

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080725\
 Data File : VX047260.D
 Acq On : 07 Aug 2025 14:44
 Operator : JC/MD
 Sample : Q2786-04
 Misc : 4.60g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PL-03-08062025

Quant Time: Aug 08 02:44:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	389702	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	685816	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	562461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	272288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	242182	49.889	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.780%
35) Dibromofluoromethane	5.385	113	215861	50.977	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.960%
50) Toluene-d8	8.647	98	716252	52.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.460%
62) 4-Bromofluorobenzene	11.079	95	287288	48.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%

Target Compounds						Qvalue
5) Bromomethane	1.618	94	1635	0.547	ug/l #	75
6) Chloroethane	1.782	64	1577	0.436	ug/l #	49
10) Methyl Iodide	2.459	142	57171	11.345	ug/l	97
11) Tert butyl alcohol	2.947	59	337	Below Cal	#	72
13) Acrolein	2.209	56	671	0.642	ug/l #	1
14) Allyl chloride	2.825	41	843135	95.239	ug/l #	65
15) Acrylonitrile	3.105	53	42010	18.145	ug/l #	39
16) Acetone	2.337	43	46192	23.753	ug/l #	54
17) Carbon Disulfide	2.520	76	6064	0.428	ug/l	98
18) Methyl Acetate	2.782	43	348293	67.394	ug/l #	54
20) Methylene Chloride	2.788	84	6165	1.152	ug/l #	1
23) Vinyl Acetate	3.447	43	166686	12.210	ug/l #	50
25) 2-Butanone	4.453	43	21286	7.517	ug/l #	52
30) Chloroform	5.160	83	104341	10.830	ug/l #	37
31) Cyclohexane	5.501	56	513588	56.593	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	33003	4.572	ug/l #	51
38) Carbon Tetrachloride	5.550	117	41035	5.327	ug/l #	16
39) Methylcyclohexane	7.379	83	570321	63.284	ug/l	94
41) Methacrylonitrile	4.952	41	23390	6.726	ug/l #	54
43) Isopropyl Acetate	6.349	43	35412	3.415	ug/l #	63
45) 1,2-Dichloropropane	7.379	63	7372	1.409	ug/l #	1
46) Dibromomethane	7.562	93	3012	0.821	ug/l #	1
47) Bromodichloromethane	7.769	83	39205	5.020	ug/l #	49
48) Methyl methacrylate	7.653	41	110817	19.619	ug/l #	54
49) 1,4-Dioxane	7.550	88	30	0.467	ug/l #	1
51) 4-Methyl-2-Pentanone	8.616	43	246146	39.939	ug/l #	77
55) 1,1,2-Trichloroethane	9.098	97	257125	53.380	ug/l #	18
56) Ethyl methacrylate	9.098	69	88113	12.356	ug/l #	6
58) 2-Chloroethyl Vinyl ether	8.190	63	3285	0.828	ug/l #	47
59) 2-Hexanone	9.385	43	453168	111.293	ug/l #	31
61) 1,2-Dibromoethane	9.610	107	1163	0.231	ug/l #	1
65) Chlorobenzene	10.013	112	7128	0.541	ug/l #	62
67) Ethyl Benzene	10.195	91	203874	8.849	ug/l	99
68) m/p-Xylenes	10.299	106	90155	10.457	ug/l	98
69) o-Xylene	10.640	106	5112	0.623	ug/l	85
73) Isopropylbenzene	10.964	105	503080	23.419	ug/l	100

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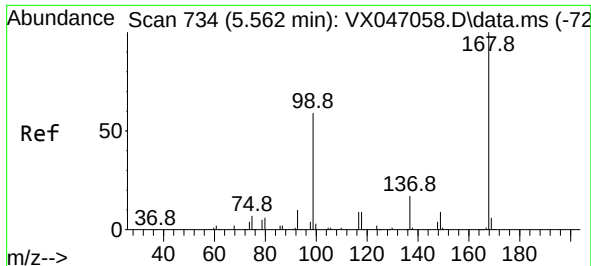
Instrument :
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 ClientSampleId :
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Quant Time: Aug 08 02:44:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

74) N-amyl acetate	10.854	43	209465	24.167	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	11.189	83	58885	9.596	ug/l #	72
76) 1,2,3-Trichloropropane	11.305	75	12543	2.489	ug/l #	1
78) n-propylbenzene	11.305	91	1944692	75.756	ug/l	100
79) 2-Chlorotoluene	11.305	91	1944692	126.731	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	384878	21.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.964	75	6499	3.322	ug/l #	1
82) 4-Chlorotoluene	11.305	91	1944692	108.575	ug/l #	47
83) tert-Butylbenzene	11.713	119	22743	1.277	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	482718	27.270	ug/l	99
85) sec-Butylbenzene	11.890	105	443050	19.907	ug/l	94
86) p-Isopropyltoluene	12.006	119	104745	5.675	ug/l	97
89) n-Butylbenzene	12.329	91	1238658	71.563	ug/l #	77
90) Hexachloroethane	12.530	117	37473	11.349	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.957	75	3152	2.676	ug/l #	11
94) Hexachlorobutadiene	13.719	225	883	0.420	ug/l	89
95) Naphthalene	13.774	128	347893	19.196	ug/l #	96

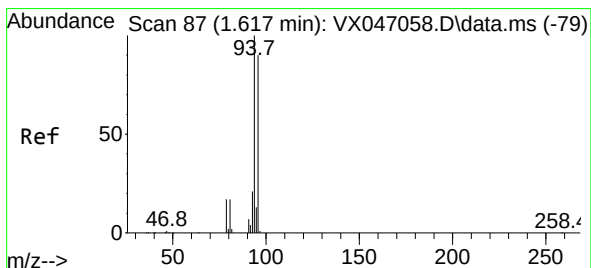
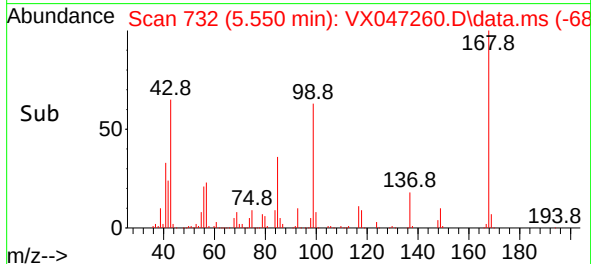
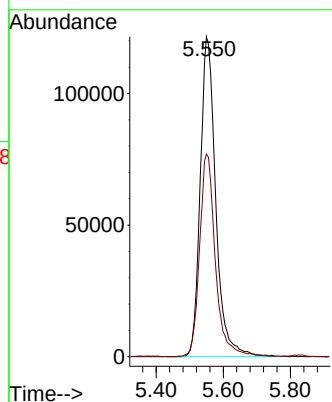
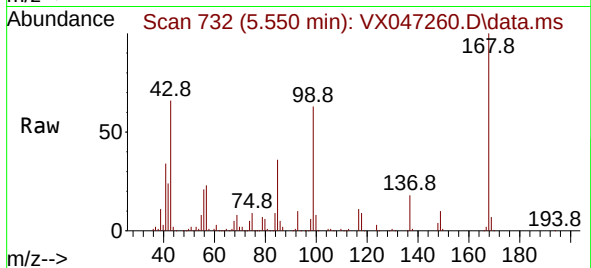
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
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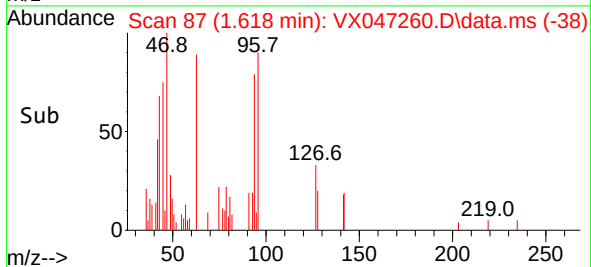
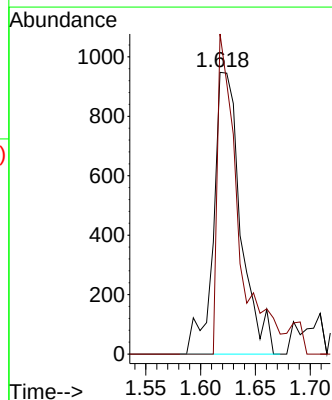
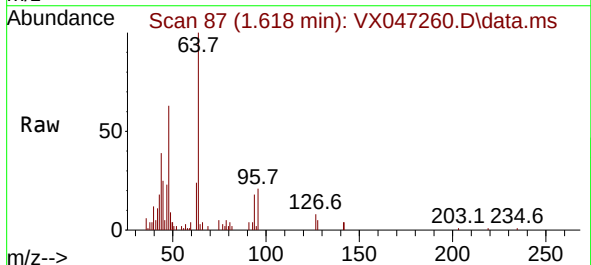
Instrument :
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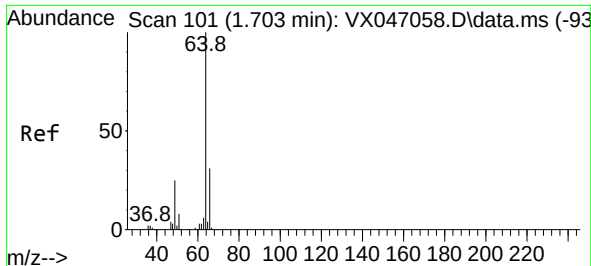
Tgt Ion:168 Resp: 389702
Ion Ratio Lower Upper
168 100
99 63.2 48.0 72.0



#5
Bromomethane
Concen: 0.547 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 94 Resp: 1635
Ion Ratio Lower Upper
94 100
96 113.6 72.3 108.5

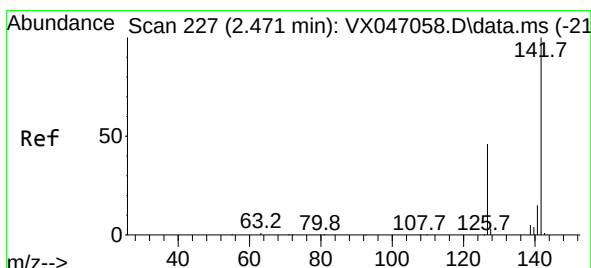
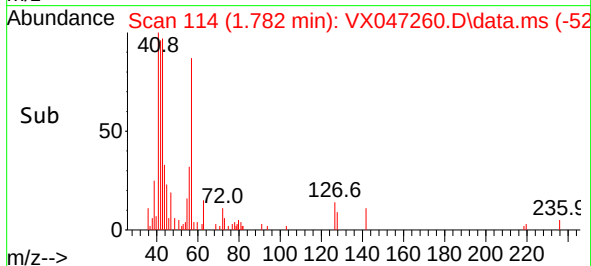
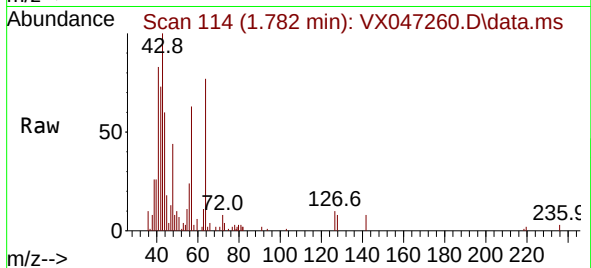




#6
Chloroethane
Concen: 0.436 ug/l
RT: 1.782 min Scan# 114
Delta R.T. 0.080 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

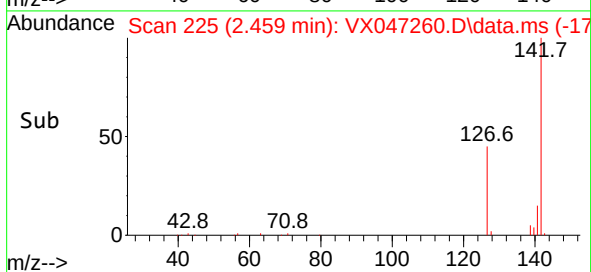
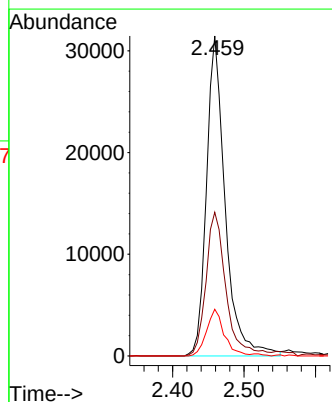
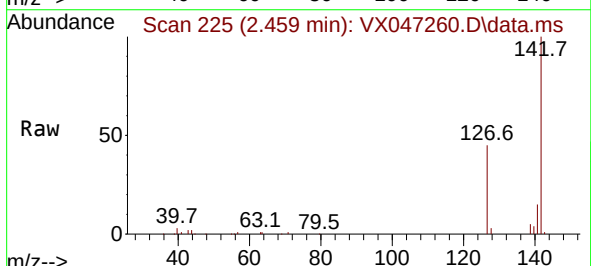
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ClientSampleId :
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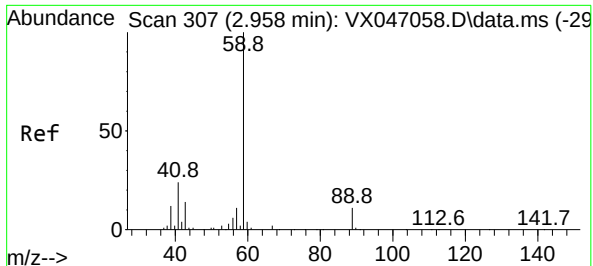
Tgt Ion: 64 Resp: 1577
Ion Ratio Lower Upper
64 100
66 3.2 25.0 37.6#



#10
Methyl Iodide
Concen: 11.345 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion:142 Resp: 57171
Ion Ratio Lower Upper
142 100
127 48.0 36.6 54.8
141 13.8 10.9 16.3

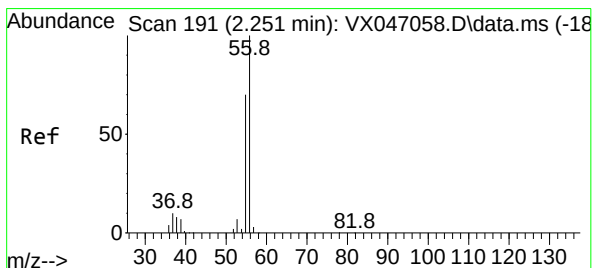
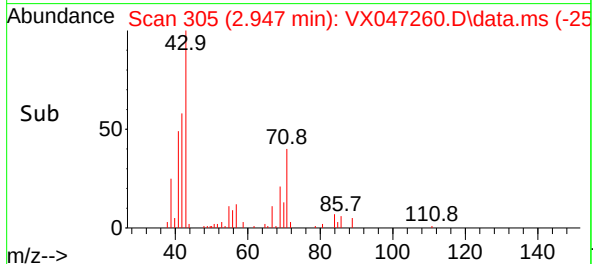
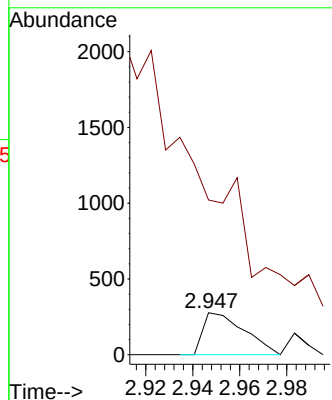
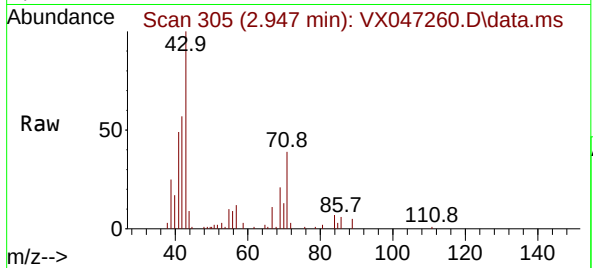




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 307
Delta R.T. -0.011 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

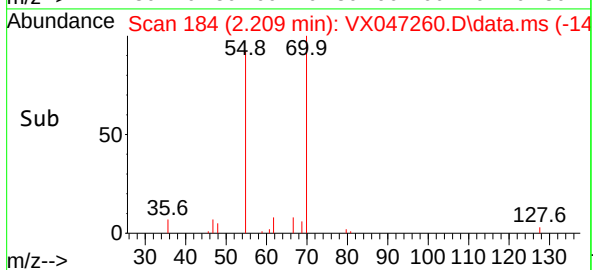
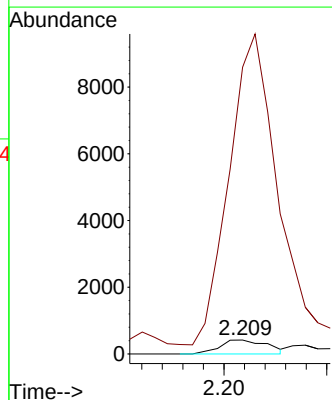
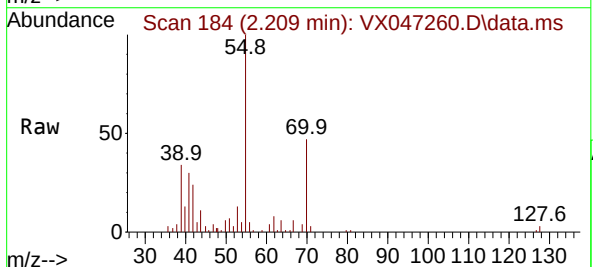
Instrument :
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ClientSampleId :
PL-03-08062025

