

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047558.D
 Acq On : 29 Aug 2025 10:14
 Operator : JC/MD
 Sample : VX0829MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829MBL01

Quant Time: Aug 29 23:49:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	171489	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	340643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	171442	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139195	52.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.720%	
35) Dibromofluoromethane	5.391	113	117614	50.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.620%	
50) Toluene-d8	8.647	98	418768	51.101	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	11.079	95	174899	56.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.191	85	384	0.204	ug/l #	43
3) Chloromethane	1.319	50	712	0.347	ug/l #	83
5) Bromomethane	1.648	94	1376	1.319	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.355	101	609	0.298	ug/l #	20
10) Methyl Iodide	2.489	142	7737	2.288	ug/l #	94
11) Tert butyl alcohol	2.953	59	107	0.442	ug/l #	73
13) Acrolein	2.252	56	526	1.084	ug/l #	78
15) Acrylonitrile	3.093	53	1158	1.069	ug/l #	55
16) Acetone	2.392	43	2552	2.447	ug/l	96
17) Carbon Disulfide	2.532	76	5674	0.881	ug/l	96
18) Methyl Acetate	2.715	43	953	0.371	ug/l #	53
20) Methylene Chloride	2.813	84	1268	0.478	ug/l #	86
21) trans-1,2-Dichloroethene	3.117	96	553	0.240	ug/l #	80
23) Vinyl Acetate	3.776	43	2002	0.308	ug/l #	73
38) Carbon Tetrachloride	5.562	117	18116	4.907	ug/l #	16
39) Methylcyclohexane	7.379	83	1779	0.464	ug/l #	90
49) 1,4-Dioxane	7.726	88	44	1.641	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	1261	0.405	ug/l #	80
58) 2-Chloroethyl Vinyl ether	8.287	63	261	Below Cal	#	47
59) 2-Hexanone	9.482	43	789	0.371	ug/l	75
64) Tetrachloroethene	9.275	164	806	0.353	ug/l #	72
68) m/p-Xylenes	10.311	106	1656	0.332	ug/l	88
73) Isopropylbenzene	10.964	105	2578	0.204	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	90152	29.463	ug/l #	37
78) n-propylbenzene	11.305	91	5194	0.346	ug/l	92
79) 2-Chlorotoluene	11.366	91	2329	0.250	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3457	0.335	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	90152	104.102	ug/l #	7
82) 4-Chlorotoluene	11.457	91	3783	0.346	ug/l	99
83) tert-Butylbenzene	11.713	119	3880	0.373	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	3450	0.328	ug/l	99
85) sec-Butylbenzene	11.890	105	9303	0.744	ug/l	98
86) p-Isopropyltoluene	12.012	119	8226	0.784	ug/l	91
87) 1,3-Dichlorobenzene	11.976	146	2923	0.486	ug/l	94
88) 1,4-Dichlorobenzene	11.976	146	2923	0.471	ug/l	95
89) n-Butylbenzene	12.335	91	13427	1.387	ug/l	93

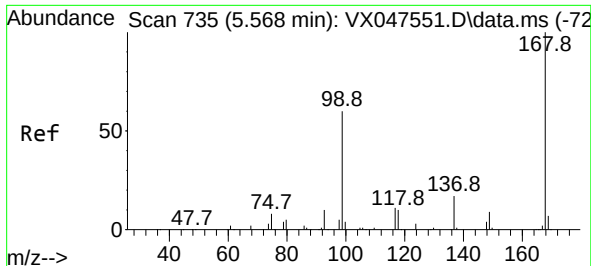
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
Data File : VX047558.D
Acq On : 29 Aug 2025 10:14
Operator : JC/MD
Sample : VX0829MBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
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VX0829MBL01

Quant Time: Aug 29 23:49:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.536	117	1209	0.627	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	2002	0.340	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	273	0.371	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	6192	1.723	ug/l	99
94) Hexachlorobutadiene	13.725	225	6293	5.038	ug/l	99
95) Naphthalene	13.774	128	13818	1.315	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	6253	1.852	ug/l	94

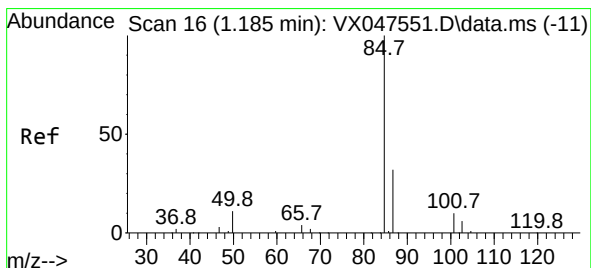
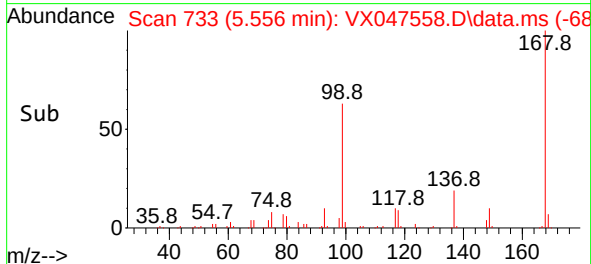
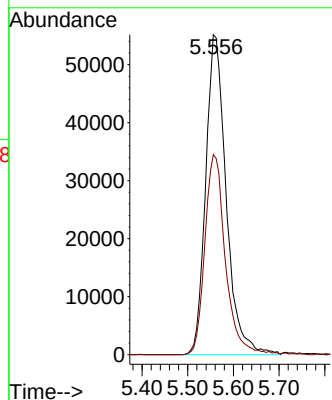
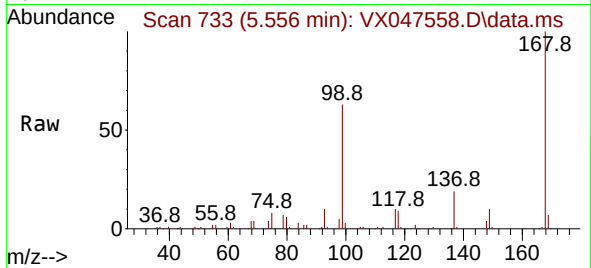
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

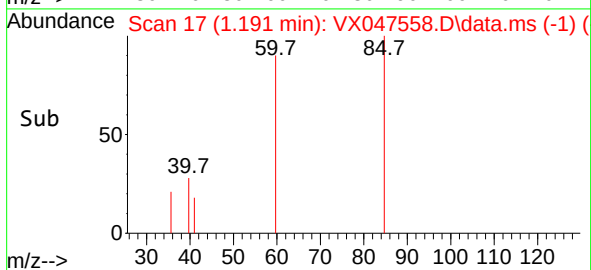
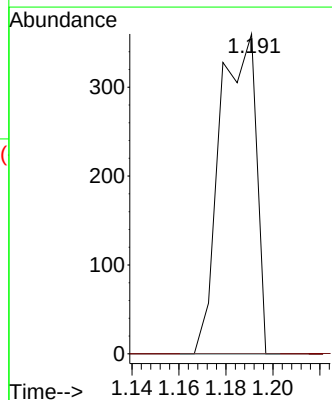
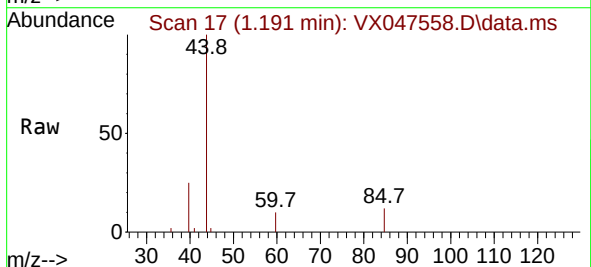
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

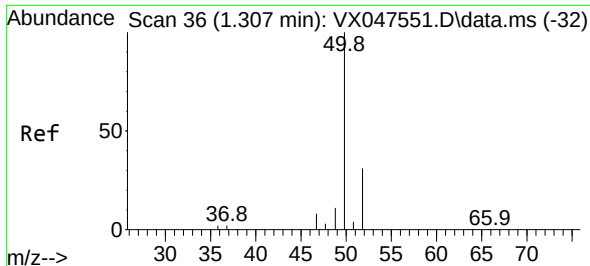
Tgt Ion:168 Resp: 171489
Ion Ratio Lower Upper
168 100
99 62.5 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 0.204 ug/l
RT: 1.191 min Scan# 17
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 85 Resp: 384
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.7#

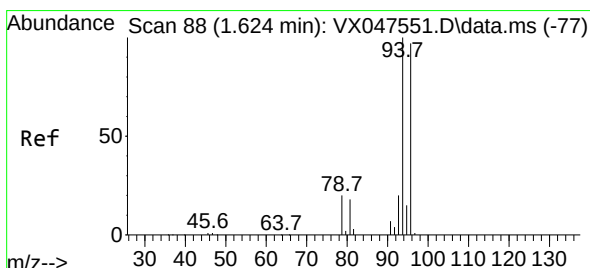
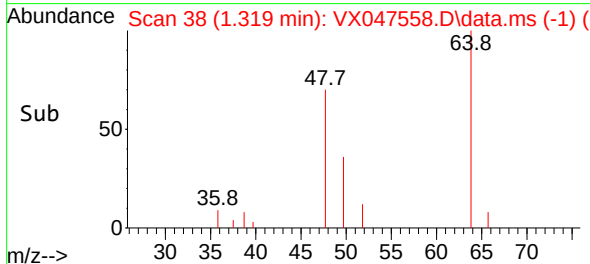
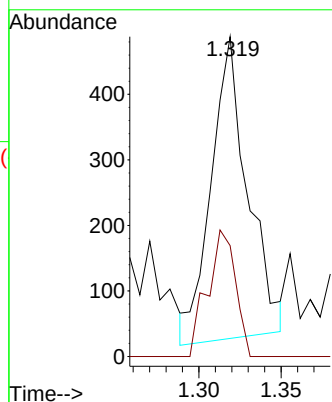
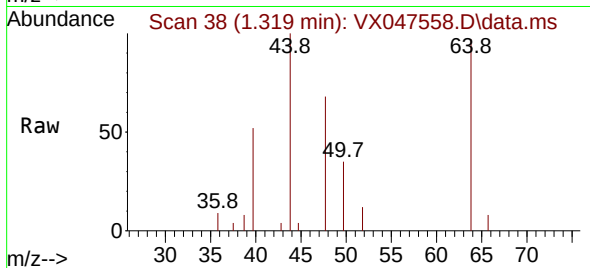




#3
Chloromethane
Concen: 0.347 ug/l
RT: 1.319 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

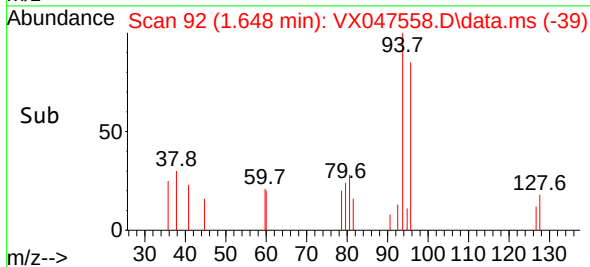
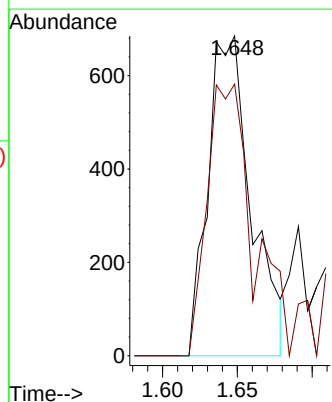
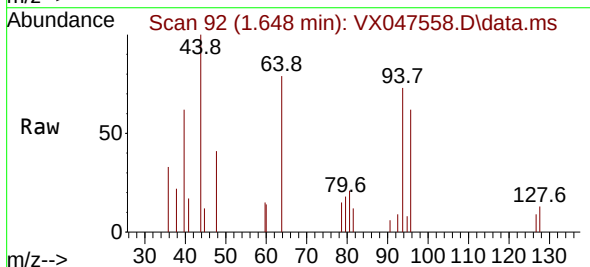
Instrument :
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ClientSampleId :
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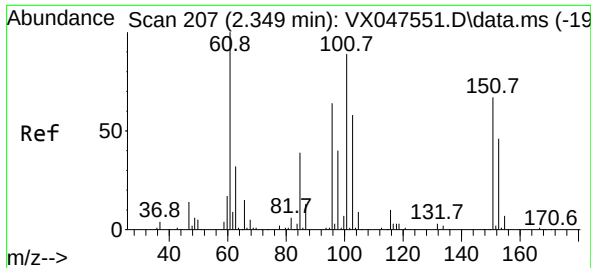
Tgt Ion: 50 Resp: 712
Ion Ratio Lower Upper
50 100
52 40.0 24.6 37.0#



#5
Bromomethane
Concen: 1.319 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.024 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 94 Resp: 1376
Ion Ratio Lower Upper
94 100
96 85.0 77.7 116.5

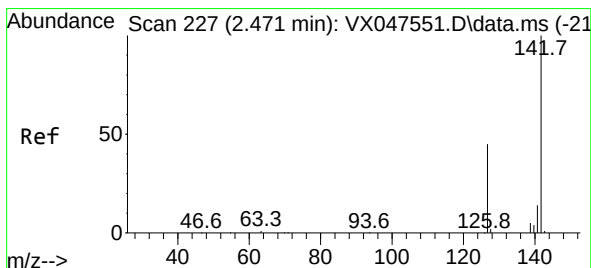
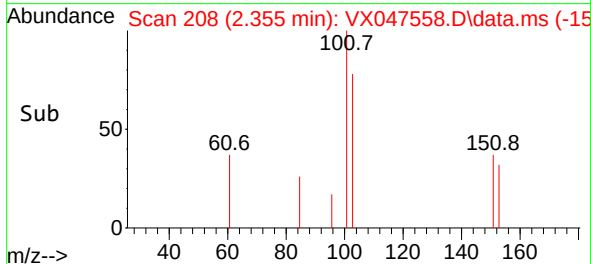
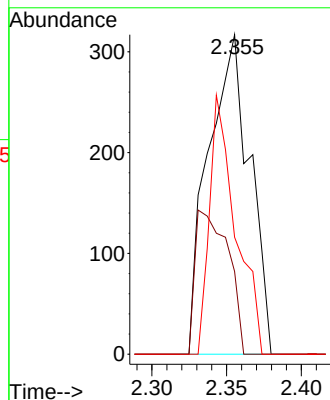
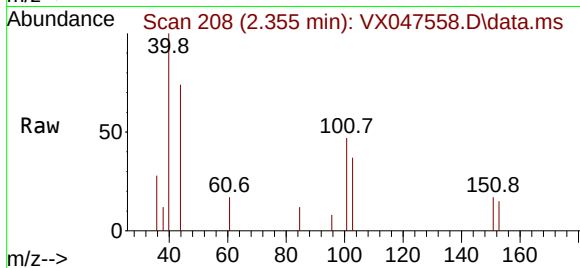




