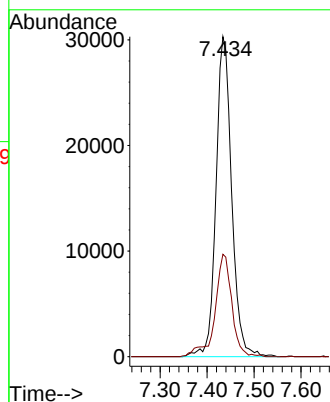
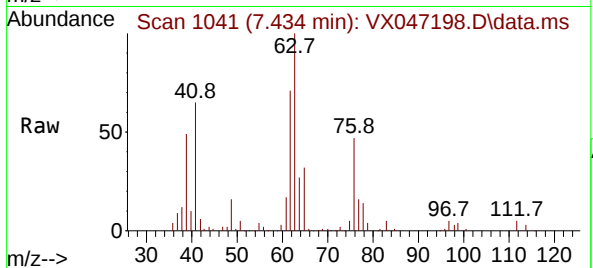
65 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#46

Dibromomethane

Concen: 20.113 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

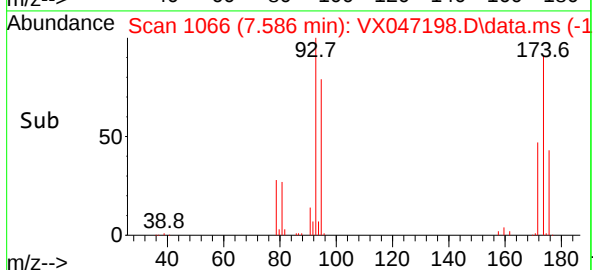
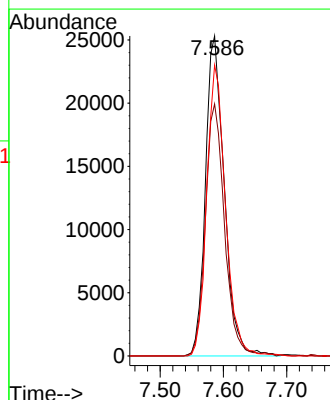
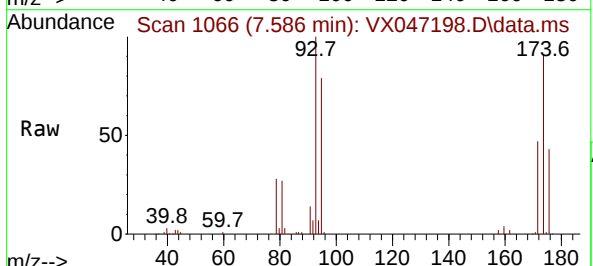
Tgt Ion: 93 Resp: 52410

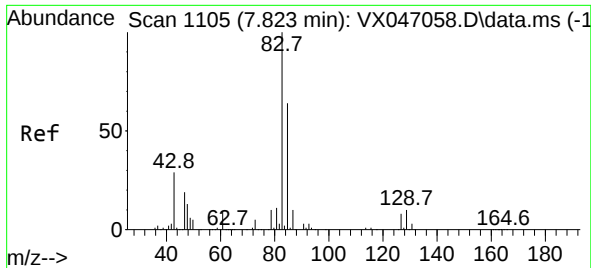
Ion Ratio Lower Upper

93 100

95 80.1 65.9 98.9

174 90.8 74.6 112.0





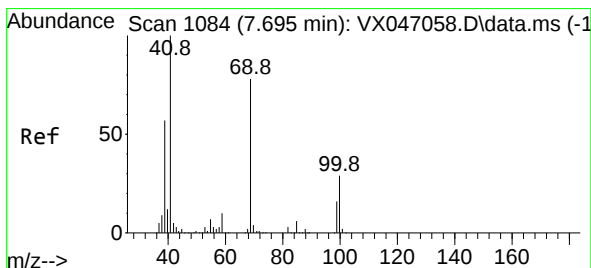
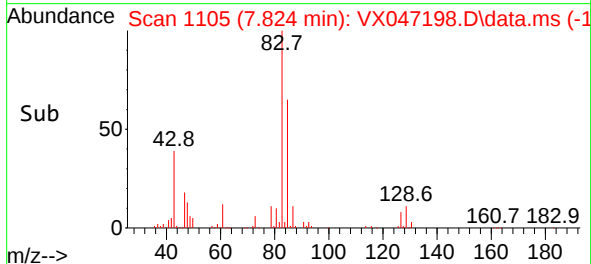
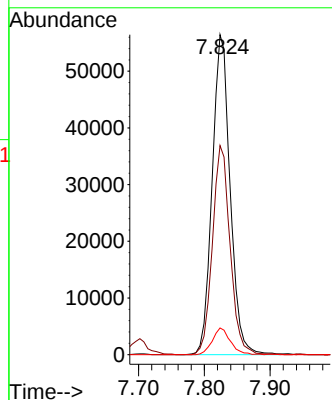
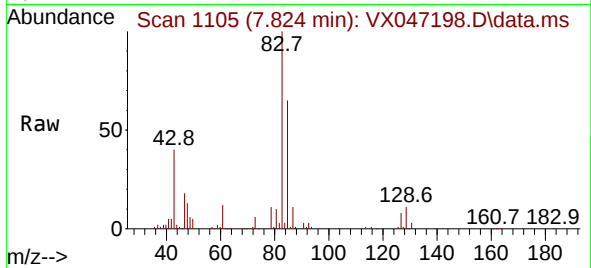
#47
Bromodichloromethane
Concen: 19.315 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion: 83 Resp: 10713
Ion Ratio Lower Upper
83 100
85 65.3 49.9 74.9
127 9.3 6.6 10.0

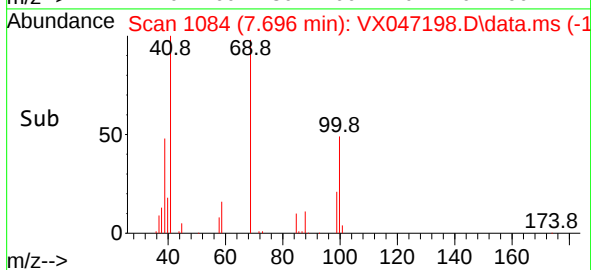
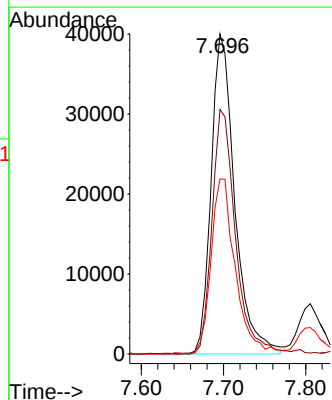
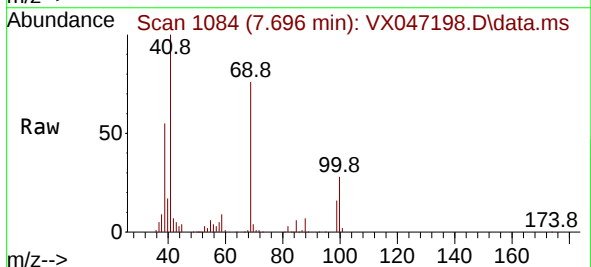
Manual Integrations
APPROVED

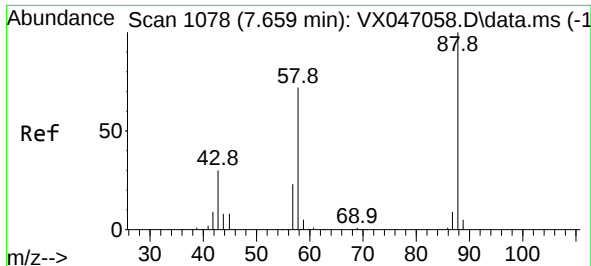
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#48
Methyl methacrylate
Concen: 19.918 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Tgt Ion: 41 Resp: 79909
Ion Ratio Lower Upper
41 100
69 75.7 62.3 93.5
39 56.3 44.8 67.2





#49

1,4-Dioxane

Concen: 465.517 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.067 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tgt Ion: 88 Resp: 2124

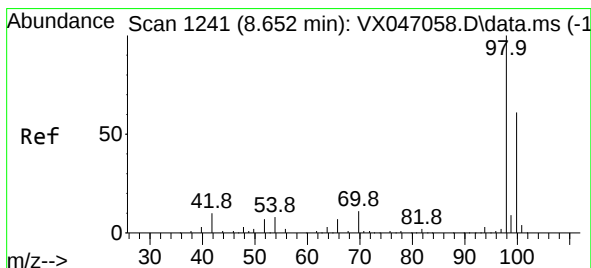
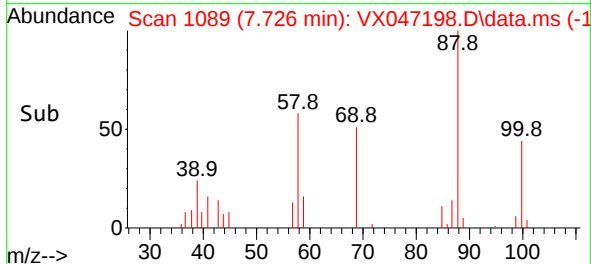
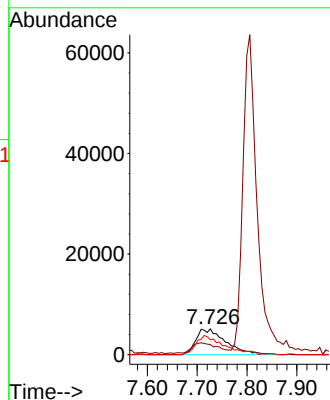
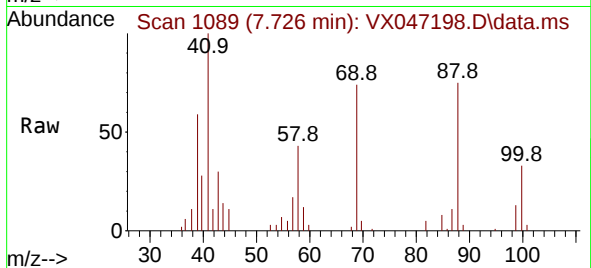
Ion	Ratio	Lower	Upper
88	100		
43	35.1	33.6	50.4
58	66.3	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#50

Toluene-d8

Concen: 47.691 ug/l

RT: 8.653 min Scan# 1241

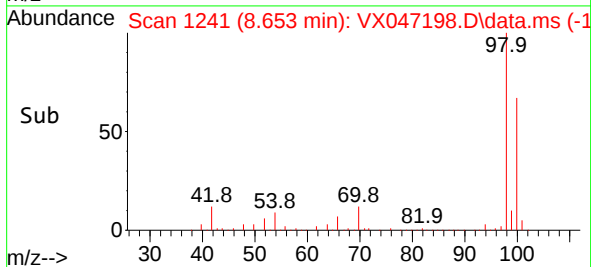
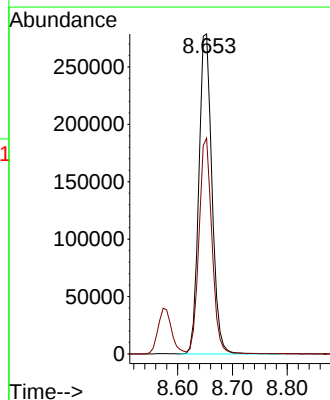
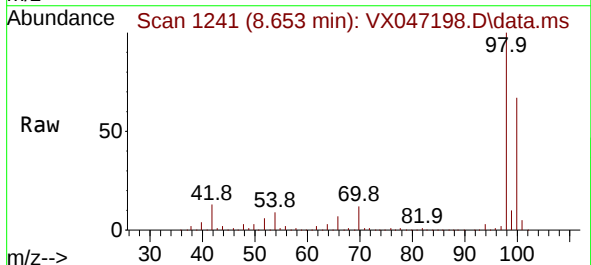
Delta R.T. 0.000 min

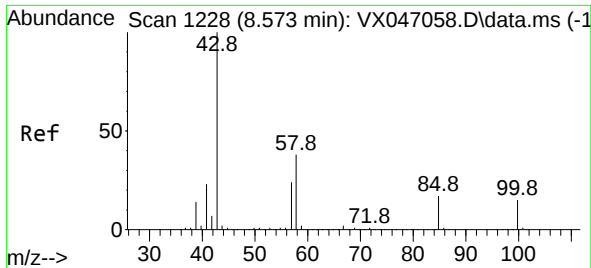
Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Tgt Ion: 98 Resp: 464507

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9





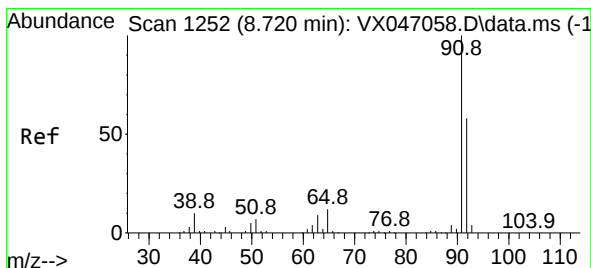
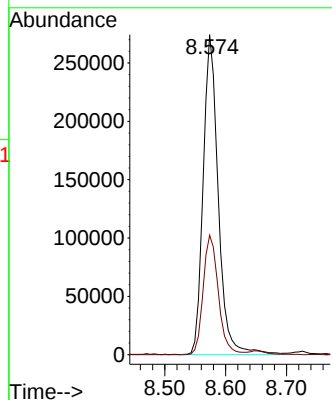
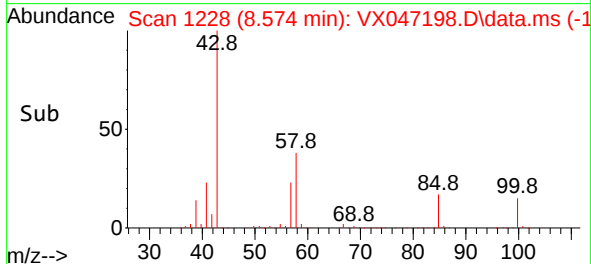
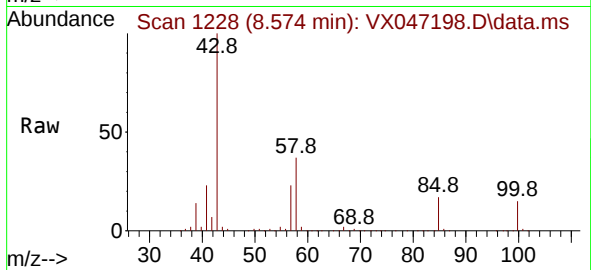
#51
4-Methyl-2-Pentanone
Concen: 107.991 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion: 43 Resp: 47272
Ion Ratio Lower Upper
43 100
58 37.4 30.6 45.8

