

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047543.D
 Acq On : 28 Aug 2025 11:00
 Operator : JC/MD
 Sample : VX0828MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBL01

Quant Time: Aug 29 02:35:11 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	5.562	168	165336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	333650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	165139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137133	54.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.020%			
35) Dibromofluoromethane	5.391	113	116799	50.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	8.647	98	415366	51.460	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.079	95	166813	55.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.020%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	732	0.370	ug/l #	70
5) Bromomethane	1.636	94	405	0.403	ug/l	82
6) Chloroethane	1.715	64	304	0.206	ug/l	91
10) Methyl Iodide	2.477	142	6938	2.129	ug/l	93
11) Tert butyl alcohol	2.959	59	157	0.673	ug/l #	73
13) Acrolein	2.246	56	143	0.306	ug/l #	1
15) Acrylonitrile	3.093	53	1161	1.112	ug/l #	82
16) Acetone	2.386	43	1995	1.984	ug/l	93
17) Carbon Disulfide	2.532	76	4123	0.664	ug/l #	92
20) Methylene Chloride	2.813	84	713	0.279	ug/l #	87
21) trans-1,2-Dichloroethene	3.117	96	482	0.217	ug/l #	49
29) Tetrahydrofuran	5.050	42	241	0.293	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	13550	4.135	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17276	4.751	ug/l #	16
39) Methylcyclohexane	7.385	83	1399	0.370	ug/l #	92
49) 1,4-Dioxane	7.684	88	65	2.461	ug/l #	21
51) 4-Methyl-2-Pentanone	8.574	43	1209	0.394	ug/l #	67
58) 2-Chloroethyl Vinyl ether	8.281	63	184	Below Cal	#	47
64) Tetrachloroethene	9.275	164	489	0.219	ug/l #	68
68) m/p-Xylenes	10.305	106	1179	0.242	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	87349	29.637	ug/l #	38
78) n-propylbenzene	11.305	91	4062	0.281	ug/l	93
79) 2-Chlorotoluene	11.366	91	1897	0.211	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	2357	0.237	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	87349	104.670	ug/l #	7
82) 4-Chlorotoluene	11.457	91	2284	0.217	ug/l	96
83) tert-Butylbenzene	11.713	119	3229	0.322	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	2521	0.249	ug/l	92
85) sec-Butylbenzene	11.890	105	7838	0.650	ug/l	98
86) p-Isopropyltoluene	12.006	119	7039	0.697	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	2048	0.353	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	2048	0.342	ug/l	96
89) n-Butylbenzene	12.335	91	11291	1.211	ug/l	97
90) Hexachloroethane	12.530	117	1127	0.607	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	1701	0.300	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	12.951	75	223	0.315	ug/l	57

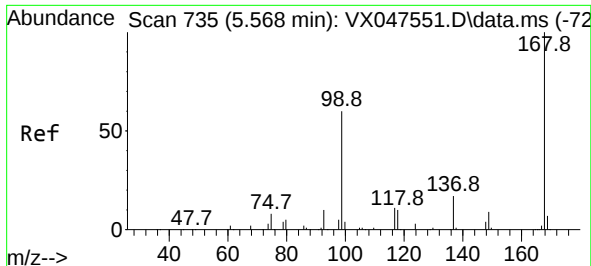
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Data File : VX047543.D
Acq On : 28 Aug 2025 11:00
Operator : JC/MD
Sample : VX0828MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 29 02:35:11 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

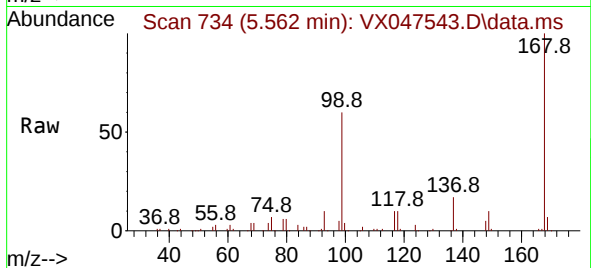
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.591	180	5467	1.579	ug/l	96
94) Hexachlorobutadiene	13.725	225	6915	5.747	ug/l	97
95) Naphthalene	13.774	128	11579	1.144	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	5894	1.813	ug/l	94

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

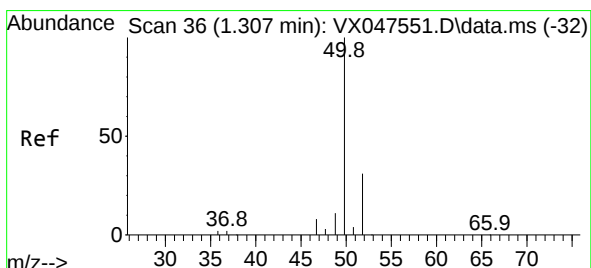
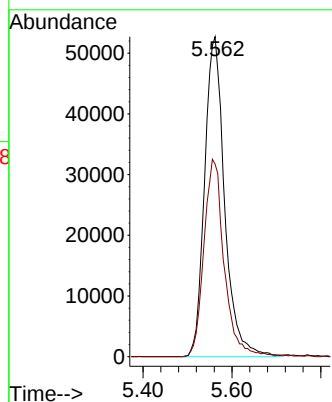
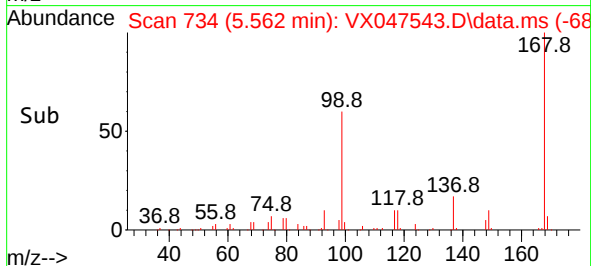


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

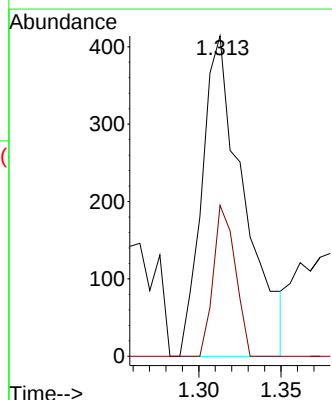
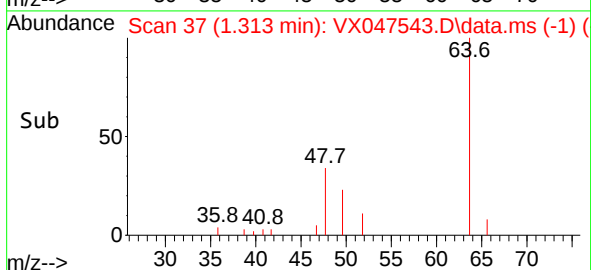
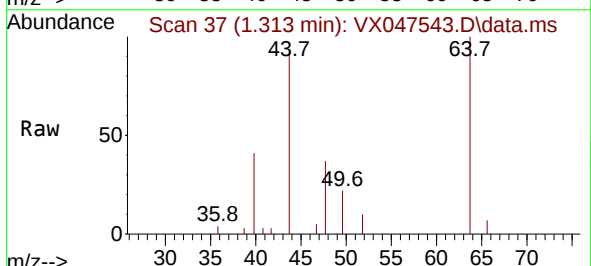


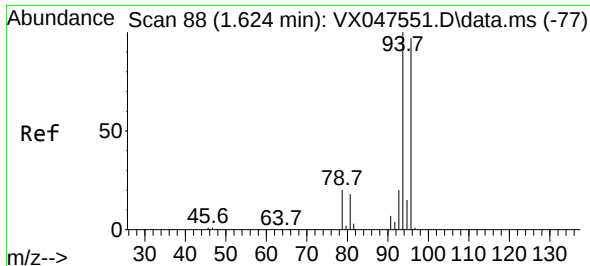
Tgt Ion:168 Resp: 165336
Ion Ratio Lower Upper
168 100
99 60.2 48.9 73.3



#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 50 Resp: 732
Ion Ratio Lower Upper
50 100
52 47.1 24.6 37.0#

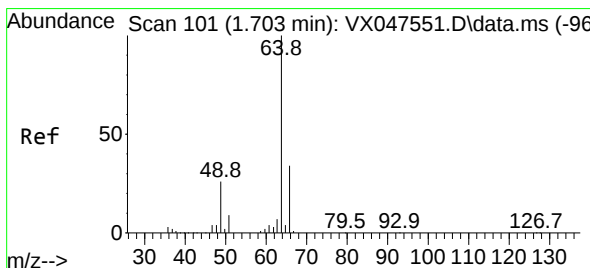
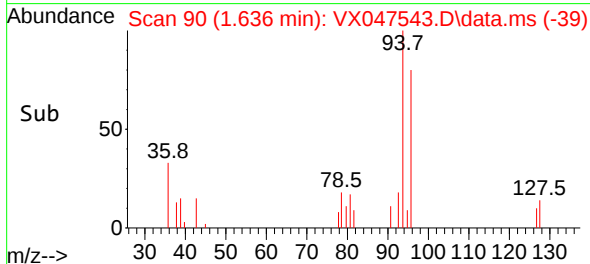
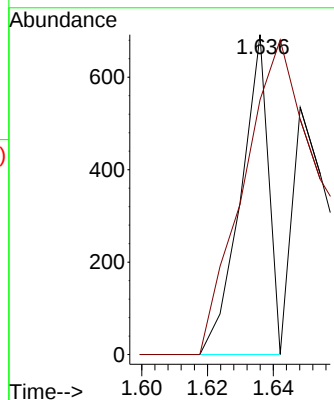
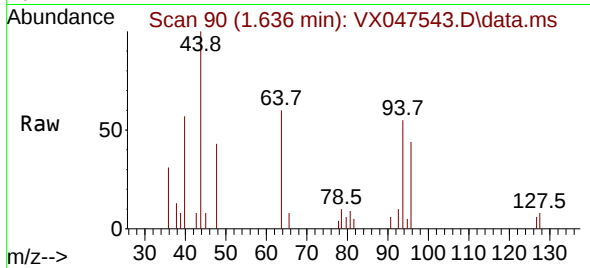




#5
Bromomethane
Concen: 0.403 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