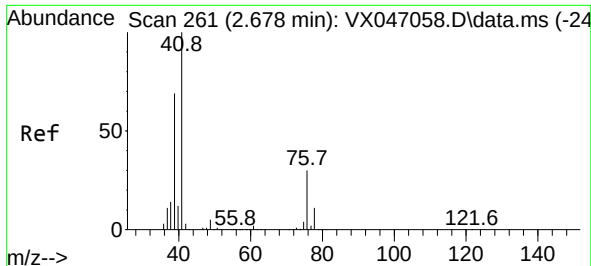
Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.642 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.042 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 56 Resp: 671
Ion Ratio Lower Upper
56 100
55 2566.5 55.7 83.5#

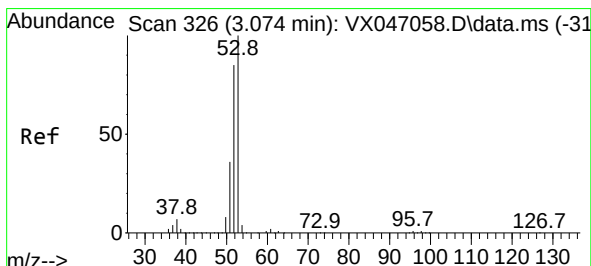
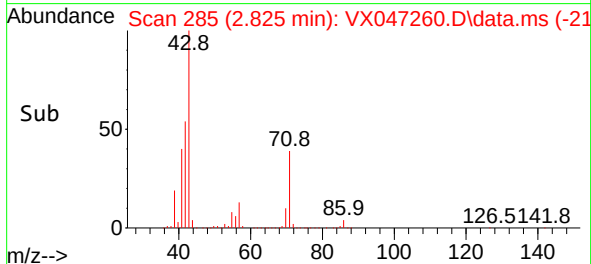
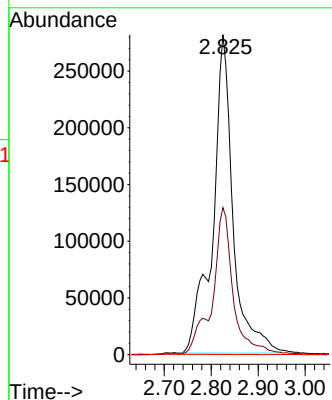
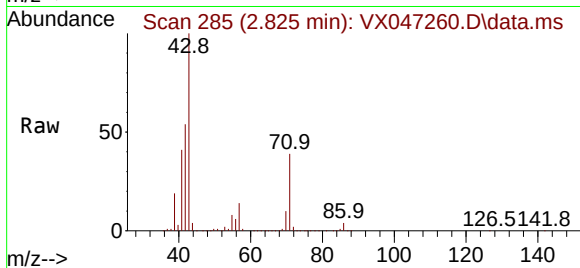




#14
 Allyl chloride
 Concen: 95.239 ug/l
 RT: 2.825 min Scan# 21
 Delta R.T. 0.147 min
 Lab File: VX047260.D
 Acq: 07 Aug 2025 14:44

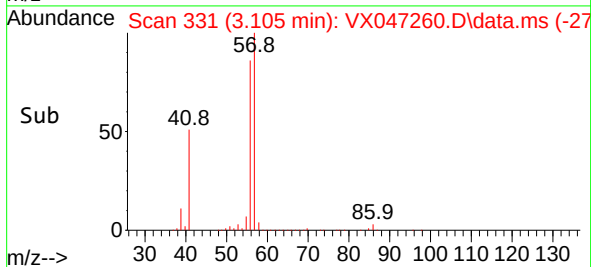
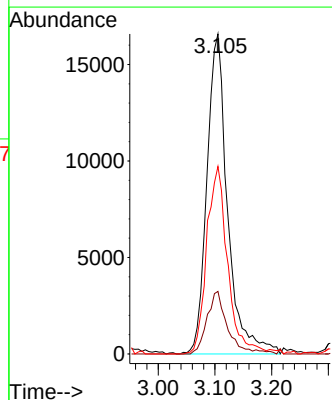
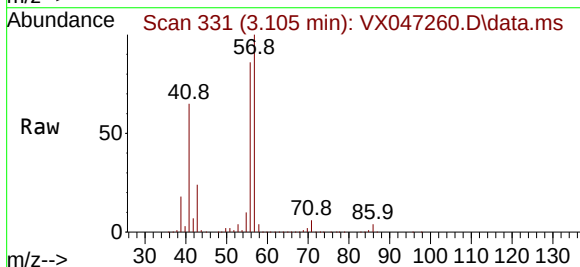
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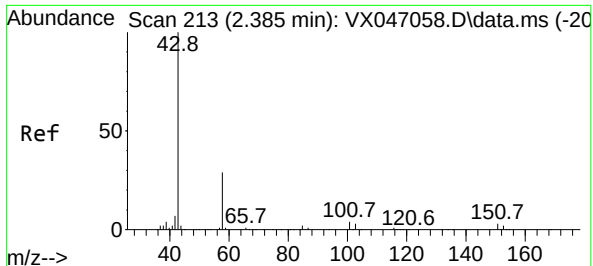
Tgt Ion: 41 Resp: 843135
 Ion Ratio Lower Upper
 41 100
 39 46.4 52.6 78.8#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 18.145 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.031 min
 Lab File: VX047260.D
 Acq: 07 Aug 2025 14:44

Tgt Ion: 53 Resp: 42010
 Ion Ratio Lower Upper
 53 100
 52 19.5 65.7 98.5#
 51 58.9 28.8 43.2#

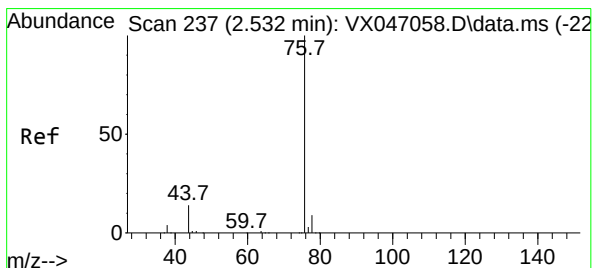
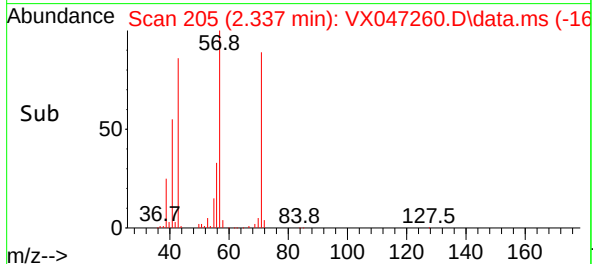
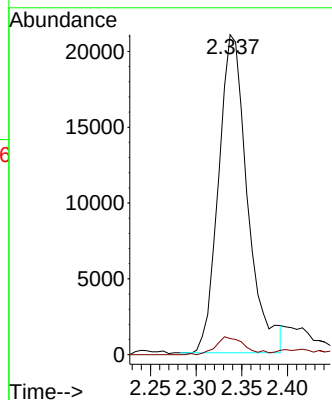
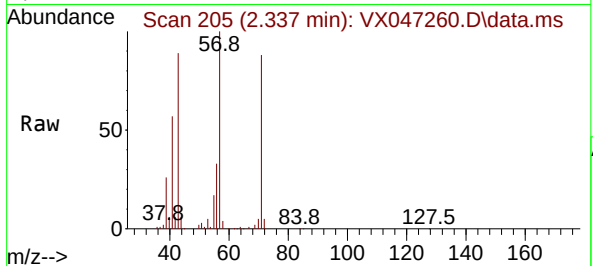




#16
Acetone
Concen: 23.753 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.048 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

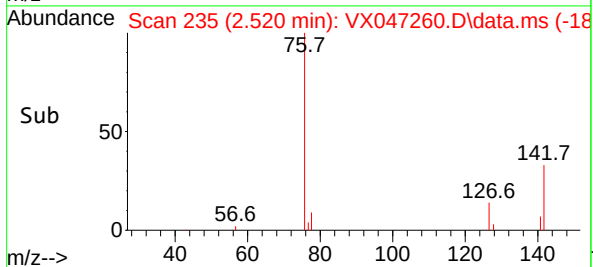
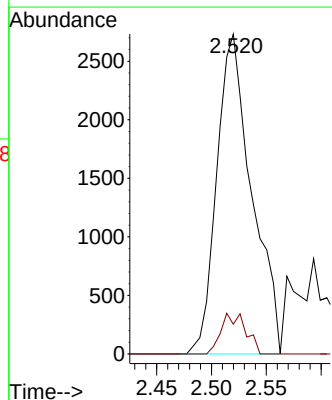
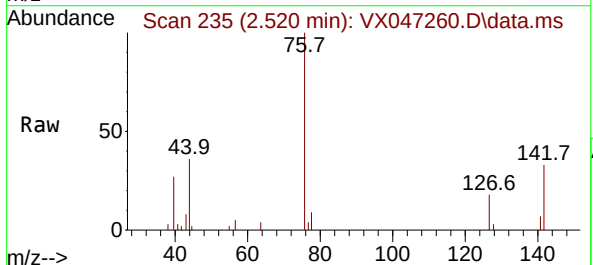
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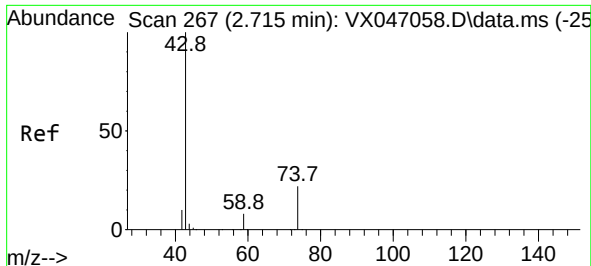
Tgt Ion: 43 Resp: 46192
Ion Ratio Lower Upper
43 100
58 5.1 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.428 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.012 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 76 Resp: 6064
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

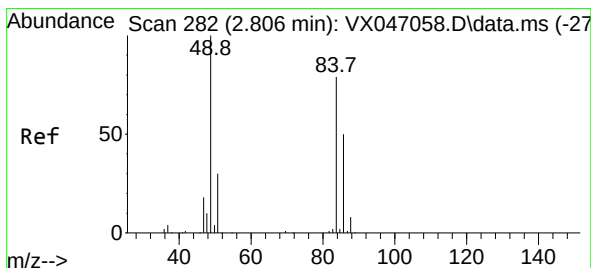
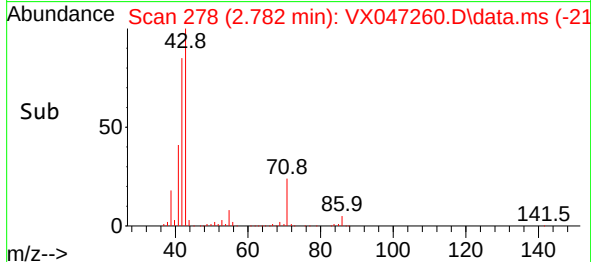
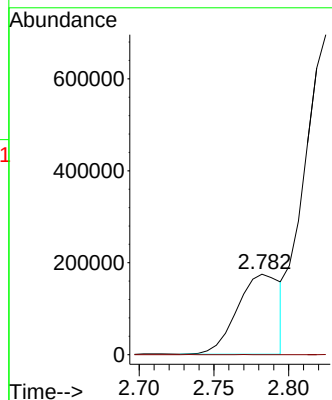
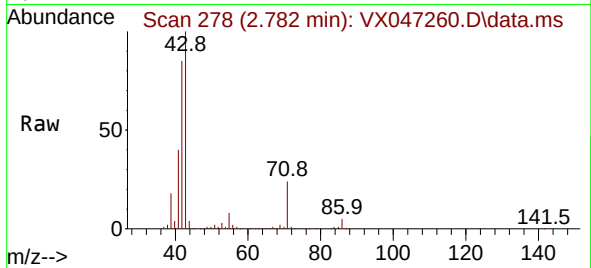




#18
Methyl Acetate
Concen: 67.394 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.068 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

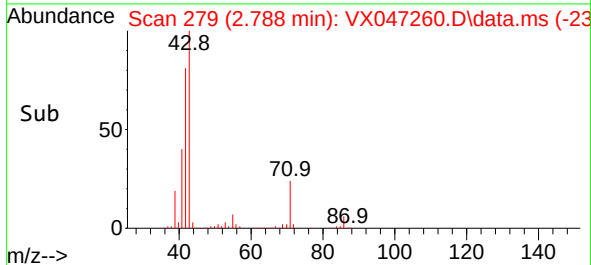
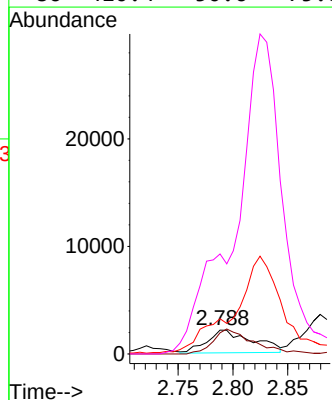
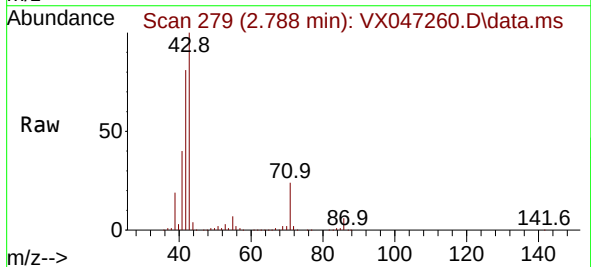
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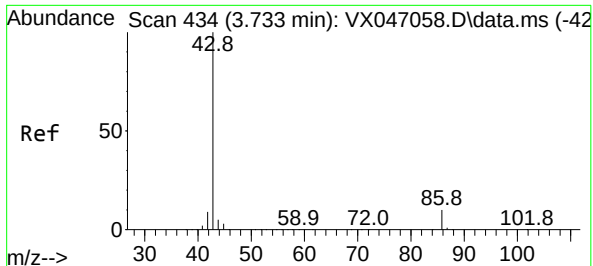
Tgt Ion: 43 Resp: 348293
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.018 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 84 Resp: 6165
Ion Ratio Lower Upper
84 100
49 96.9 101.6 152.4#
51 142.1 30.3 45.5#
86 410.4 50.6 75.8#

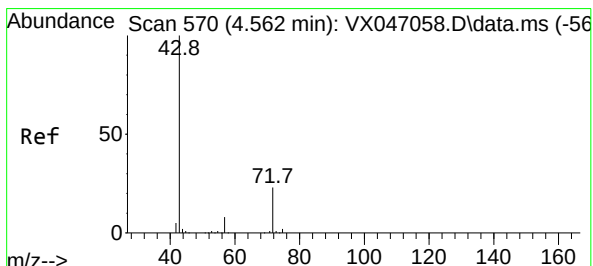
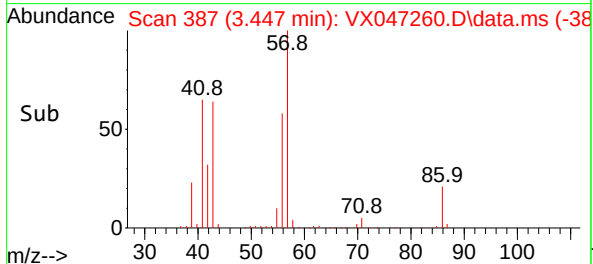
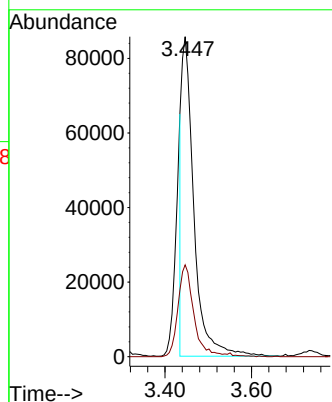
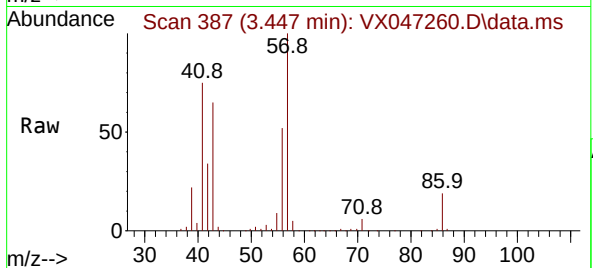




#23
 Vinyl Acetate
 Concen: 12.210 ug/l
 RT: 3.447 min Scan# 31
 Delta R.T. -0.286 min
 Lab File: VX047260.D
 Acq: 07 Aug 2025 14:44

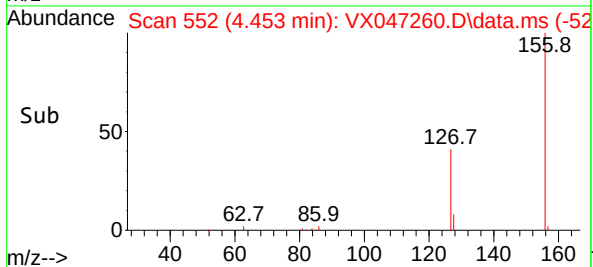
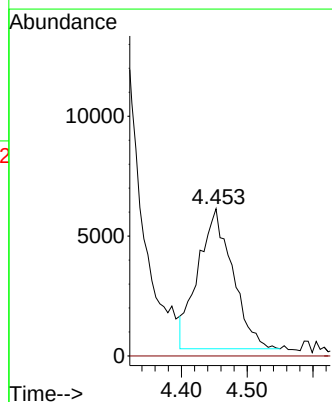
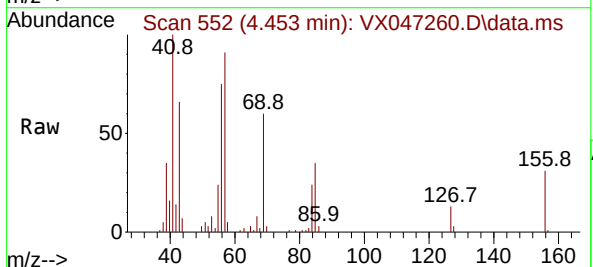
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-03-08062025