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.298 ug/l
RT: 2.355 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

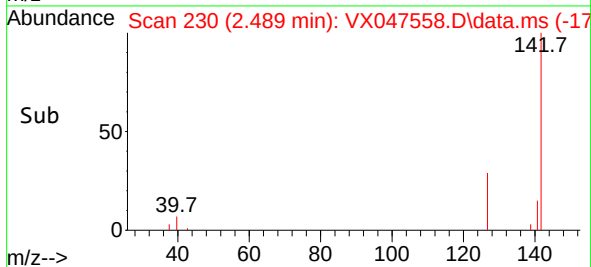
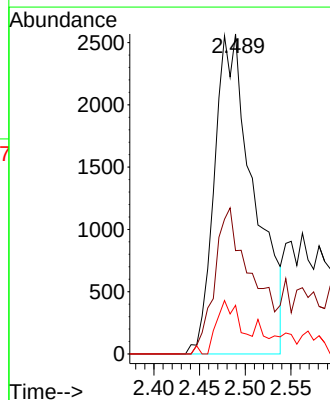
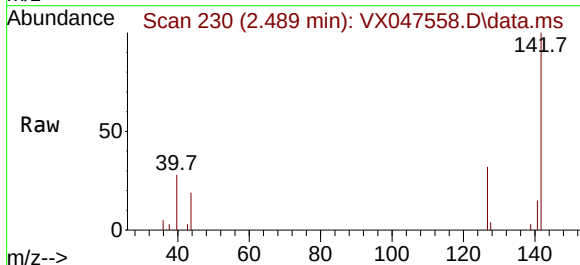
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

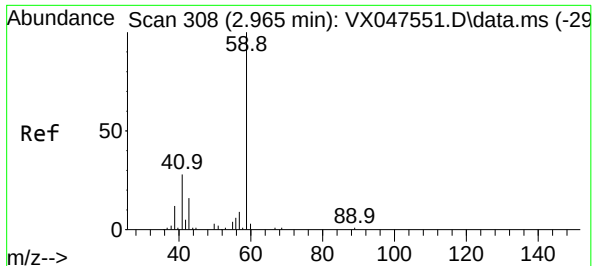
Tgt Ion:101 Resp: 609
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 58.6 88.0#



#10
Methyl Iodide
Concen: 2.288 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.018 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:142 Resp: 7737
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 10.3 10.6 16.0#

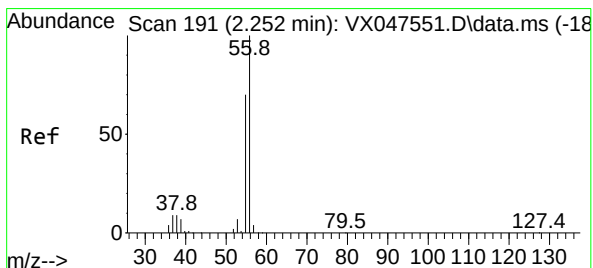
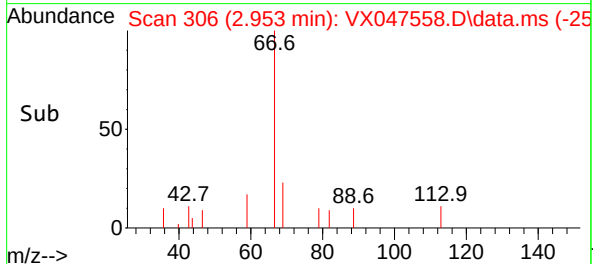
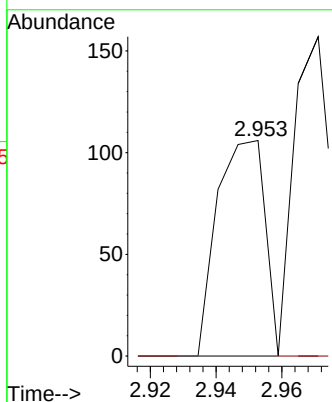
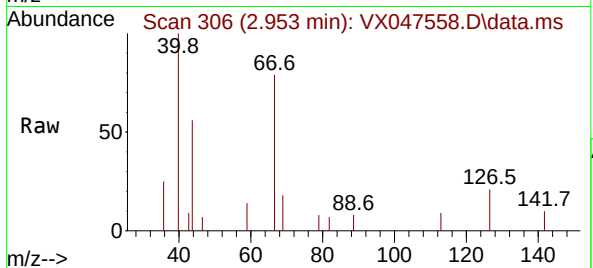




#11
Tert butyl alcohol
Concen: 0.442 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

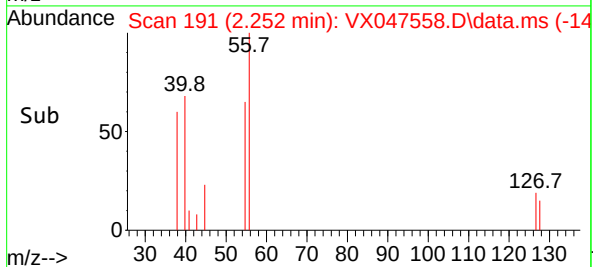
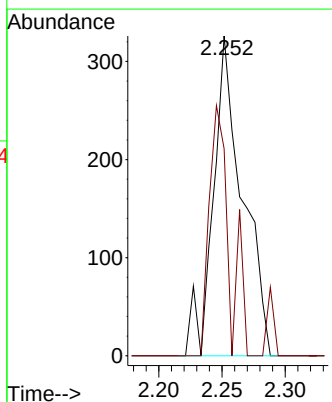
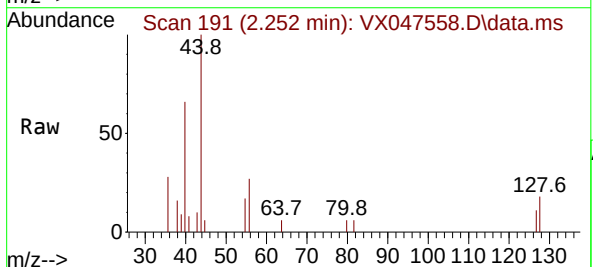
Instrument :
MSVOA_X
ClientSampleId :
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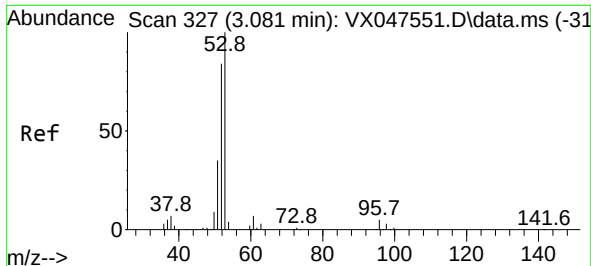
Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#13
Acrolein
Concen: 1.084 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 56 Resp: 526
Ion Ratio Lower Upper
56 100
55 53.4 57.0 85.6#

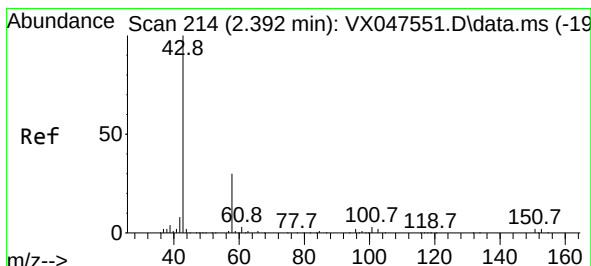
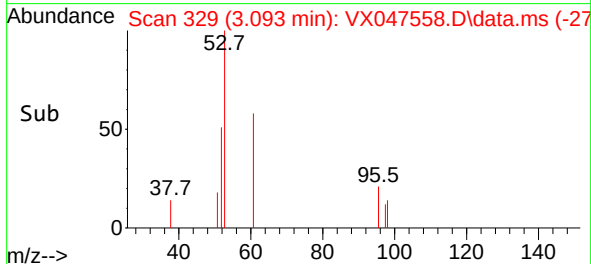
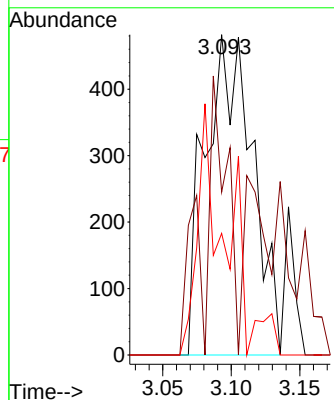
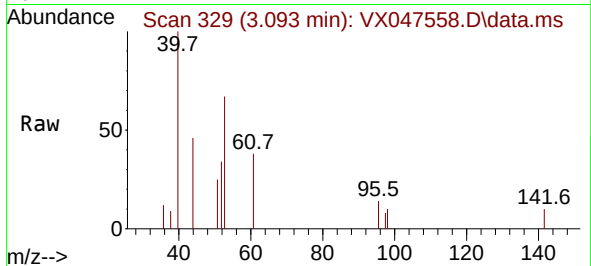




#15
Acrylonitrile
Concen: 1.069 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

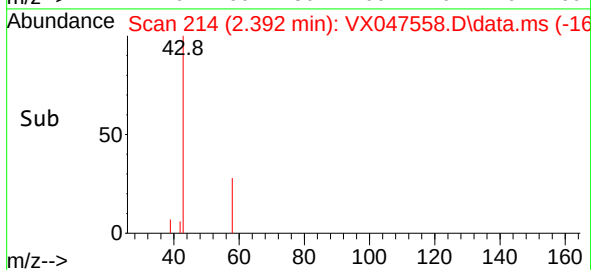
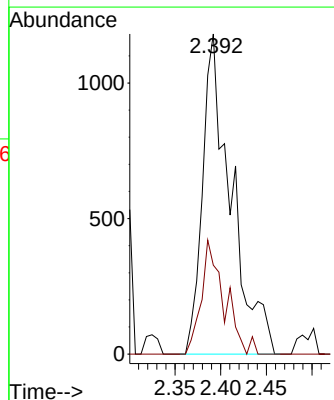
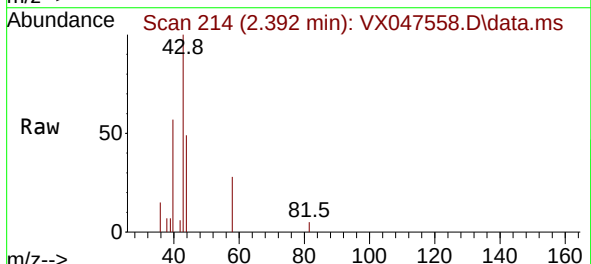
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ClientSampleId :
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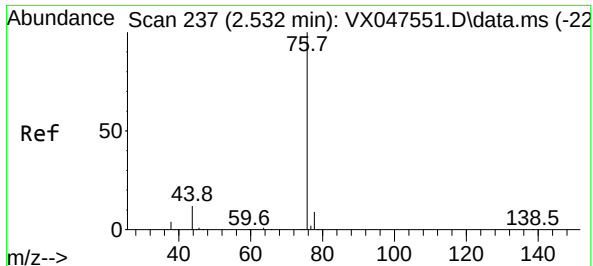
Tgt Ion: 53 Resp: 1158
Ion Ratio Lower Upper
53 100
52 30.8 66.2 99.4#
51 46.0 29.4 44.0#



#16
Acetone
Concen: 2.447 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.2

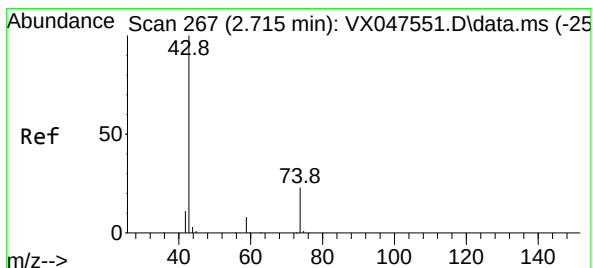
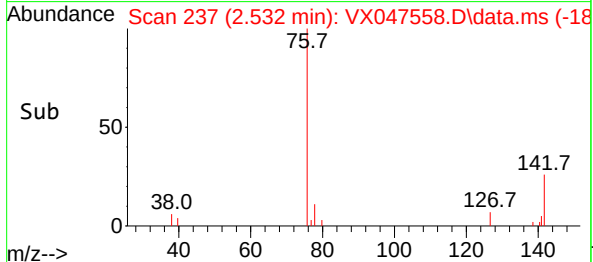
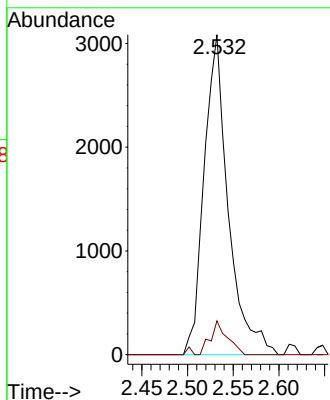
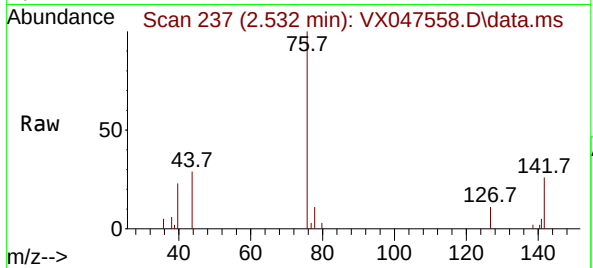




#17
Carbon Disulfide
Concen: 0.881 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

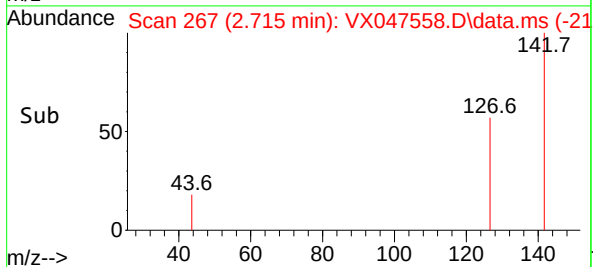
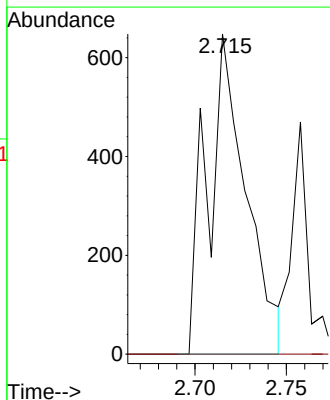
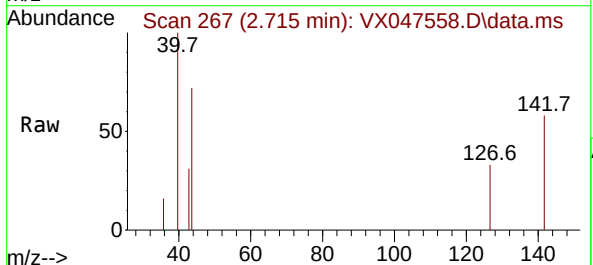
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