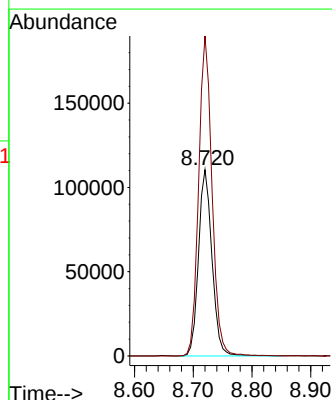
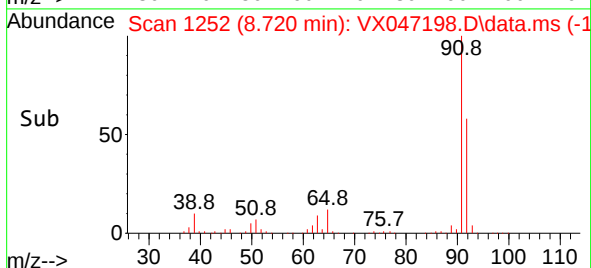
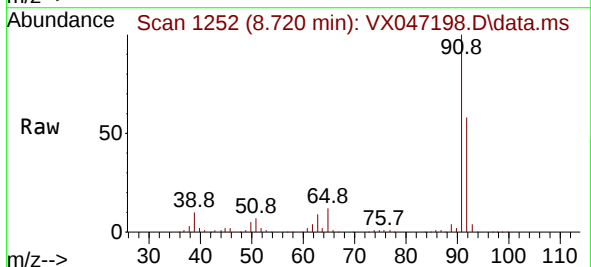
Manual Integrations
APPROVED

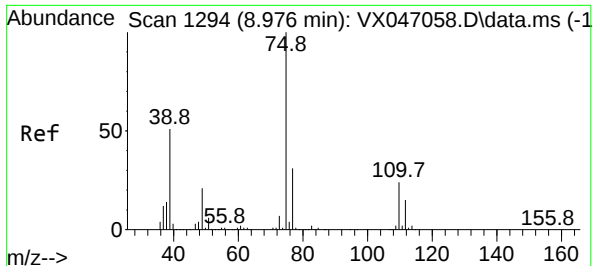
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#52
Toluene
Concen: 19.328 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Tgt Ion: 92 Resp: 176326
Ion Ratio Lower Upper
92 100
91 170.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.098 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tgt Ion: 75 Resp: 100028

Ion Ratio Lower Upper

75 100

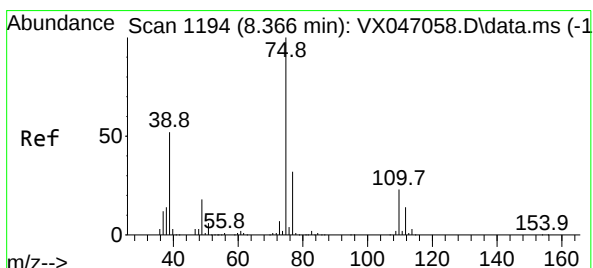
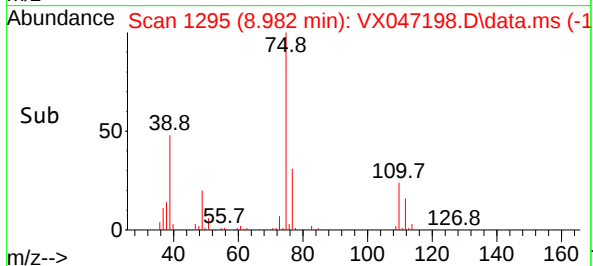
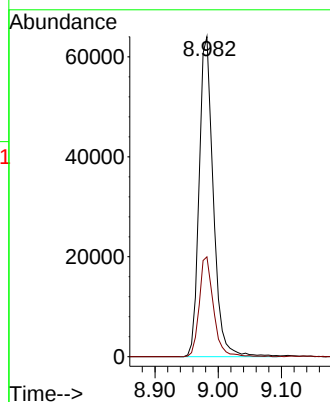
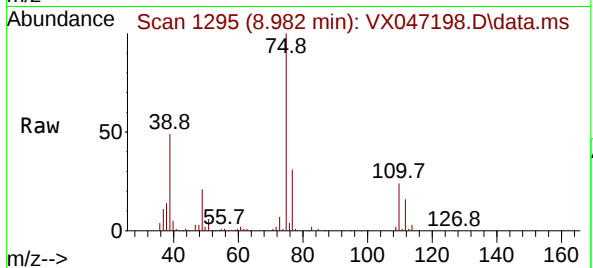
77 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#54

cis-1,3-Dichloropropene

Concen: 19.140 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

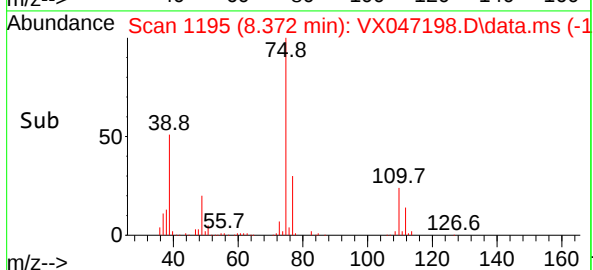
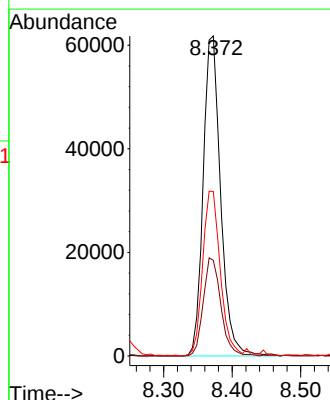
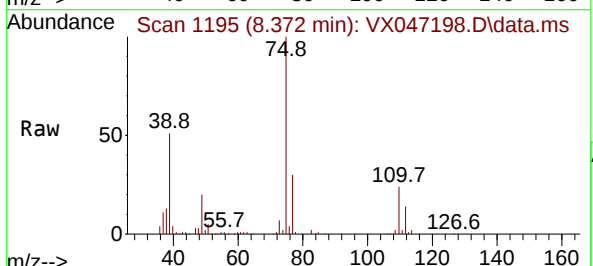
Tgt Ion: 75 Resp: 109720

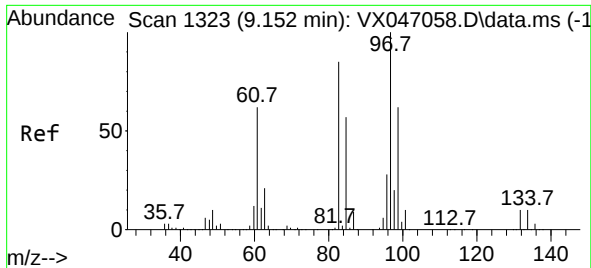
Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.0

39 51.3 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 19.789 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

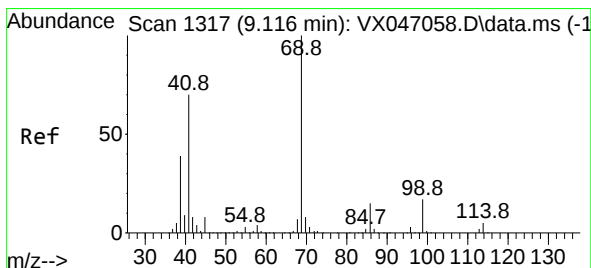
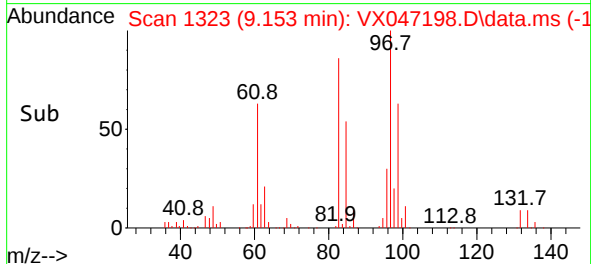
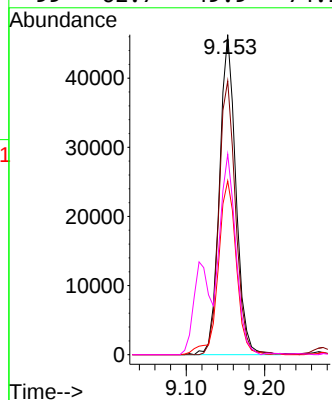
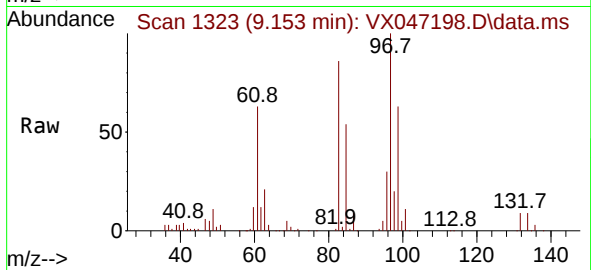
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion: 97 Resp: 6770

Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.0	102.0
85	54.3	45.2	67.8
99	62.7	49.9	74.9

Manual Integrations
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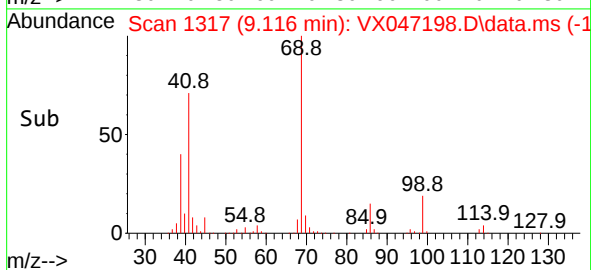
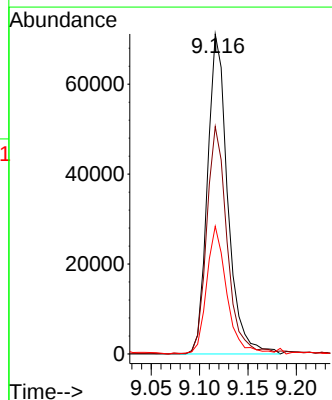
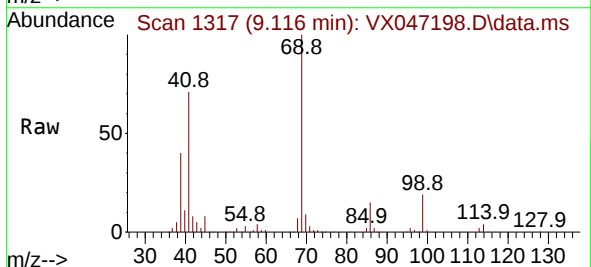
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

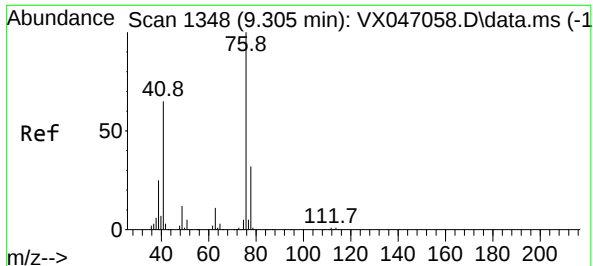


#56
Ethyl methacrylate
Concen: 20.429 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Tgt Ion: 69 Resp: 103471

Ion	Ratio	Lower	Upper
69	100		
41	73.3	56.1	84.1
39	39.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 19.454 ug/l

RT: 9.311 min Scan# 11567

Delta R.T. 0.006 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tgt Ion: 76 Resp: 11567

Ion Ratio Lower Upper

76 100

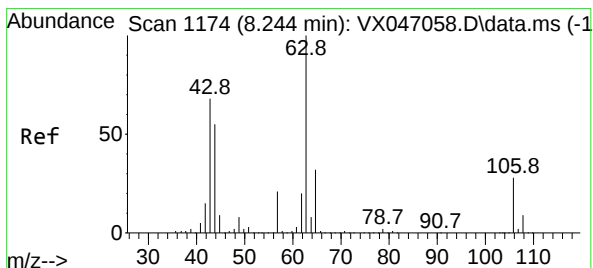
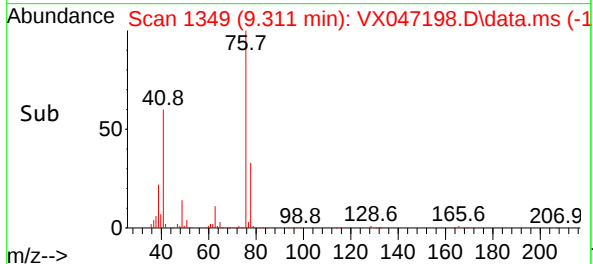
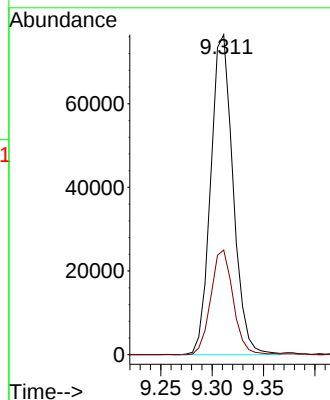
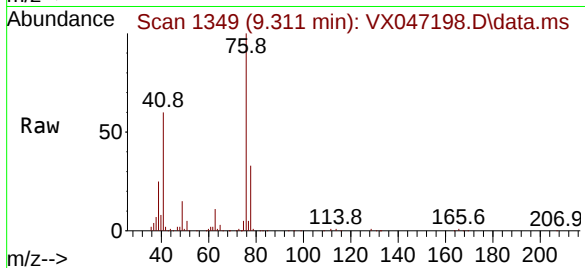
78 32.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#58