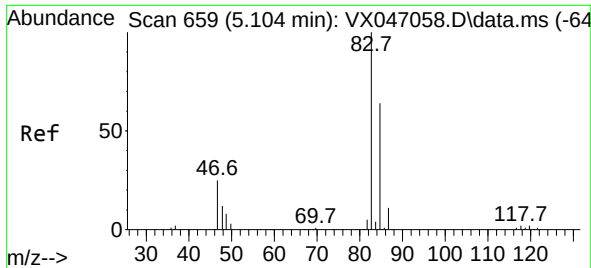
Tgt Ion: 43 Resp: 166686
 Ion Ratio Lower Upper
 43 100
 86 28.7 8.1 12.1#



#25
 2-Butanone
 Concen: 7.517 ug/l
 RT: 4.453 min Scan# 552
 Delta R.T. -0.109 min
 Lab File: VX047260.D
 Acq: 07 Aug 2025 14:44

Tgt Ion: 43 Resp: 21286
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.8 28.2#

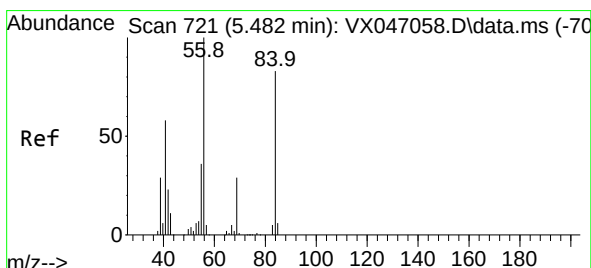
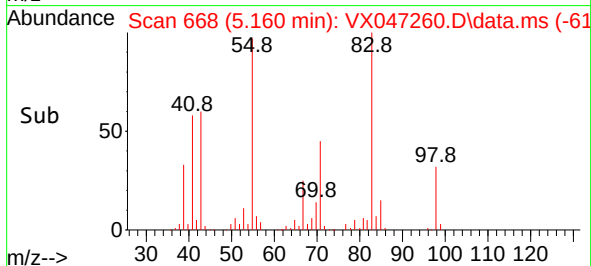
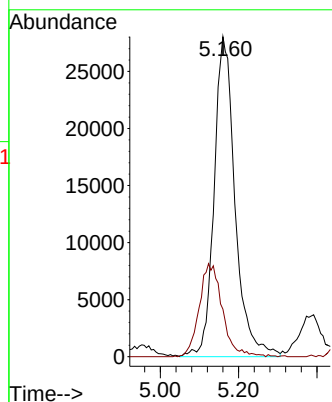
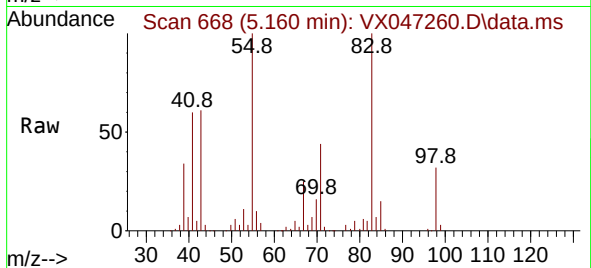




#30
Chloroform
Concen: 10.830 ug/l
RT: 5.160 min Scan# 610
Delta R.T. 0.055 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

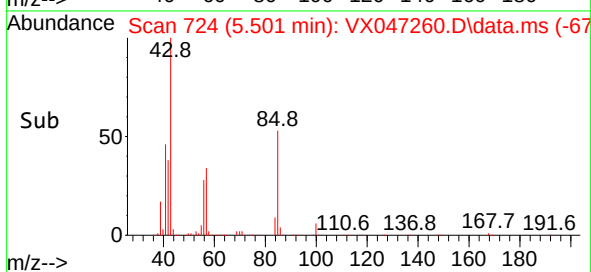
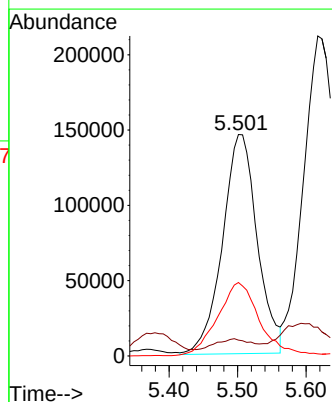
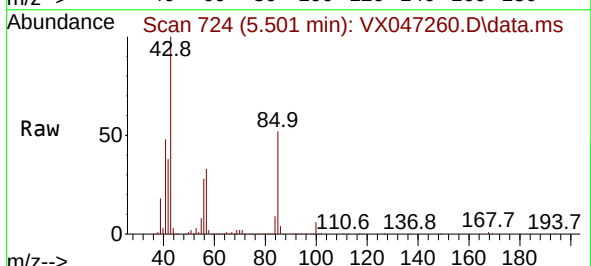
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

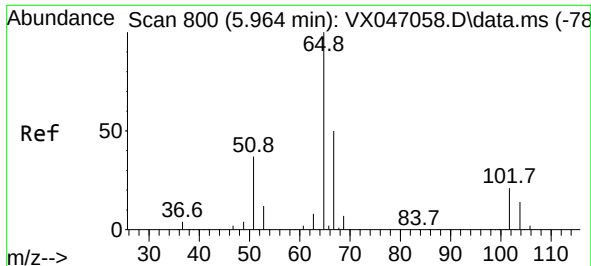
Tgt Ion: 83 Resp: 104341
Ion Ratio Lower Upper
83 100
85 14.6 50.9 76.3#



#31
Cyclohexane
Concen: 56.593 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.019 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 56 Resp: 513588
Ion Ratio Lower Upper
56 100
69 2.3 23.3 34.9#
84 33.1 66.5 99.7#

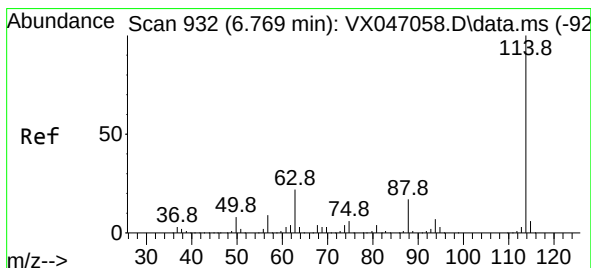
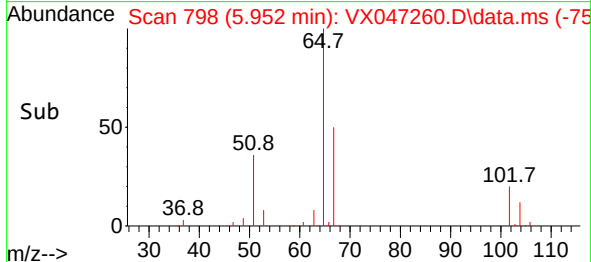
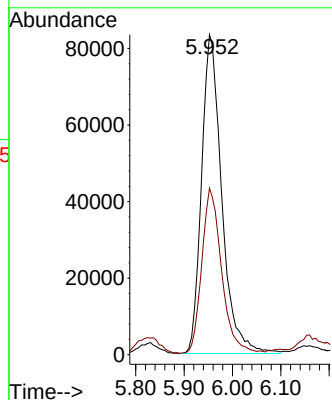
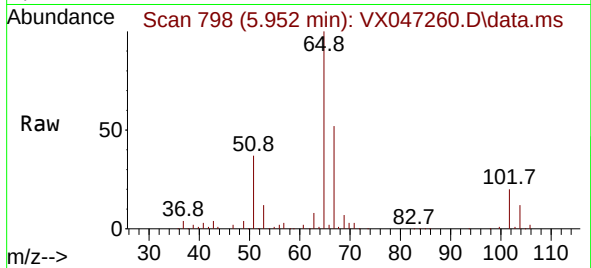




#33
 1,2-Dichloroethane-d4
 Concen: 49.889 ug/l
 RT: 5.952 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: VX047260.D
 Acq: 07 Aug 2025 14:44

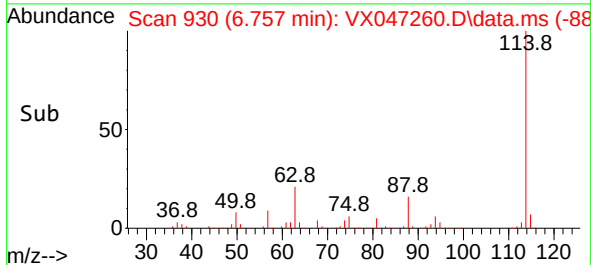
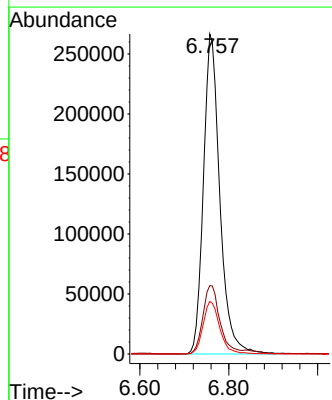
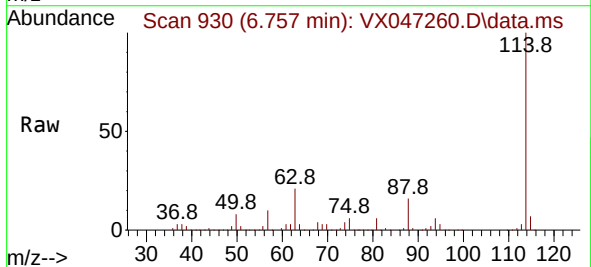
Instrument :
 MSVOA_X
 ClientSampleId :
 PL-03-08062025

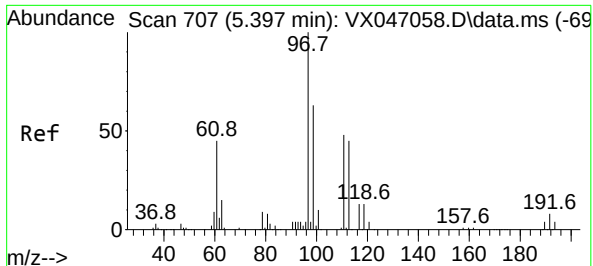
Tgt Ion: 65 Resp: 242182
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.012 min
 Lab File: VX047260.D
 Acq: 07 Aug 2025 14:44

Tgt Ion: 114 Resp: 685816
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.977 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

PL-03-08062025

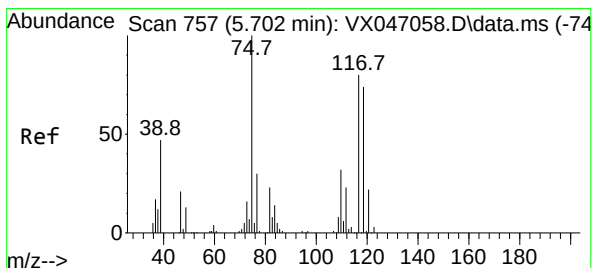
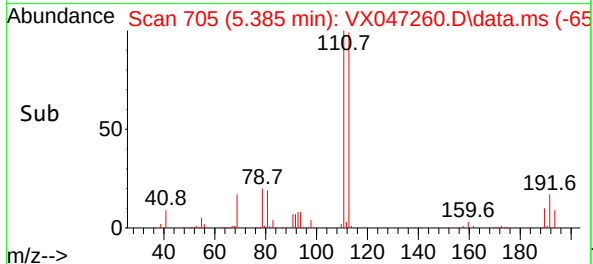
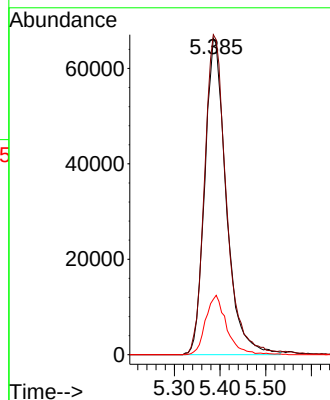
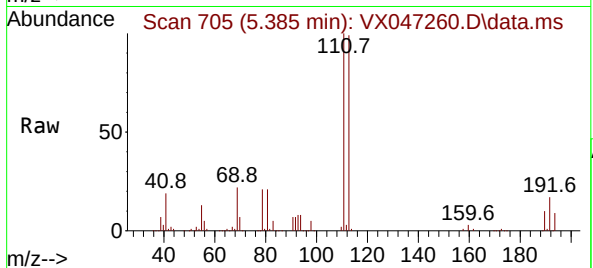
Tgt Ion:113 Resp: 215861

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.572 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

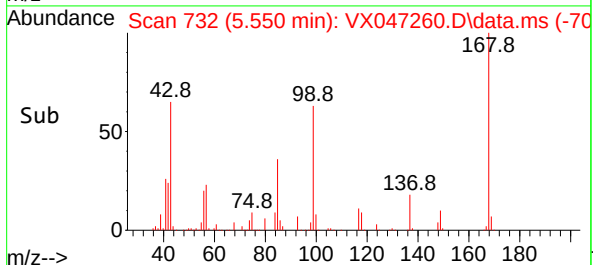
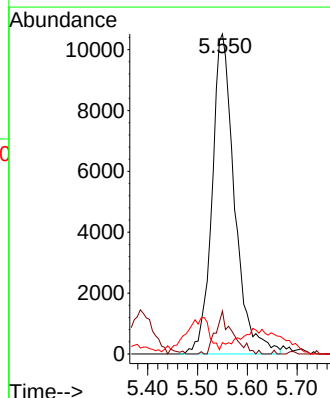
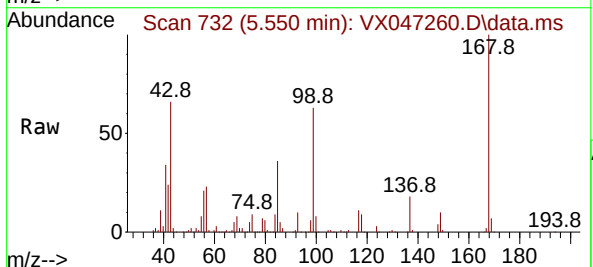
Tgt Ion: 75 Resp: 33003

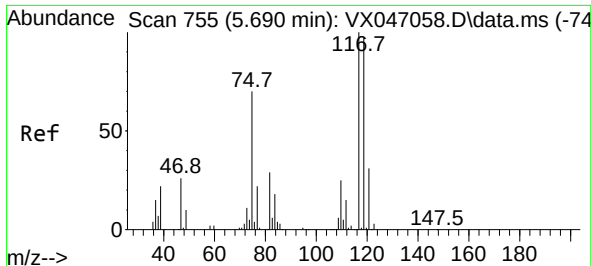
Ion Ratio Lower Upper

75 100

110 10.0 17.2 51.5#

77 0.0 25.1 37.7#

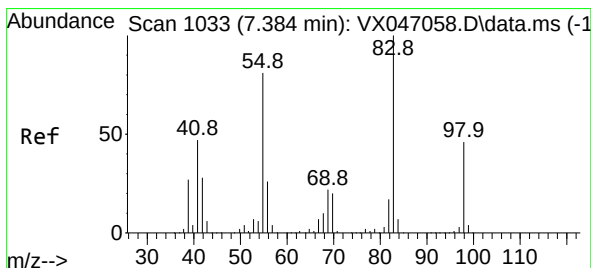
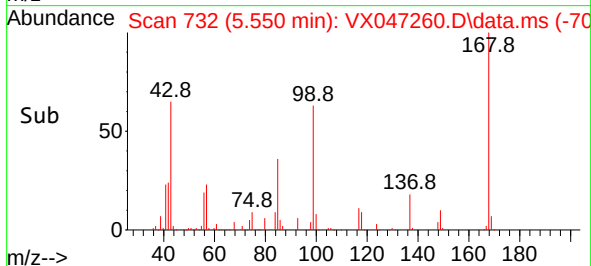
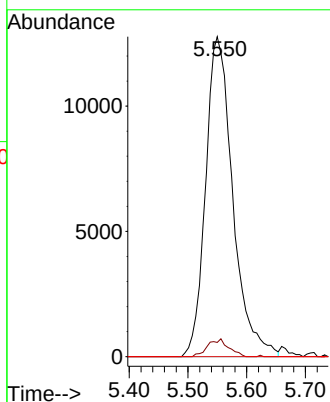
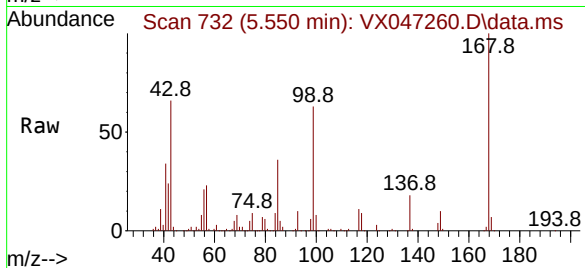




#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

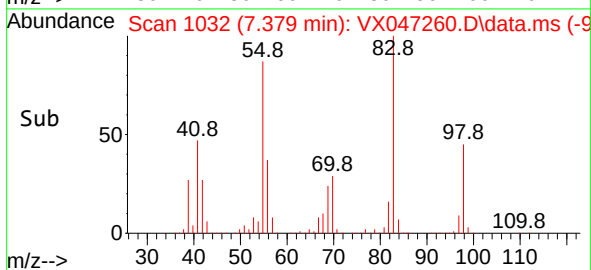
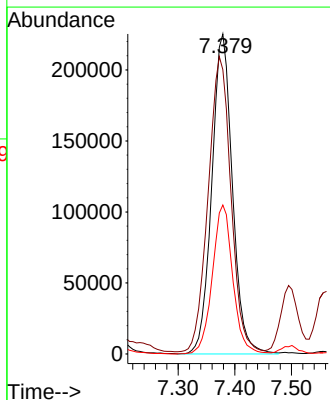
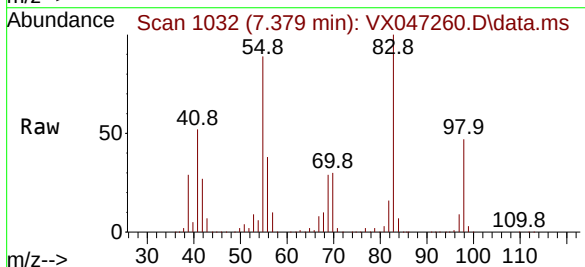
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