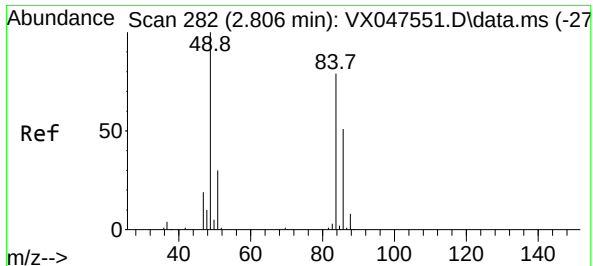
Tgt Ion: 76 Resp: 5674
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#18
Methyl Acetate
Concen: 0.371 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

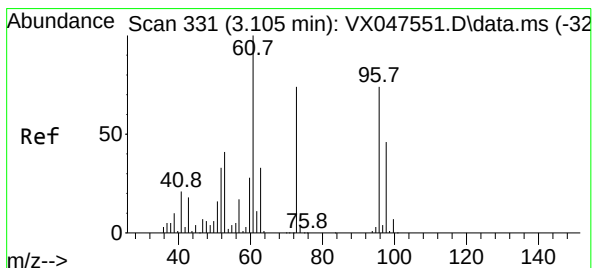
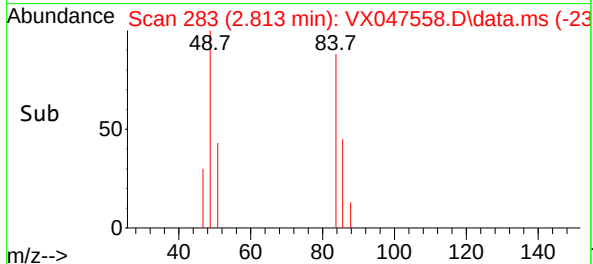
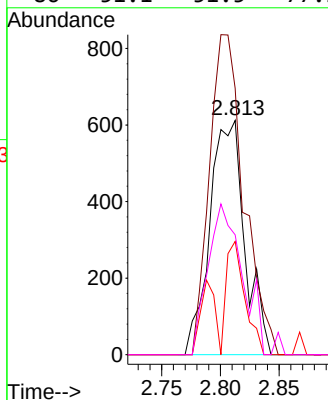
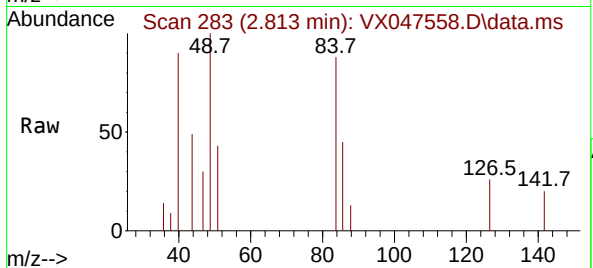




#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 2.813 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

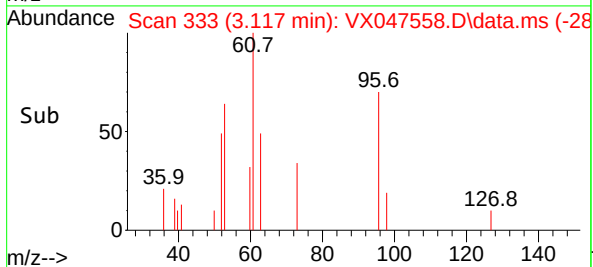
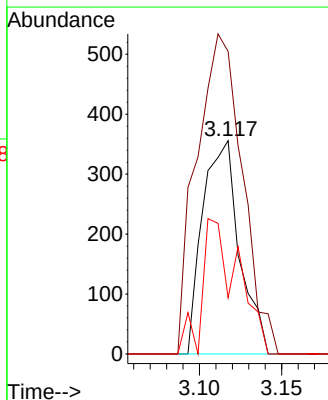
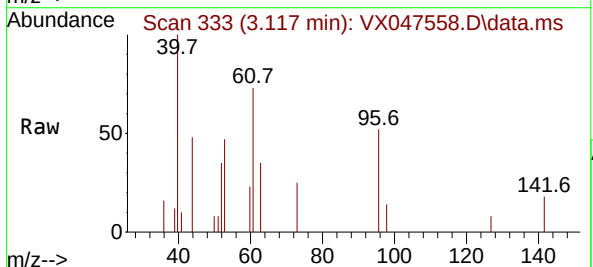
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

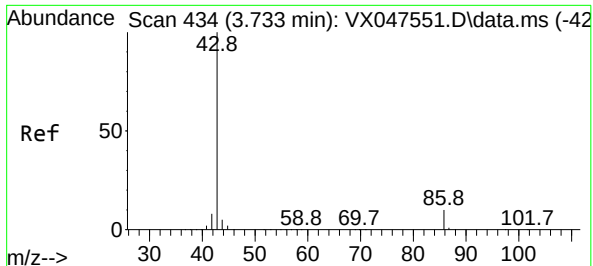
Tgt Ion: 84 Resp: 1268
Ion Ratio Lower Upper
84 100
49 113.7 101.4 152.2
51 48.4 30.6 46.0#
86 51.1 51.5 77.3#



#21
trans-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.012 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 96 Resp: 553
Ion Ratio Lower Upper
96 100
61 141.9 108.0 162.0
98 26.4 51.6 77.4#

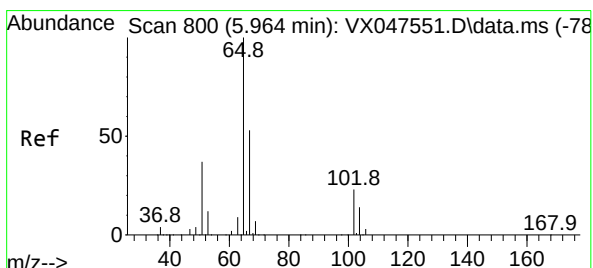
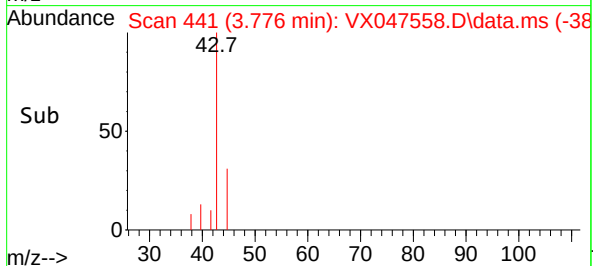
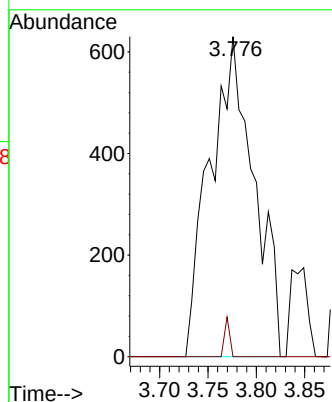
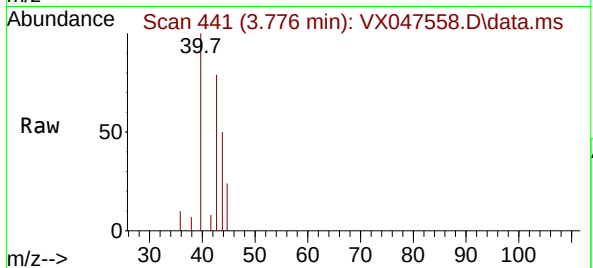




#23
 Vinyl Acetate
 Concen: 0.308 ug/l
 RT: 3.776 min Scan# 441
 Delta R.T. 0.043 min
 Lab File: VX047558.D
 Acq: 29 Aug 2025 10:14

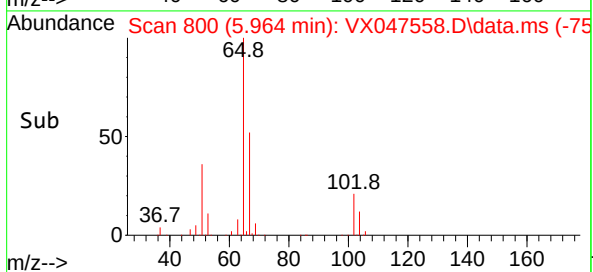
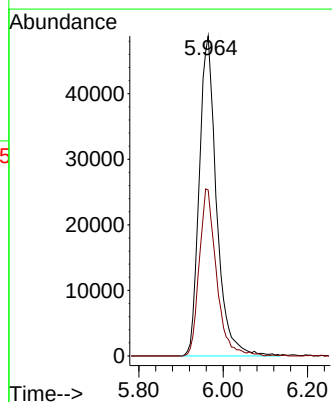
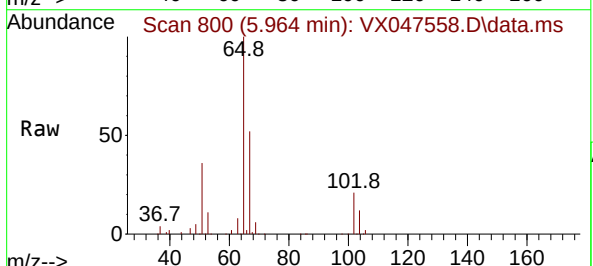
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829MBL01

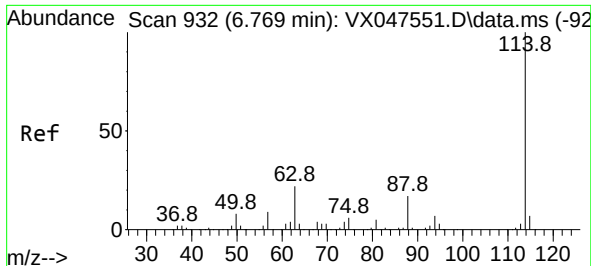
Tgt Ion: 43 Resp: 2002
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.1 12.1#



#33
 1,2-Dichloroethane-d4
 Concen: 52.856 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX047558.D
 Acq: 29 Aug 2025 10:14

Tgt Ion: 65 Resp: 139195
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8

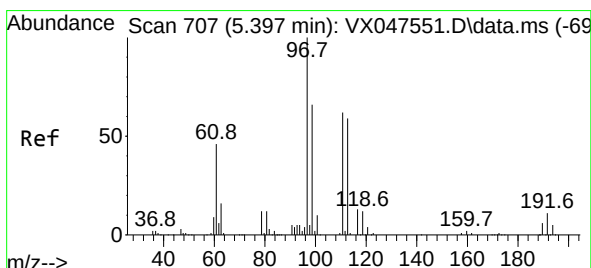
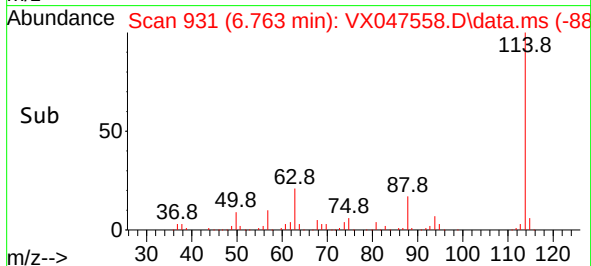
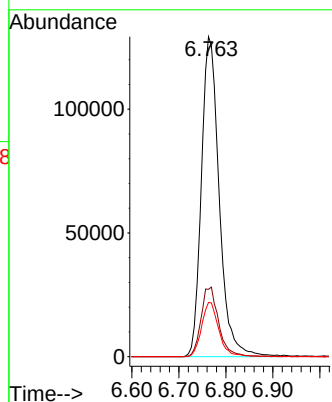
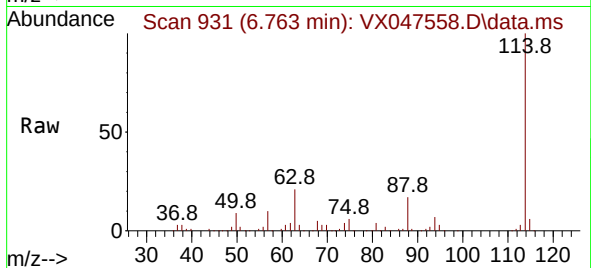




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

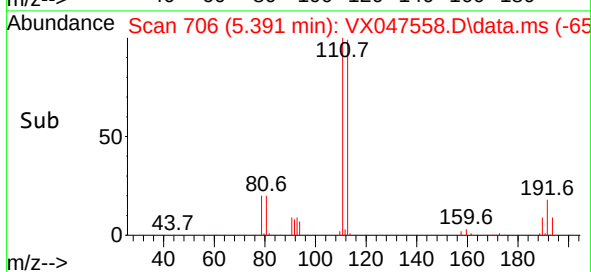
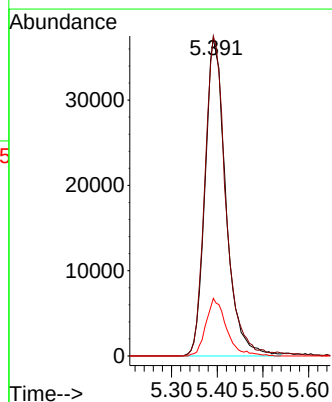
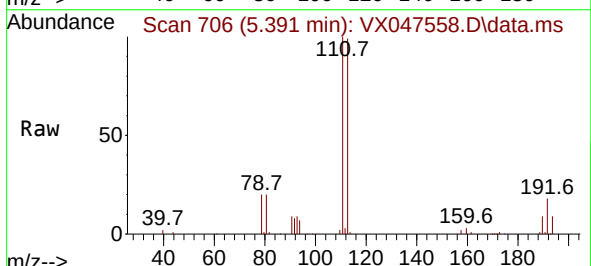
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

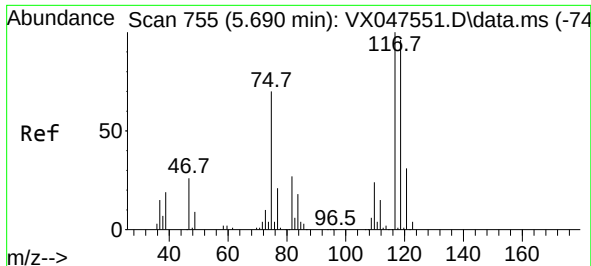
Tgt Ion:114 Resp: 340643
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.306 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