2-Chloroethyl Vinyl ether

Concen: 92.646 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047198.D

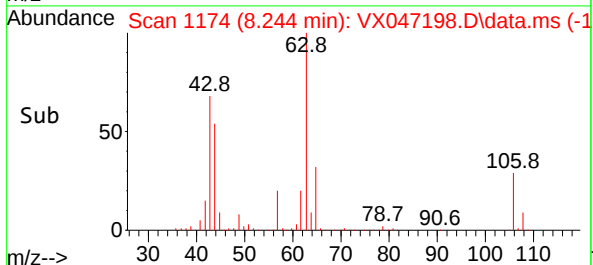
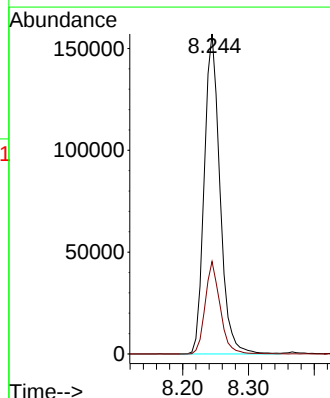
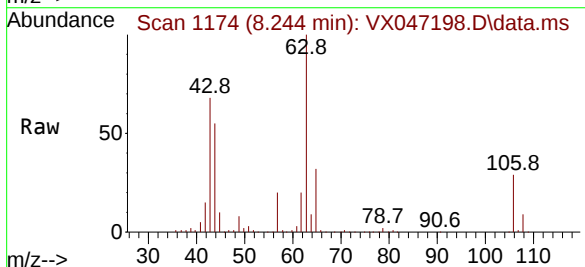
Acq: 31 Jul 2025 13:00

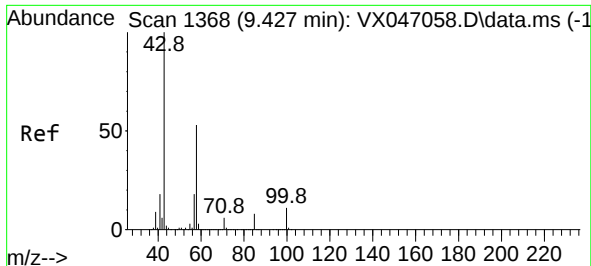
Tgt Ion: 63 Resp: 261119

Ion Ratio Lower Upper

63 100

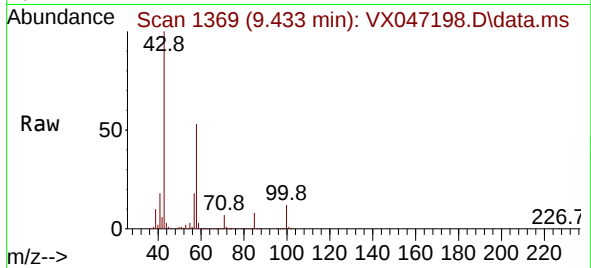
106 27.5 22.2 33.4





#59
2-Hexanone
Concen: 112.738 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

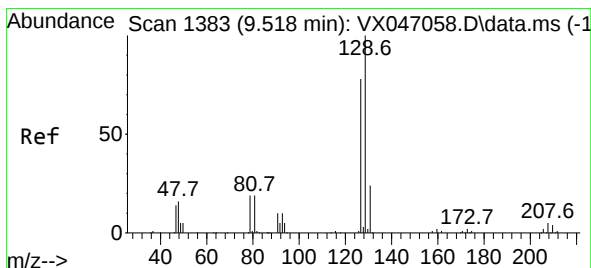
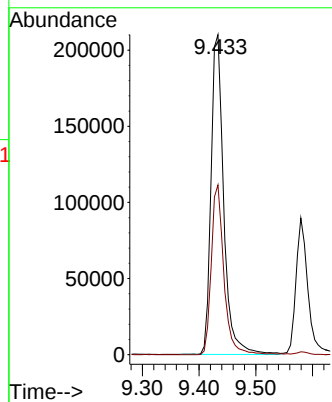
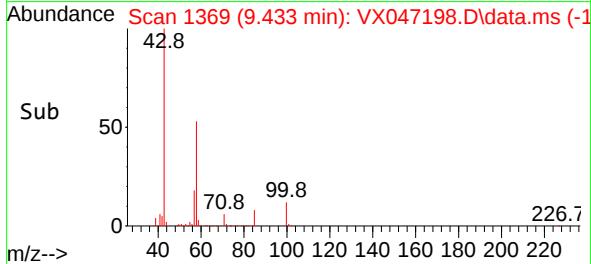
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 43 Resp: 326040
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

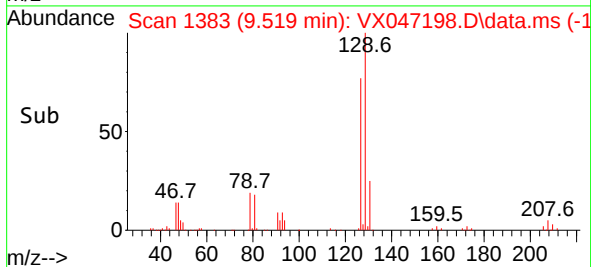
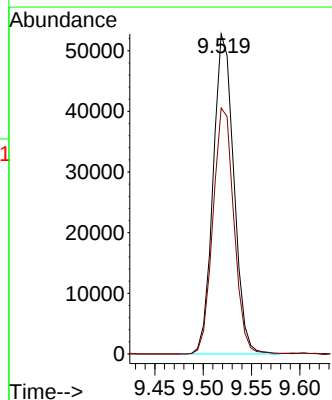
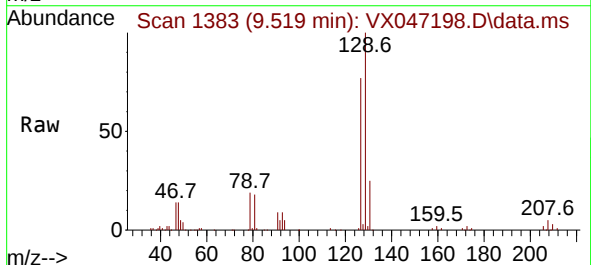
Manual Integrations
APPROVED

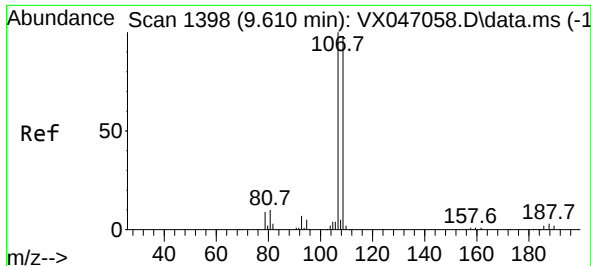
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#60
Dibromochloromethane
Concen: 19.555 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

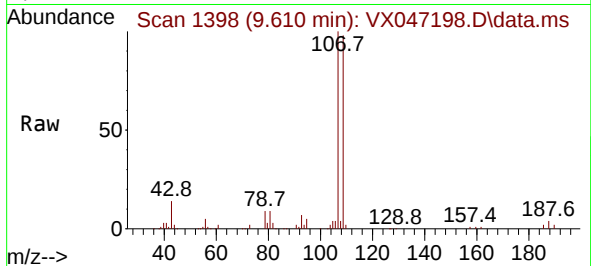
Tgt Ion:129 Resp: 78465
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.290 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

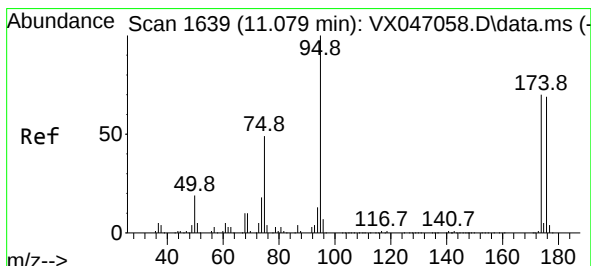
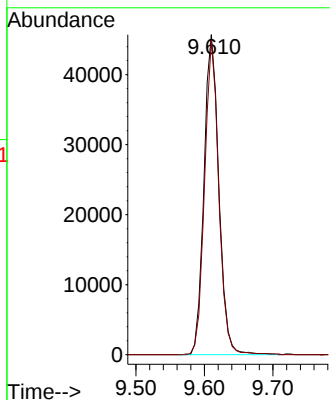
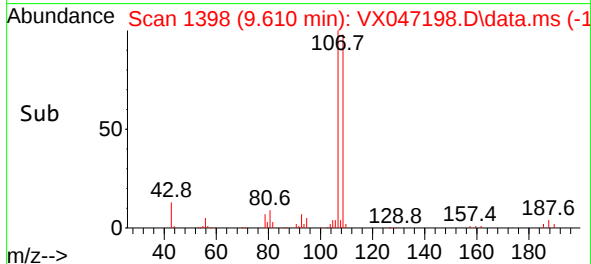
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



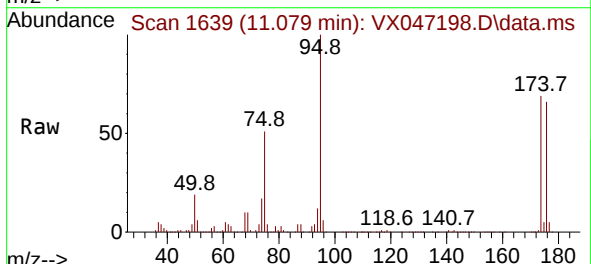
Tgt Ion:107 Resp: 69008
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0

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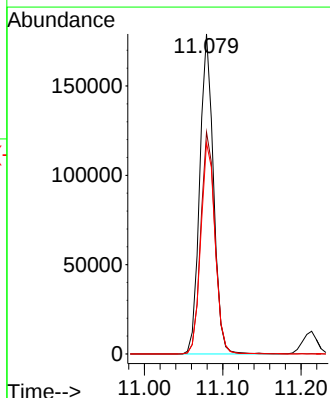
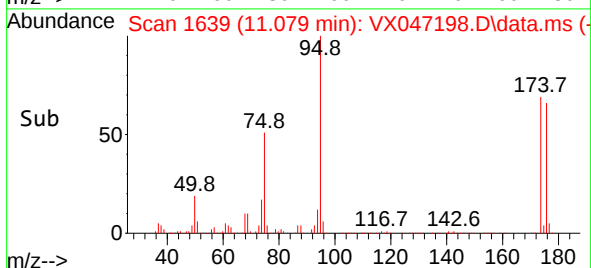
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

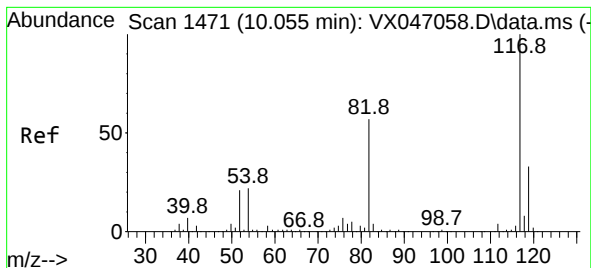


#62
4-Bromofluorobenzene
Concen: 51.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



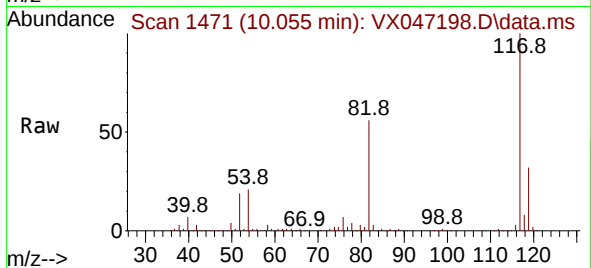
Tgt Ion: 95 Resp: 217751
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.6
176 68.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

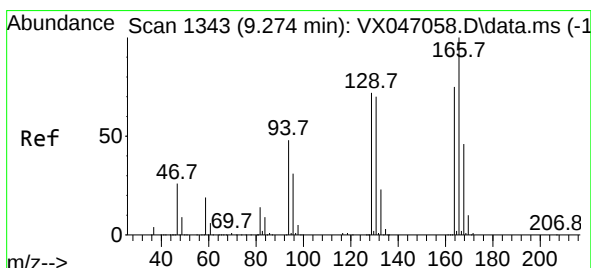
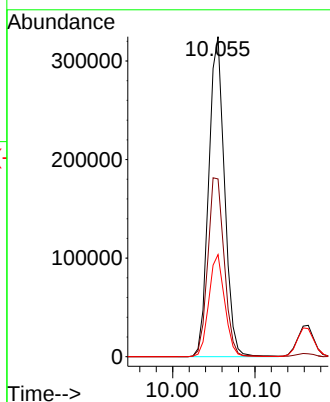
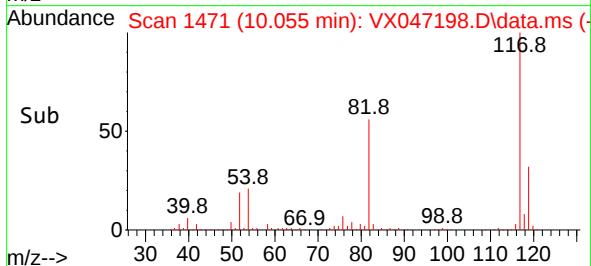
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion:117 Resp: 43498
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 31.9 26.1 39.1

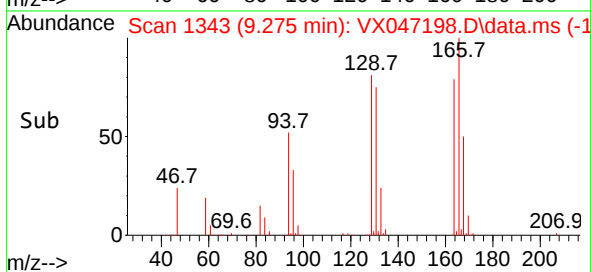
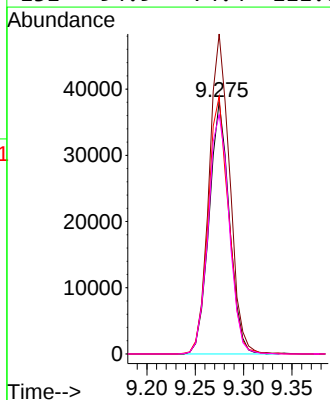
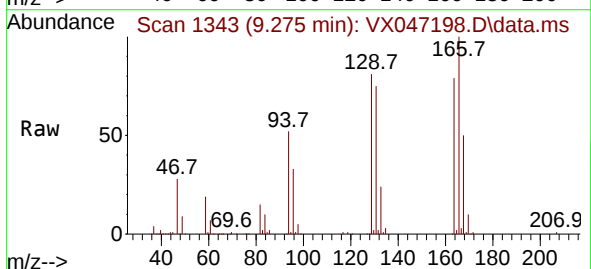
Manual Integrations
APPROVED