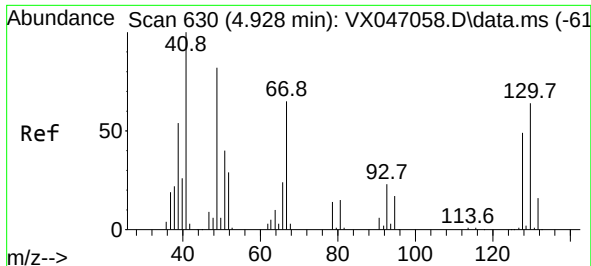
Tgt Ion:117 Resp: 41035
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 63.284 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 83 Resp: 570321
Ion Ratio Lower Upper
83 100
55 88.1 64.5 96.7
98 46.5 36.9 55.3

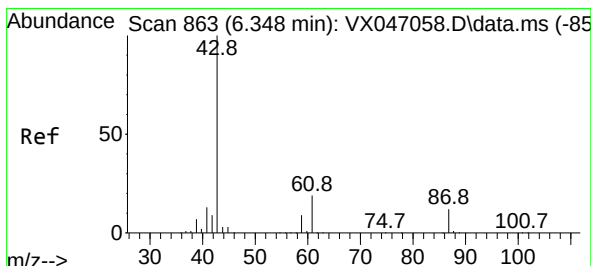
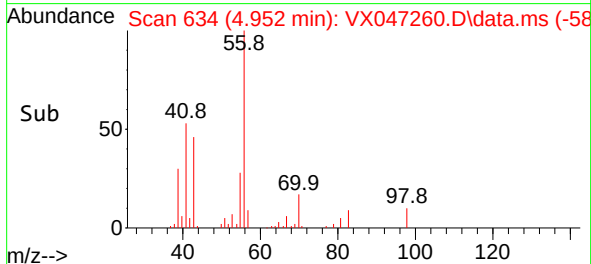
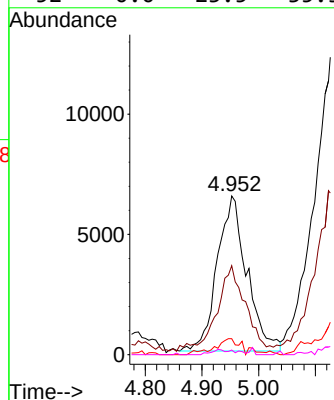
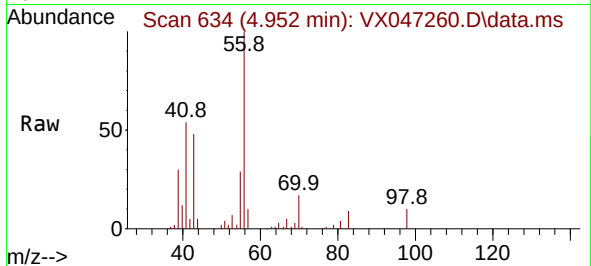




#41
Methacrylonitrile
Concen: 6.726 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.025 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

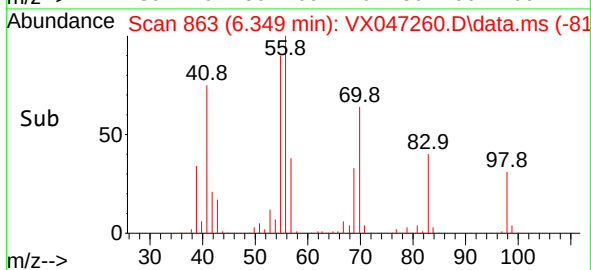
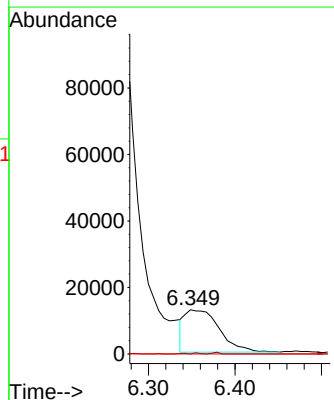
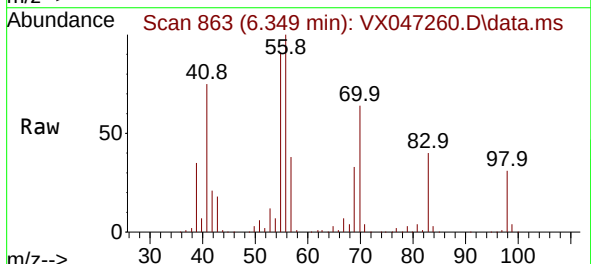
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

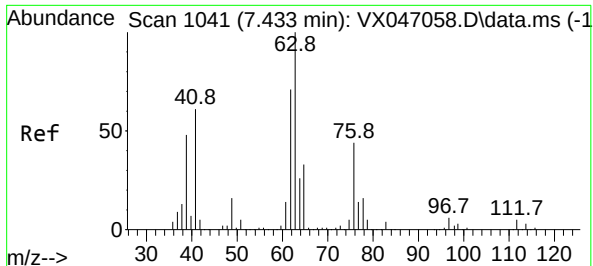
Tgt Ion: 41	Resp: 23390
Ion Ratio	Lower Upper
41 100	
39 52.8	44.2 66.2
67 8.5	56.4 84.6#
52 0.0	23.5 35.3#



#43
Isopropyl Acetate
Concen: 3.415 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 43	Resp: 35412
Ion Ratio	Lower Upper
43 100	
61 0.5	15.1 22.7#
87 0.0	9.7 14.5#





#45

1,2-Dichloropropane

Concen: 1.409 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.054 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

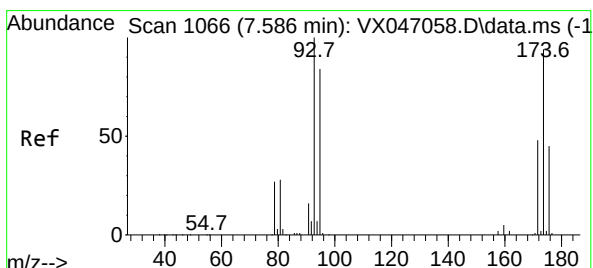
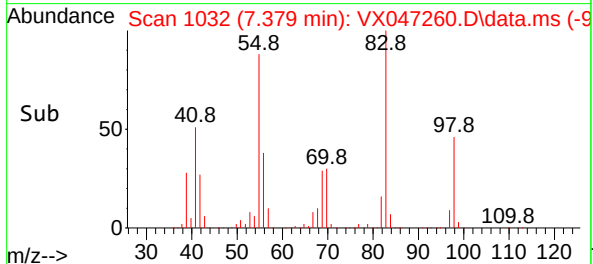
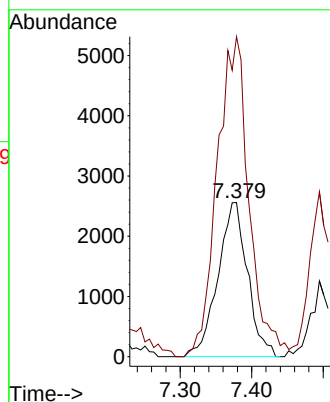
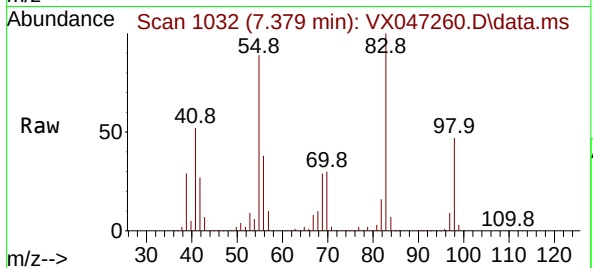
PL-03-08062025

Tgt Ion: 63 Resp: 7372

Ion Ratio Lower Upper

63 100

65 207.7 26.3 39.5#



#46

Dibromomethane

Concen: 0.821 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.024 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

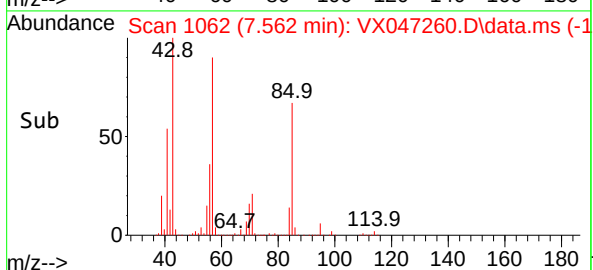
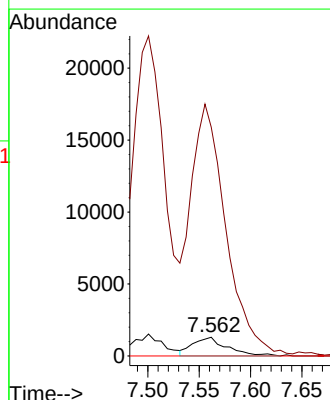
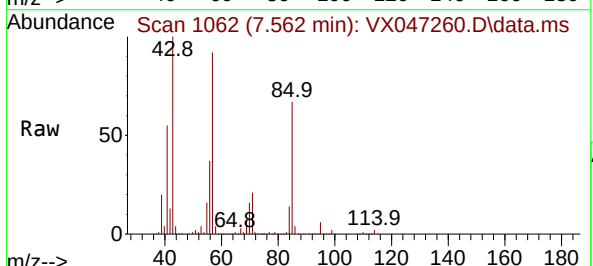
Tgt Ion: 93 Resp: 3012

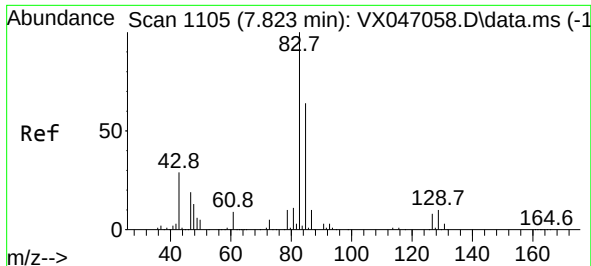
Ion Ratio Lower Upper

93 100

95 1355.8 65.9 98.9#

174 0.0 74.6 112.0#

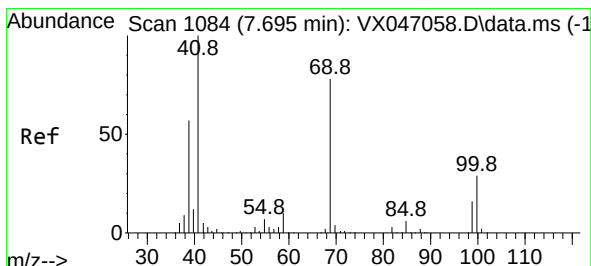
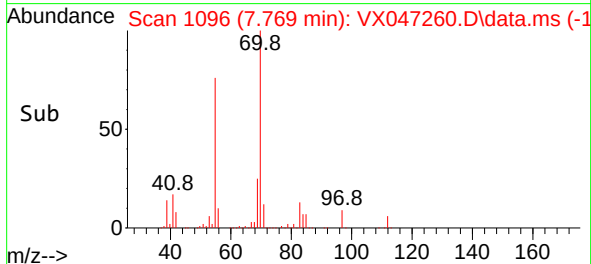
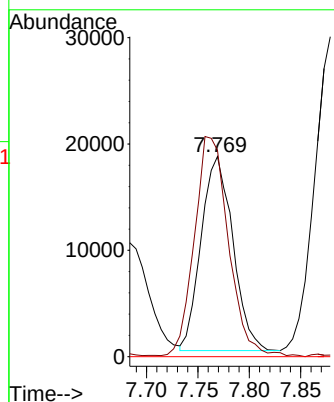
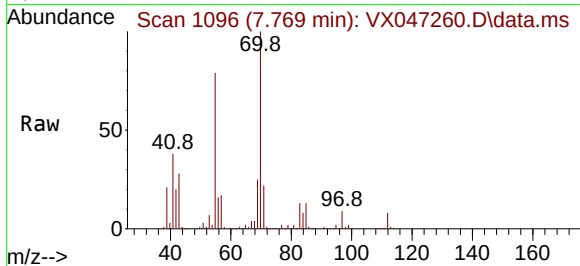




#47
Bromodichloromethane
Concen: 5.020 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. -0.054 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

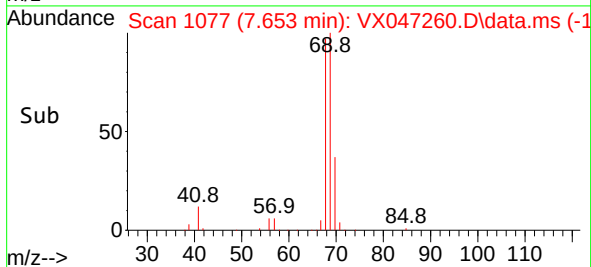
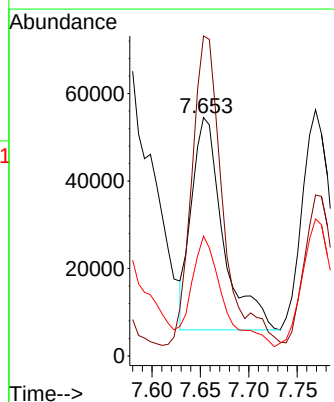
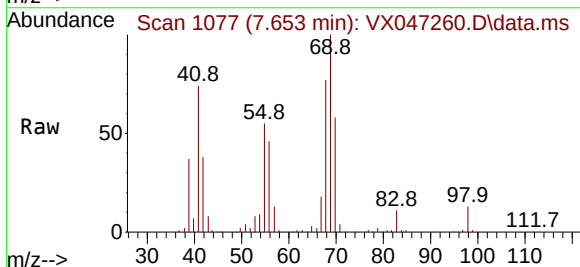
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

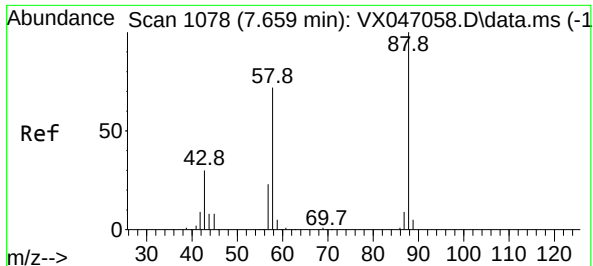
Tgt Ion: 83 Resp: 39205
Ion Ratio Lower Upper
83 100
85 104.3 49.9 74.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 19.619 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.042 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 41 Resp: 110817
Ion Ratio Lower Upper
41 100
69 143.2 62.3 93.5#
39 51.7 44.8 67.2





#49

1,4-Dioxane

Concen: 0.467 ug/l

RT: 7.550 min Scan# 1060

Delta R.T. -0.109 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

PL-03-08062025

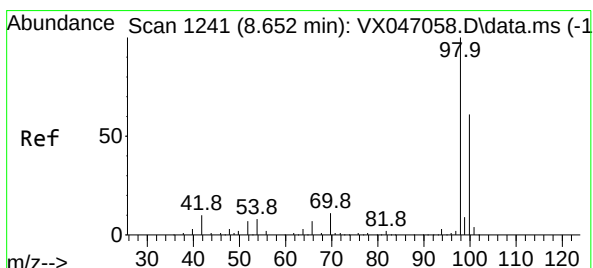
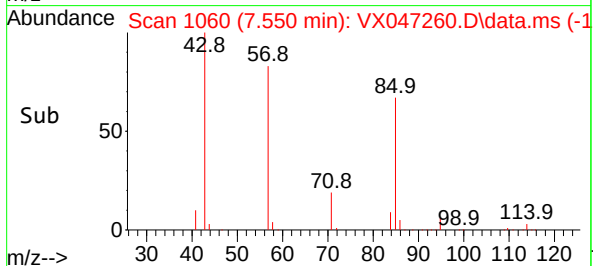
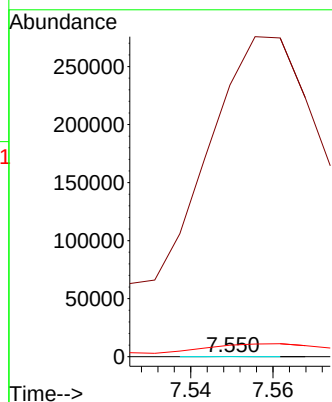
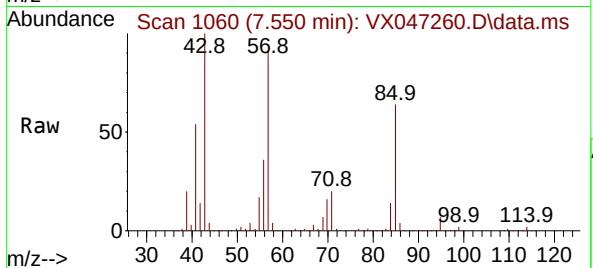
Tgt Ion: 88 Resp: 30