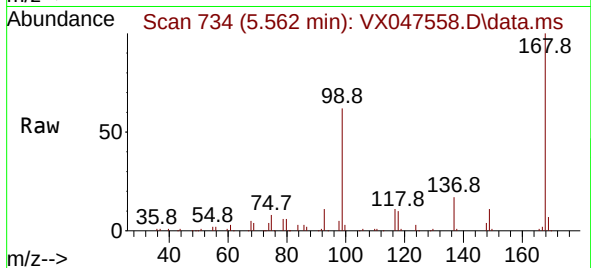
Tgt Ion:113 Resp: 117614
Ion Ratio Lower Upper
113 100
111 101.2 81.2 121.8
192 17.9 14.2 21.4



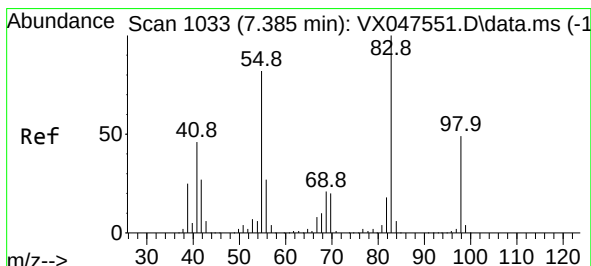
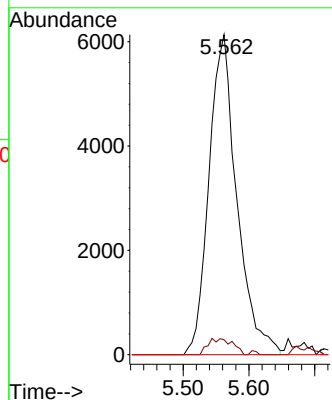
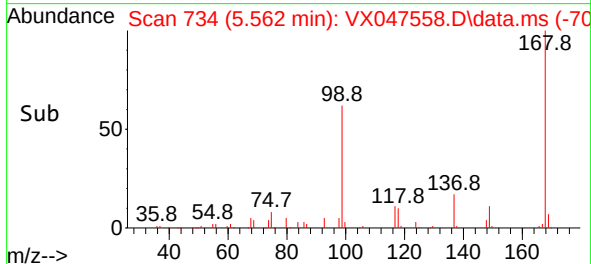


#38
Carbon Tetrachloride
Concen: 4.907 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

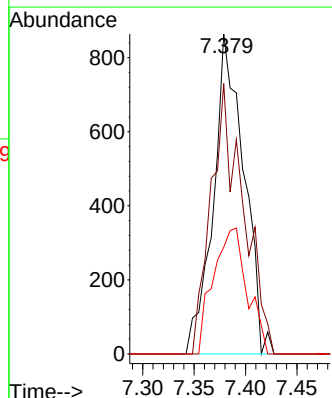
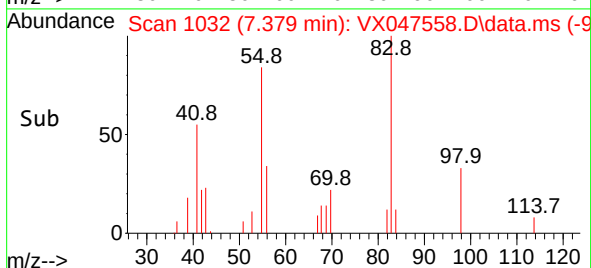
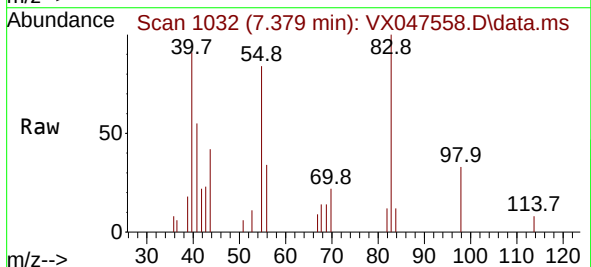


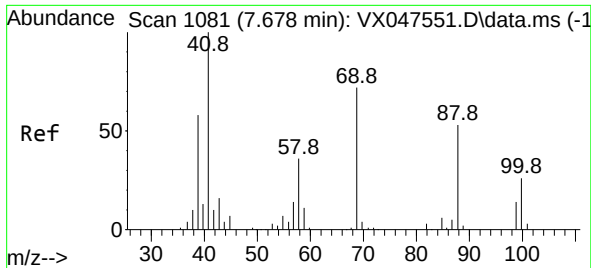
Tgt Ion:117 Resp: 18116
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 0.464 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 83 Resp: 1779
Ion Ratio Lower Upper
83 100
55 84.5 65.4 98.2
98 33.3 39.0 58.4#

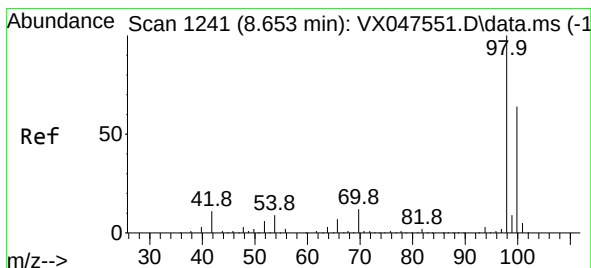
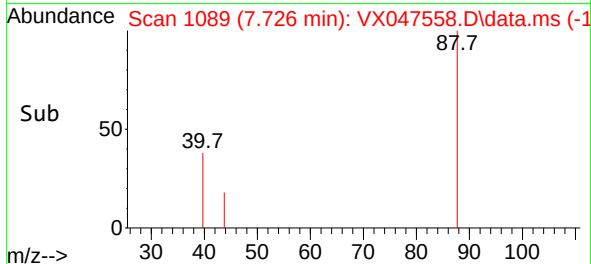
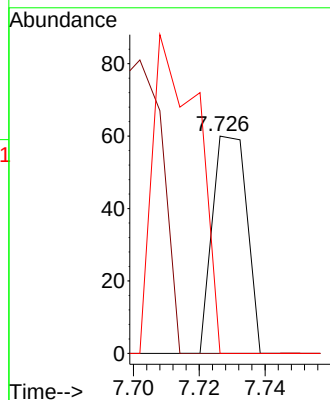
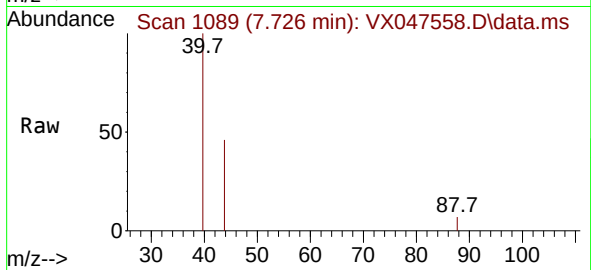




#49
1,4-Dioxane
Concen: 1.641 ug/l
RT: 7.726 min Scan# 1081
Delta R.T. 0.049 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

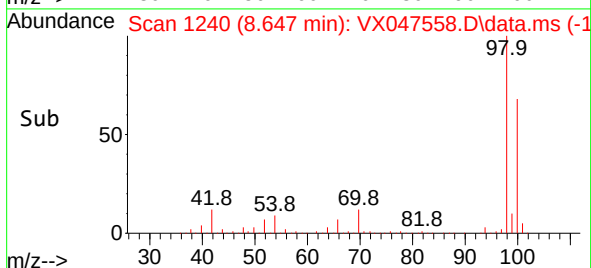
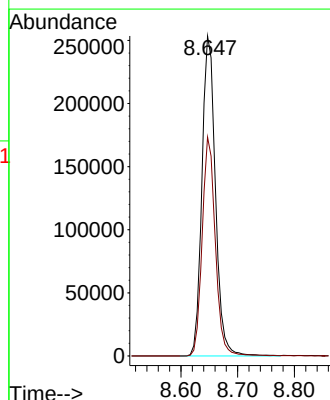
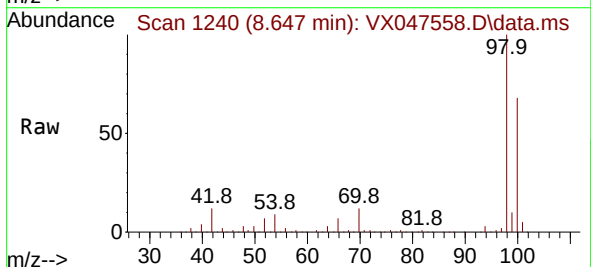
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

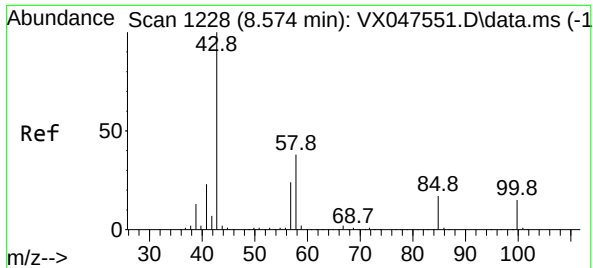
Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 0.0 31.9 47.9#
58 188.6 57.5 86.3#



#50
Toluene-d8
Concen: 51.101 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 98 Resp: 418768
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3





#51

4-Methyl-2-Pentanone

Concen: 0.405 ug/l

RT: 8.592 min Scan# 1181

Delta R.T. 0.018 min

Lab File: VX047558.D

Acq: 29 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

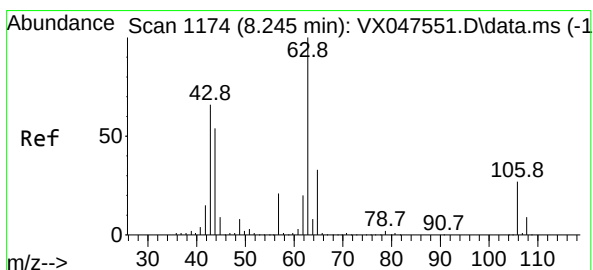
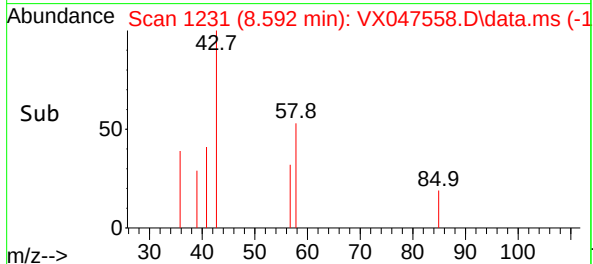
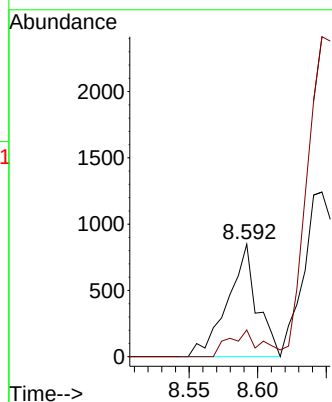
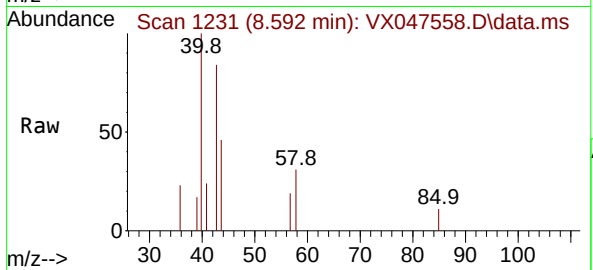
VX0829MBL01

Tgt Ion: 43 Resp: 1261

Ion Ratio Lower Upper

43 100

58 25.9 30.4 45.6#



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.287 min Scan# 1181

Delta R.T. 0.042 min

Lab File: VX047558.D

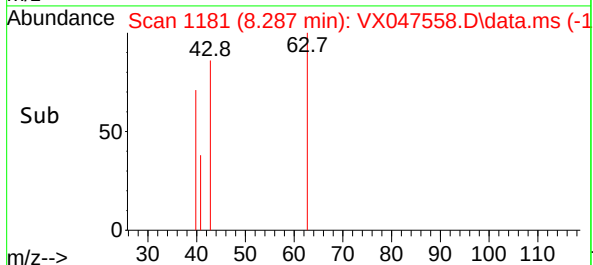
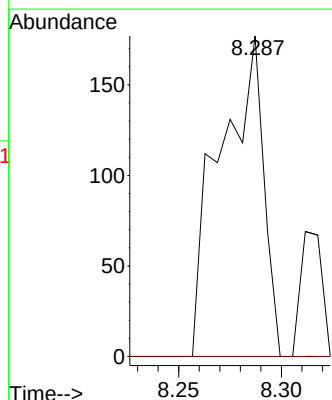
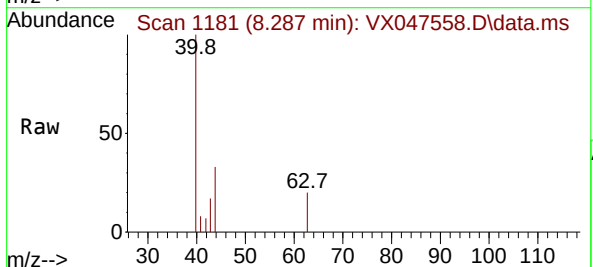
Acq: 29 Aug 2025 10:14