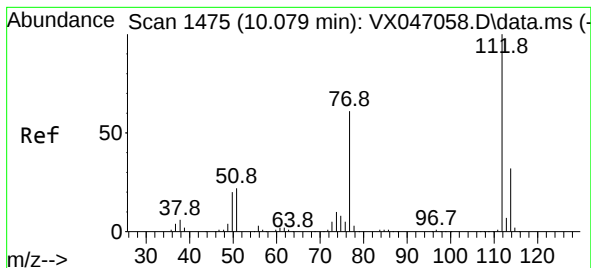
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#64
Tetrachloroethene
Concen: 17.659 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

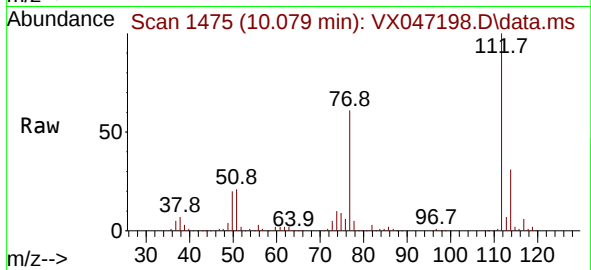
Tgt Ion:164 Resp: 55375
Ion Ratio Lower Upper
164 100
166 126.8 106.2 159.4
129 102.1 76.6 114.8
131 94.9 74.4 111.6





#65
Chlorobenzene
Concen: 18.962 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

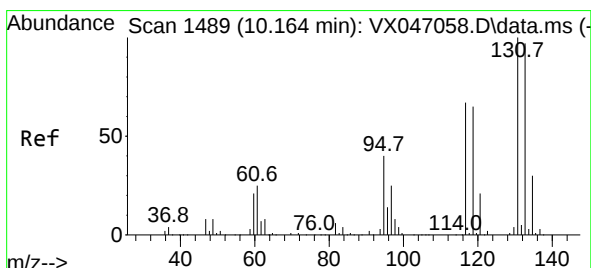
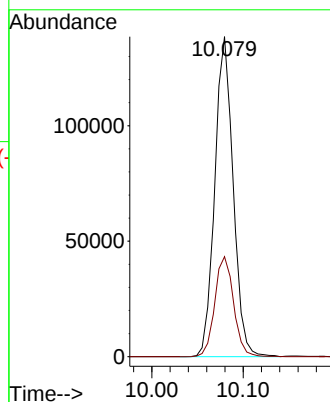
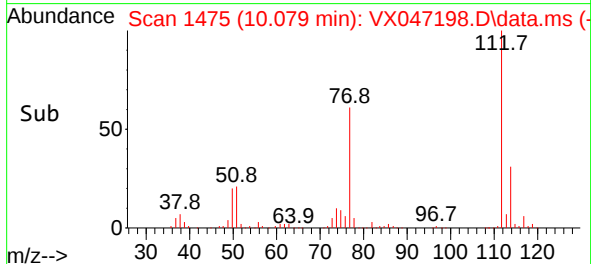
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



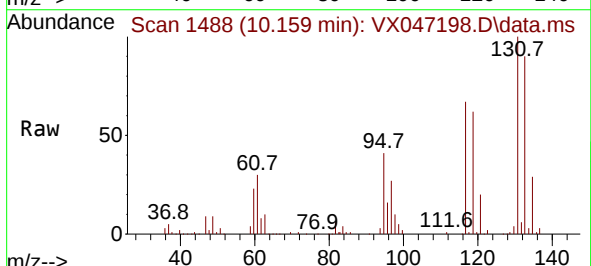
Tgt Ion:112 Resp: 19323
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

Manual Integrations
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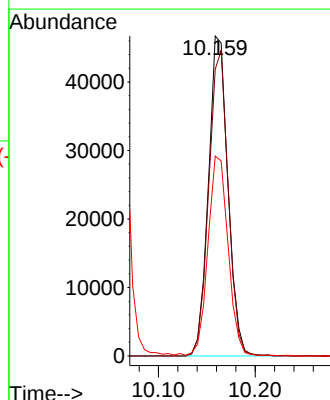
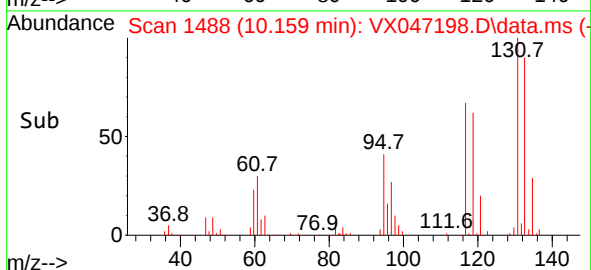
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

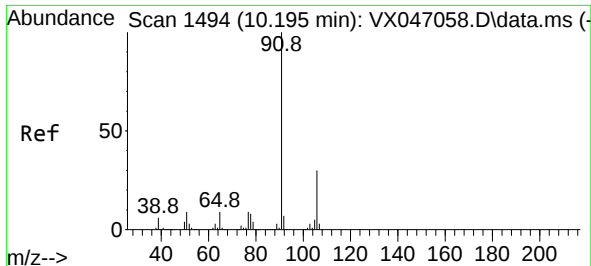


#66
1,1,1,2-Tetrachloroethane
Concen: 19.113 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



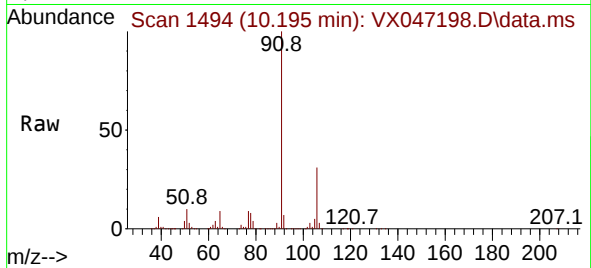
Tgt Ion:131 Resp: 65575
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.3
119 64.6 32.4 97.0





#67
Ethyl Benzene
Concen: 18.981 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

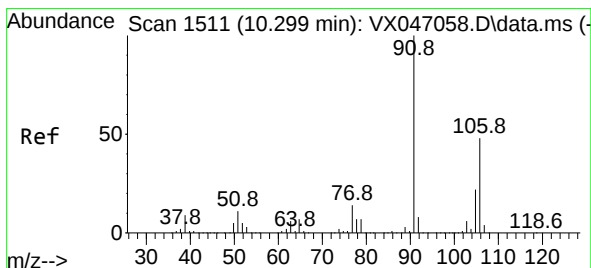
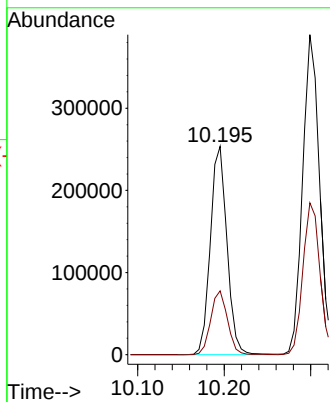
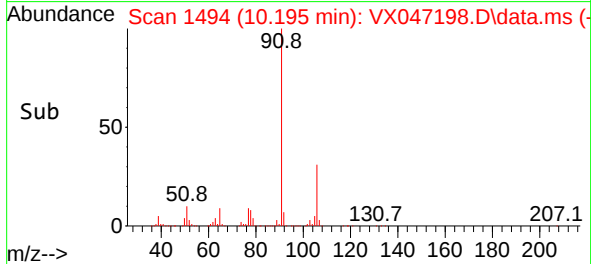
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



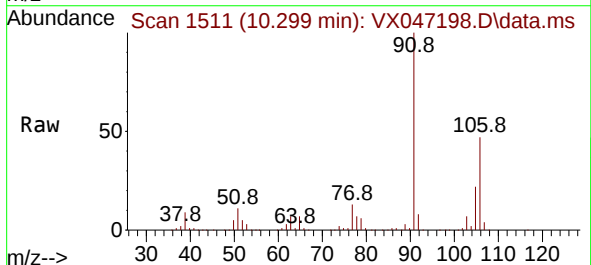
Tgt Ion: 91 Resp: 338194
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4

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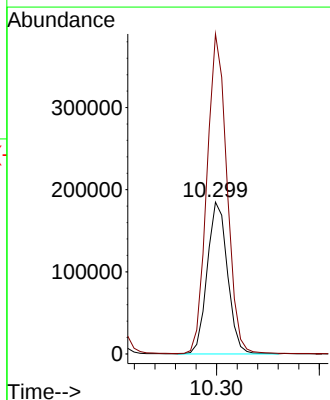
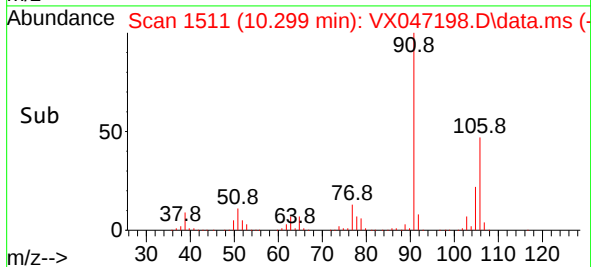
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

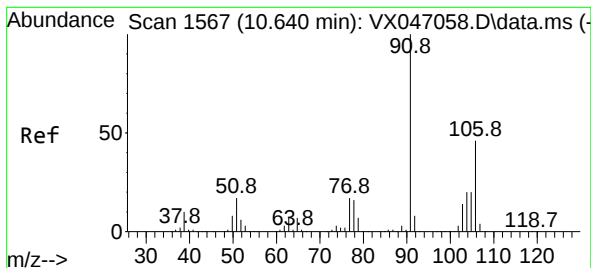


#68
m/p-Xylenes
Concen: 37.952 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



Tgt Ion:106 Resp: 253049
Ion Ratio Lower Upper
106 100
91 209.0 167.4 251.0





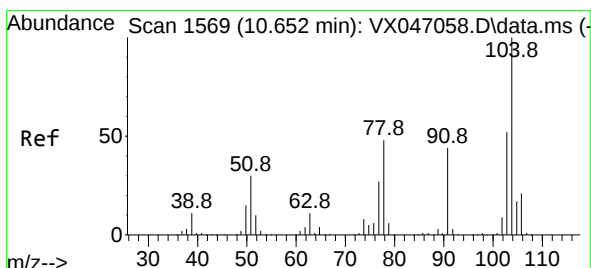
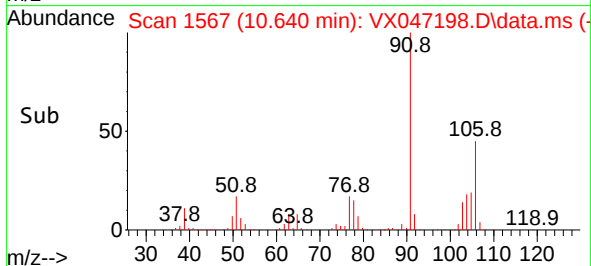
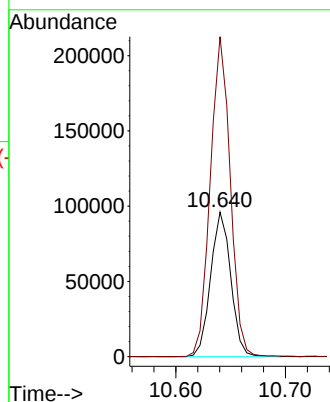
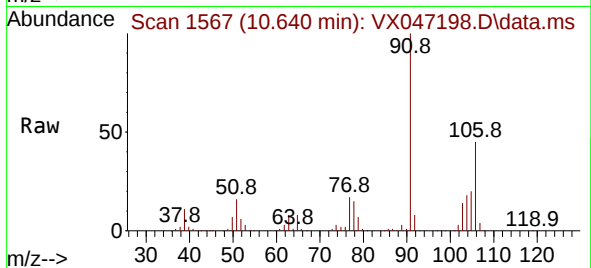
#69
o-Xylene
Concen: 19.324 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02

Tgt Ion:106 Resp: 122579
Ion Ratio Lower Upper
106 100
91 220.2 110.3 331.0

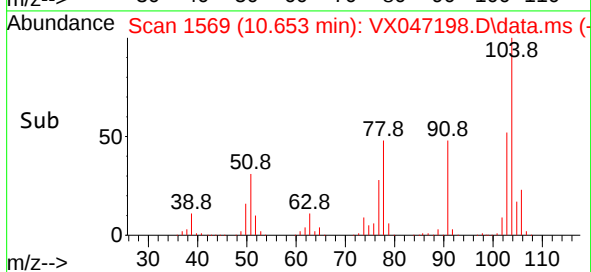
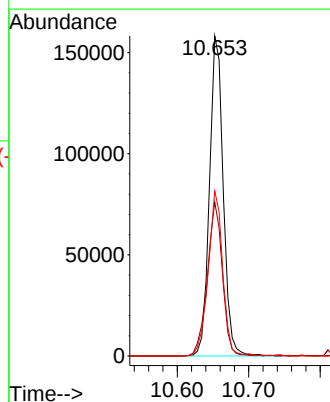
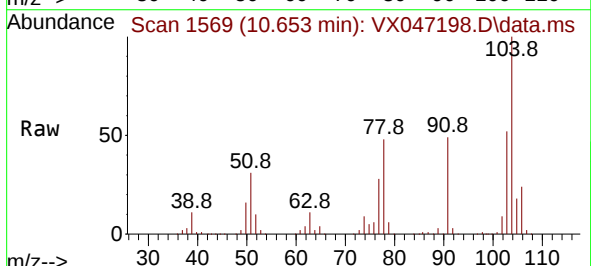
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#70
Styrene
Concen: 19.451 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