Ion Ratio Lower Upper

88 100

43 2238970.0 33.6 50.4#

58 121220.0 58.8 88.2#



#50

Toluene-d8

Concen: 52.231 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047260.D

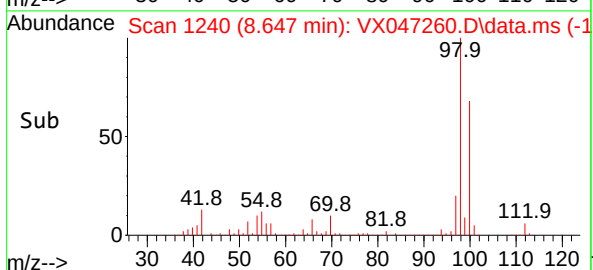
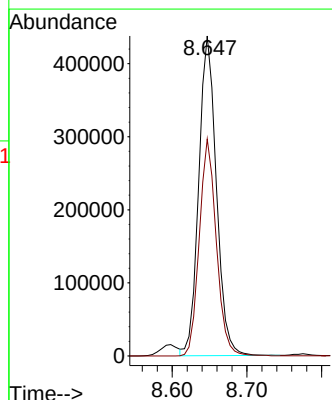
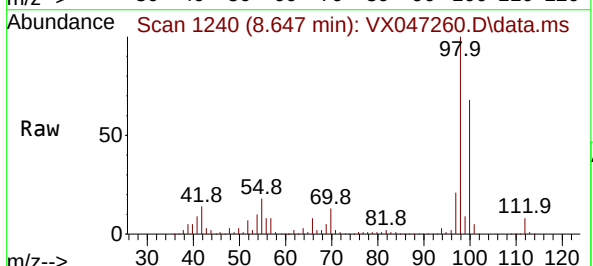
Acq: 07 Aug 2025 14:44

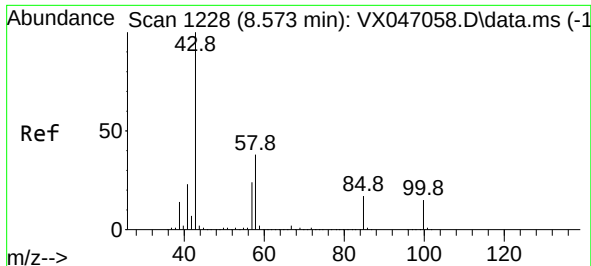
Tgt Ion: 98 Resp: 716252

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9

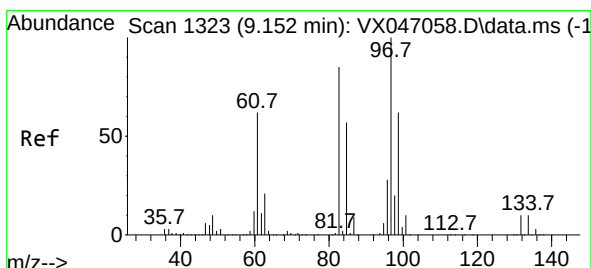
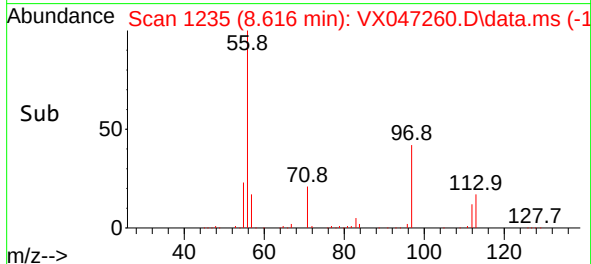
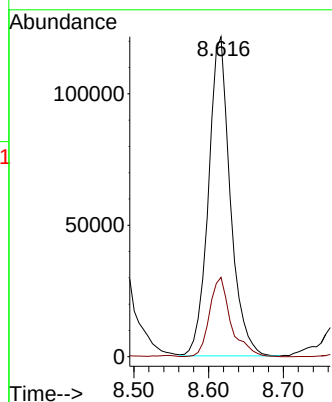
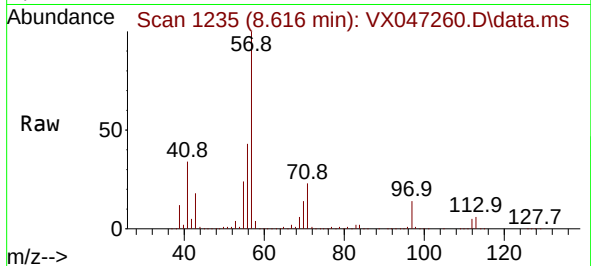




#51
4-Methyl-2-Pentanone
Concen: 39.939 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.043 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

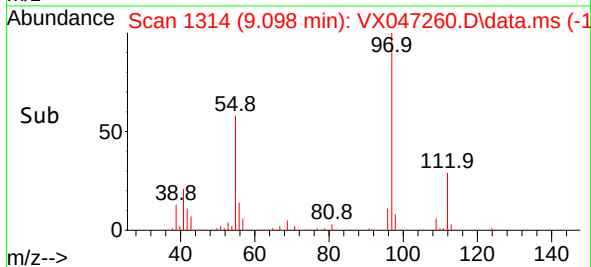
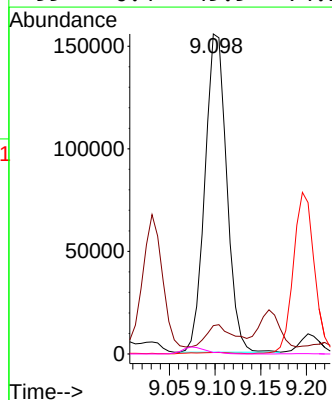
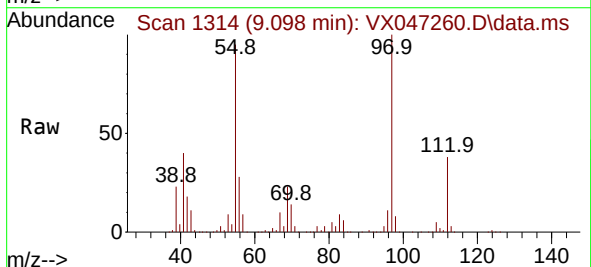
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

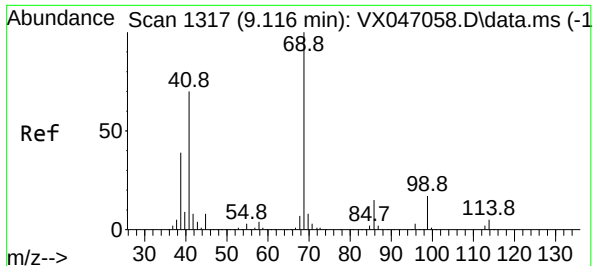
Tgt Ion: 43 Resp: 246146
Ion Ratio Lower Upper
43 100
58 24.4 30.6 45.8#



#55
1,1,2-Trichloroethane
Concen: 53.380 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.054 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 97 Resp: 257125
Ion Ratio Lower Upper
97 100
83 6.4 68.0 102.0#
85 0.2 45.2 67.8#
99 0.4 49.9 74.9#

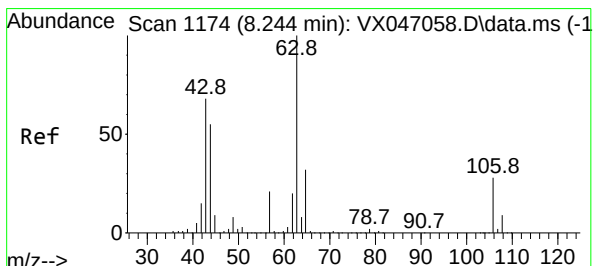
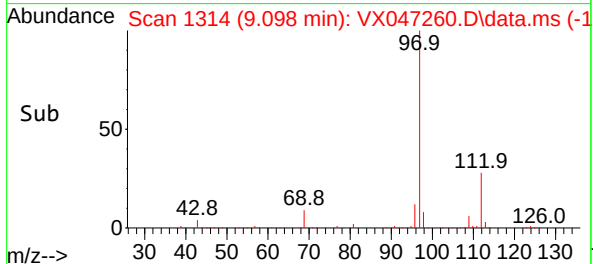
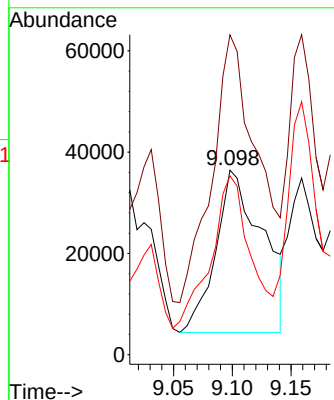
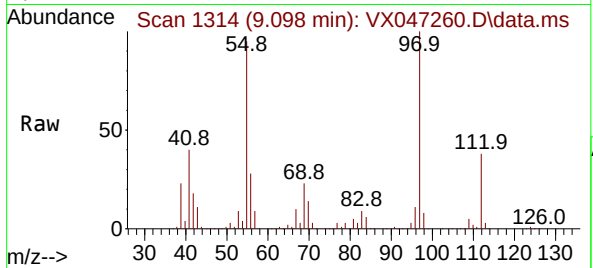




#56
Ethyl methacrylate
Concen: 12.356 ug/l
RT: 9.098 min Scan# 1165
Delta R.T. -0.018 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

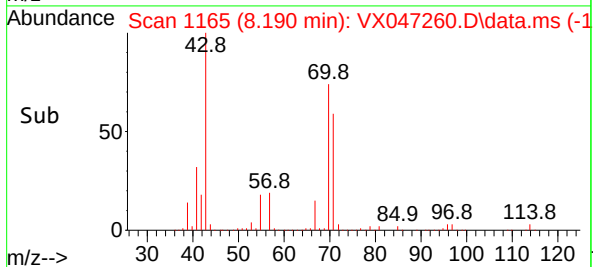
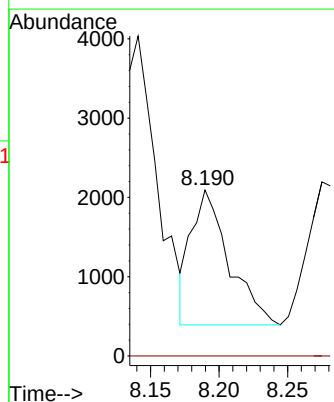
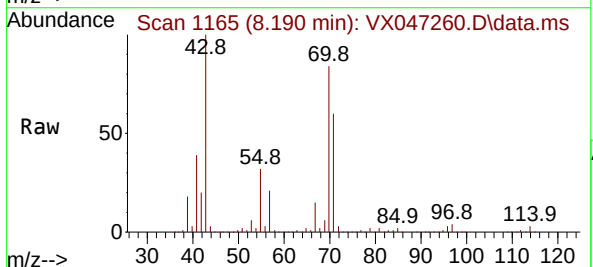
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

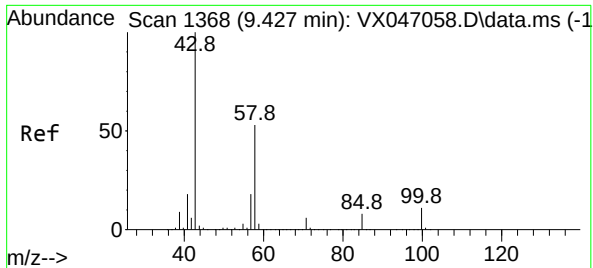
Tgt Ion: 69 Resp: 88113
Ion Ratio Lower Upper
69 100
41 160.4 56.1 84.1#
39 79.0 31.1 46.7#



#58
2-Chloroethyl Vinyl ether
Concen: 0.828 ug/l
RT: 8.190 min Scan# 1165
Delta R.T. -0.054 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 63 Resp: 3285
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.4#





#59

2-Hexanone

Concen: 111.293 ug/l

RT: 9.385 min Scan# 11

Delta R.T. -0.042 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

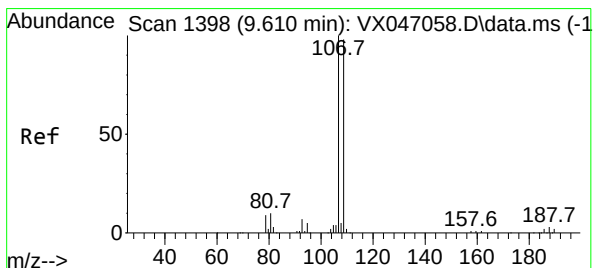
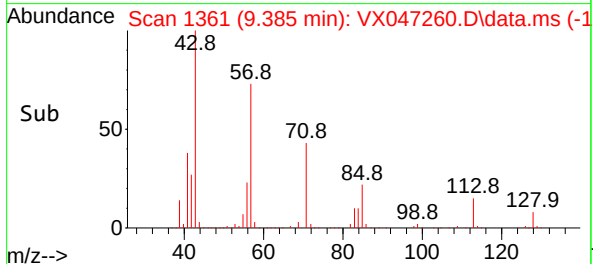
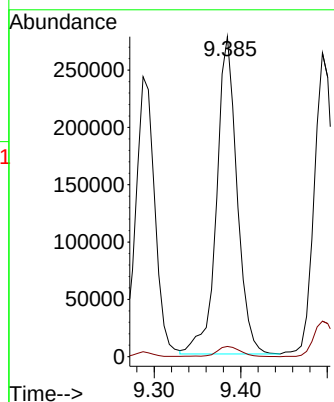
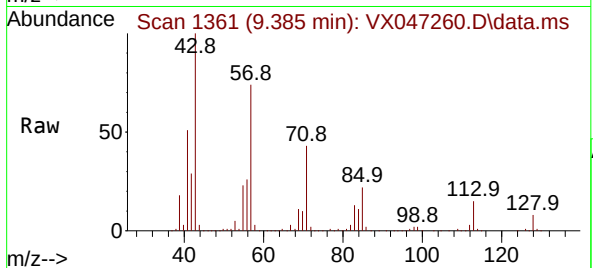
PL-03-08062025

Tgt Ion: 43 Resp: 453168

Ion Ratio Lower Upper

43 100

58 3.9 26.5 79.5#



#61

1,2-Dibromoethane

Concen: 0.231 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.001 min

Lab File: VX047260.D

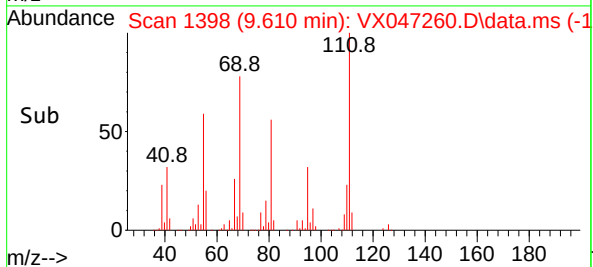
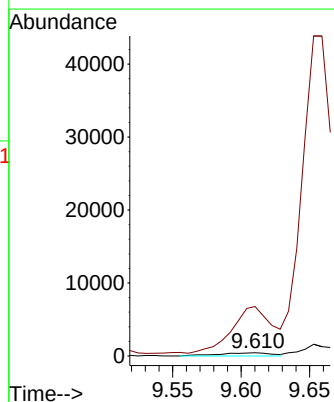
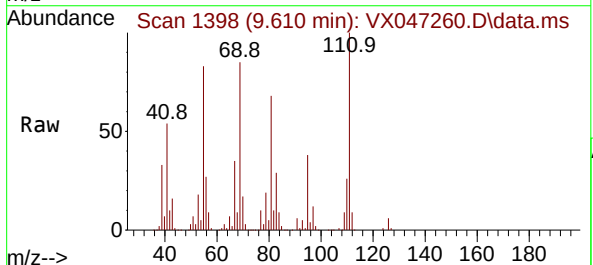
Acq: 07 Aug 2025 14:44

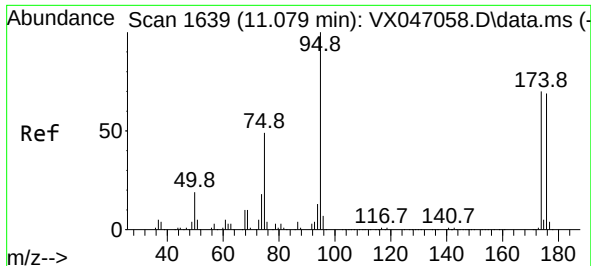
Tgt Ion:107 Resp: 1163

Ion Ratio Lower Upper

107 100

109 1125.5 74.6 112.0#

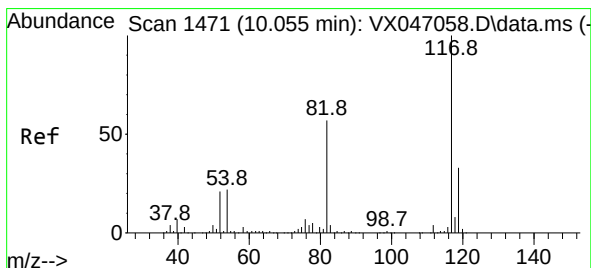
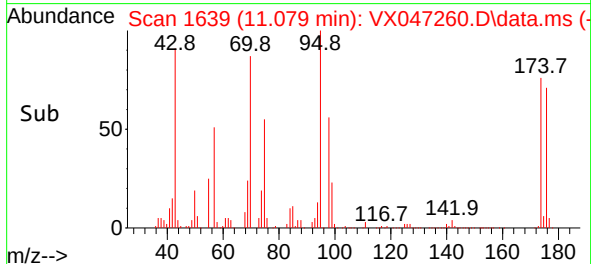
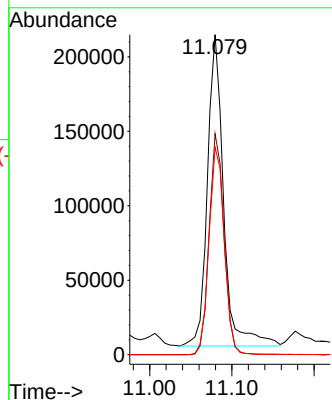
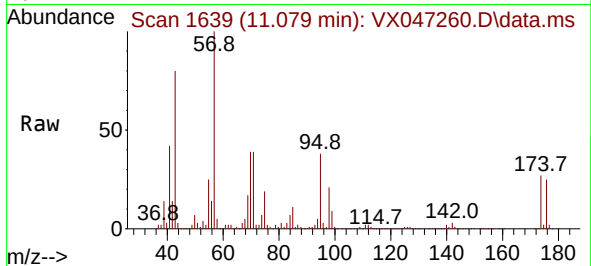