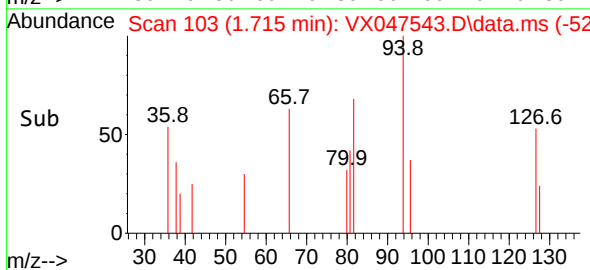
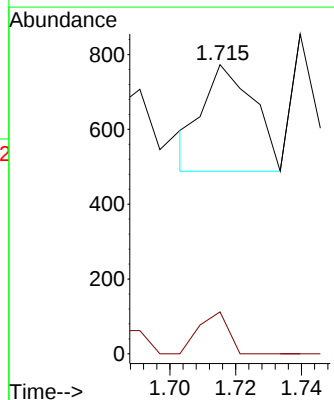
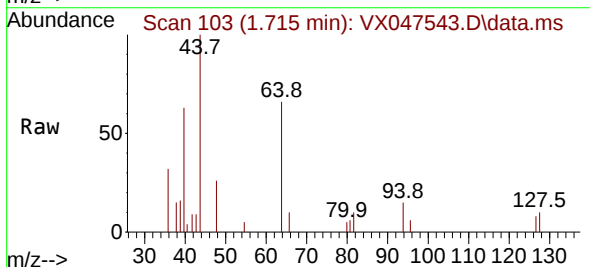
Instrument :
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ClientSampleId :
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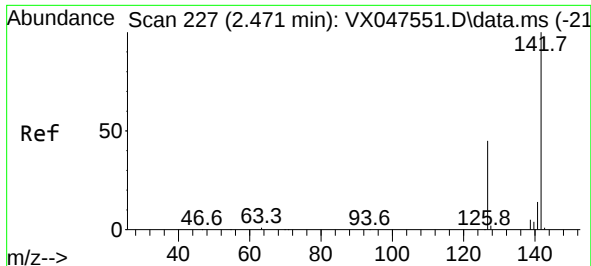
Tgt Ion: 94 Resp: 405
Ion Ratio Lower Upper
94 100
96 79.6 77.7 116.5



#6
Chloroethane
Concen: 0.206 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.012 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 39.3 27.4 41.2

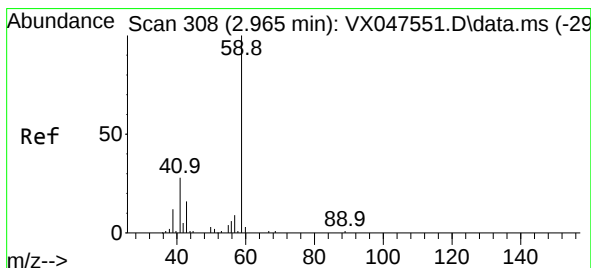
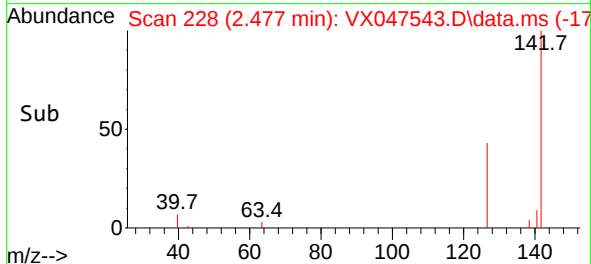
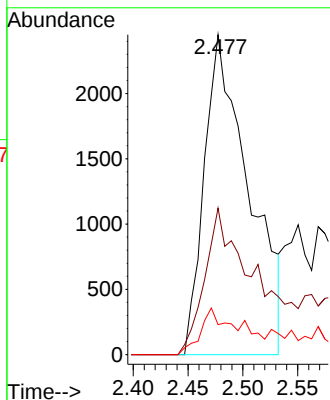
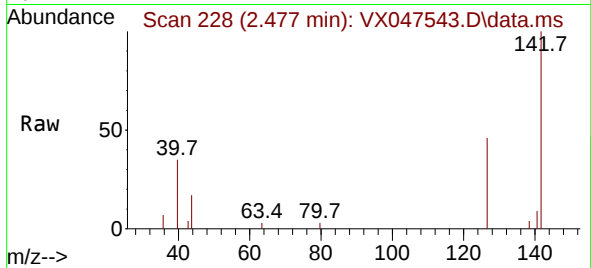




#10
Methyl Iodide
Concen: 2.129 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

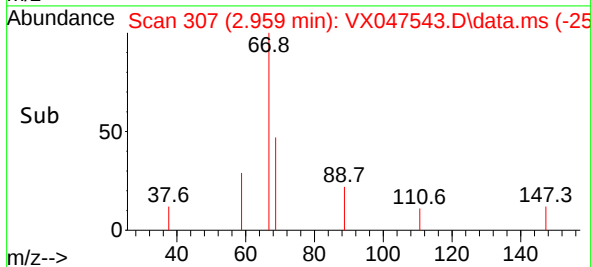
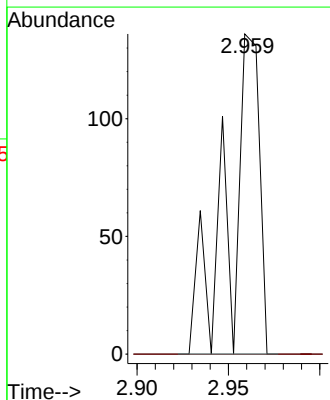
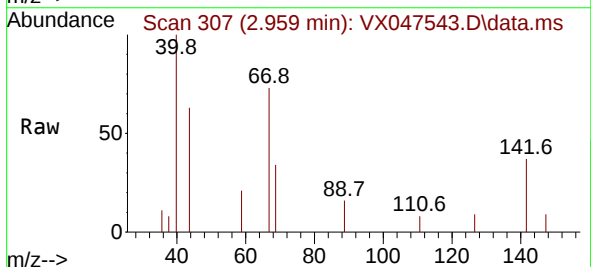
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

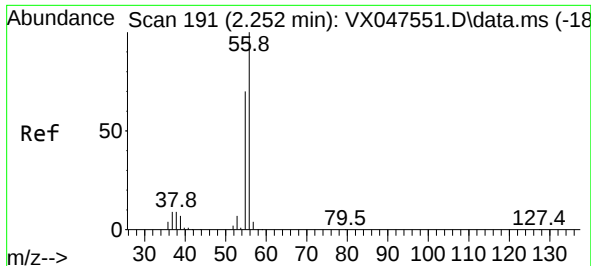
Tgt Ion:142 Resp: 6938
Ion Ratio Lower Upper
142 100
127 53.1 37.6 56.4
141 13.0 10.6 16.0



#11
Tert butyl alcohol
Concen: 0.673 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

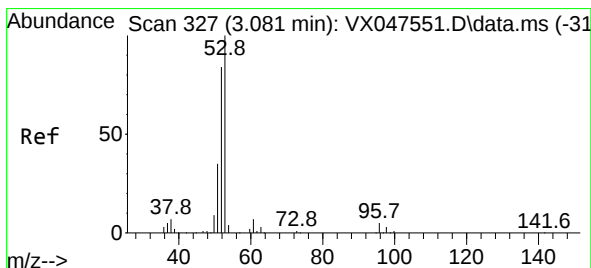
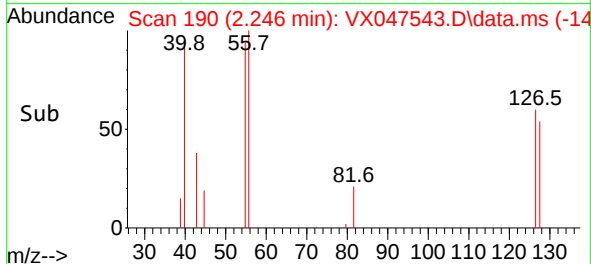
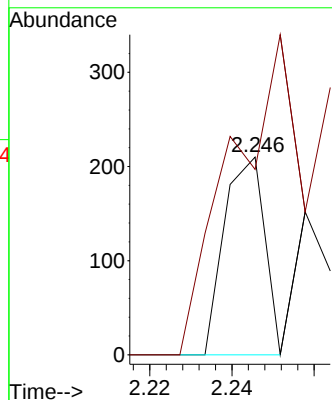
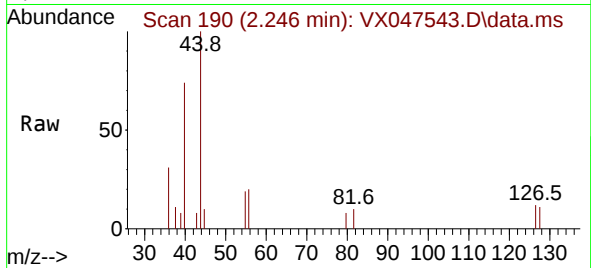




#13
Acrolein
Concen: 0.306 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

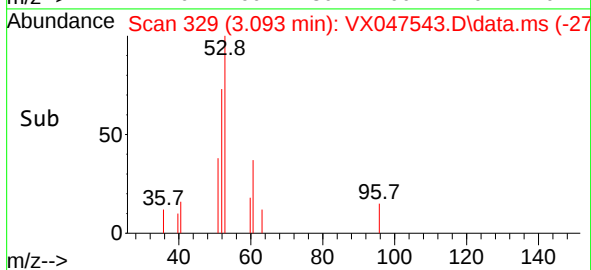
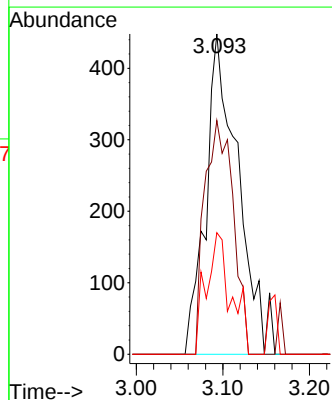
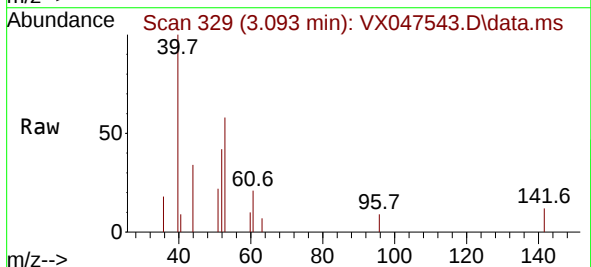
Instrument :
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ClientSampleId :
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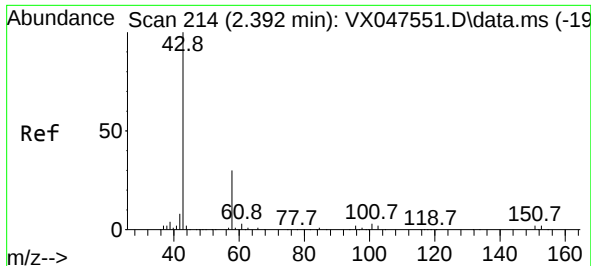
Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 392.3 57.0 85.6#



#15
Acrylonitrile
Concen: 1.112 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.012 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 53 Resp: 1161
Ion Ratio Lower Upper
53 100
52 64.6 66.2 99.4#
51 29.3 29.4 44.0#