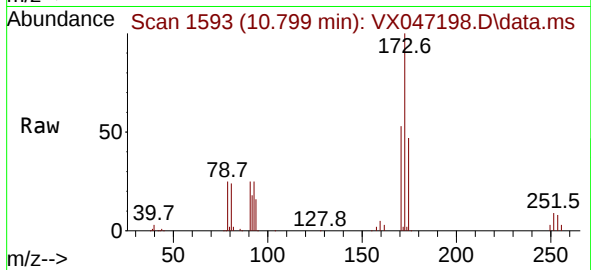
Tgt Ion:104 Resp: 211561
Ion Ratio Lower Upper
104 100
78 52.4 42.0 63.0
103 54.4 43.8 65.6





#71
Bromoform
Concen: 19.564 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

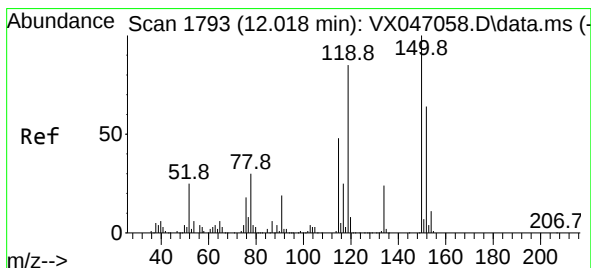
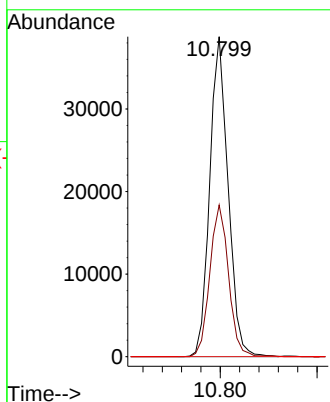
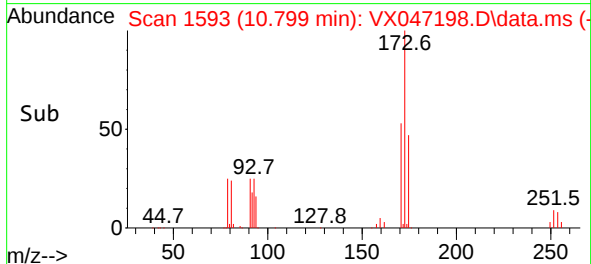
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



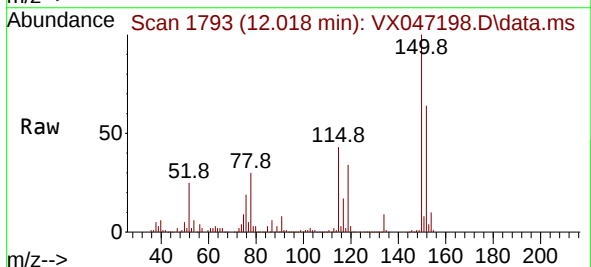
Tgt Ion:173 Resp: 50988
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
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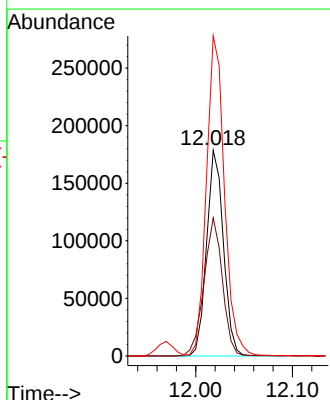
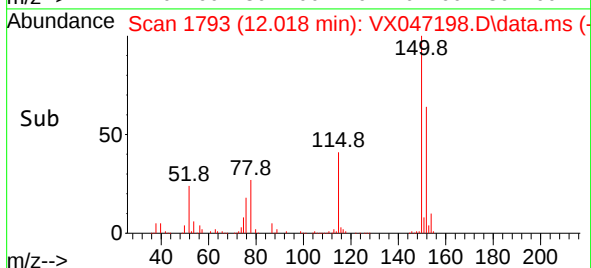
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

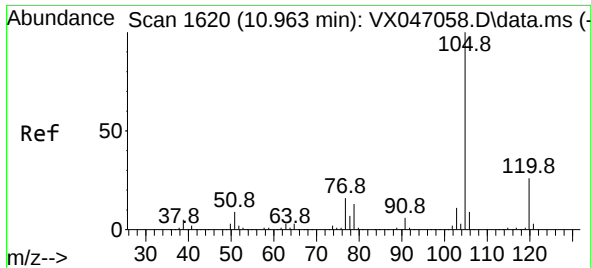


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



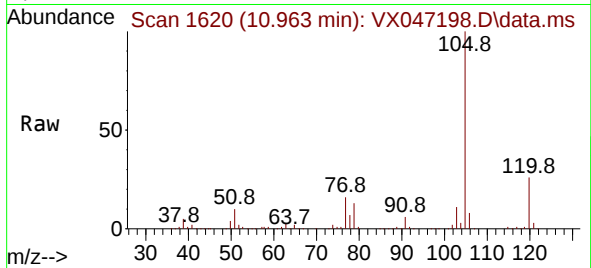
Tgt Ion:152 Resp: 216644
Ion Ratio Lower Upper
152 100
115 73.8 45.6 136.7
150 166.6 0.0 354.6





#73
Isopropylbenzene
Concen: 19.376 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

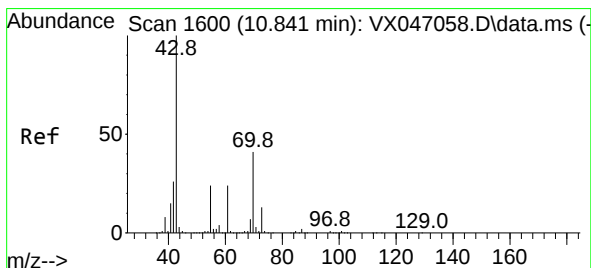
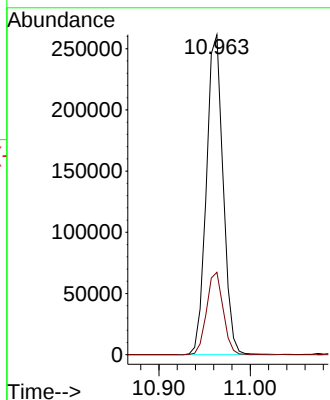
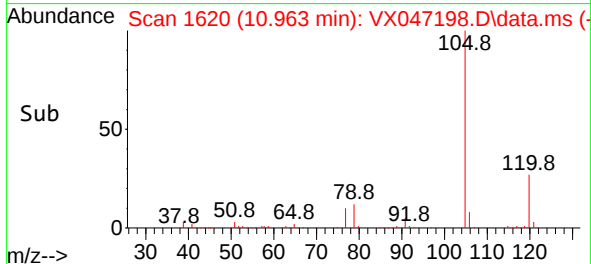
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



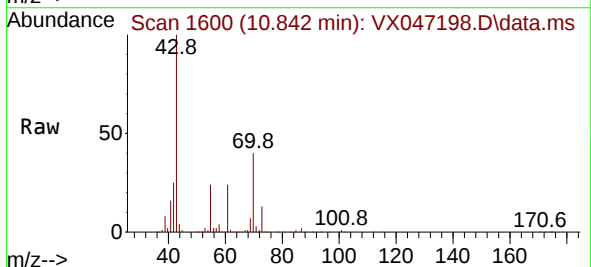
Tgt Ion:105 Resp: 331180
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7

Manual Integrations
APPROVED

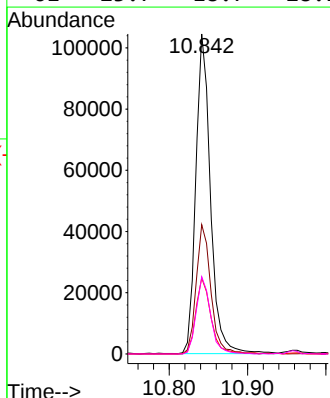
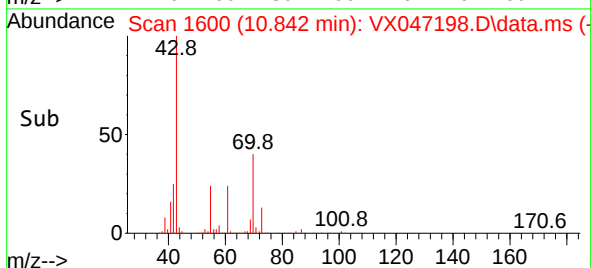
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

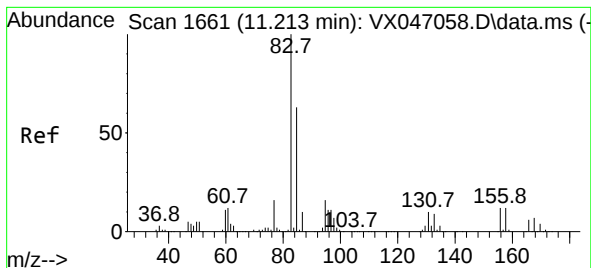


#74
N-ethyl acetate
Concen: 19.748 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



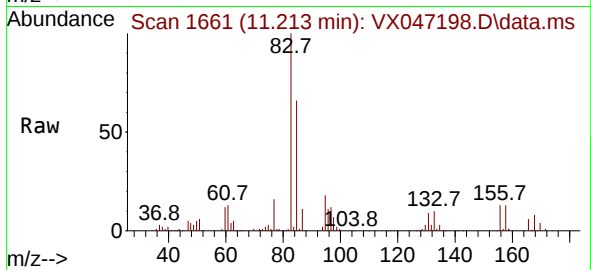
Tgt Ion: 43 Resp: 136187
Ion Ratio Lower Upper
43 100
70 40.6 32.3 48.5
55 24.8 18.9 28.3
61 23.7 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 20.699 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

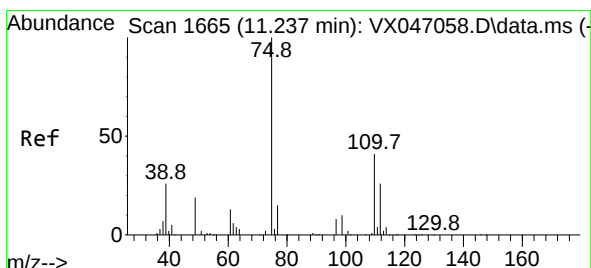
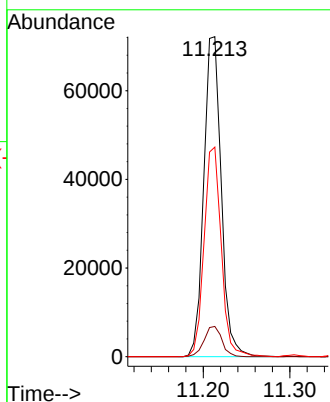
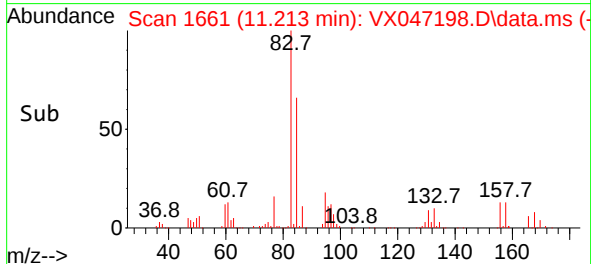
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



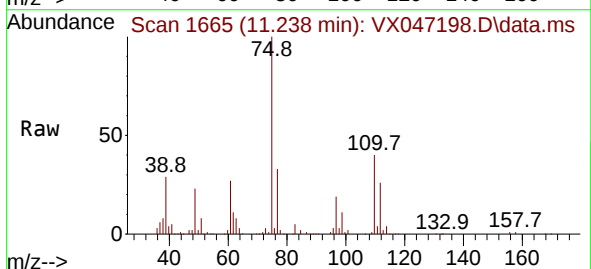
Tgt Ion: 83 Resp: 101050
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.4 32.0 96.2

Manual Integrations
APPROVED

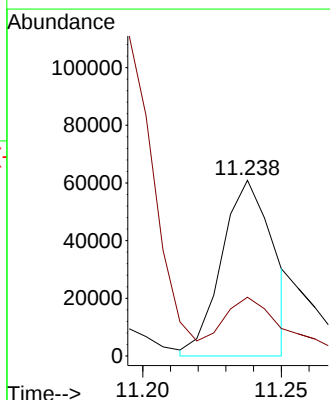
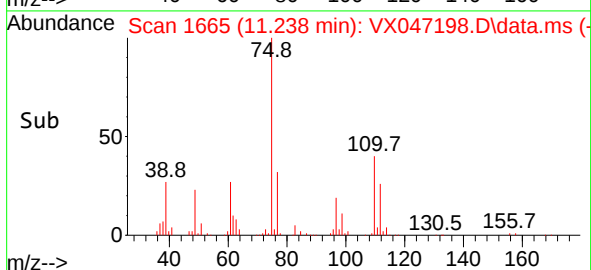
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

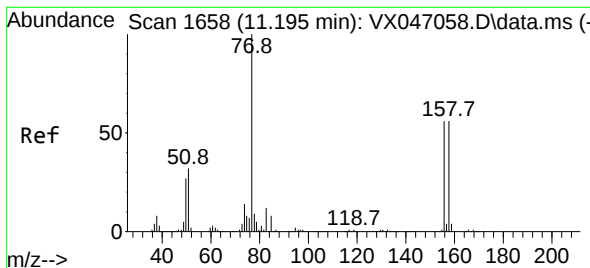


#76
1,2,3-Trichloropropane
Concen: 19.649 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