#62
4-Bromofluorobenzene
Concen: 48.614 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

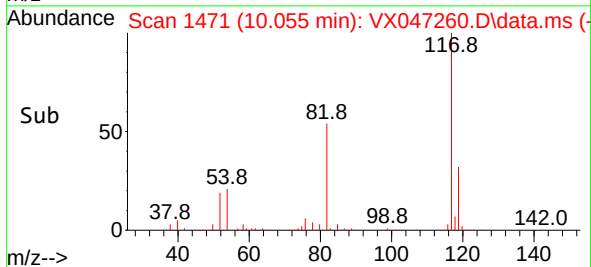
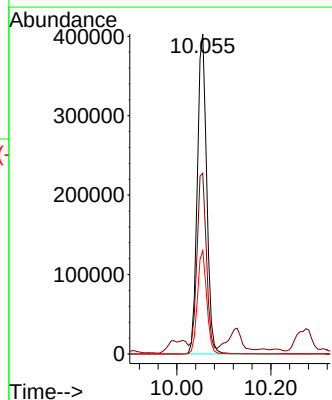
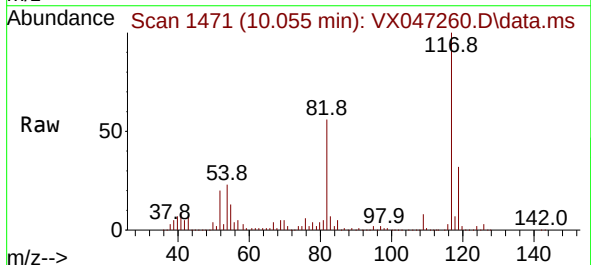
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

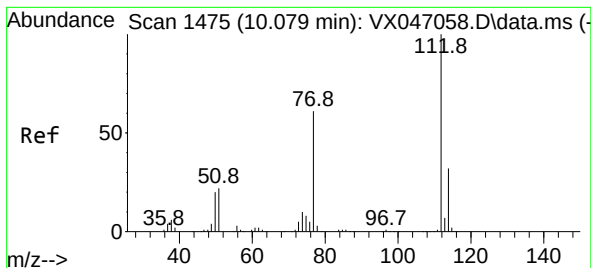
Tgt Ion: 95 Resp: 287288
Ion Ratio Lower Upper
95 100
174 65.0 0.0 144.6
176 62.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 117 Resp: 562461
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 32.3 26.1 39.1

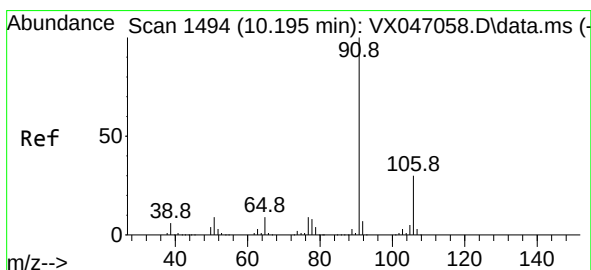
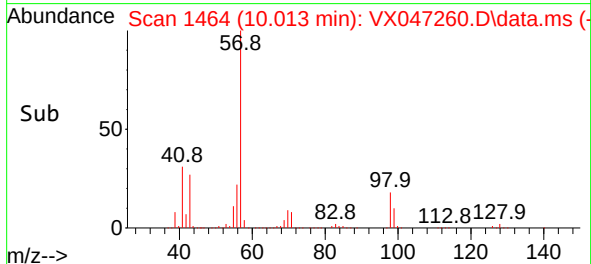
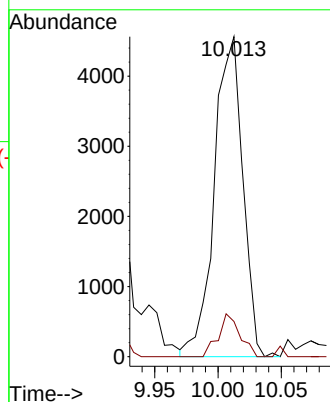
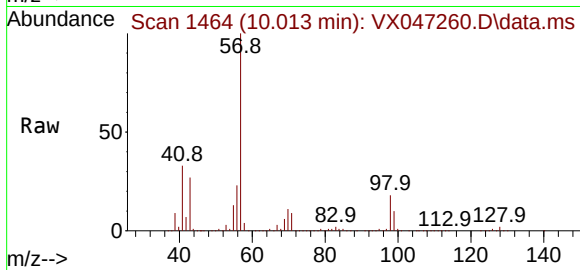




#65
Chlorobenzene
Concen: 0.541 ug/l
RT: 10.013 min Scan# 1464
Delta R.T. -0.067 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

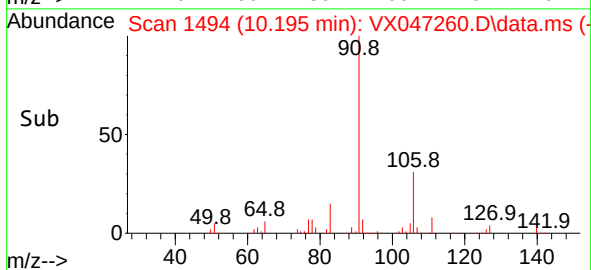
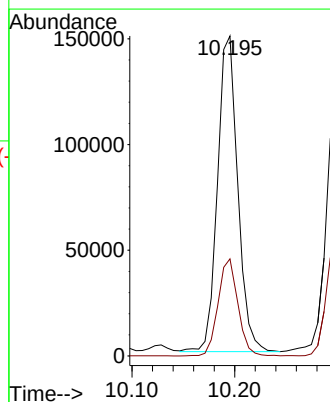
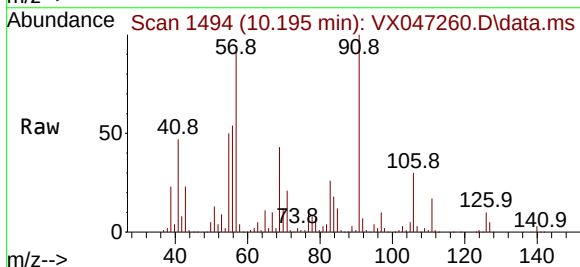
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

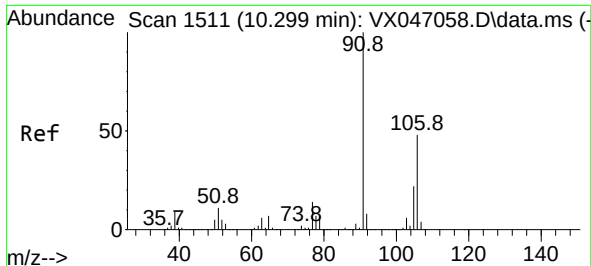
Tgt Ion:112 Resp: 7128
Ion Ratio Lower Upper
112 100
114 11.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 8.849 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 91 Resp: 203874
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

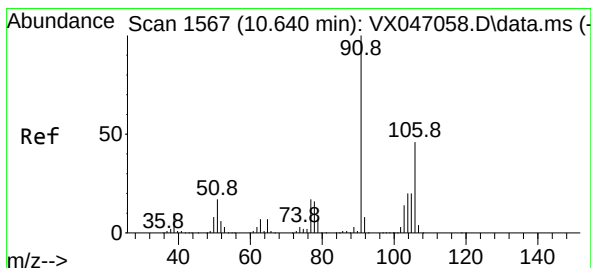
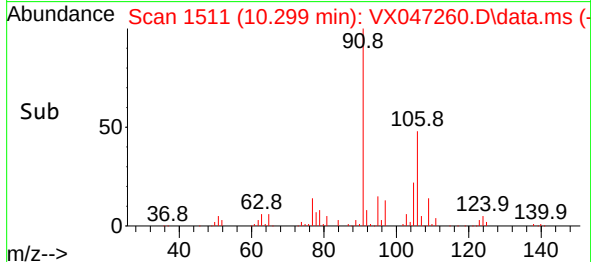
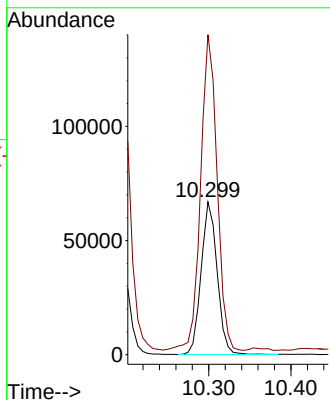
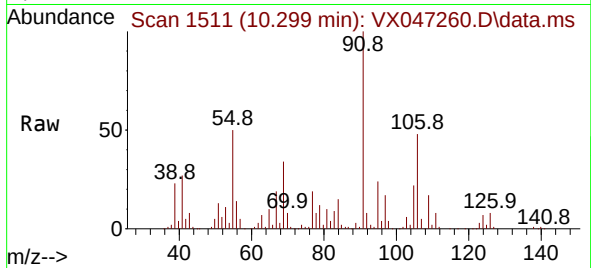




#68
m/p-Xylenes
Concen: 10.457 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

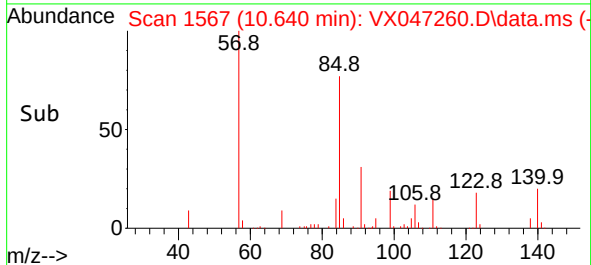
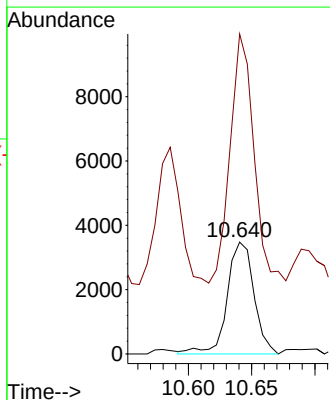
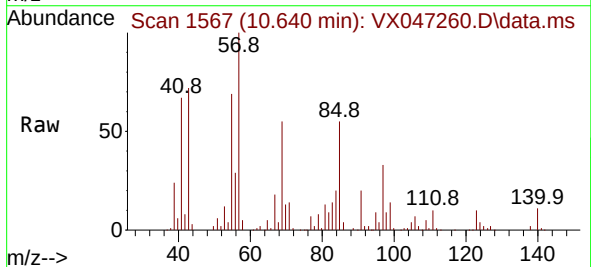
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

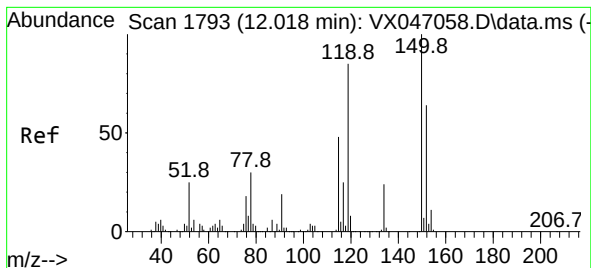
Tgt Ion:106 Resp: 90155
Ion Ratio Lower Upper
106 100
91 212.4 167.4 251.0



#69
o-Xylene
Concen: 0.623 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion:106 Resp: 5112
Ion Ratio Lower Upper
106 100
91 197.3 110.3 331.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

PL-03-08062025

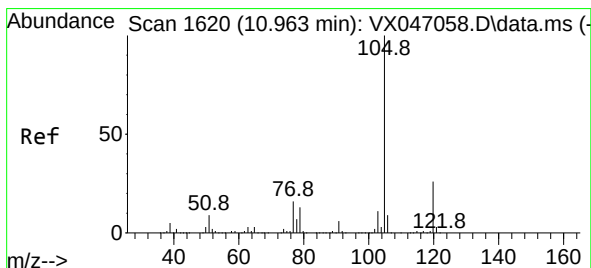
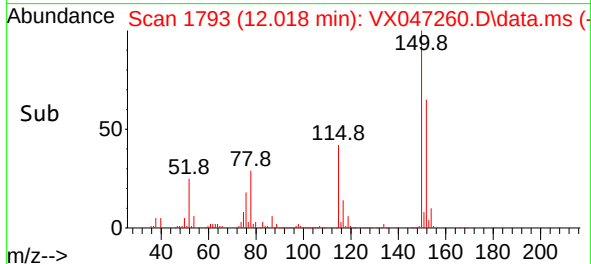
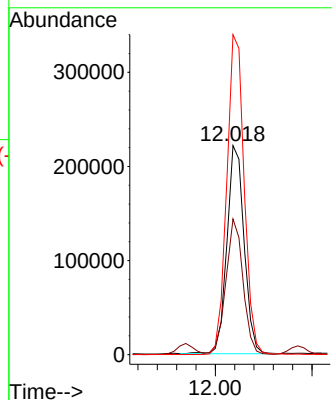
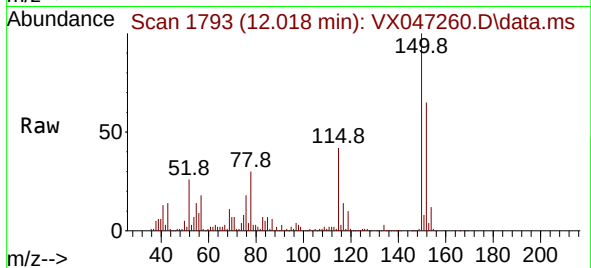
Tgt Ion:152 Resp: 272288

Ion Ratio Lower Upper

152 100

115 65.0 45.6 136.7

150 155.7 0.0 354.6



#73

Isopropylbenzene

Concen: 23.419 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX047260.D

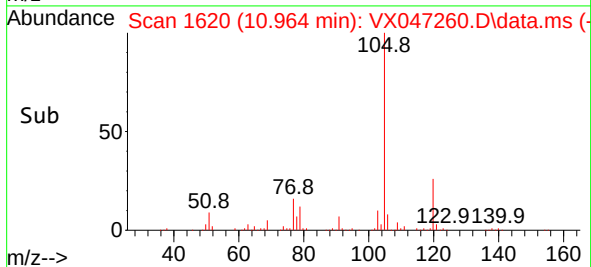
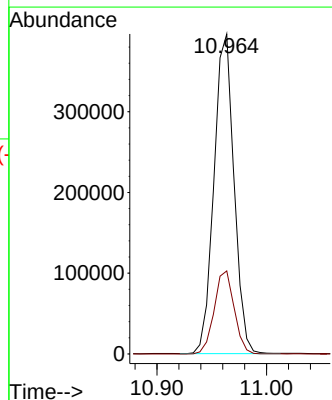
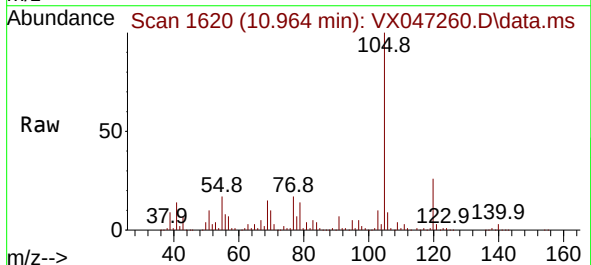
Acq: 07 Aug 2025 14:44

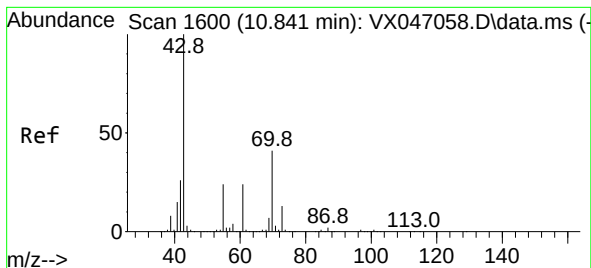
Tgt Ion:105 Resp: 503080

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7





#74

N-amy1 acetate

Concen: 24.167 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

PL-03-08062025

Tgt Ion: 43 Resp: 209465

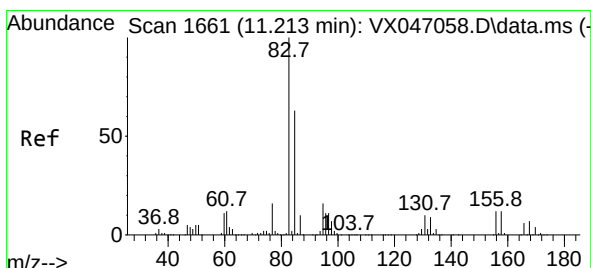
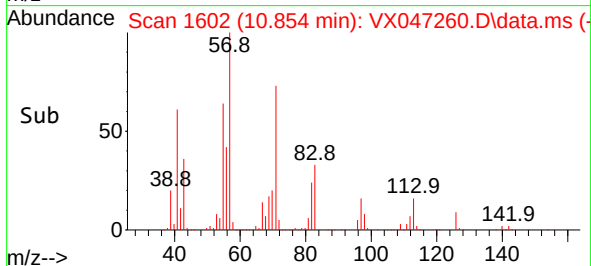
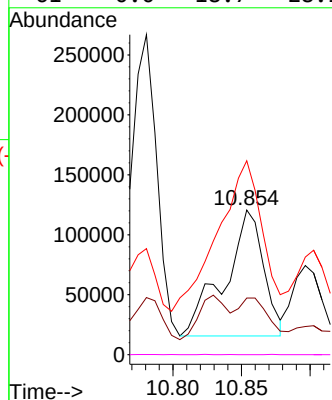
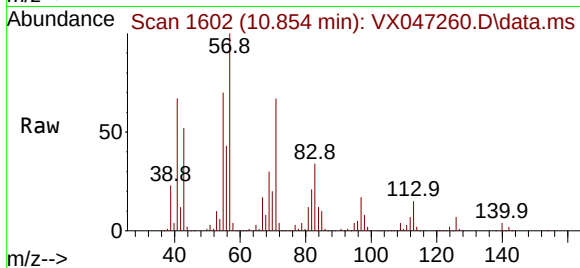
Ion Ratio Lower Upper