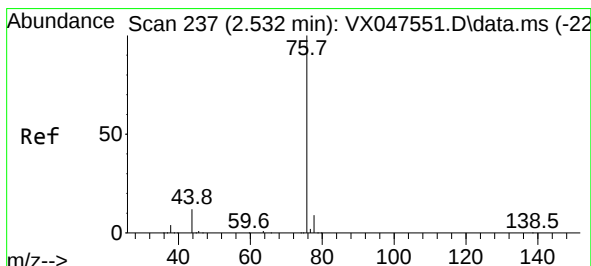
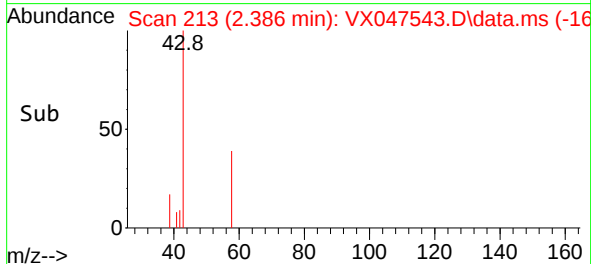
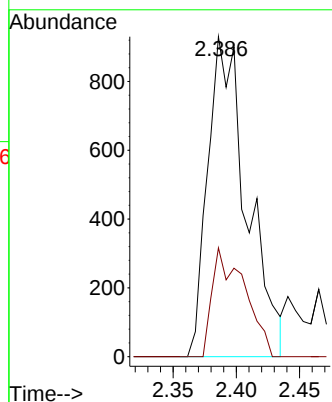
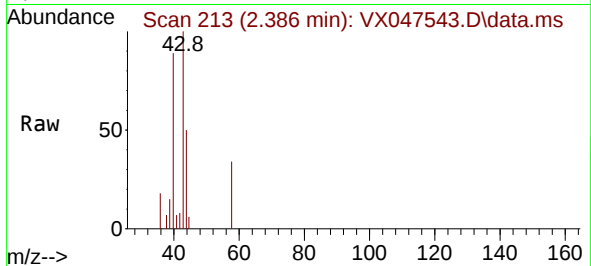




#16
Acetone
Concen: 1.984 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

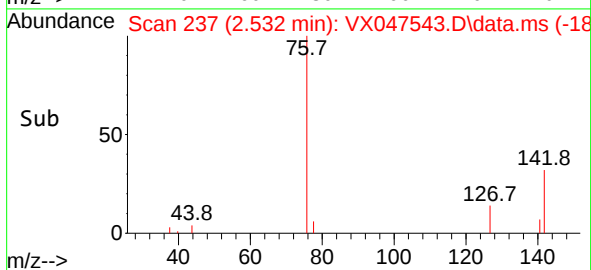
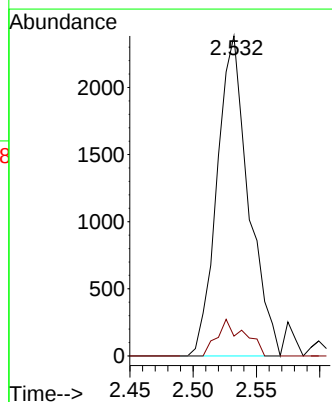
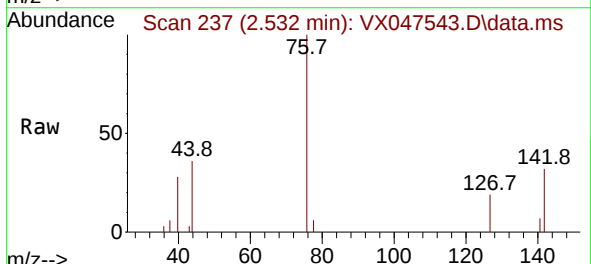
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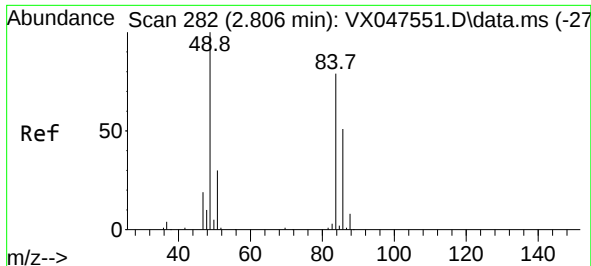
Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
58 34.0 24.2 36.2



#17
Carbon Disulfide
Concen: 0.664 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 76 Resp: 4123
Ion Ratio Lower Upper
76 100
78 6.2 7.4 11.0#

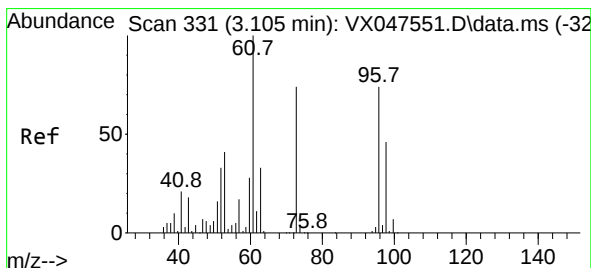
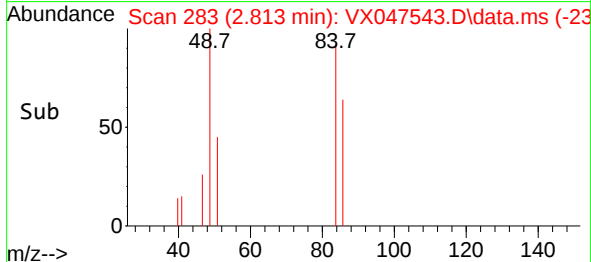
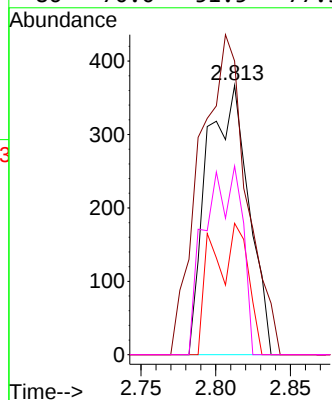
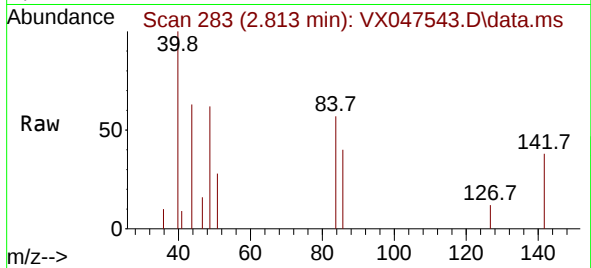




#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.813 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

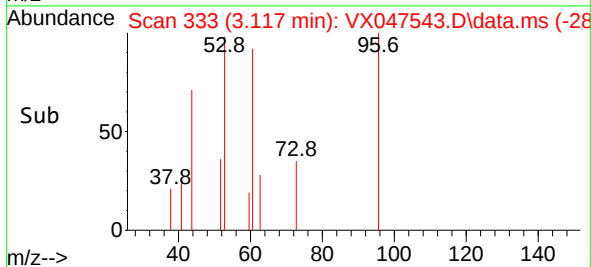
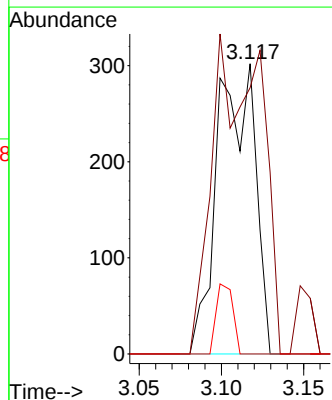
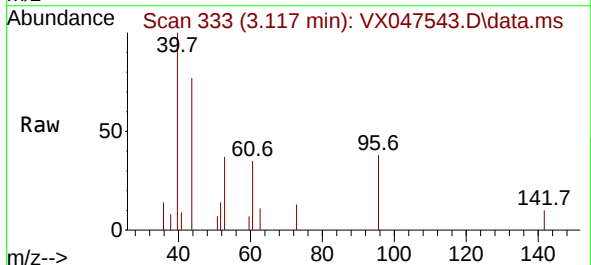
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

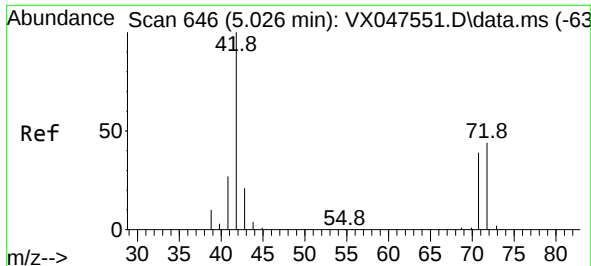
Tgt Ion:	84	Resp:	713
Ion	Ratio	Lower	Upper
84	100		
49	109.0	101.4	152.2
51	48.8	30.6	46.0#
86	70.0	51.5	77.3



#21
trans-1,2-Dichloroethene
Concen: 0.217 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.012 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion:	96	Resp:	482
Ion	Ratio	Lower	Upper
96	100		
61	91.7	108.0	162.0#
98	0.0	51.6	77.4#





#29

Tetrahydrofuran

Concen: 0.293 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.024 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBL01

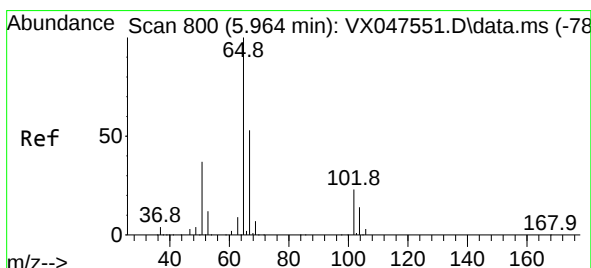
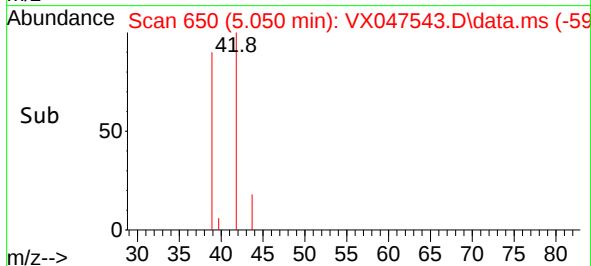
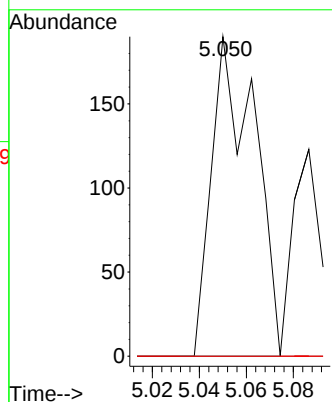
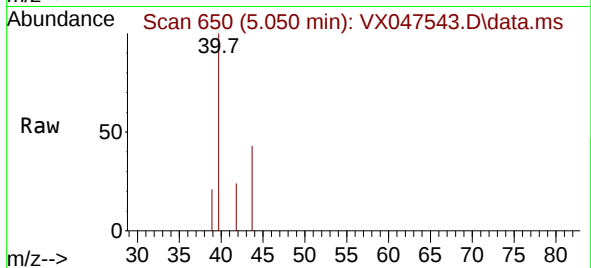
Tgt Ion: 42 Resp: 241