Tgt Ion: 75 Resp: 78792
Ion Ratio Lower Upper
75 100
77 41.3 21.6 65.0





#77

Bromobenzene

Concen: 18.952 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

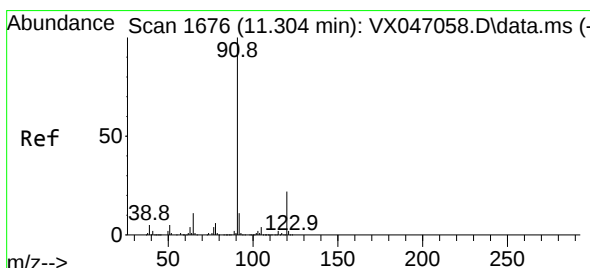
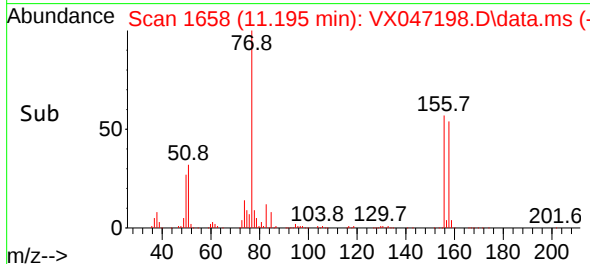
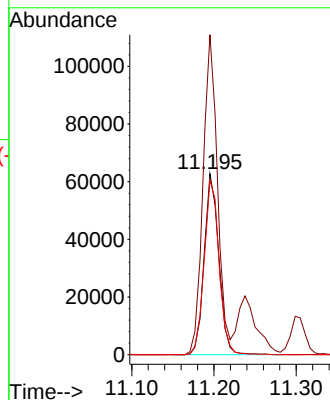
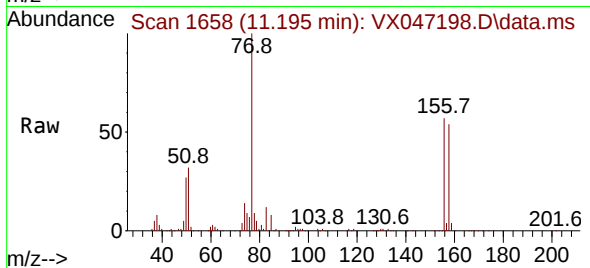
Tgt Ion:	156	Resp:	77694
Ion Ratio	Lower	Upper	
156	100		
77	174.0	87.3	261.9
158	98.2	48.9	146.6

Manual Integrations

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Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#78

n-propylbenzene

Concen: 19.195 ug/l

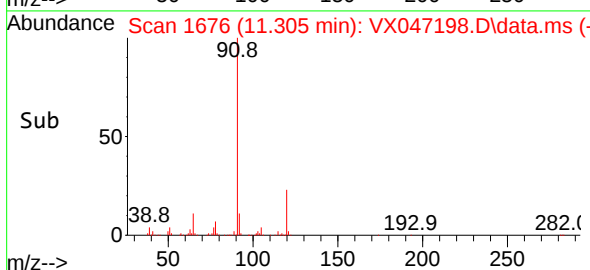
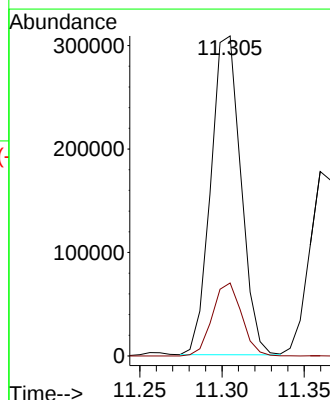
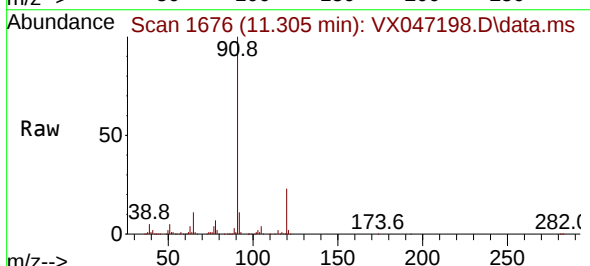
RT: 11.305 min Scan# 1676

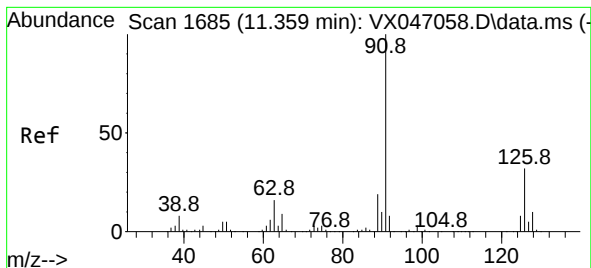
Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

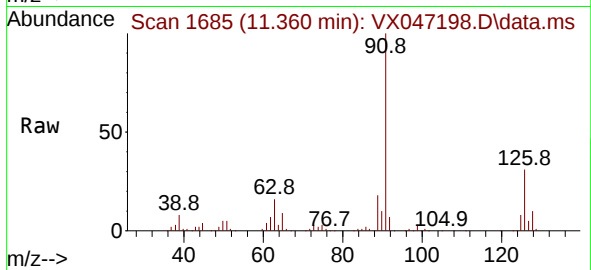
Tgt Ion:	91	Resp:	392058
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0





#79
2-Chlorotoluene
Concen: 19.082 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

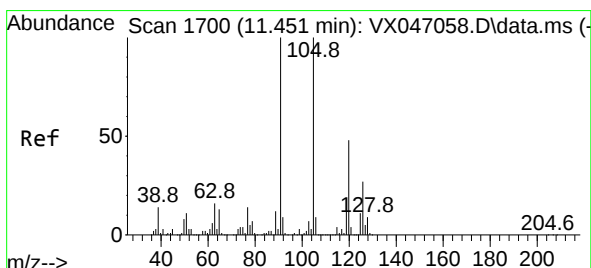
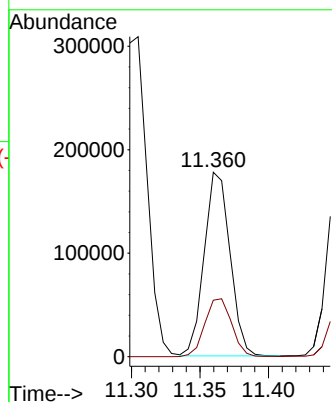
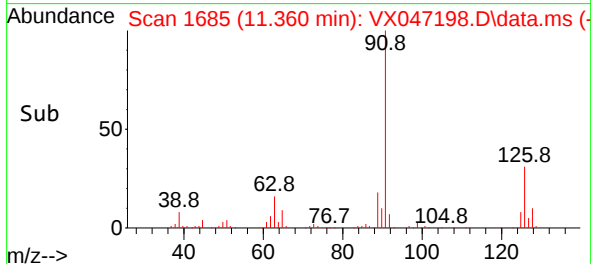
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



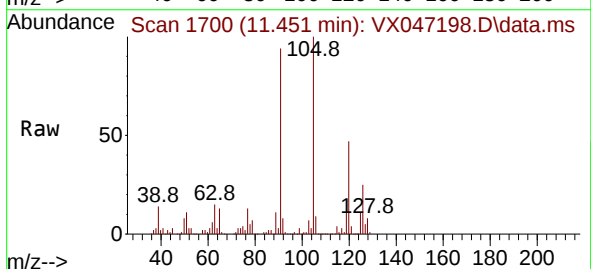
Tgt Ion: 91 Resp: 232975
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

Manual Integrations
APPROVED

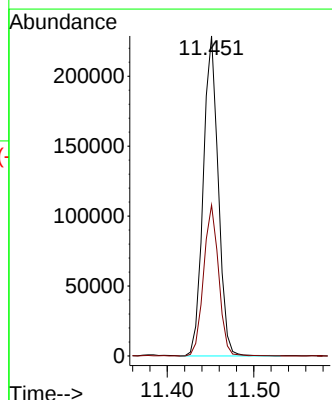
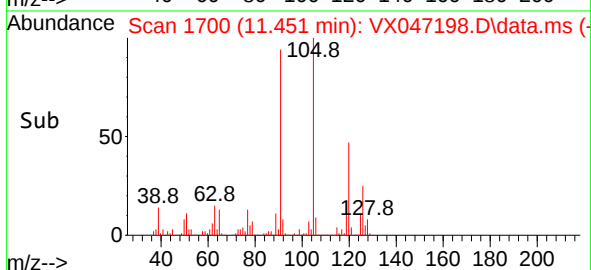
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

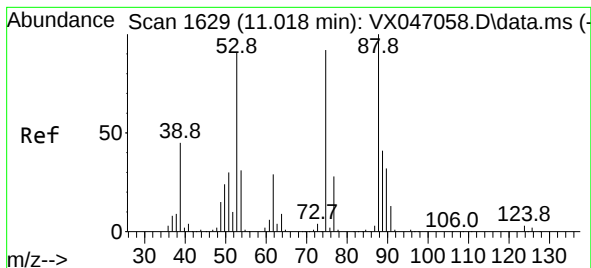


#80
1,3,5-Trimethylbenzene
Concen: 19.486 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



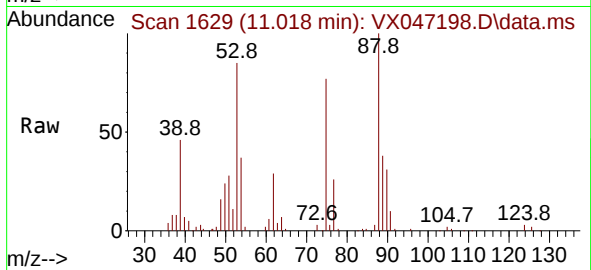
Tgt Ion:105 Resp: 275153
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 12.047 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

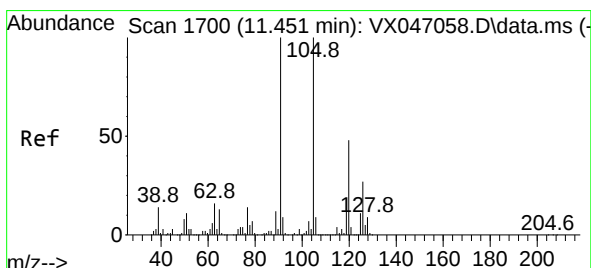
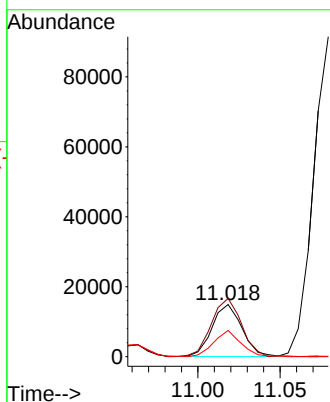
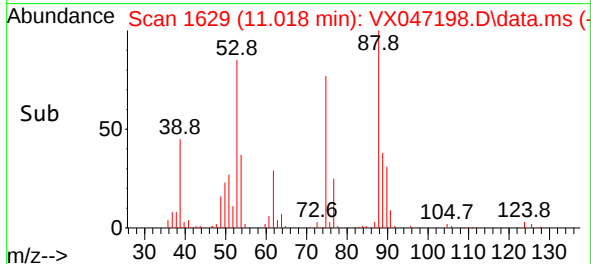
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 75 Resp: 18750
Ion Ratio Lower Upper
75 100
53 113.5 84.2 126.4
89 45.7 36.0 54.0

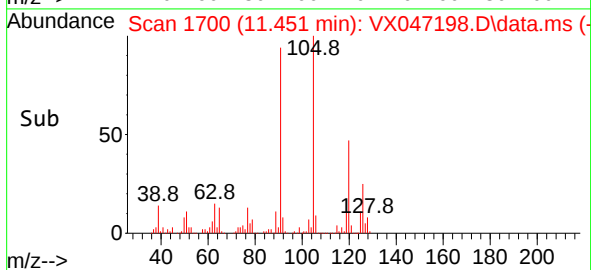
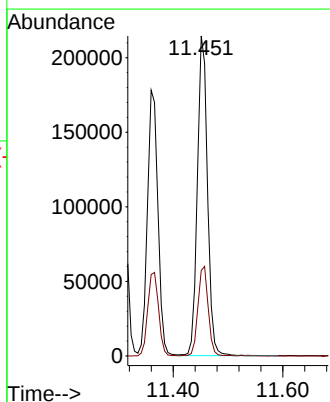
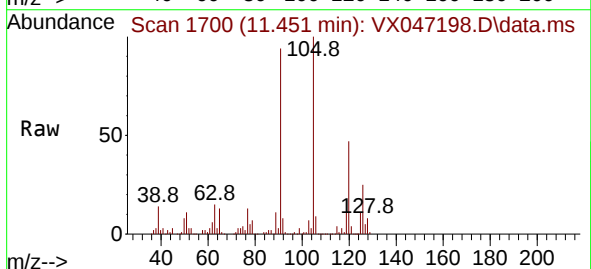
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#82
4-Chlorotoluene
Concen: 19.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

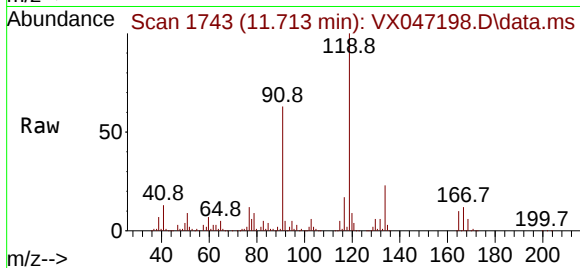
Tgt Ion: 91 Resp: 276735
Ion Ratio Lower Upper
91 100
126 28.2 14.1 42.3





#83
tert-Butylbenzene
Concen: 19.265 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