43 100

70 19.1 32.3 48.5#

55 132.7 18.9 28.3#

61 0.0 18.7 28.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 9.596 ug/l

RT: 11.189 min Scan# 1657

Delta R.T. -0.024 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

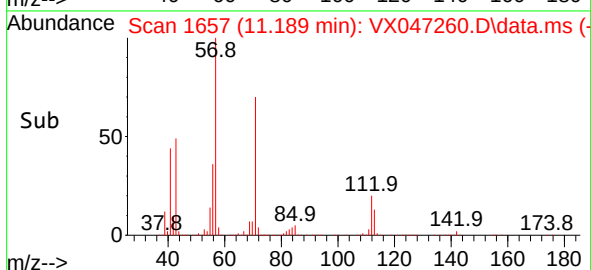
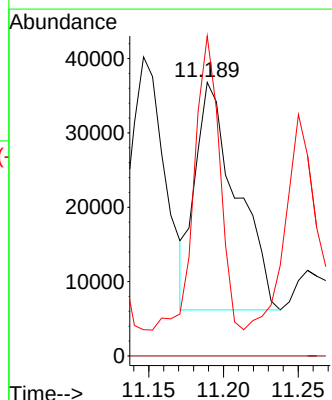
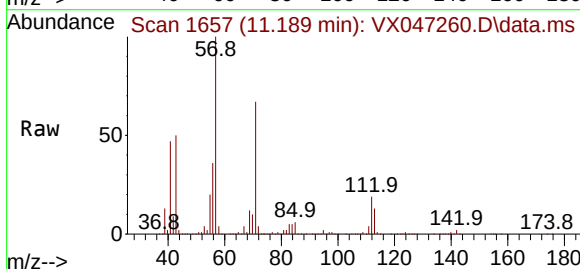
Tgt Ion: 83 Resp: 58885

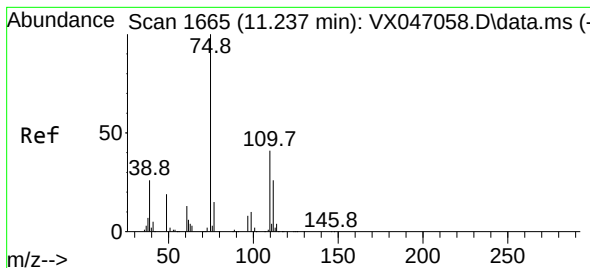
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 86.4 32.0 96.2

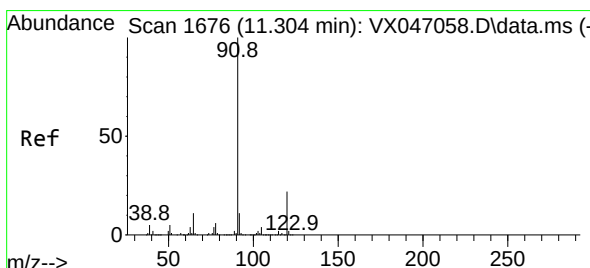
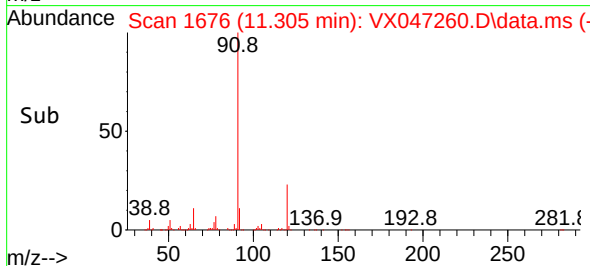
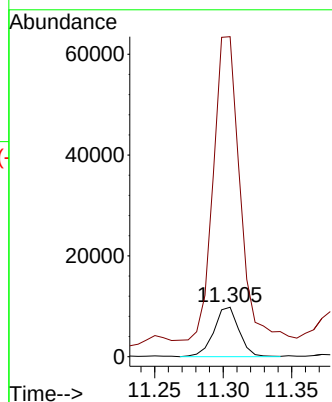
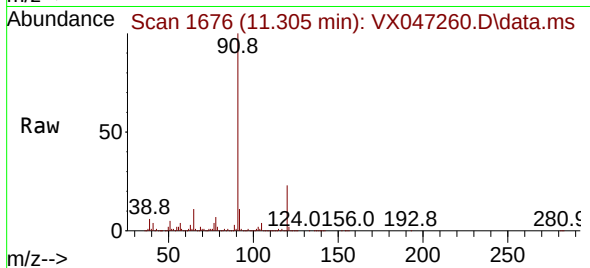




#76
1,2,3-Trichloropropane
Concen: 2.489 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.068 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

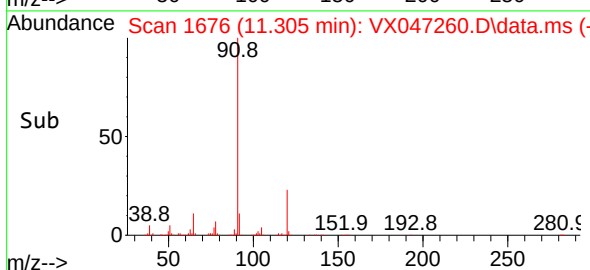
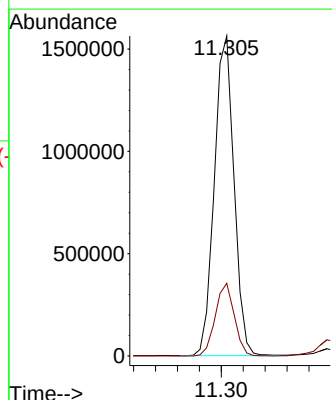
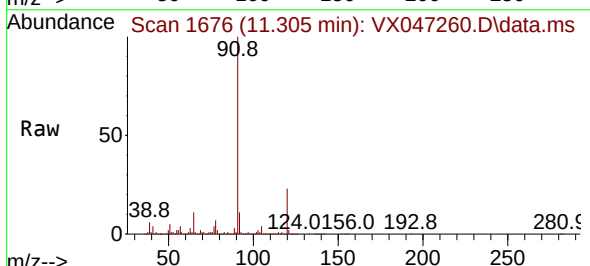
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

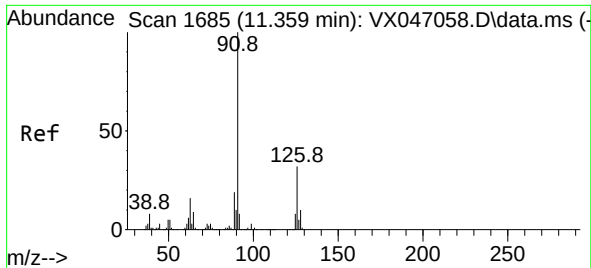
Tgt Ion: 75 Resp: 12543
Ion Ratio Lower Upper
75 100
77 648.9 21.6 65.0#



#78
n-propylbenzene
Concen: 75.756 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 91 Resp: 1944692
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0

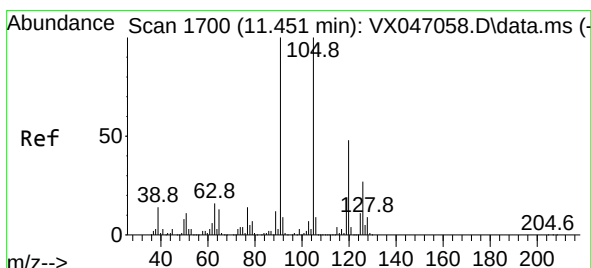
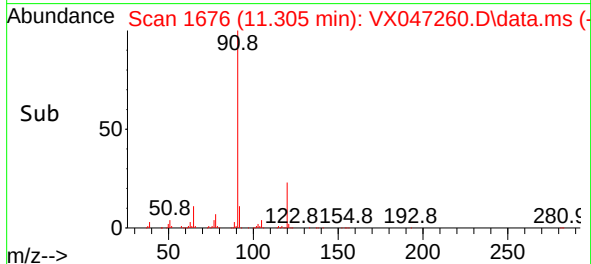
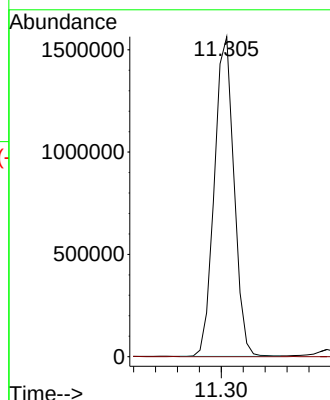
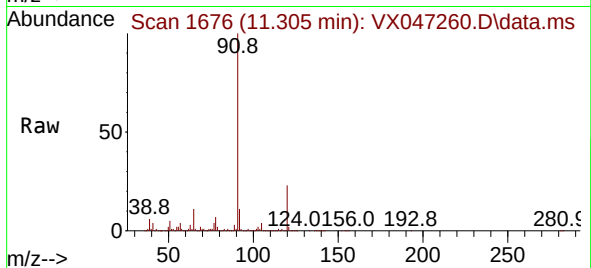




#79
2-Chlorotoluene
Concen: 126.731 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.054 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

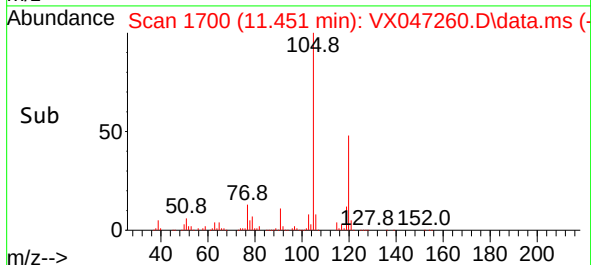
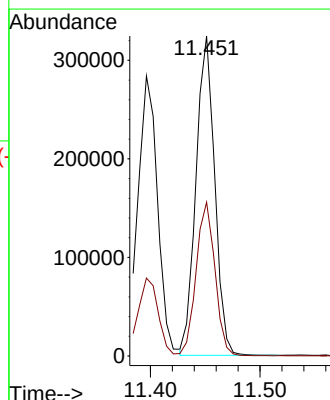
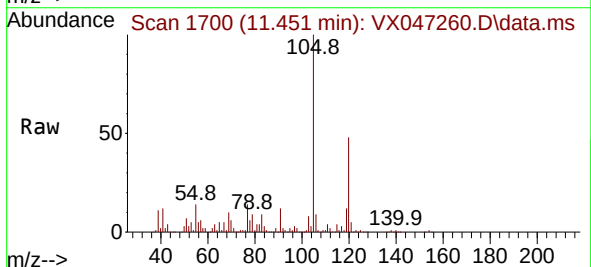
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

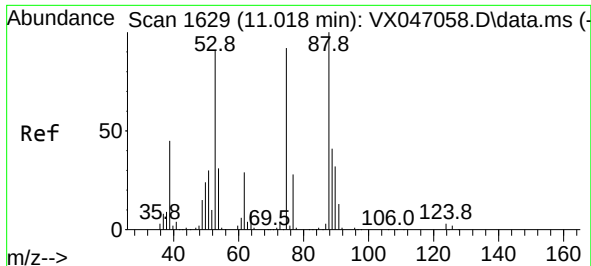
Tgt Ion: 91 Resp: 1944692
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#



#80
1,3,5-Trimethylbenzene
Concen: 21.687 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 105 Resp: 384878
Ion Ratio Lower Upper
105 100
120 48.6 23.8 71.5

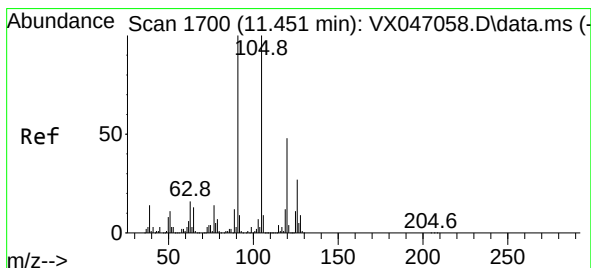
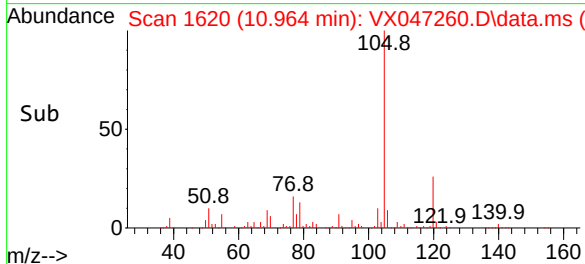
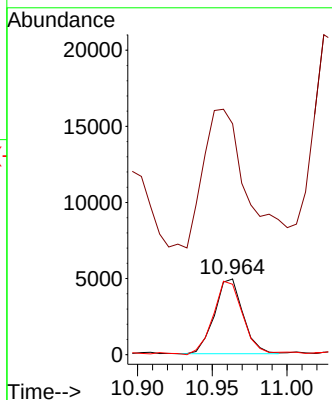
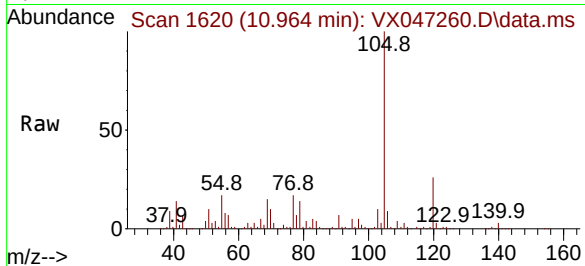




#81
trans-1,4-Dichloro-2-butene
Concen: 3.322 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.054 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

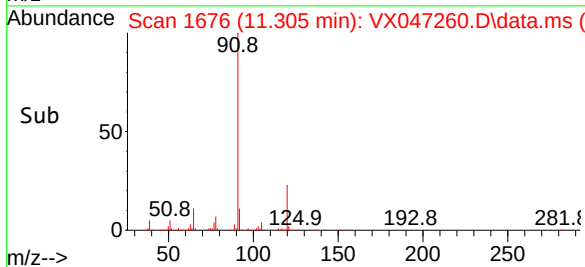
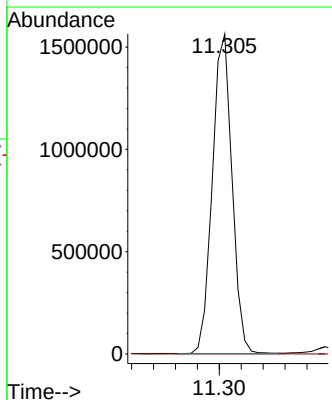
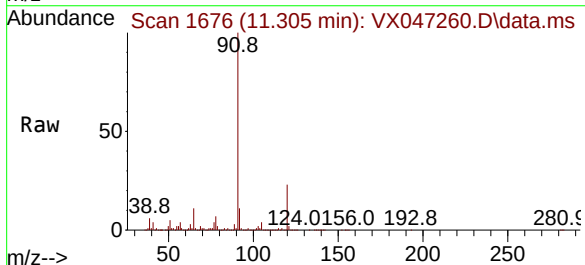
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

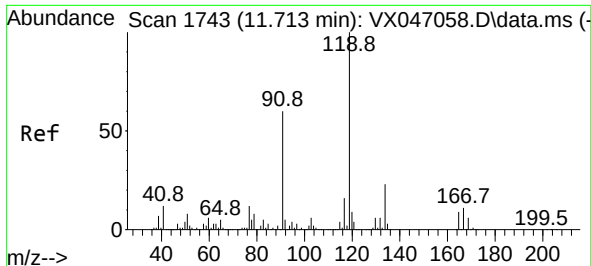
Tgt Ion: 75 Resp: 6499
Ion Ratio Lower Upper
75 100
53 370.1 84.2 126.4#
89 105.2 36.0 54.0#



#82
4-Chlorotoluene
Concen: 108.575 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.146 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion: 91 Resp: 1944692
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#

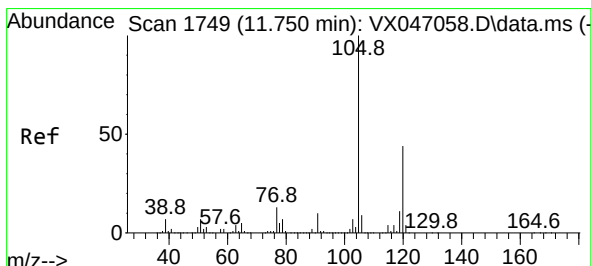
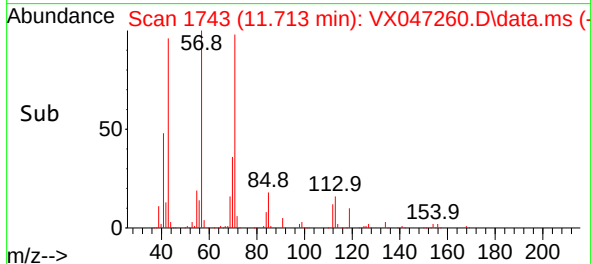
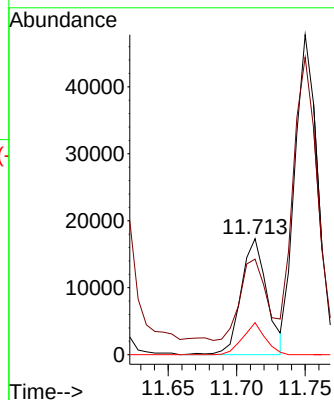
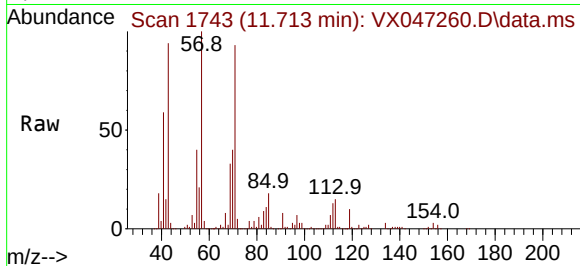