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 0.0 31.7 47.5#



#33

1,2-Dichloroethane-d4

Concen: 54.011 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047543.D

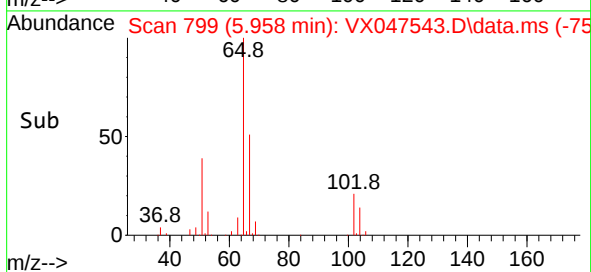
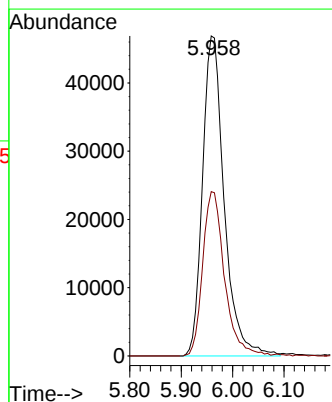
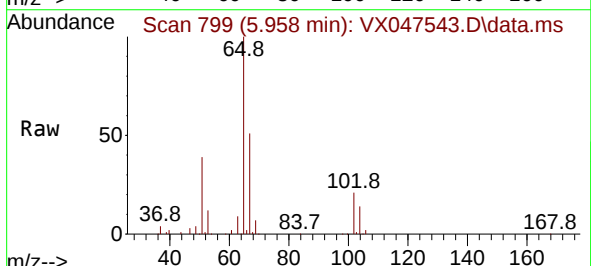
Acq: 28 Aug 2025 11:00

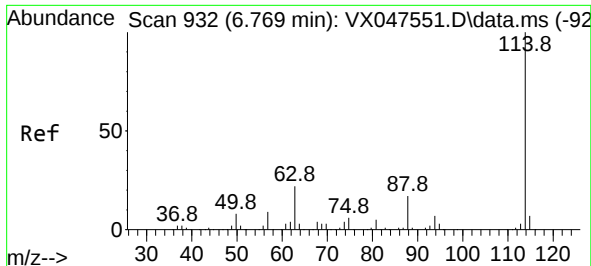
Tgt Ion: 65 Resp: 137133

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8

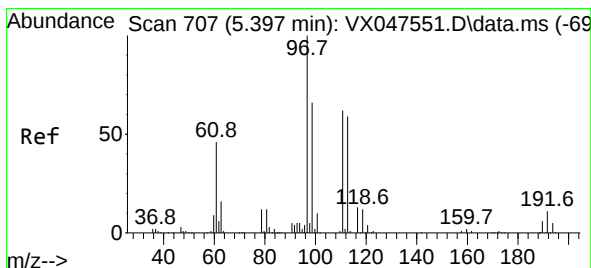
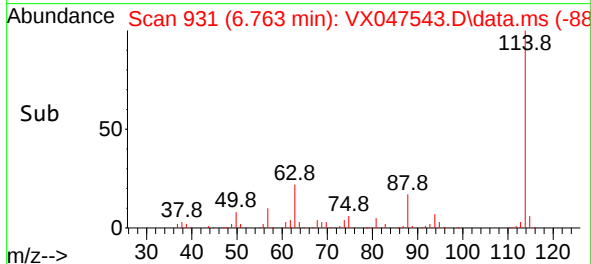
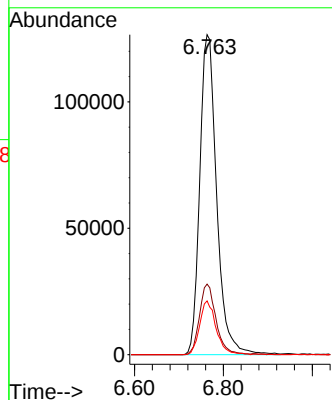
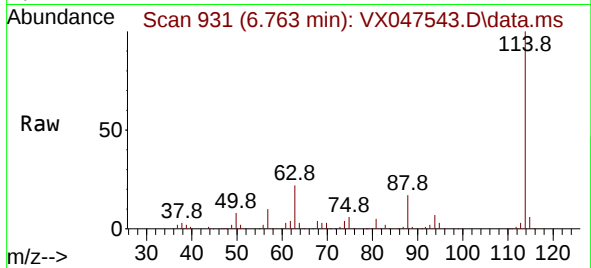




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

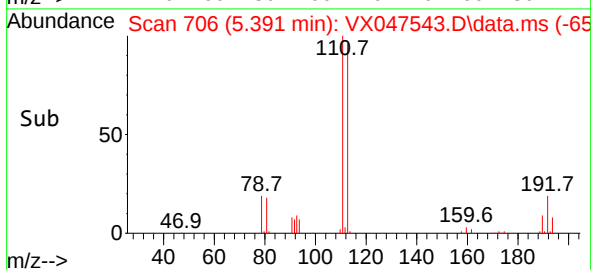
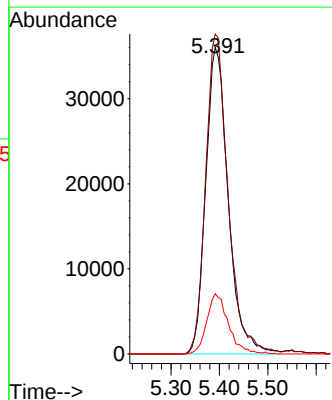
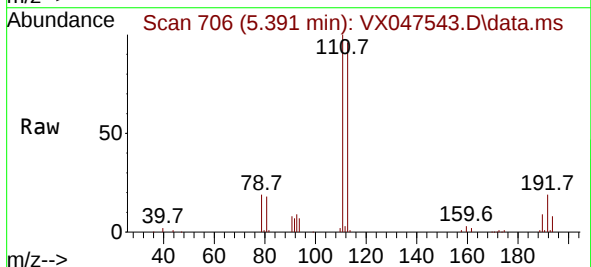
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

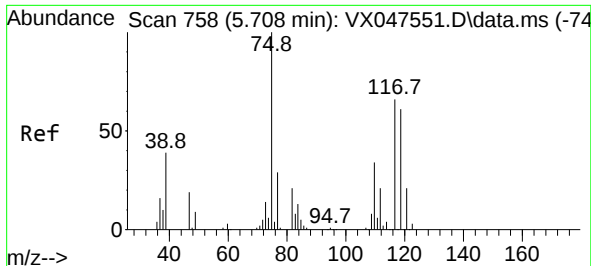
Tgt Ion:114 Resp: 335514
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.6
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.721 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion:113 Resp: 116799
Ion Ratio Lower Upper
113 100
111 103.4 81.2 121.8
192 18.9 14.2 21.4

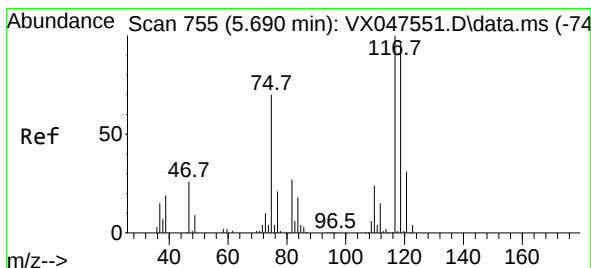
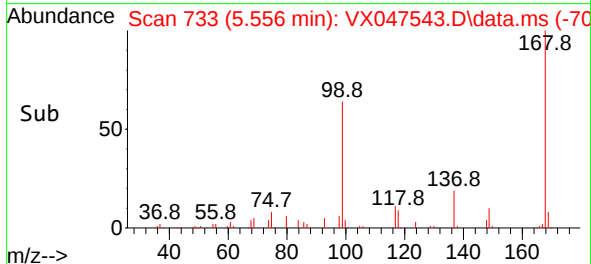
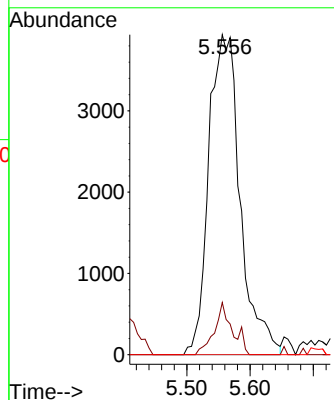
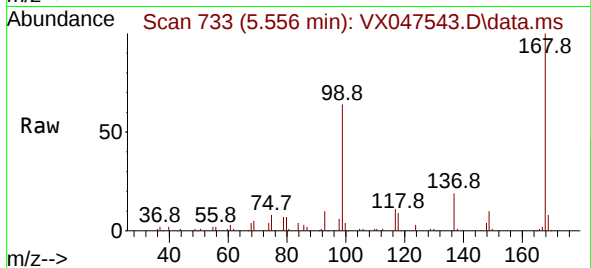




#36
1,1-Dichloropropene
Concen: 4.135 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

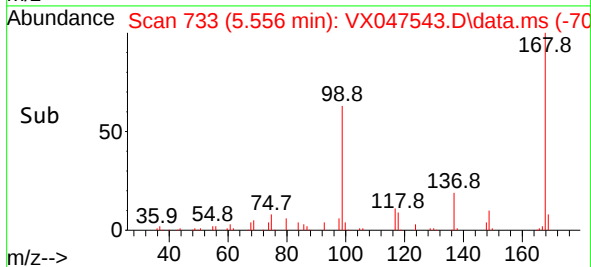
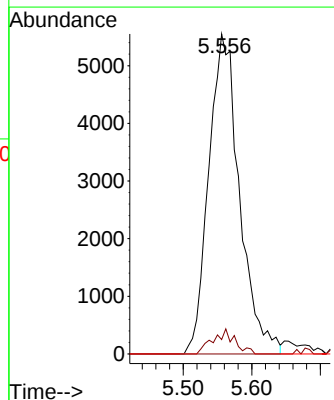
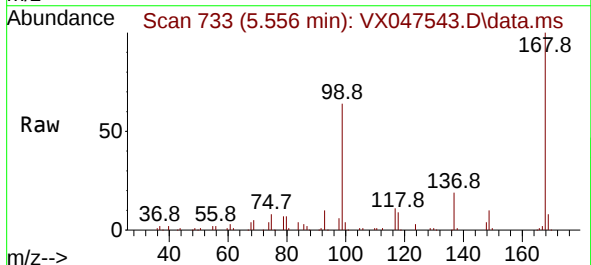
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

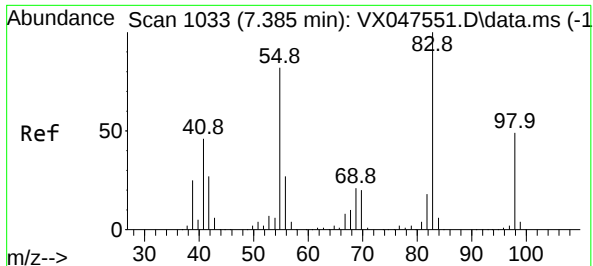
Tgt Ion: 75 Resp: 13550
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.3#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 4.751 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 117 Resp: 17276
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 24.9 37.3#