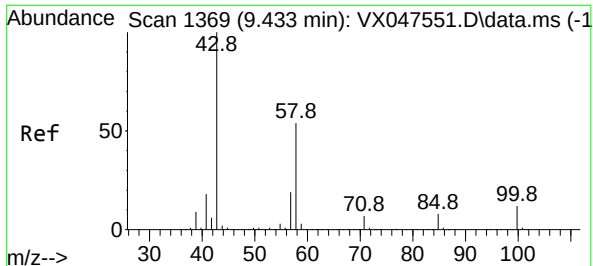
Tgt Ion: 63 Resp: 261

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.4#





#59

2-Hexanone

Concen: 0.371 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX047558.D

Acq: 29 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

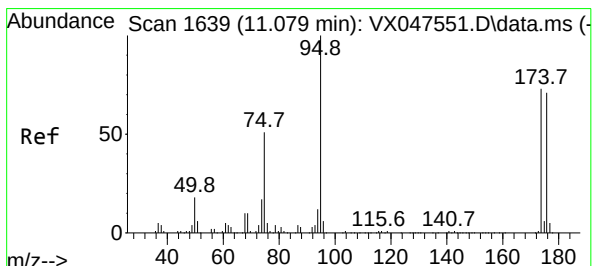
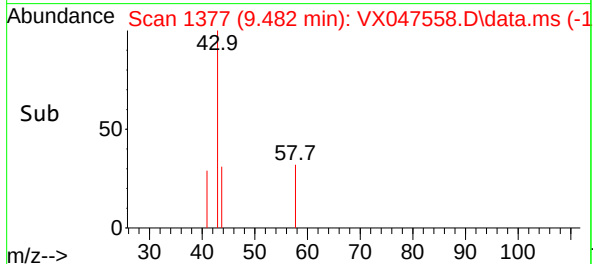
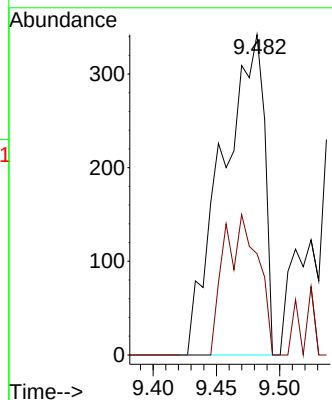
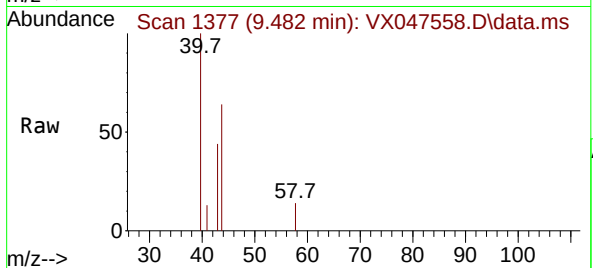
VX0829MBL01

Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

58 35.5 26.7 80.0



#62

4-Bromofluorobenzene

Concen: 56.810 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX047558.D

Acq: 29 Aug 2025 10:14

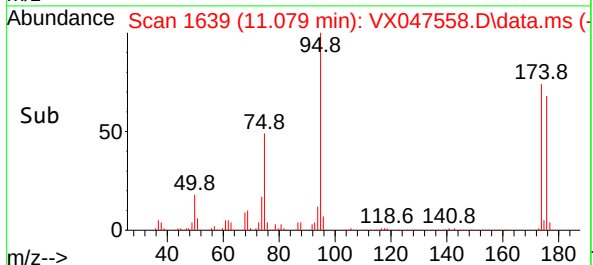
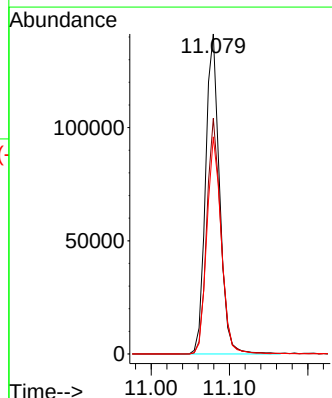
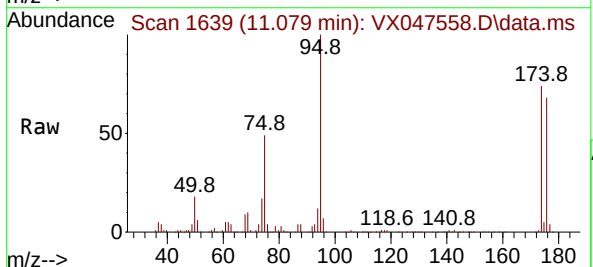
Tgt Ion: 95 Resp: 174899

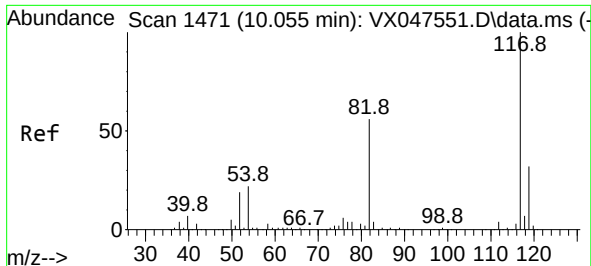
Ion Ratio Lower Upper

95 100

174 74.3 0.0 145.2

176 69.9 0.0 140.4

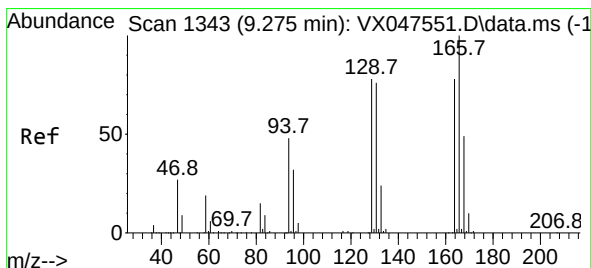
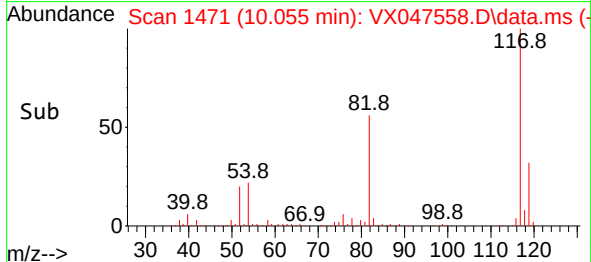
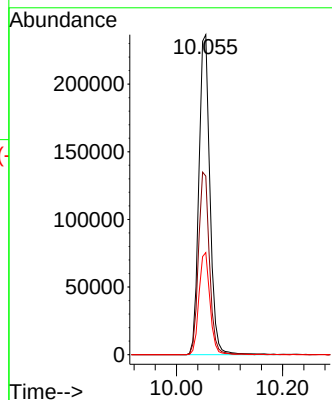
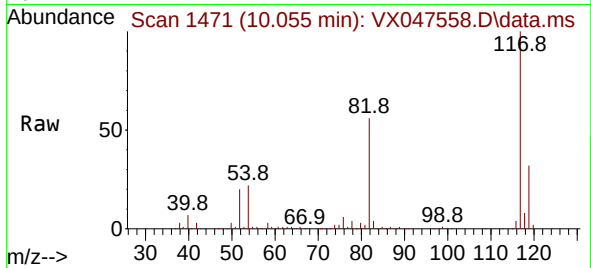




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

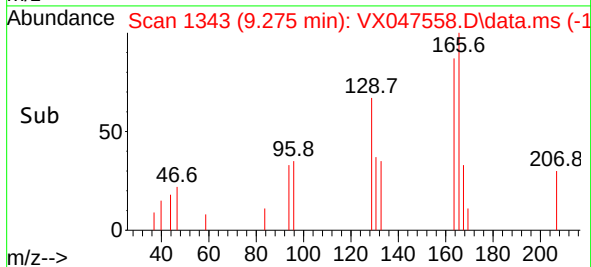
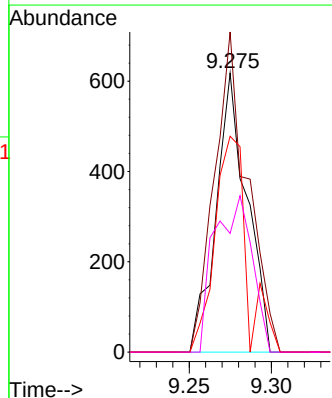
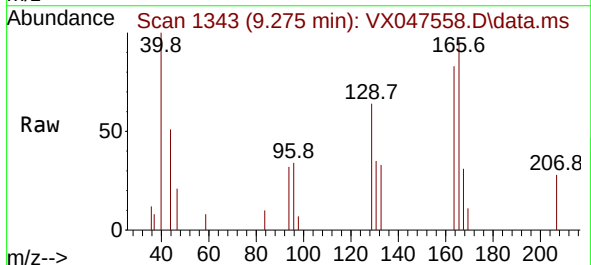
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

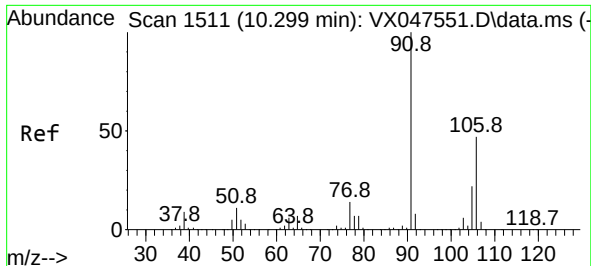
Tgt Ion:117 Resp: 341218
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 0.353 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:164 Resp: 806
Ion Ratio Lower Upper
164 100
166 114.7 102.1 153.1
129 77.3 79.3 118.9#
131 42.6 77.1 115.7#

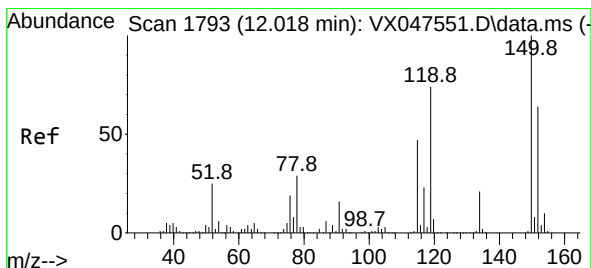
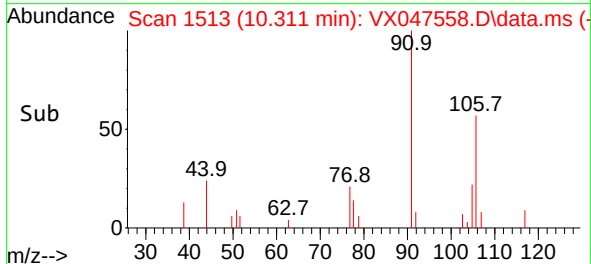
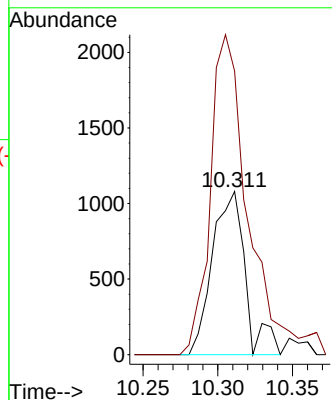
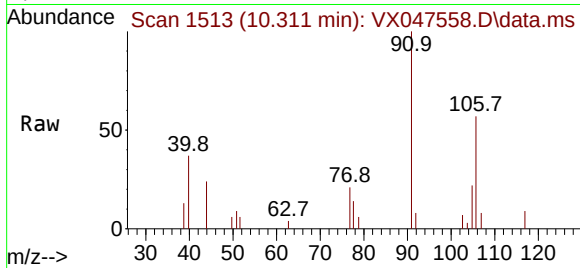




#68
m/p-Xylenes
Concen: 0.332 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

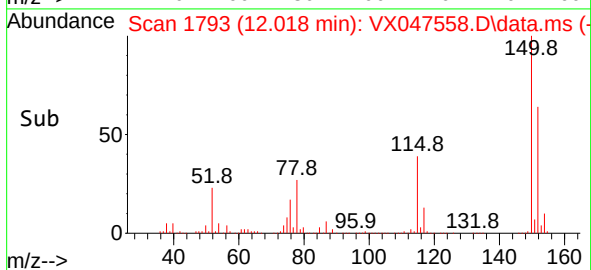
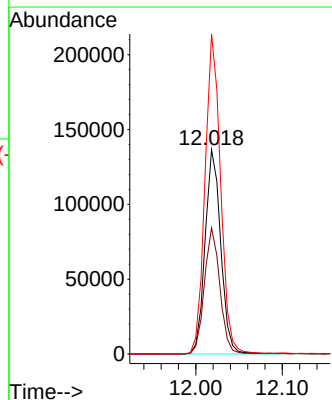
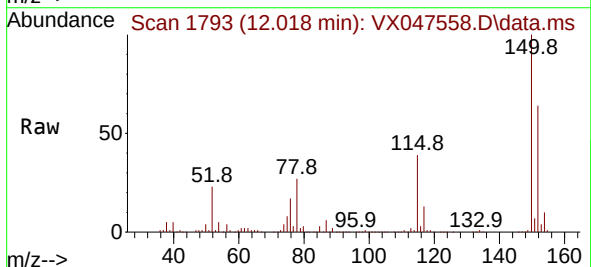
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

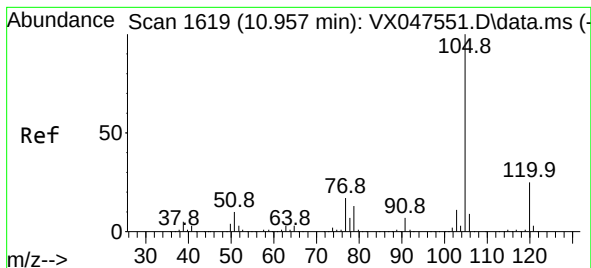
Tgt Ion:106 Resp: 1656
Ion Ratio Lower Upper
106 100
91 226.2 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:152 Resp: 171442
Ion Ratio Lower Upper
152 100
115 61.0 42.9 128.5
150 155.4 0.0 351.0





#73

Isopropylbenzene

Concen: 0.204 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047558.D

Acq: 29 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

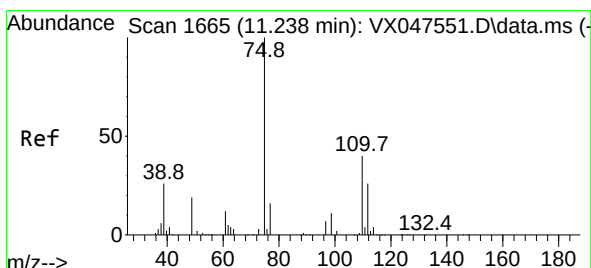
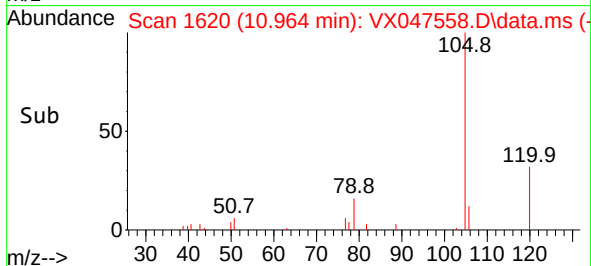
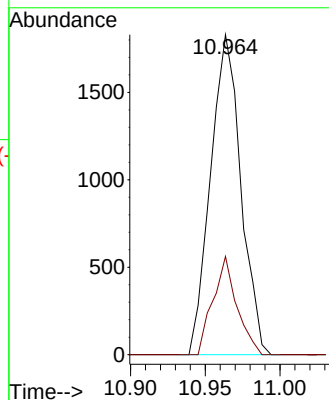
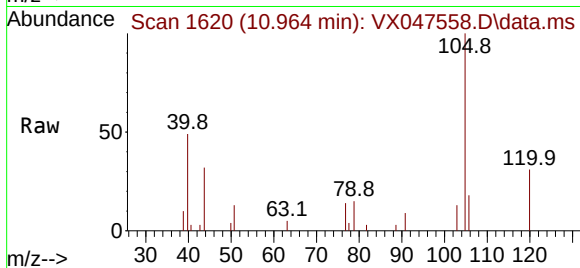
VX0829MBL01