#83
tert-Butylbenzene
Concen: 1.277 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

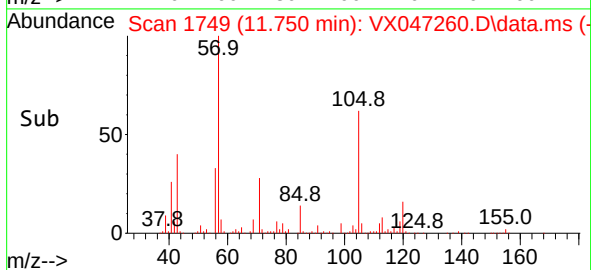
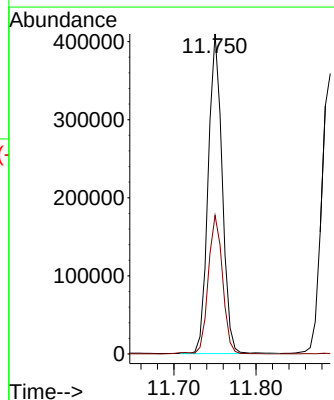
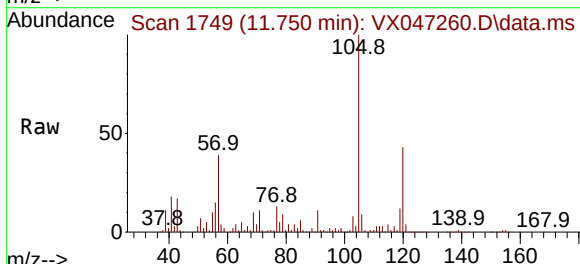
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

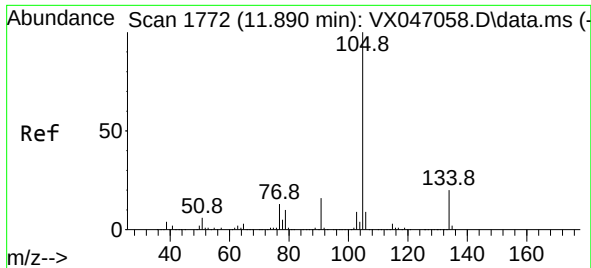
Tgt Ion:119 Resp: 22743
Ion Ratio Lower Upper
119 100
91 73.7 29.6 88.8
134 24.0 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 27.270 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion:105 Resp: 482718
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0

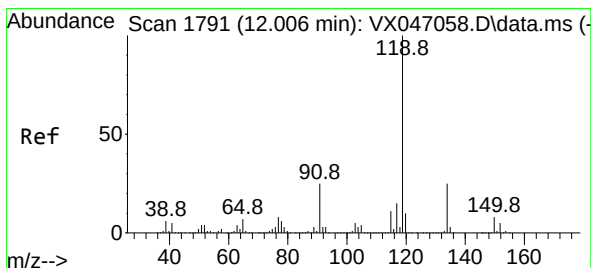
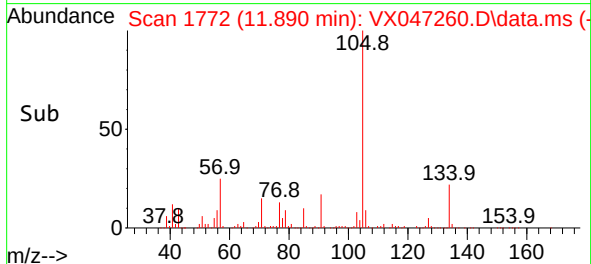
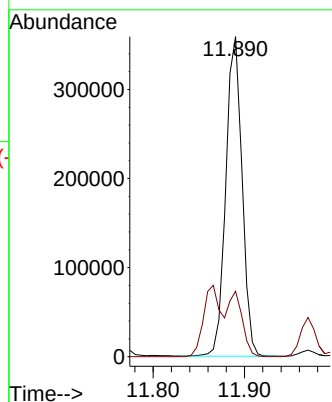
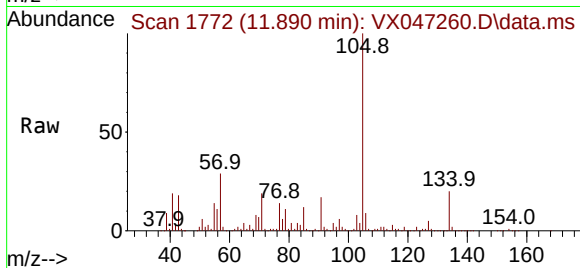




#85
sec-Butylbenzene
Concen: 19.907 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

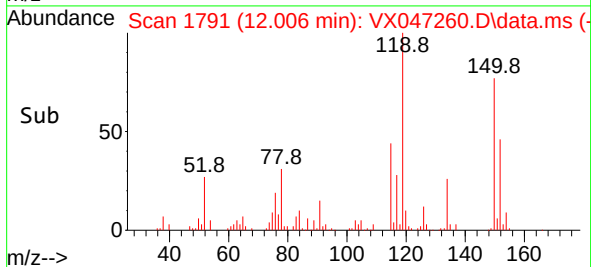
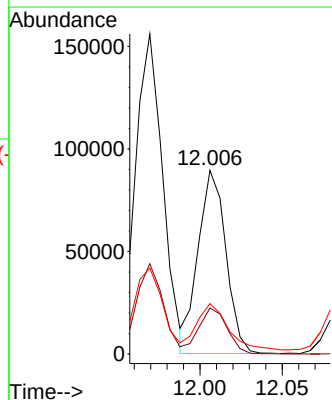
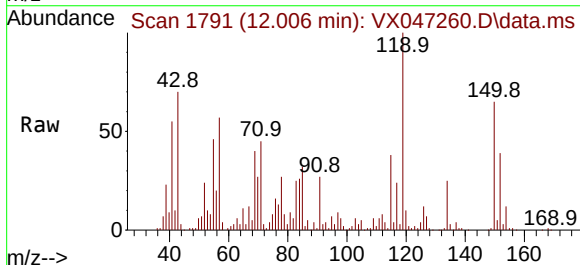
Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025

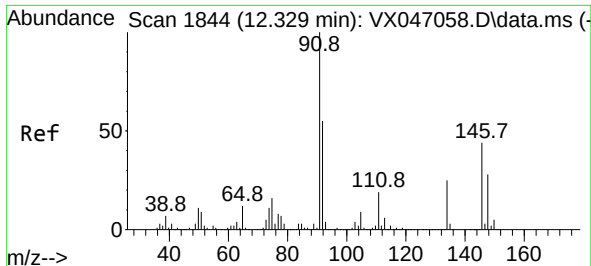
Tgt Ion:105 Resp: 443050
Ion Ratio Lower Upper
105 100
134 17.2 9.9 29.7



#86
p-Isopropyltoluene
Concen: 5.675 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Tgt Ion:119 Resp: 104745
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.4
91 27.7 12.4 37.4





#89

n-Butylbenzene

Concen: 71.563 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.001 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

PL-03-08062025

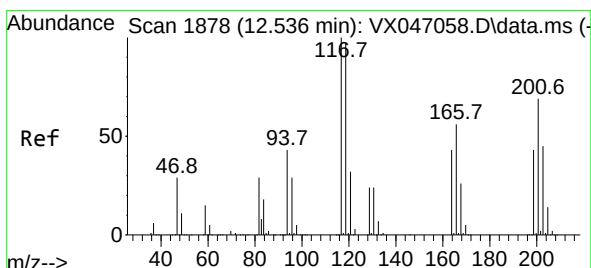
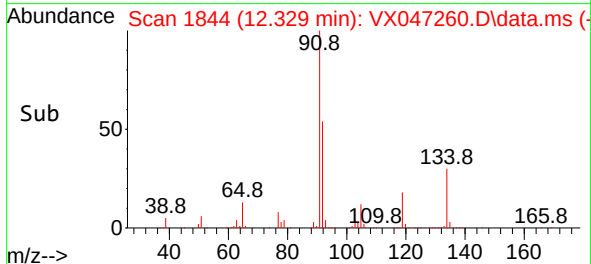
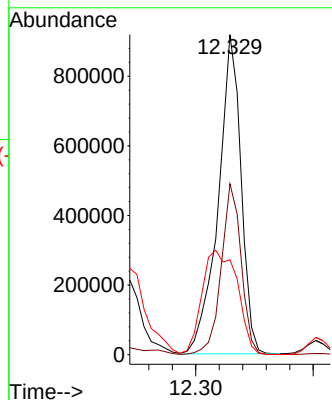
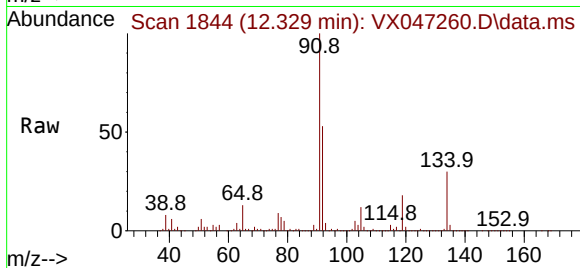
Tgt Ion: 91 Resp: 1238658

Ion Ratio Lower Upper

91 100

92 46.6 27.5 82.5

134 50.3 12.8 38.3#



#90

Hexachloroethane

Concen: 11.349 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX047260.D

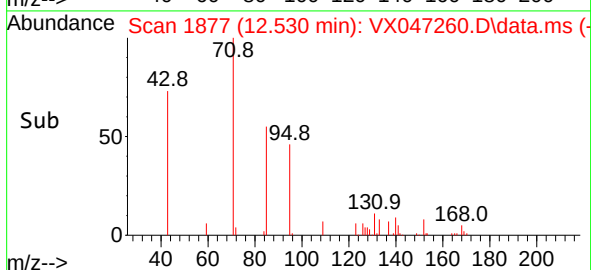
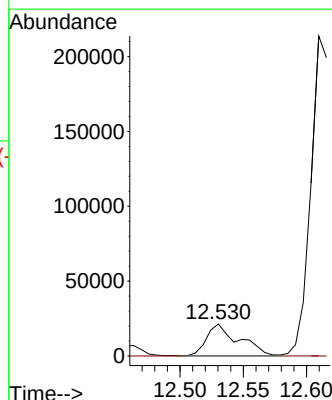
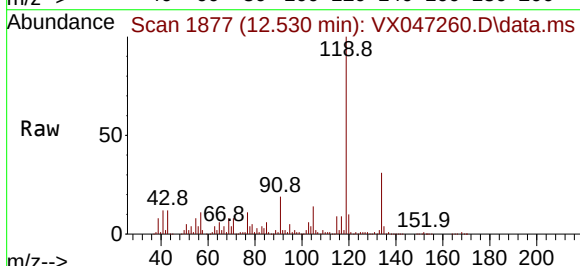
Acq: 07 Aug 2025 14:44

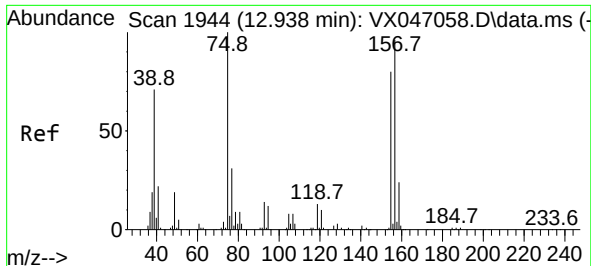
Tgt Ion:117 Resp: 37473

Ion Ratio Lower Upper

117 100

201 0.0 34.8 104.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.676 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.019 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

PL-03-08062025

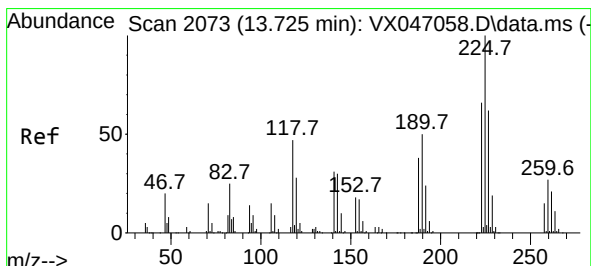
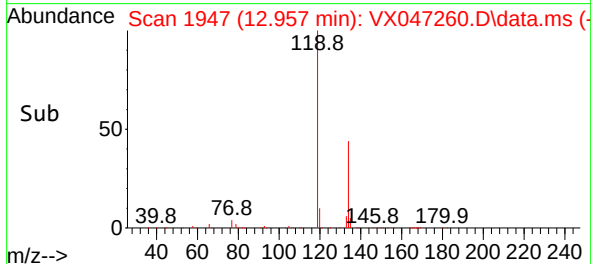
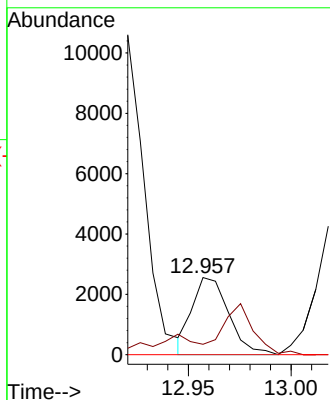
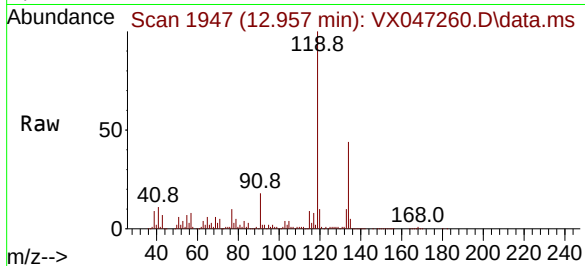
Tgt Ion: 75 Resp: 3152

Ion Ratio Lower Upper

75 100

155 18.1 41.3 124.1#

157 0.0 52.8 158.3#



#94

Hexachlorobutadiene

Concen: 0.420 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047260.D

Acq: 07 Aug 2025 14:44

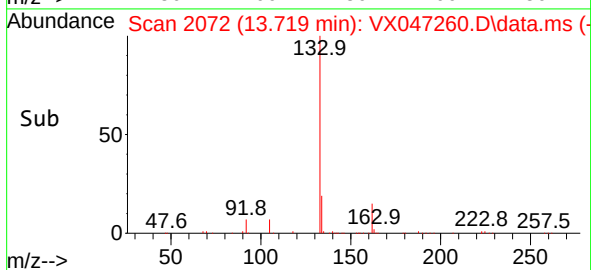
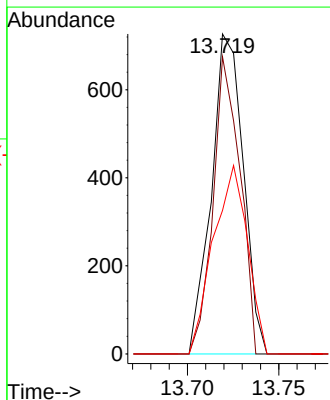
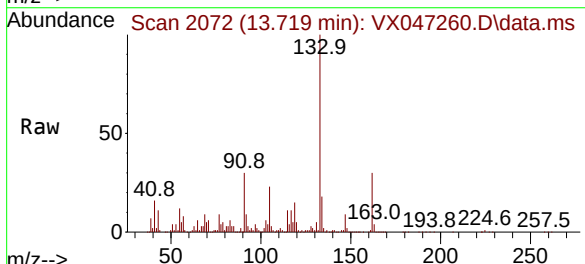
Tgt Ion: 225 Resp: 883

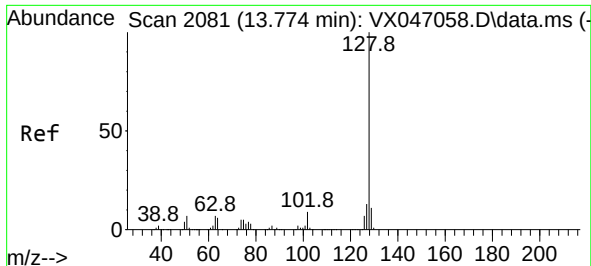
Ion Ratio Lower Upper

225 100

223 78.4 31.6 95.0

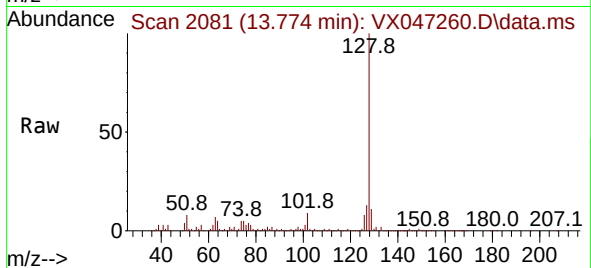
227 63.1 32.9 98.6





#95
Naphthalene
Concen: 19.196 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.001 min
Lab File: VX047260.D
Acq: 07 Aug 2025 14:44

Instrument :
MSVOA_X
ClientSampleId :
PL-03-08062025



Tgt Ion:128 Resp: 347893
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 13.1 8.6 13.0#