#39

Methylcyclohexane

Concen: 0.370 ug/l

RT: 7.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBL01

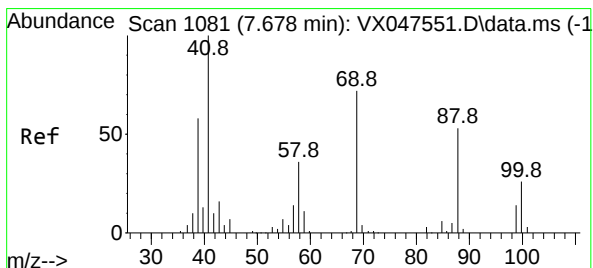
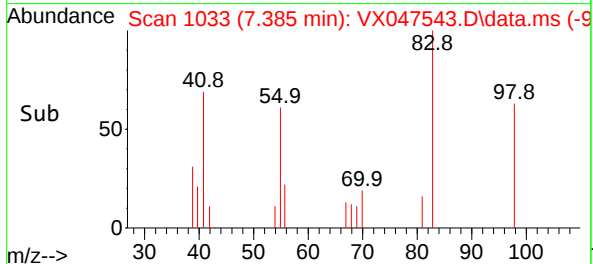
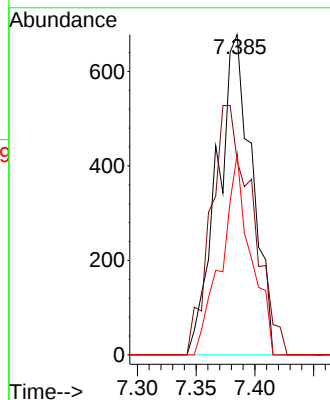
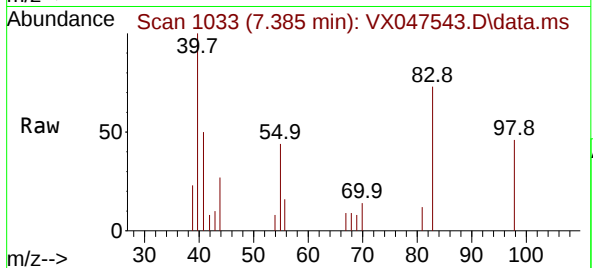
Tgt Ion: 83 Resp: 1399

Ion Ratio Lower Upper

83 100

55 82.3 65.4 98.2

98 62.7 39.0 58.4#



#49

1,4-Dioxane

Concen: 2.461 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

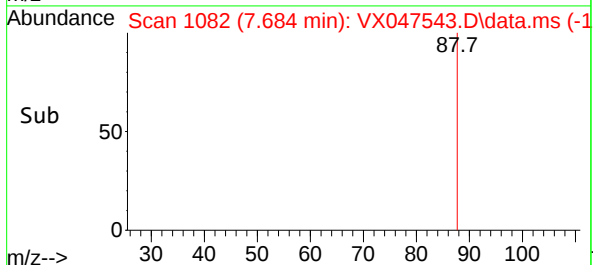
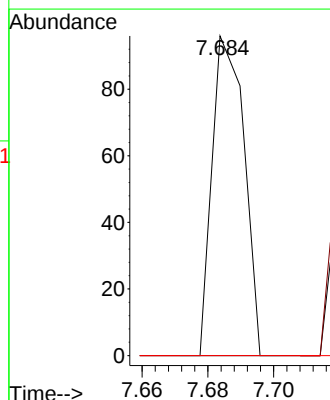
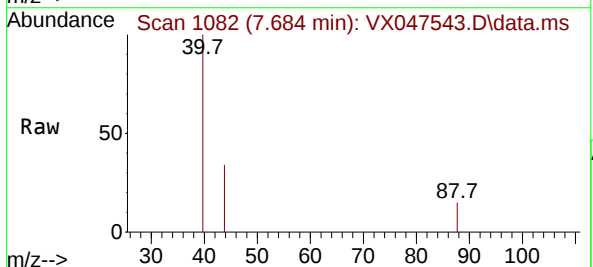
Tgt Ion: 88 Resp: 65

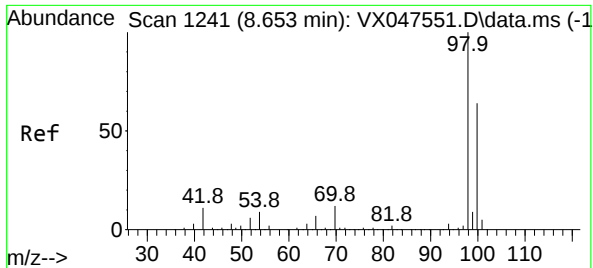
Ion Ratio Lower Upper

88 100

43 0.0 31.9 47.9#

58 0.0 57.5 86.3#

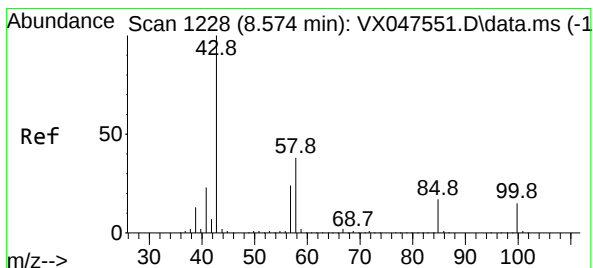
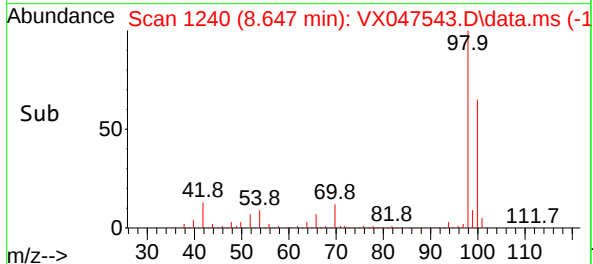
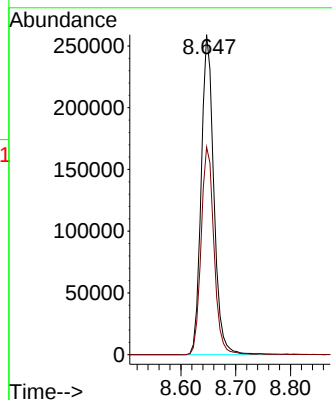
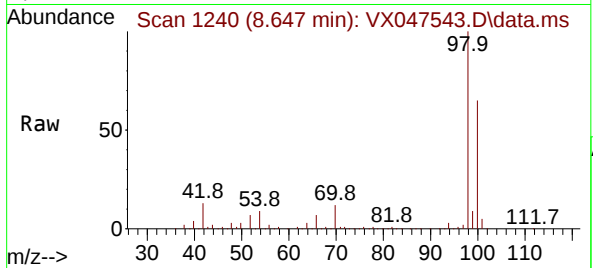




#50
Toluene-d8
Concen: 51.460 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

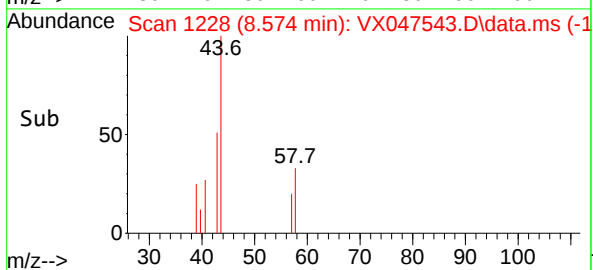
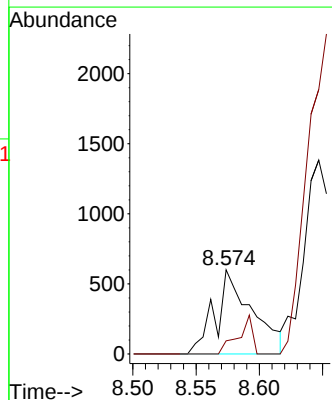
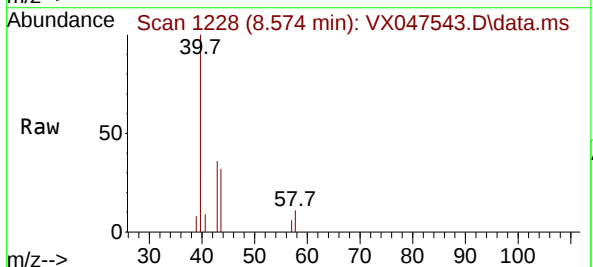
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

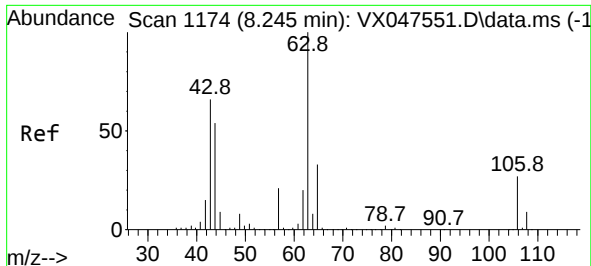
Tgt Ion: 98 Resp: 415366
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.394 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
58 18.0 30.4 45.6#

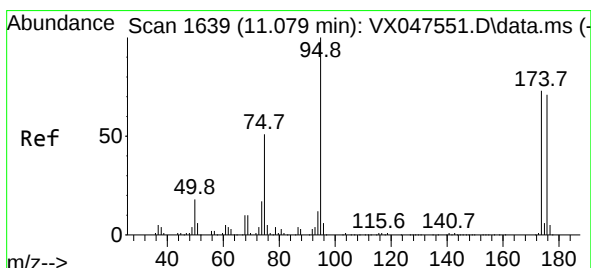
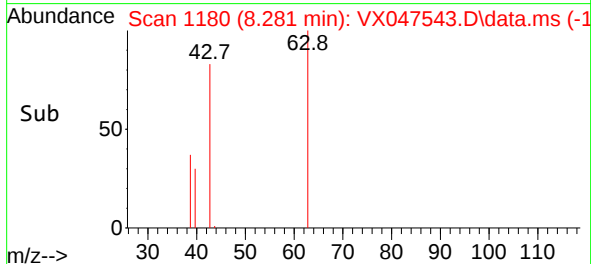
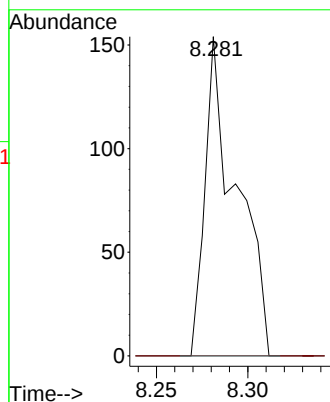
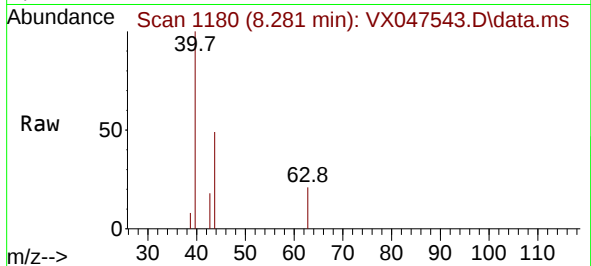




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.281 min Scan# 1174
Delta R.T. 0.036 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