Tgt Ion:105 Resp: 2578

Ion Ratio Lower Upper

105 100

120 24.2 12.8 38.4



#76

1,2,3-Trichloropropane

Concen: 29.463 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX047558.D

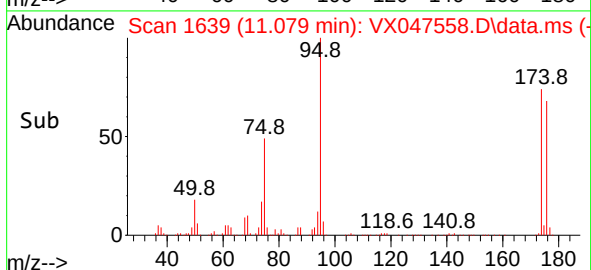
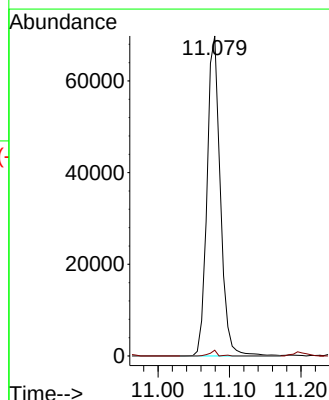
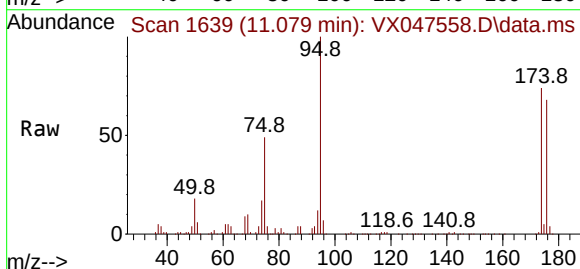
Acq: 29 Aug 2025 10:14

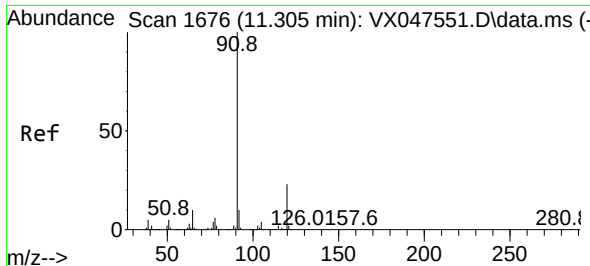
Tgt Ion: 75 Resp: 90152

Ion Ratio Lower Upper

75 100

77 0.9 19.7 59.1#

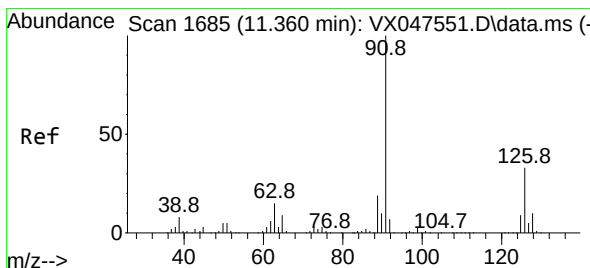
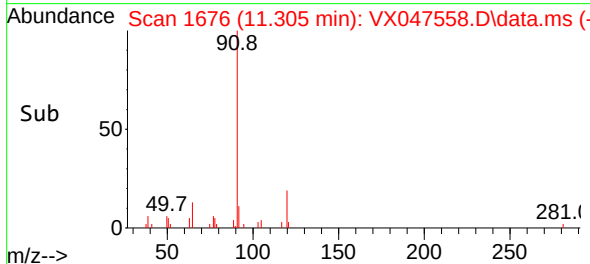
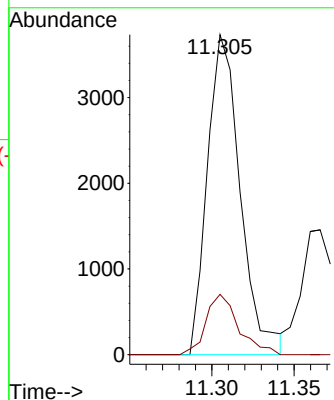
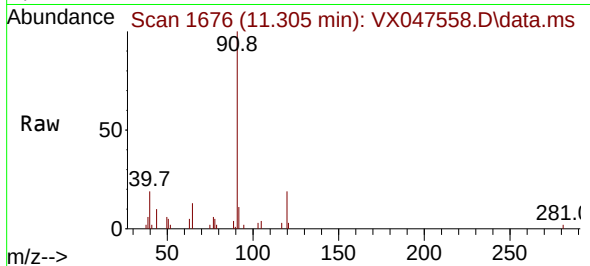




#78
n-propylbenzene
Concen: 0.346 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

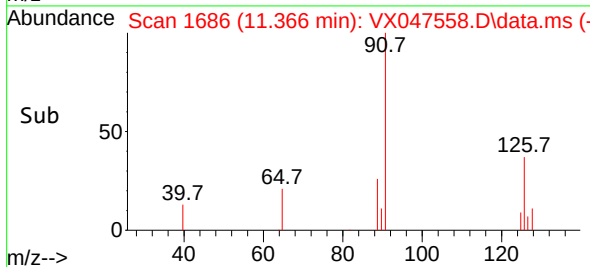
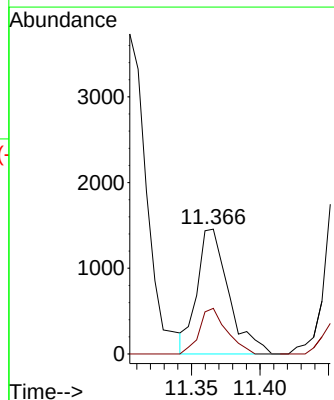
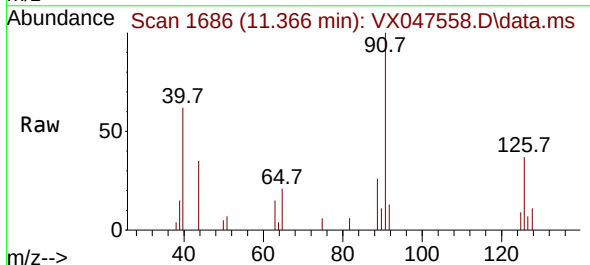
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

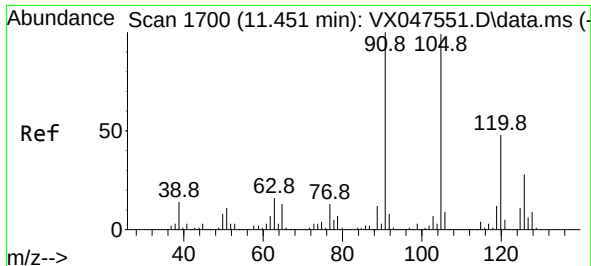
Tgt Ion: 91 Resp: 5194
Ion Ratio Lower Upper
91 100
120 18.7 11.2 33.6



#79
2-Chlorotoluene
Concen: 0.250 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 91 Resp: 2329
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.2

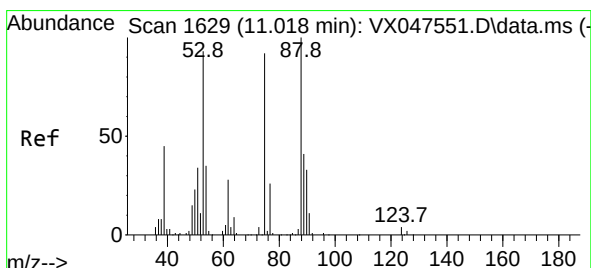
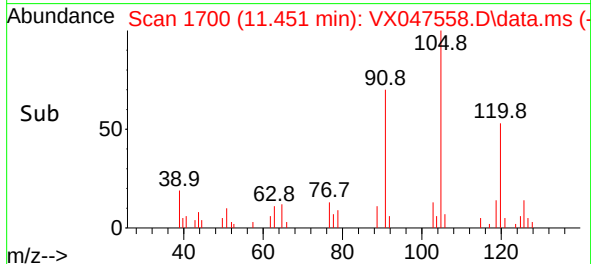
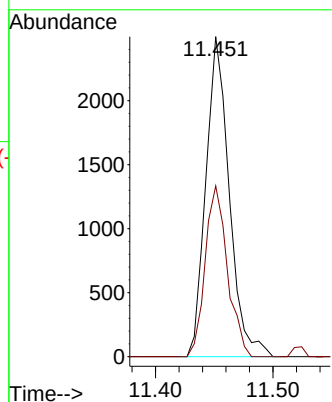
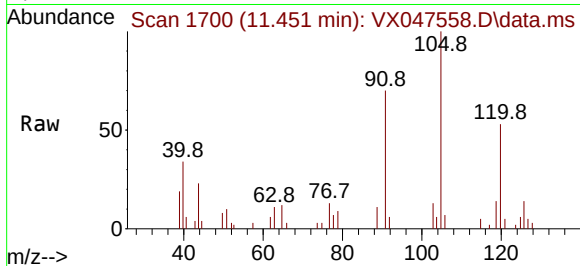




#80
1,3,5-Trimethylbenzene
Concen: 0.335 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

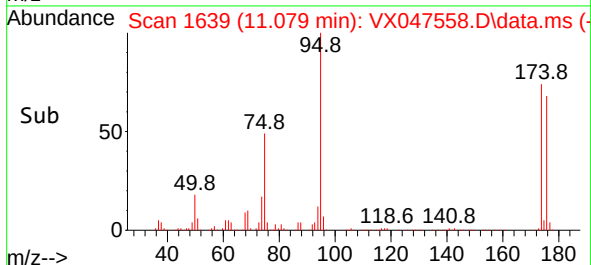
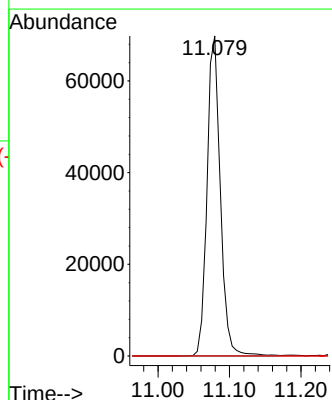
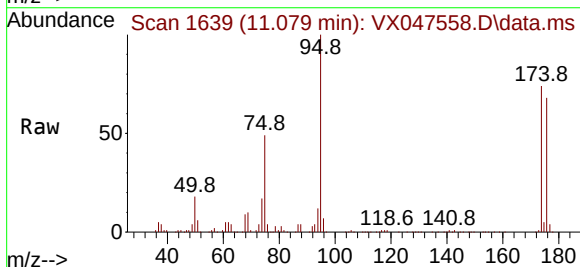
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

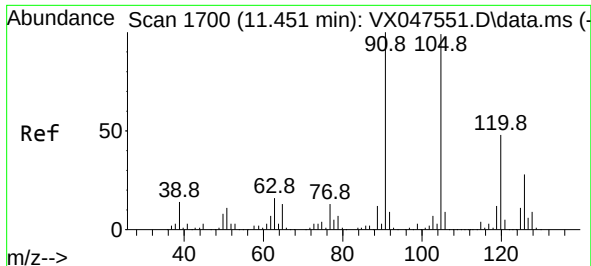
Tgt Ion:105 Resp: 3457
Ion Ratio Lower Upper
105 100
120 50.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 104.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 75 Resp: 90152
Ion Ratio Lower Upper
75 100
53 0.0 85.7 128.5#
89 0.0 36.4 54.6#

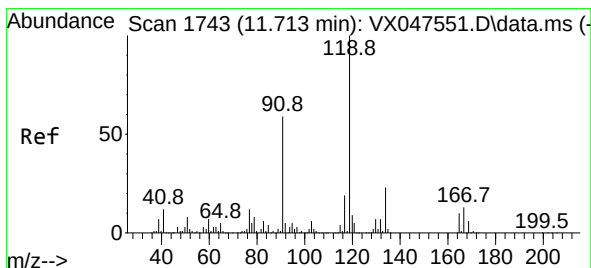
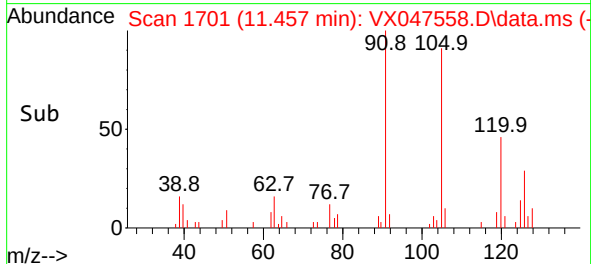
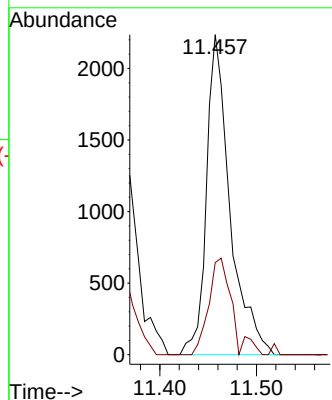
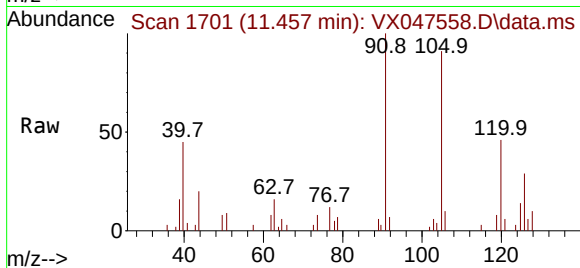




#82
4-Chlorotoluene
Concen: 0.346 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