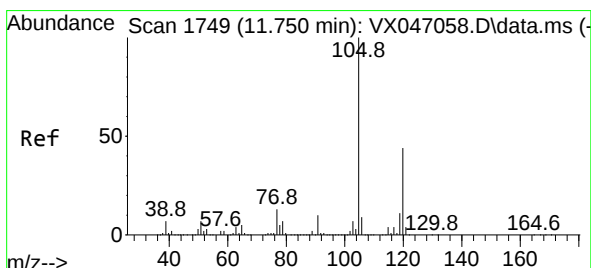
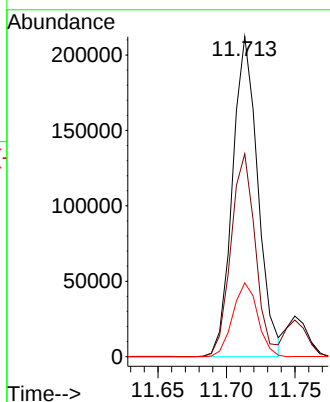
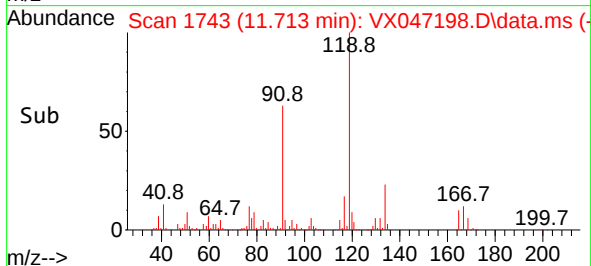
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



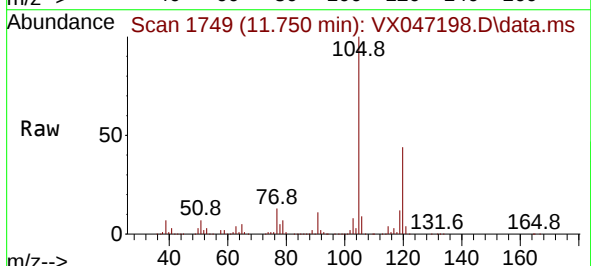
Tgt Ion:119 Resp: 273034
Ion Ratio Lower Upper
119 100
91 61.5 29.6 88.8
134 22.8 11.4 34.1

Manual Integrations
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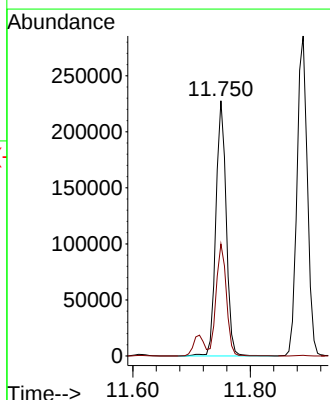
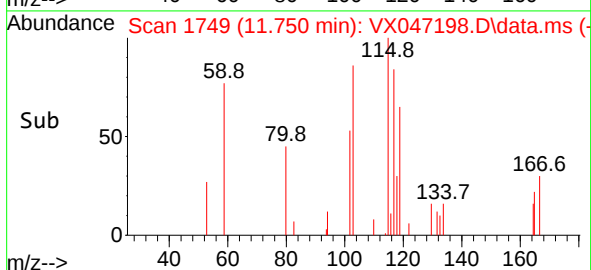
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

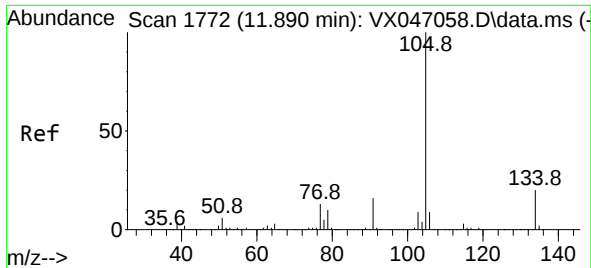


#84
1,2,4-Trimethylbenzene
Concen: 19.612 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



Tgt Ion:105 Resp: 276215
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





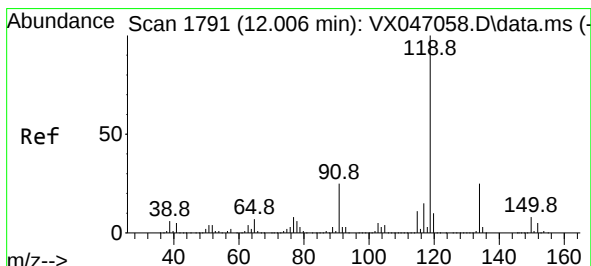
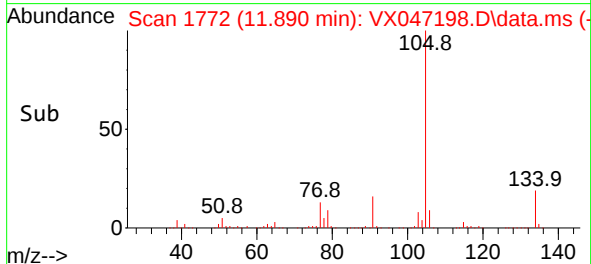
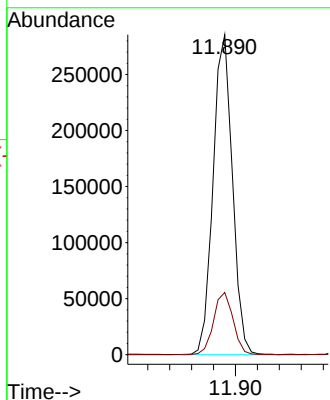
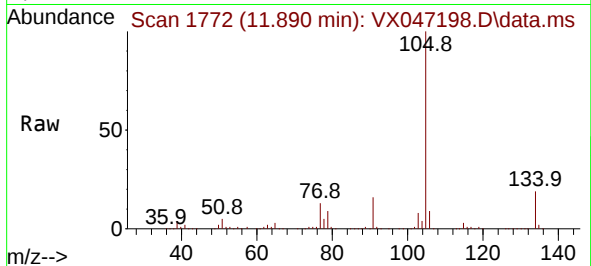
#85
 sec-Butylbenzene
 Concen: 19.755 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047198.D
 Acq: 31 Jul 2025 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02

Tgt Ion:105 Resp: 34982
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

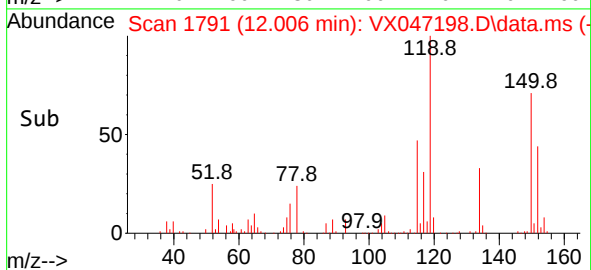
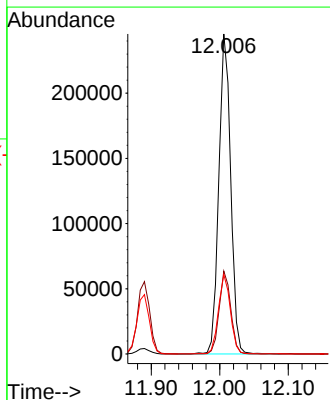
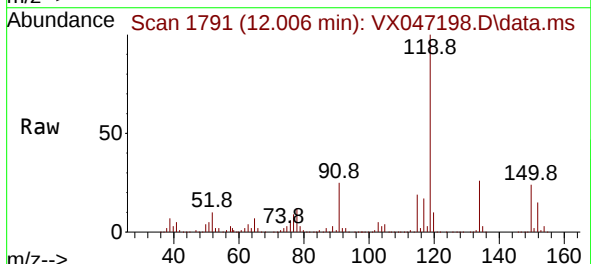
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025



#86
 p-Isopropyltoluene
 Concen: 20.002 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047198.D
 Acq: 31 Jul 2025 13:00

Tgt Ion:119 Resp: 293724
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.365 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

Tgt Ion:146 Resp: 150840

Ion Ratio Lower Upper

146 100

111 41.2 21.0 63.0

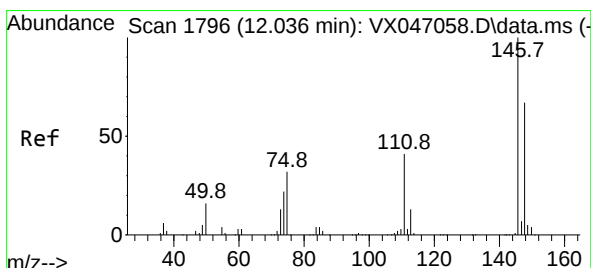
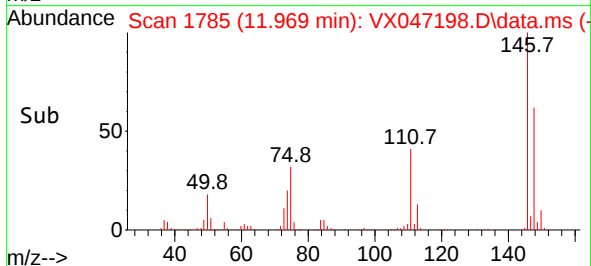
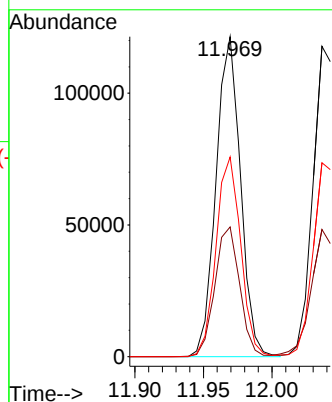
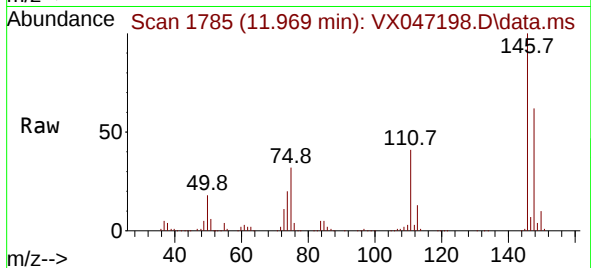
148 62.9 32.0 96.0

Manual Integrations

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Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#88

1,4-Dichlorobenzene

Concen: 19.301 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

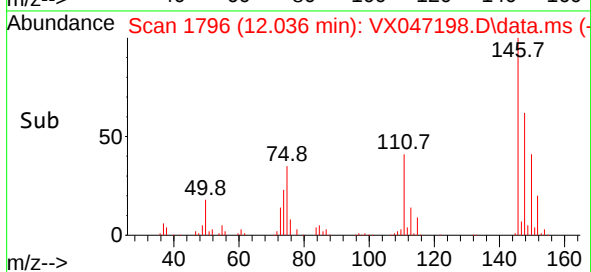
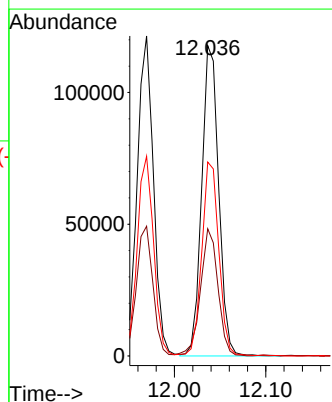
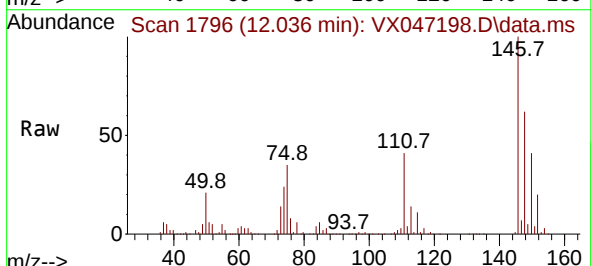
Tgt Ion:146 Resp: 152318

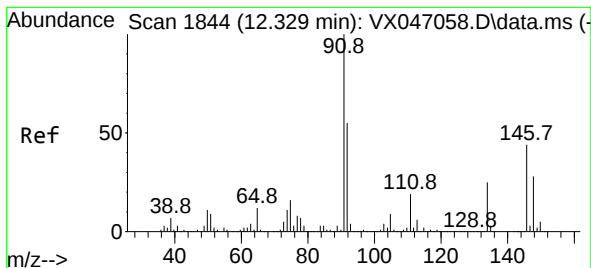
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

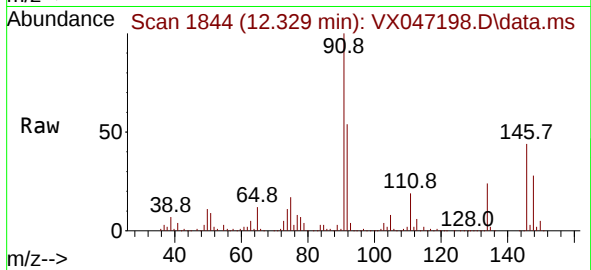
148 62.4 33.0 98.9





#89
n-Butylbenzene
Concen: 20.078 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

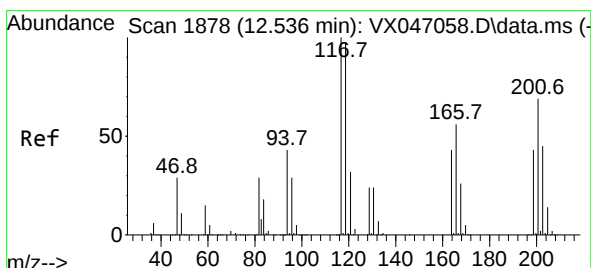
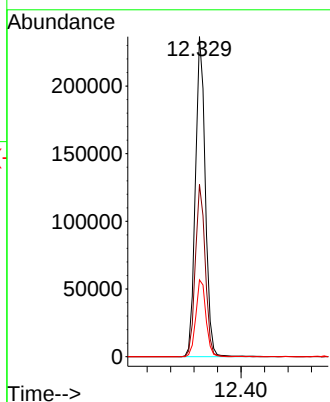
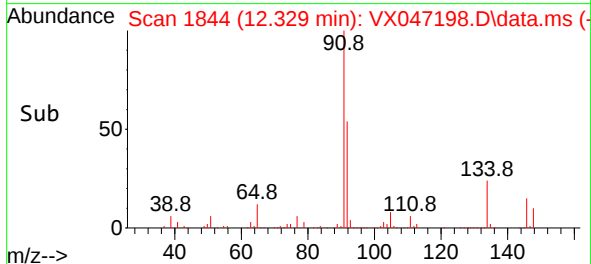
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



Tgt Ion: 91 Resp: 276500
Ion Ratio Lower Upper
91 100
92 53.8 27.5 82.5
134 24.6 12.8 38.3