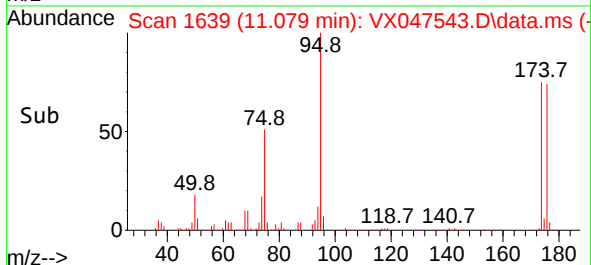
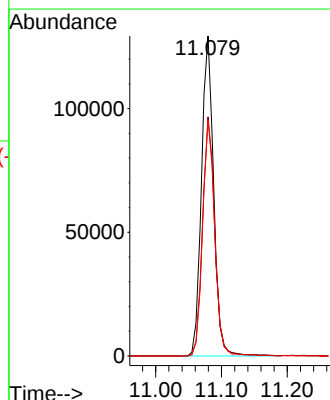
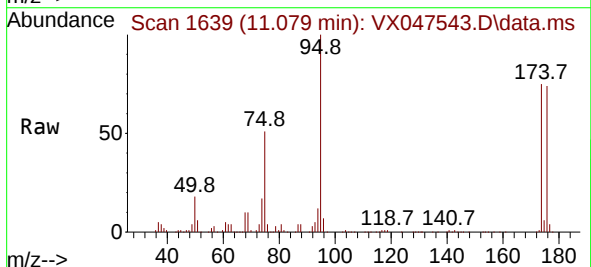
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

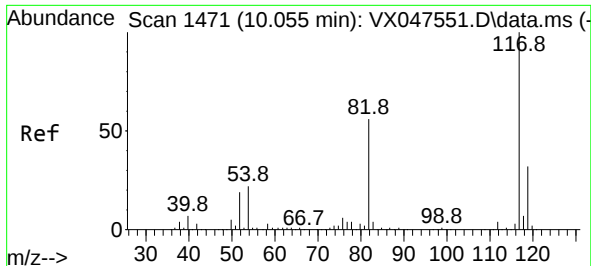
Tgt Ion: 63 Resp: 184
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.4#



#62
4-Bromofluorobenzene
Concen: 55.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 95 Resp: 166813
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.2
176 73.0 0.0 140.4

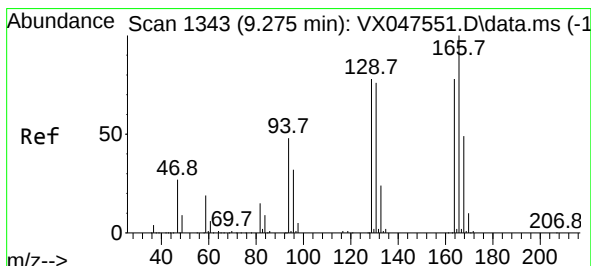
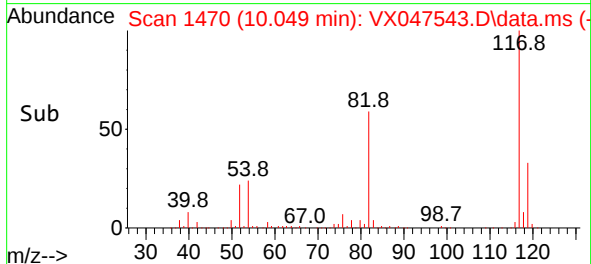
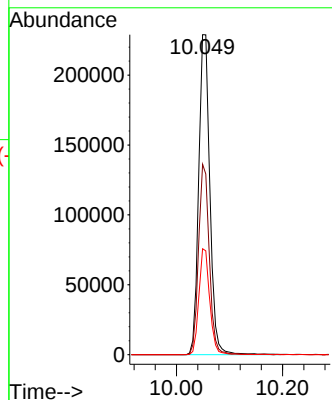
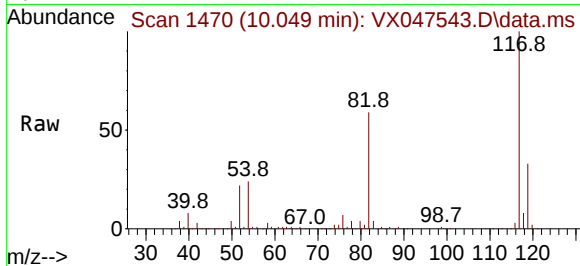




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

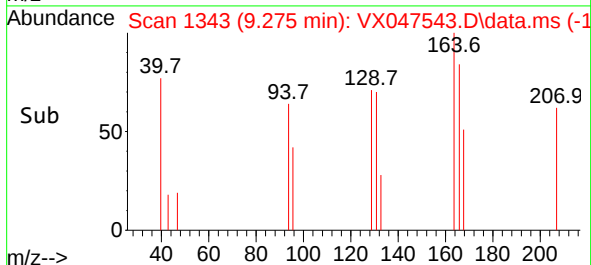
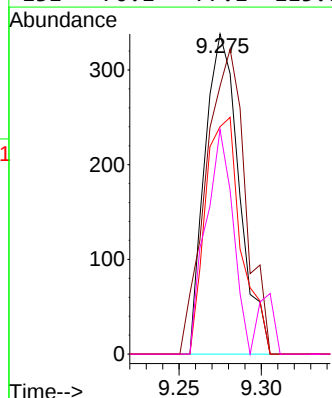
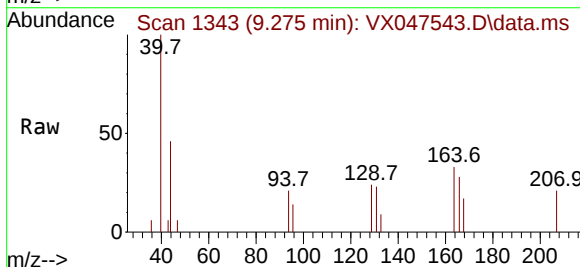
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

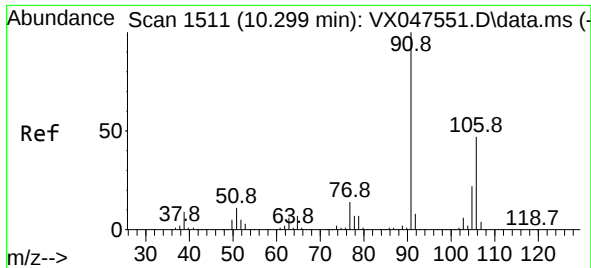
Tgt Ion:117 Resp: 333650
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 0.219 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion:164 Resp: 489
Ion Ratio Lower Upper
164 100
166 83.7 102.1 153.1#
129 71.0 79.3 118.9#
131 70.1 77.1 115.7#

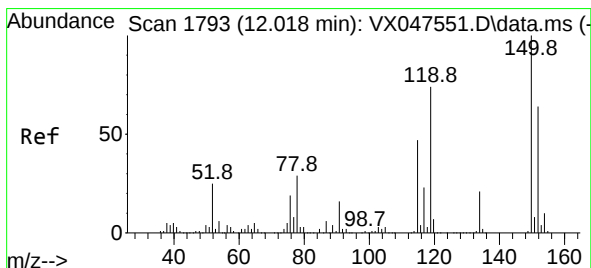
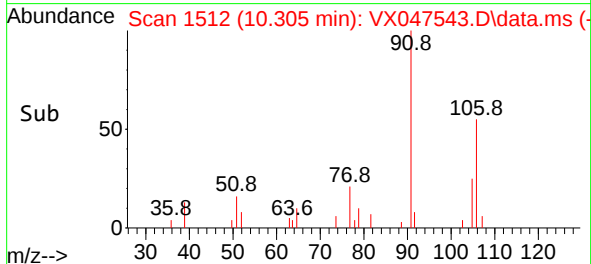
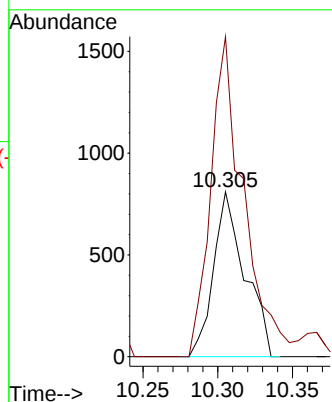
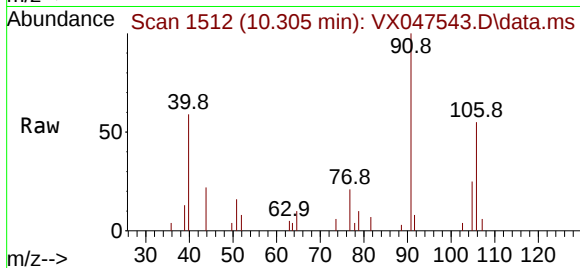




#68
m/p-Xylenes
Concen: 0.242 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

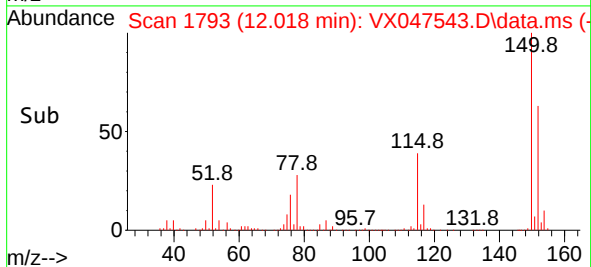
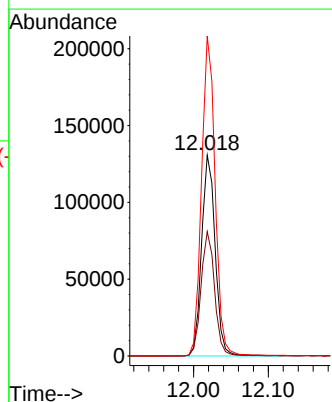
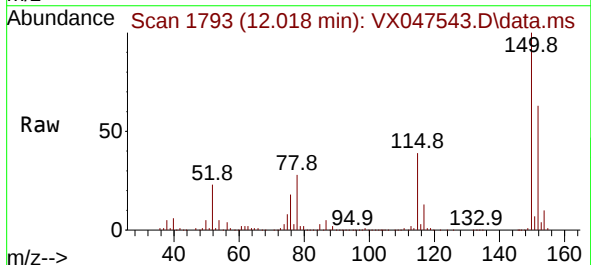
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

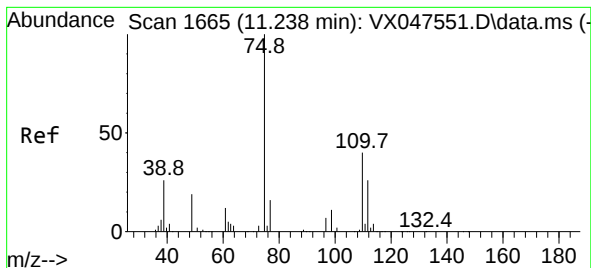
Tgt Ion:106 Resp: 1179
Ion Ratio Lower Upper
106 100
91 202.6 166.1 249.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion:152 Resp: 165139
Ion Ratio Lower Upper
152 100
115 61.8 42.9 128.5
150 159.2 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 29.637 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