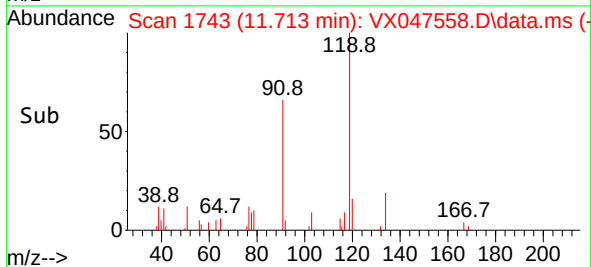
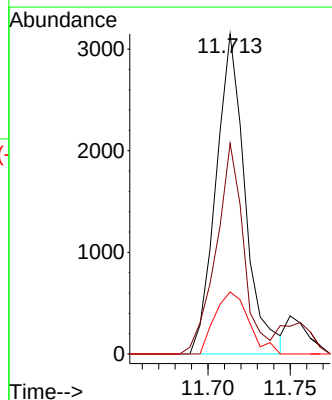
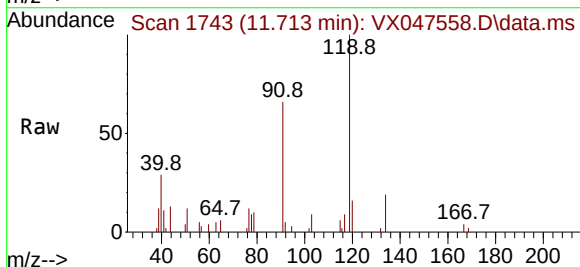
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

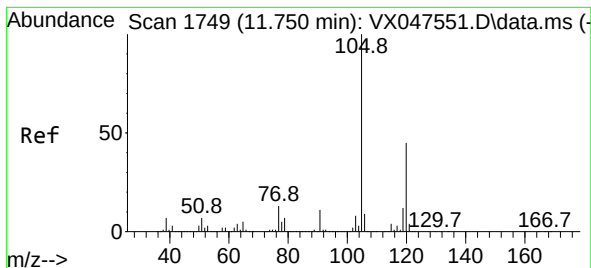
Tgt Ion: 91 Resp: 3783
Ion Ratio Lower Upper
91 100
126 29.8 14.6 43.8



#83
tert-Butylbenzene
Concen: 0.373 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 119 Resp: 3880
Ion Ratio Lower Upper
119 100
91 62.3 28.5 85.5
134 22.5 11.3 33.9





#84

1,2,4-Trimethylbenzene

Concen: 0.328 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047558.D

Acq: 29 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

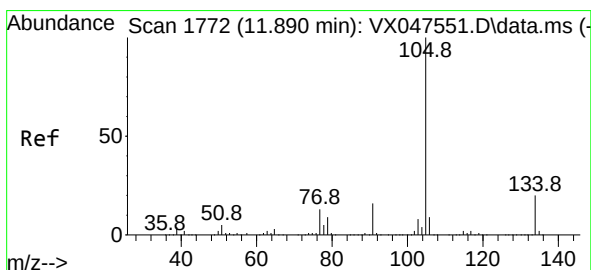
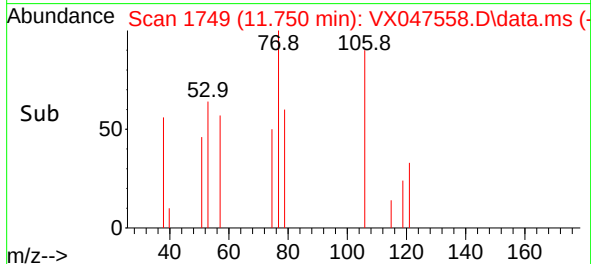
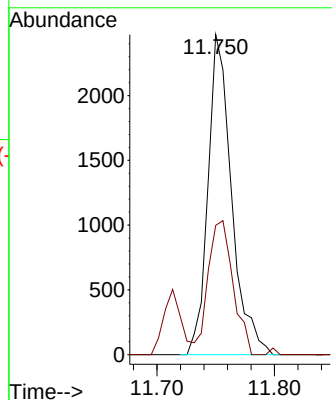
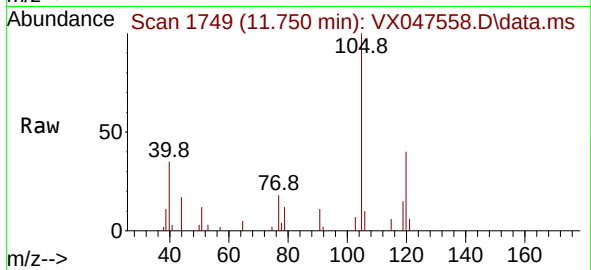
VX0829MBL01

Tgt Ion:105 Resp: 3450

Ion Ratio Lower Upper

105 100

120 43.9 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.744 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX047558.D

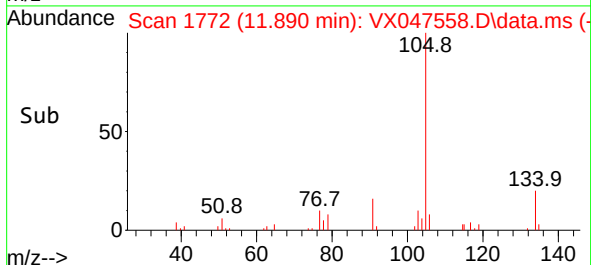
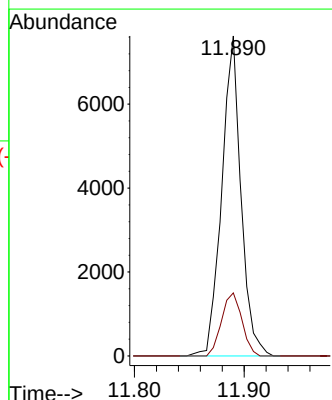
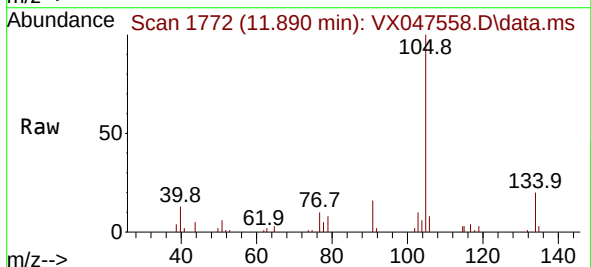
Acq: 29 Aug 2025 10:14

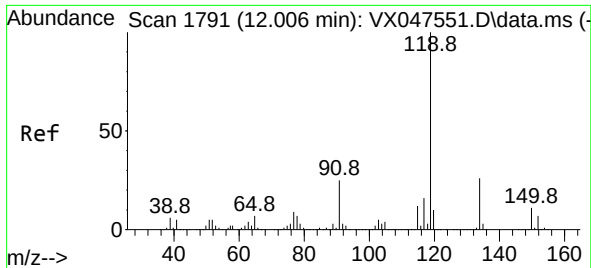
Tgt Ion:105 Resp: 9303

Ion Ratio Lower Upper

105 100

134 20.7 9.8 29.5

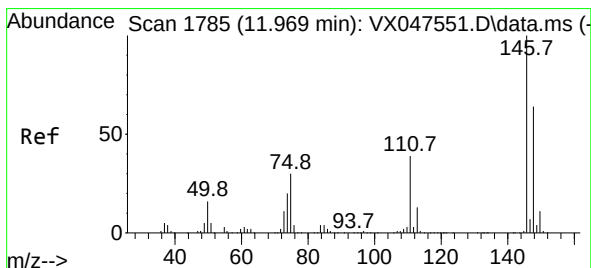
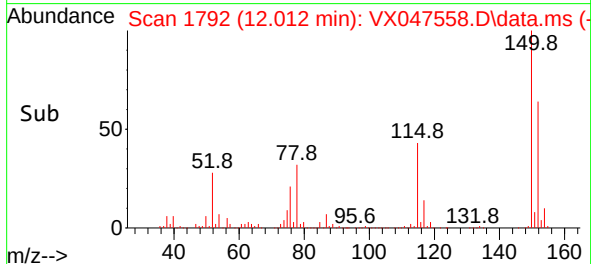
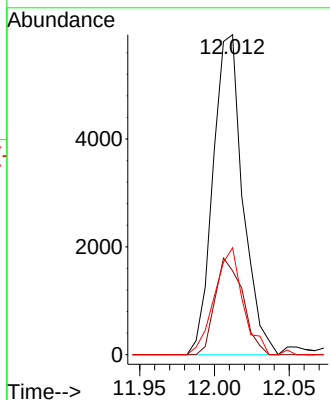
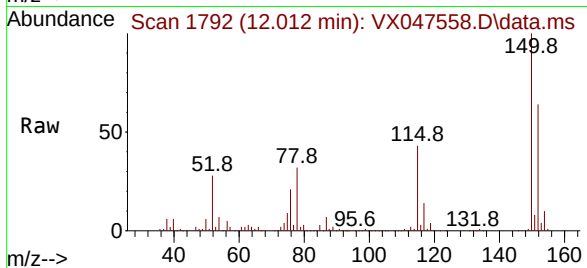




#86
p-Isopropyltoluene
Concen: 0.784 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

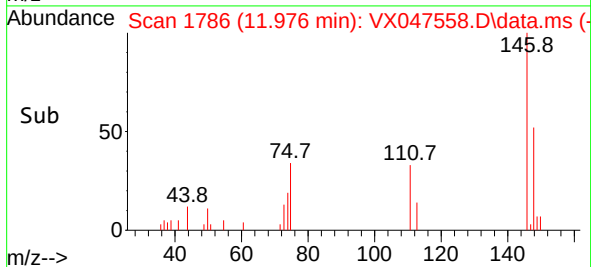
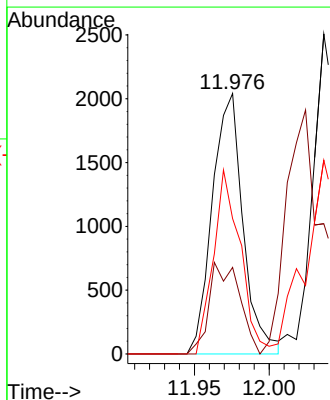
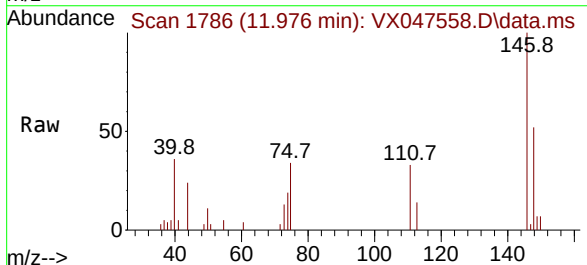
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

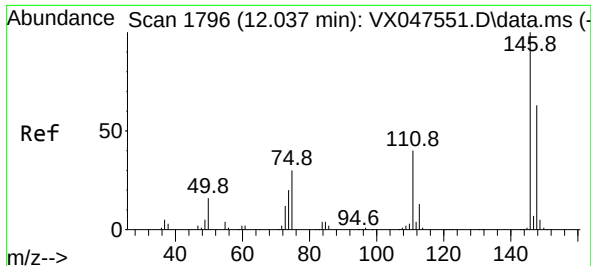
Tgt Ion:119 Resp: 8226
Ion Ratio Lower Upper
119 100
134 28.0 13.0 38.9
91 31.7 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.486 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:146 Resp: 2923
Ion Ratio Lower Upper
146 100
111 34.7 20.6 61.9
148 61.8 31.9 95.5

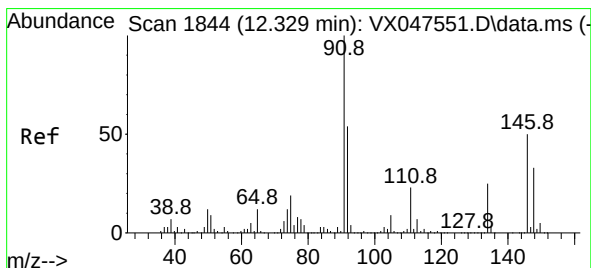
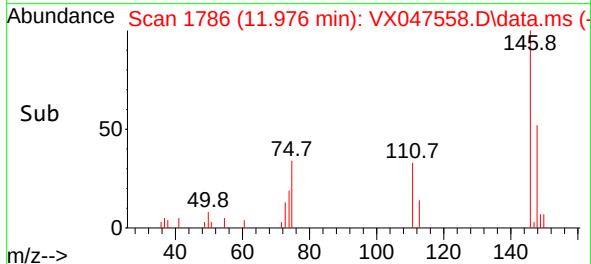
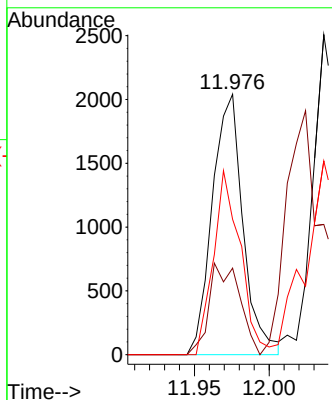
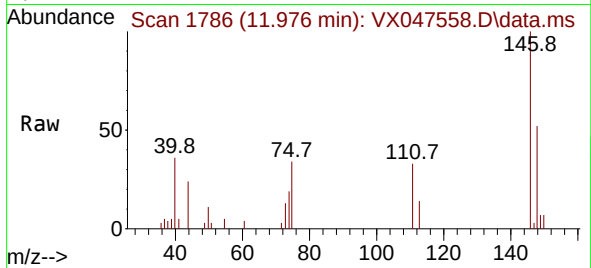




#88
1,4-Dichlorobenzene
Concen: 0.471 ug/l
RT: 11.976 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

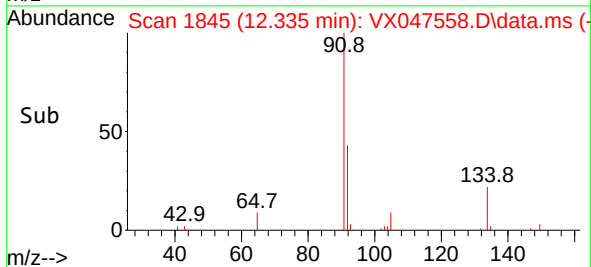
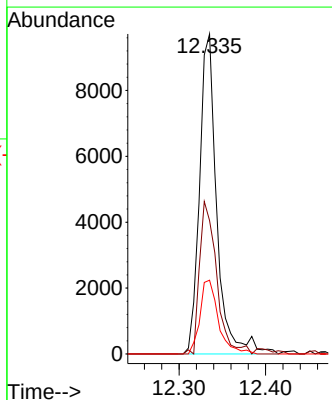
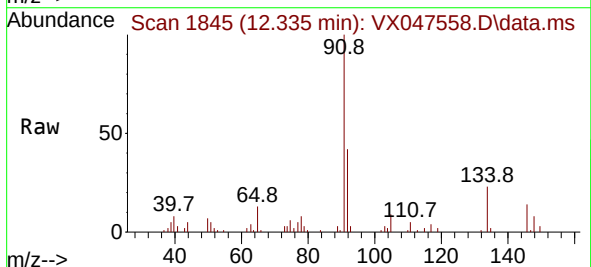
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