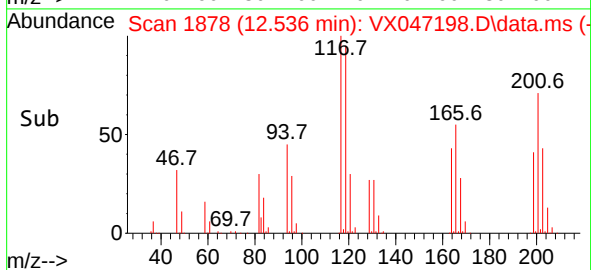
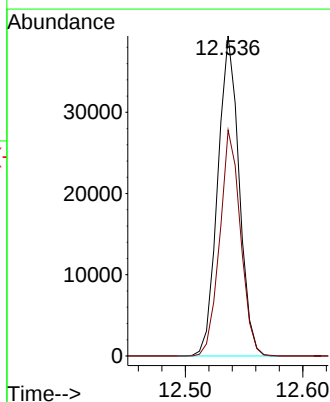
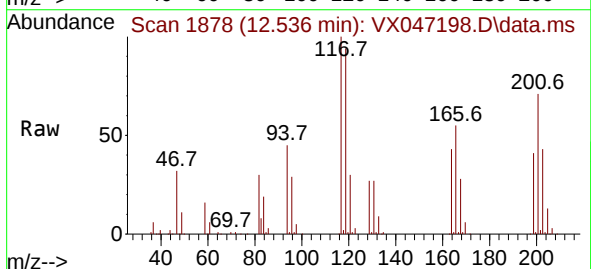
Manual Integrations
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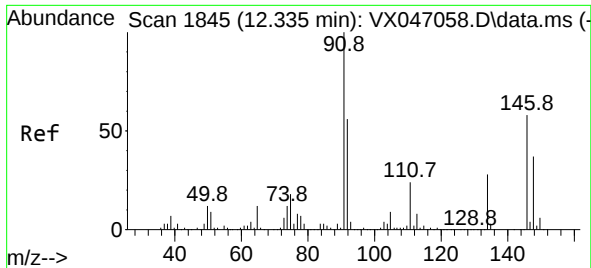
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025



#90
Hexachloroethane
Concen: 18.935 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

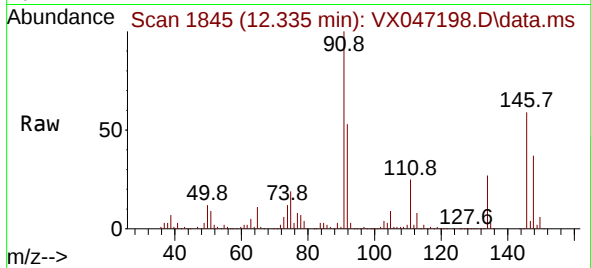
Tgt Ion:117 Resp: 49743
Ion Ratio Lower Upper
117 100
201 68.7 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 19.453 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00

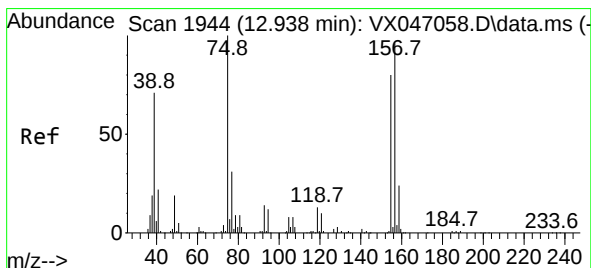
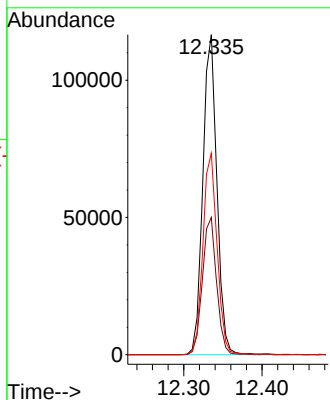
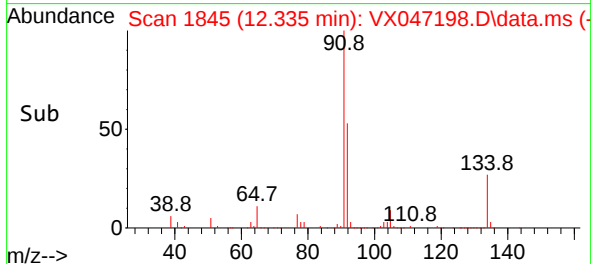
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS02



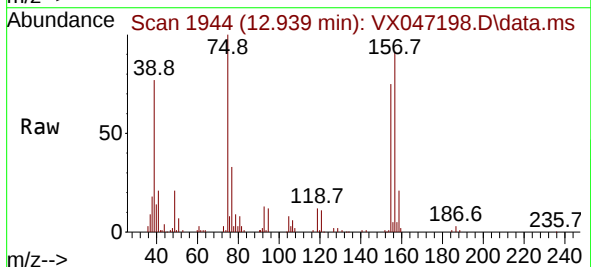
Tgt Ion:146 Resp: 14482
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.6
148 63.6 31.9 95.7

Manual Integrations
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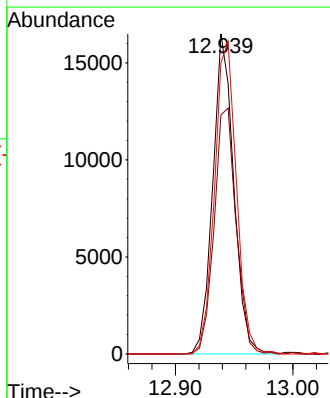
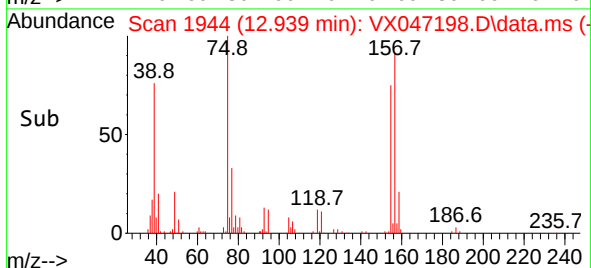
Reviewed By :John Carlone 08/01/2025
Supervised By :Mahesh Dadoda 08/01/2025

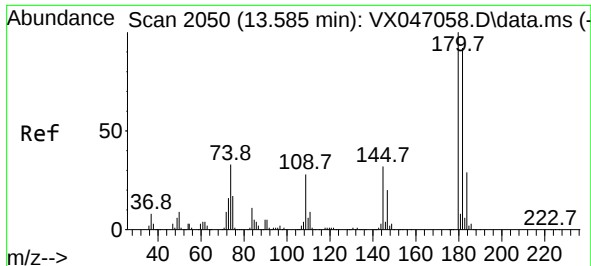


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.750 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047198.D
Acq: 31 Jul 2025 13:00



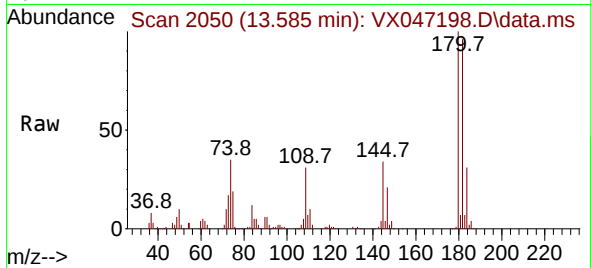
Tgt Ion: 75 Resp: 20383
Ion Ratio Lower Upper
75 100
155 80.9 41.3 124.1
157 102.1 52.8 158.3





#93
 1,2,4-Trichlorobenzene
 Concen: 19.648 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX047198.D
 Acq: 31 Jul 2025 13:00

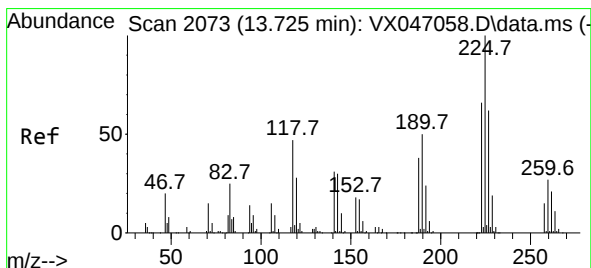
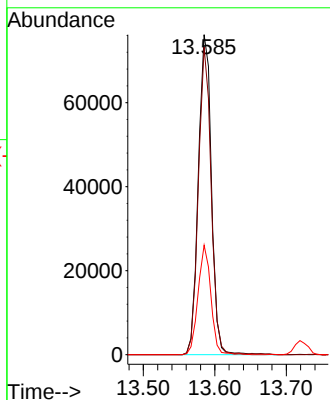
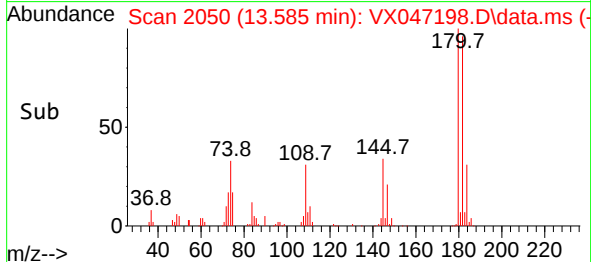
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS02



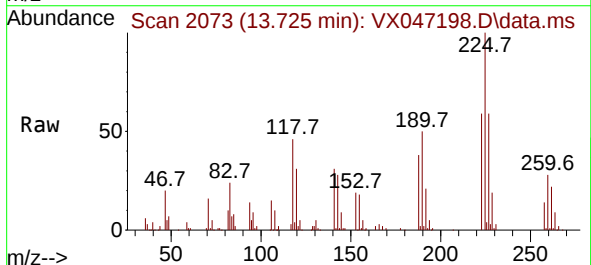
Tgt Ion:180 Resp: 9664
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 141.8
 145 33.5 16.4 49.1

Manual Integrations
 APPROVED

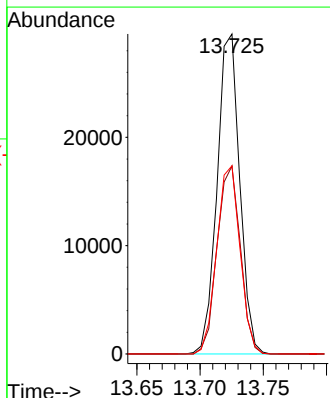
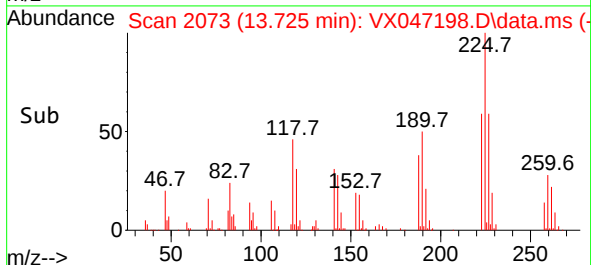
Reviewed By :John Carlone 08/01/2025
 Supervised By :Mahesh Dadoda 08/01/2025

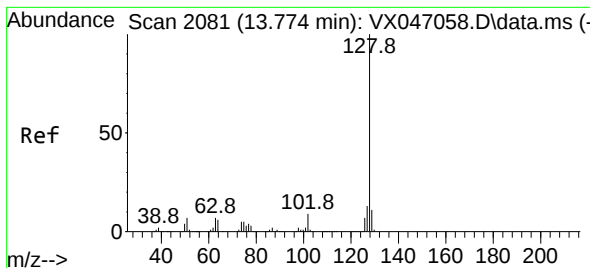


#94
 Hexachlorobutadiene
 Concen: 21.920 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX047198.D
 Acq: 31 Jul 2025 13:00



Tgt Ion:225 Resp: 36668
 Ion Ratio Lower Upper
 225 100
 223 60.1 31.6 95.0
 227 60.5 32.9 98.6





#95

Naphthalene

Concen: 20.988 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS02

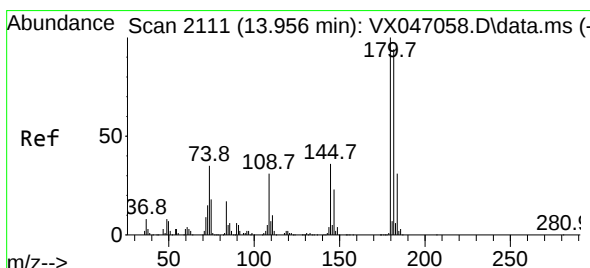
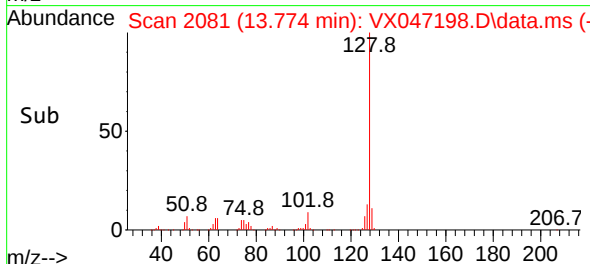
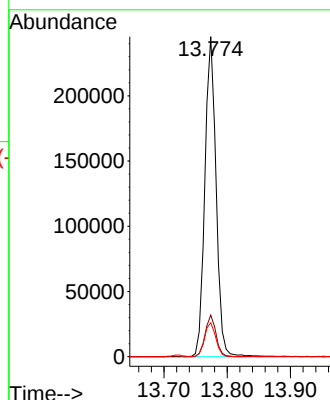
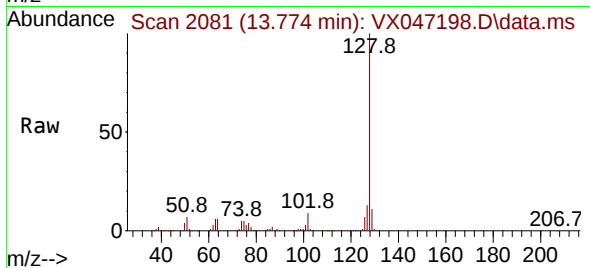
Tgt Ion:	128	Resp:	302630
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2025

Supervised By :Mahesh Dadoda 08/01/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.652 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047198.D

Acq: 31 Jul 2025 13:00

Tgt Ion:	180	Resp:	93126
Ion Ratio	Lower	Upper	
180	100		
182	97.0	46.9	140.6
145	34.1	17.3	52.0