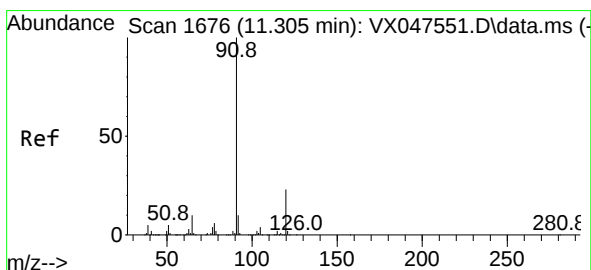
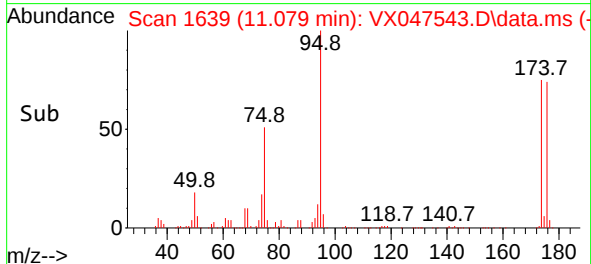
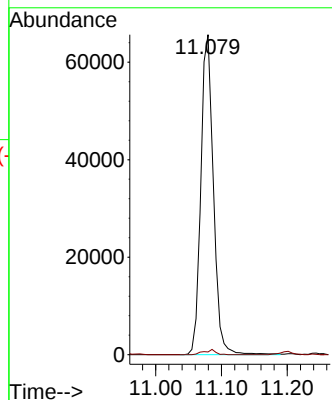
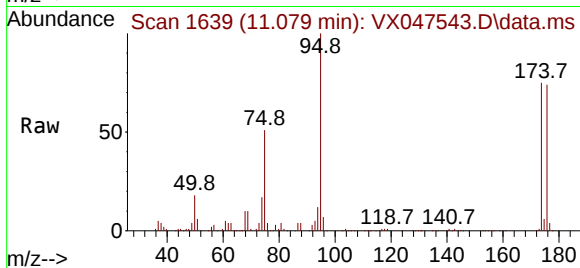
VX0828MBL01

Tgt Ion: 75 Resp: 87349

Ion Ratio Lower Upper

75 100

77 1.5 19.7 59.1#



#78

n-propylbenzene

Concen: 0.281 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX047543.D

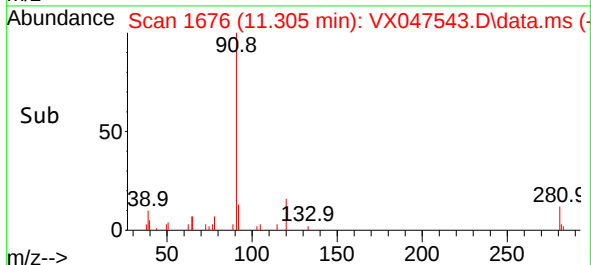
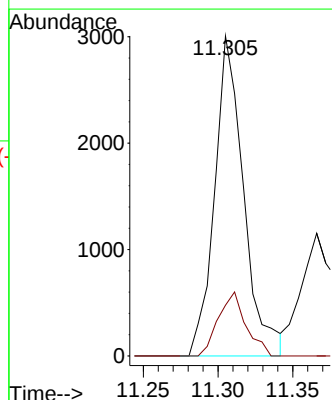
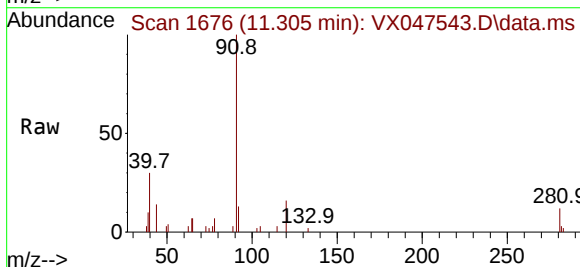
Acq: 28 Aug 2025 11:00

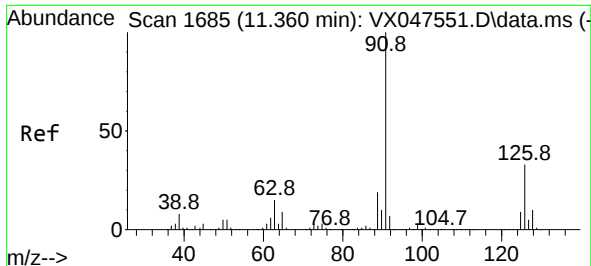
Tgt Ion: 91 Resp: 4062

Ion Ratio Lower Upper

91 100

120 19.0 11.2 33.6

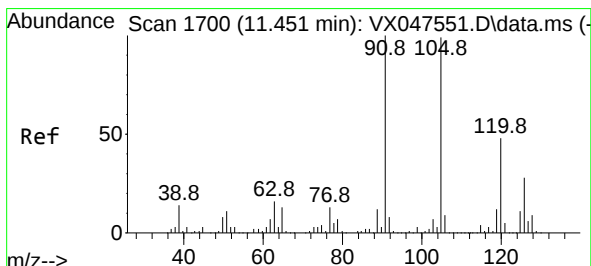
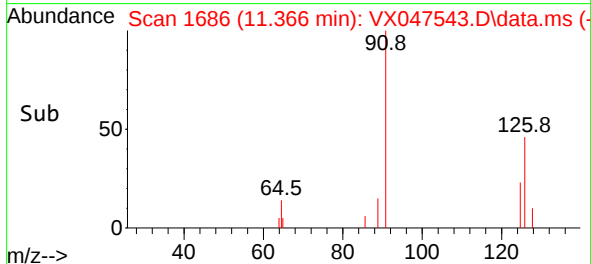
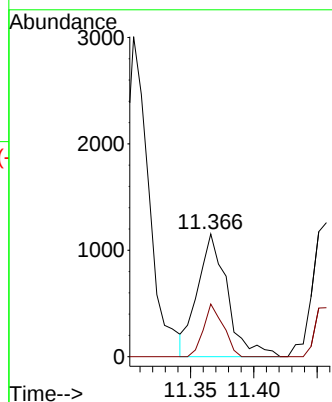
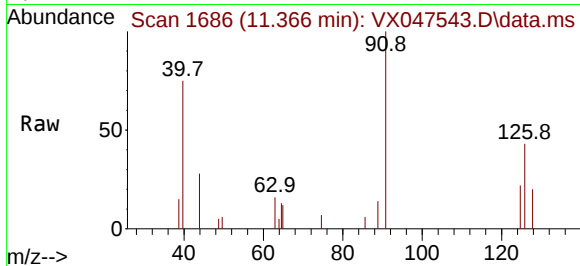




#79
2-Chlorotoluene
Concen: 0.211 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

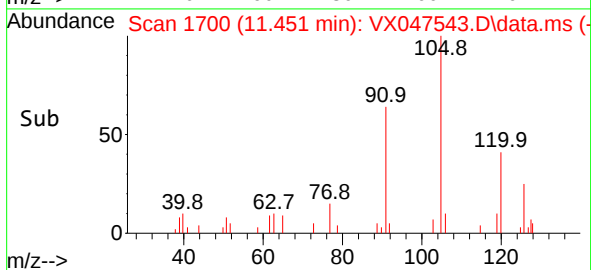
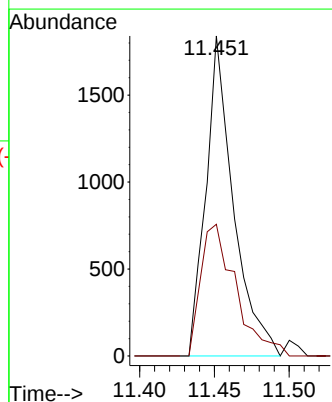
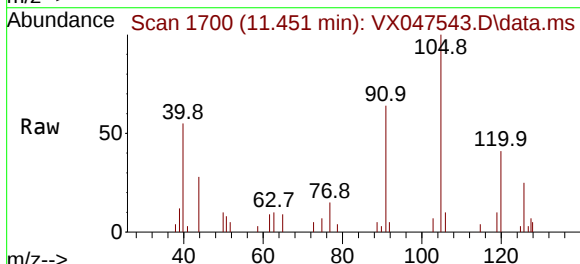
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

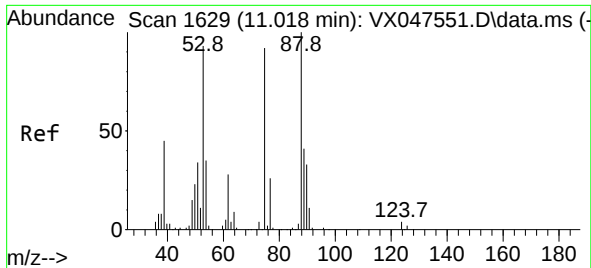
Tgt Ion: 91 Resp: 1897
Ion Ratio Lower Upper
91 100
126 28.6 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 0.237 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 105 Resp: 2357
Ion Ratio Lower Upper
105 100
120 52.5 23.8 71.5

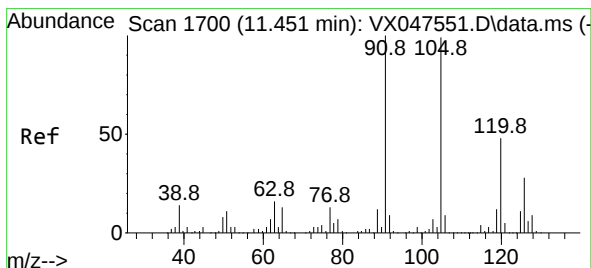
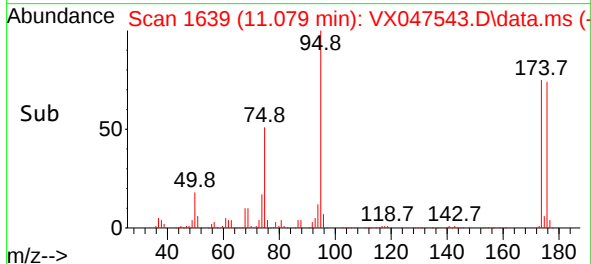
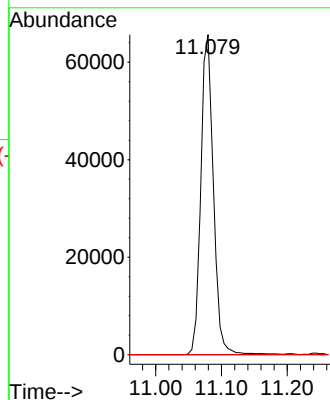
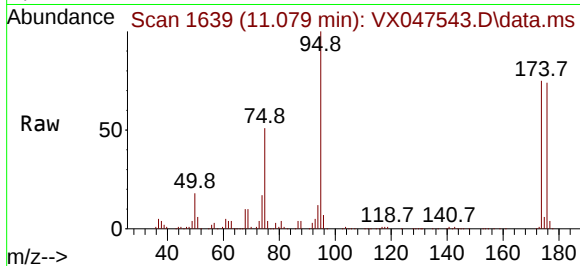




#81
trans-1,4-Dichloro-2-butene
Concen: 104.670 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

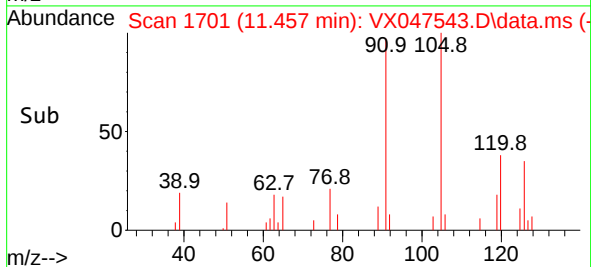
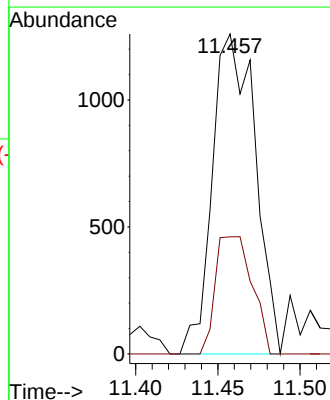
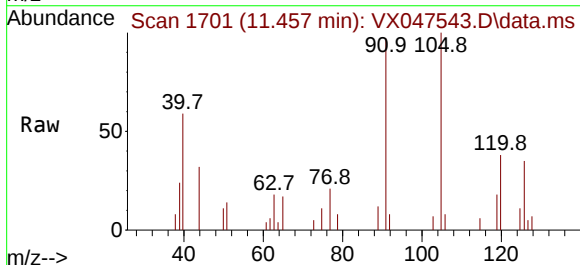
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