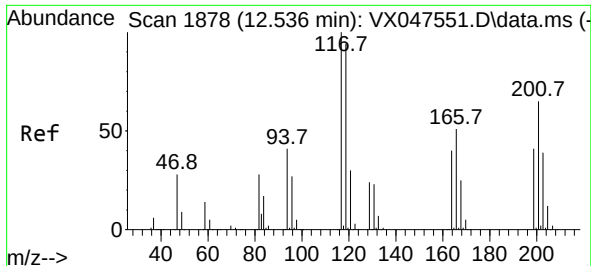
Tgt Ion:146 Resp: 2923
Ion Ratio Lower Upper
146 100
111 34.7 20.1 60.2
148 61.8 31.8 95.4



#89
n-Butylbenzene
Concen: 1.387 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 91 Resp: 13427
Ion Ratio Lower Upper
91 100
92 47.2 27.0 81.0
134 24.7 12.6 37.6

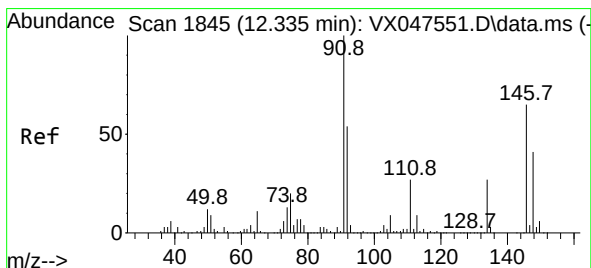
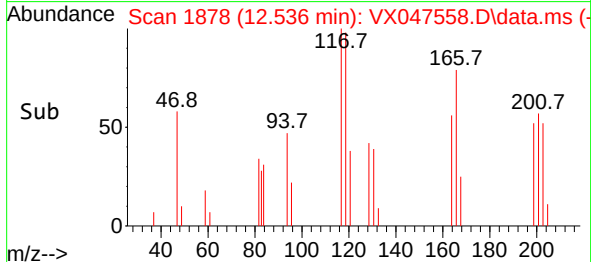
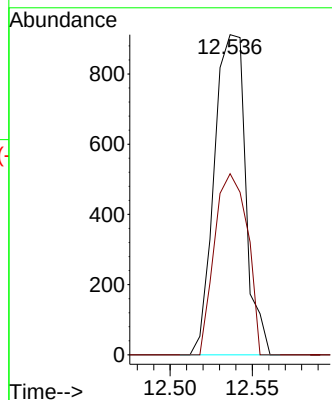
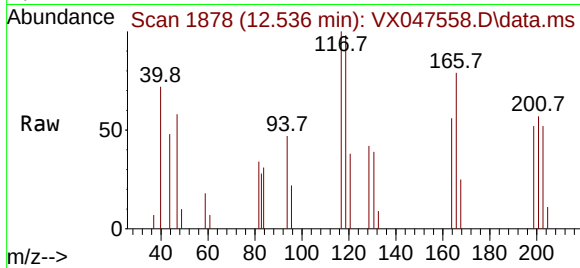




#90
Hexachloroethane
Concen: 0.627 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

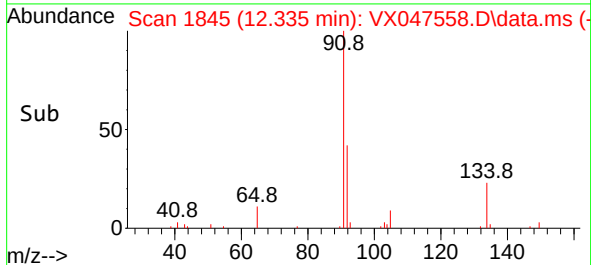
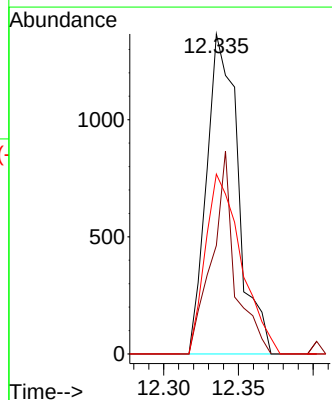
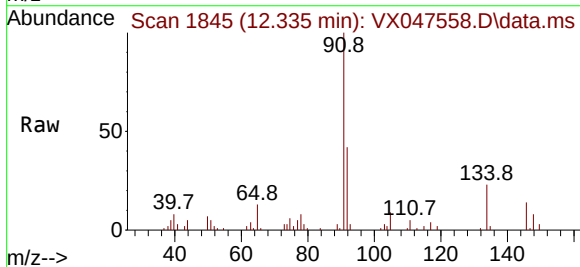
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

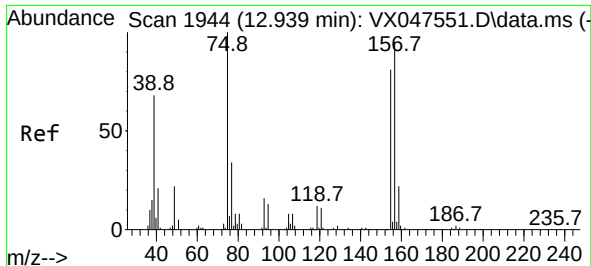
Tgt Ion:117 Resp: 1209
Ion Ratio Lower Upper
117 100
201 59.5 33.7 101.1



#91
1,2-Dichlorobenzene
Concen: 0.340 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:146 Resp: 2002
Ion Ratio Lower Upper
146 100
111 46.0 21.7 65.1
148 64.2 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.371 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.012 min

Lab File: VX047558.D

Acq: 29 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0829MBL01

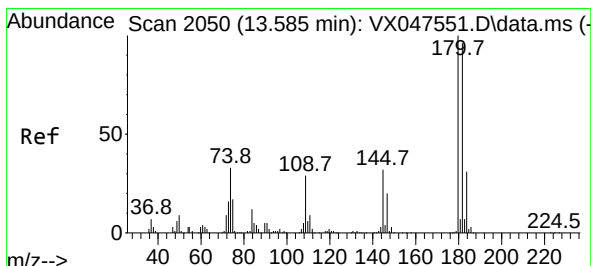
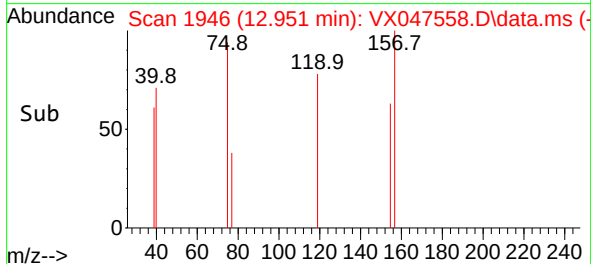
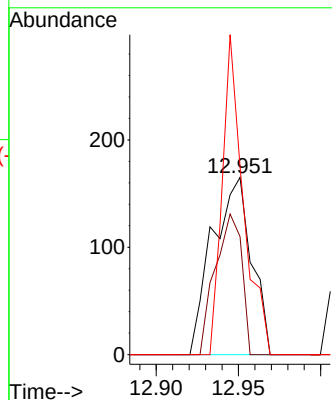
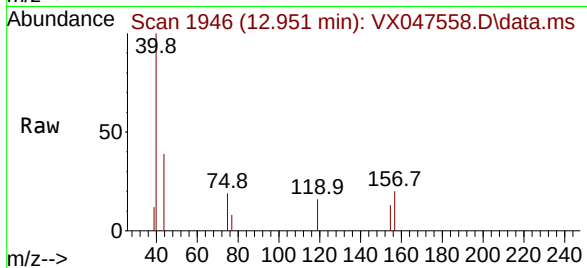
Tgt Ion: 75 Resp: 273

Ion Ratio Lower Upper

75 100

155 53.8 41.9 125.6

157 97.4 51.8 155.4



#93

1,2,4-Trichlorobenzene

Concen: 1.723 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX047558.D

Acq: 29 Aug 2025 10:14

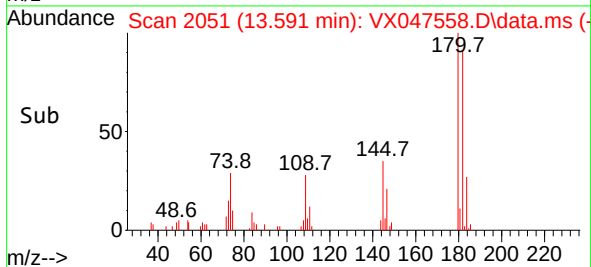
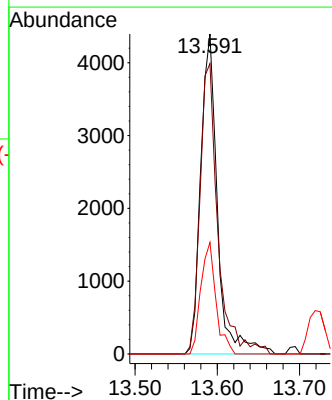
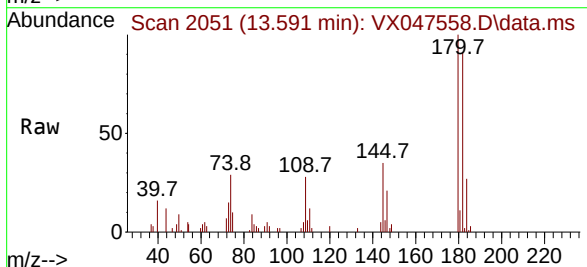
Tgt Ion: 180 Resp: 6192

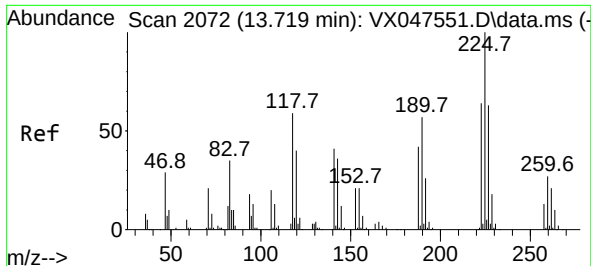
Ion Ratio Lower Upper

180 100

182 96.7 47.7 143.1

145 31.6 16.3 48.8

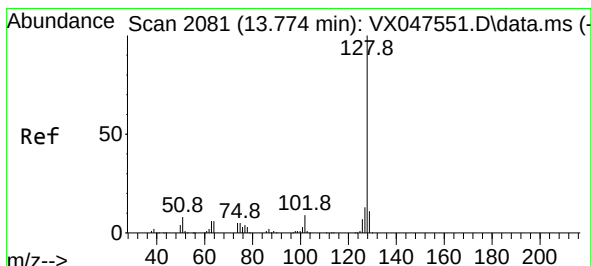
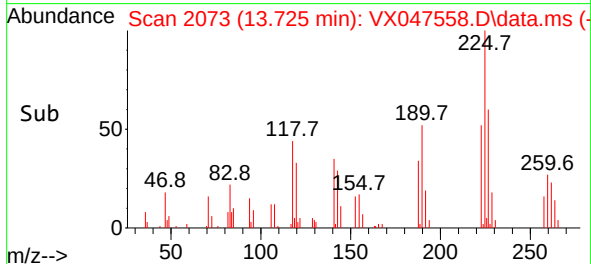
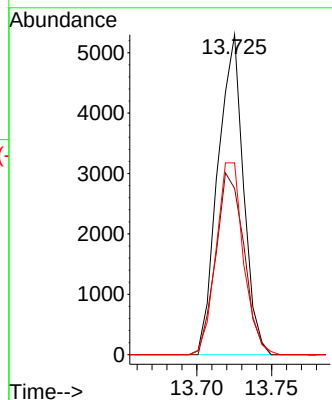
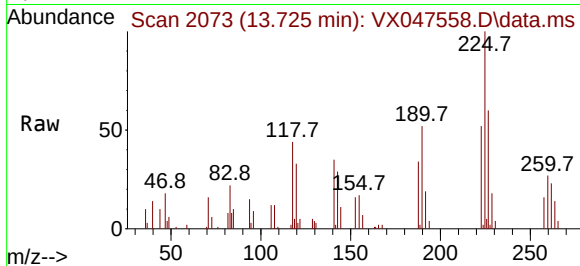




#94
Hexachlorobutadiene
Concen: 5.038 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

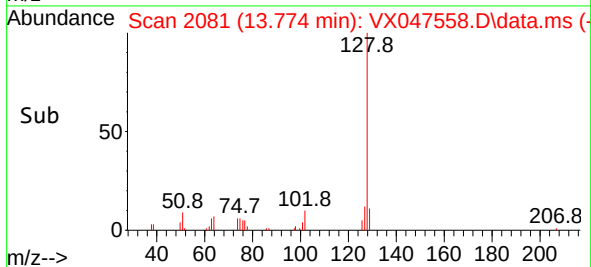
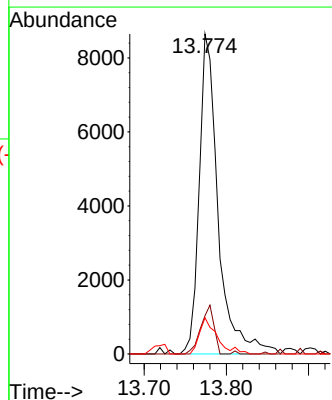
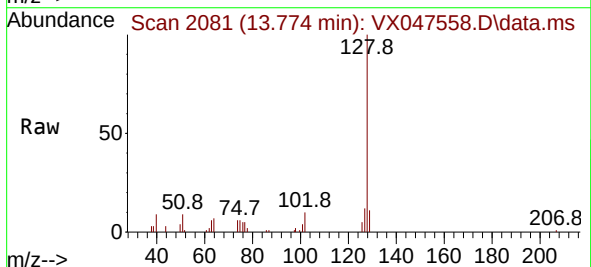
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

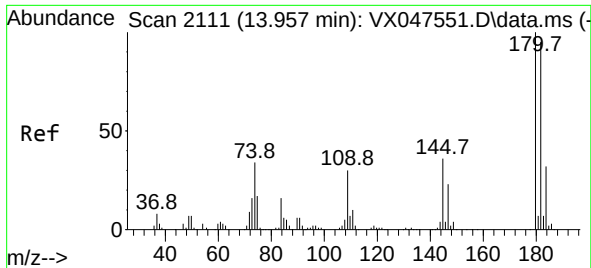
Tgt Ion:225 Resp: 6293
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.5
227 64.4 31.8 95.3



#95
Naphthalene
Concen: 1.315 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:128 Resp: 13818
Ion Ratio Lower Upper
128 100
127 10.5 10.0 15.0
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.852 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX047558.D
 Acq: 29 Aug 2025 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829MBL01

Tgt Ion:180 Resp: 6253
 Ion Ratio Lower Upper
 180 100
 182 92.3 48.1 144.4
 145 28.5 17.6 52.9