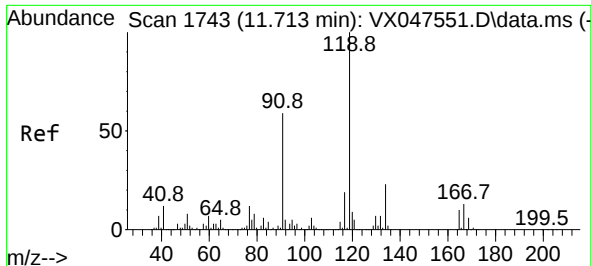
Tgt Ion: 75 Resp: 87349
Ion Ratio Lower Upper
75 100
53 0.0 85.7 128.5#
89 0.0 36.4 54.6#



#82
4-Chlorotoluene
Concen: 0.217 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 91 Resp: 2284
Ion Ratio Lower Upper
91 100
126 31.5 14.6 43.8

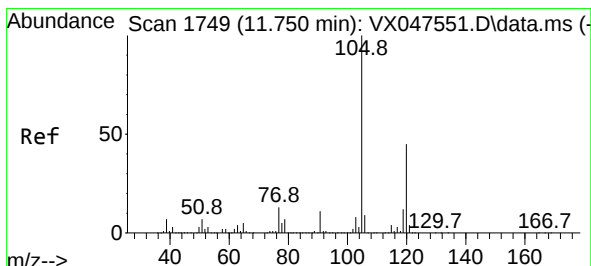
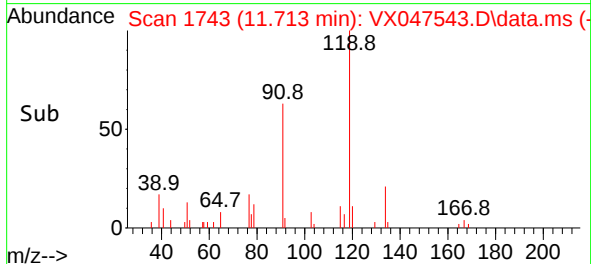
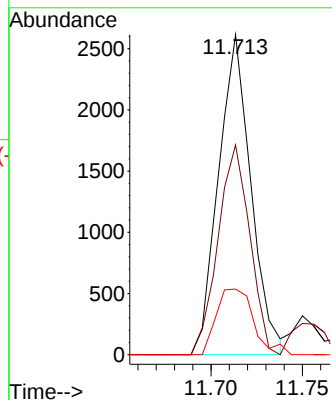
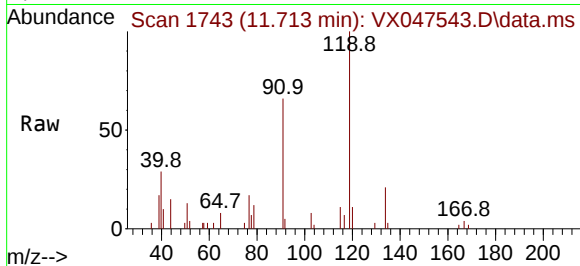




#83
tert-Butylbenzene
Concen: 0.322 ug/l
RT: 11.713 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

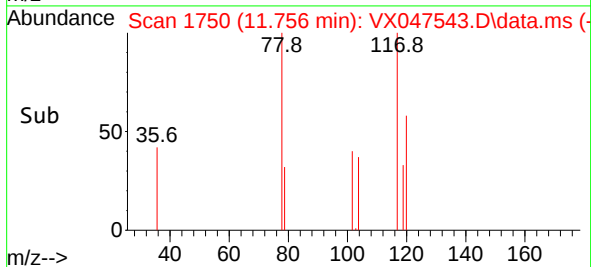
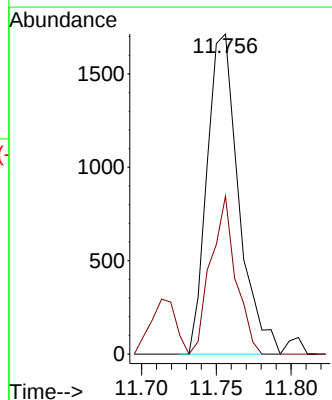
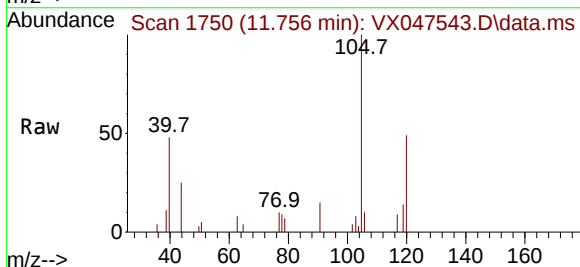
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

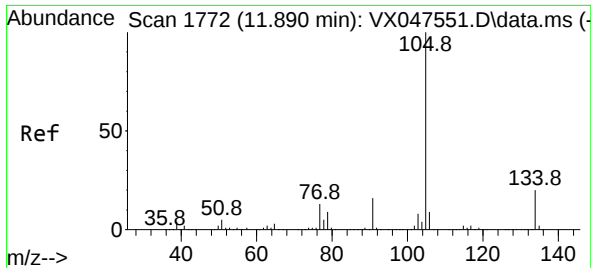
Tgt Ion:119 Resp: 3229
Ion Ratio Lower Upper
119 100
91 64.1 28.5 85.5
134 23.6 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 0.249 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion:105 Resp: 2521
Ion Ratio Lower Upper
105 100
120 39.1 22.3 66.8

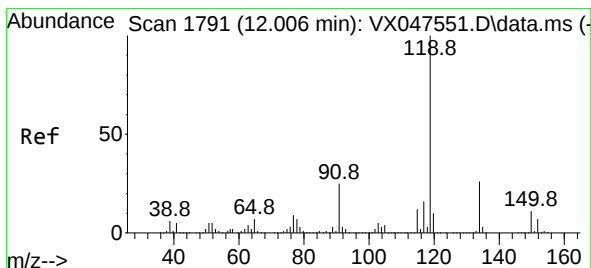
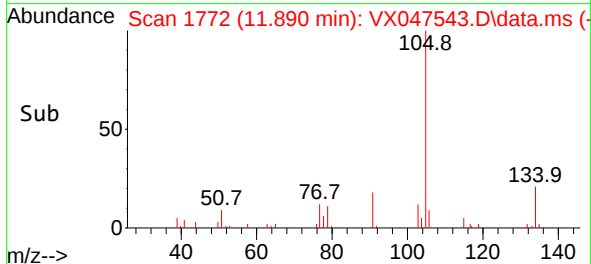
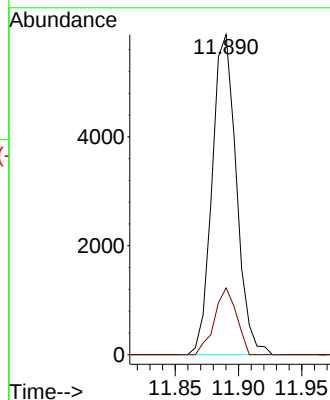
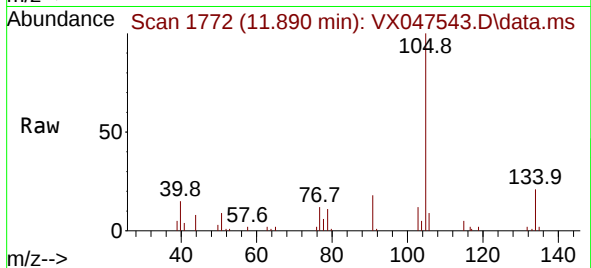




#85
 sec-Butylbenzene
 Concen: 0.650 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047543.D
 Acq: 28 Aug 2025 11:00

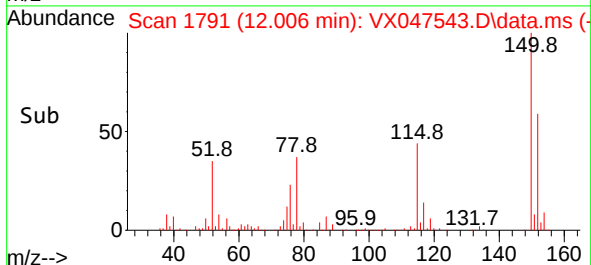
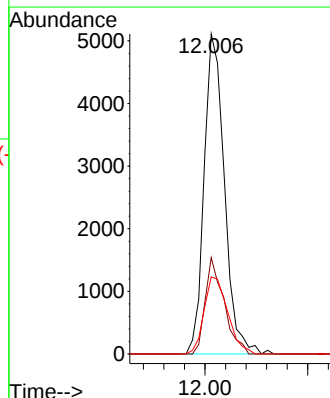
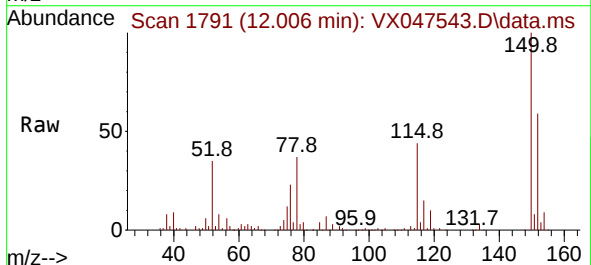
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBL01

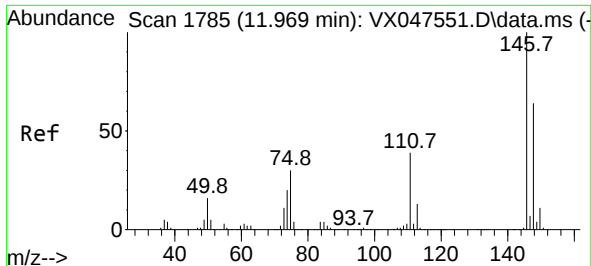
Tgt Ion:105 Resp: 7838
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 0.697 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047543.D
 Acq: 28 Aug 2025 11:00

Tgt Ion:119 Resp: 7039
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 38.9
 91 27.9 12.4 37.2

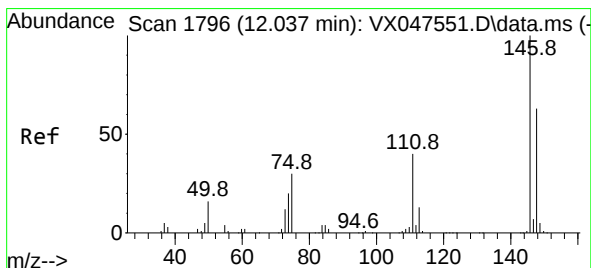
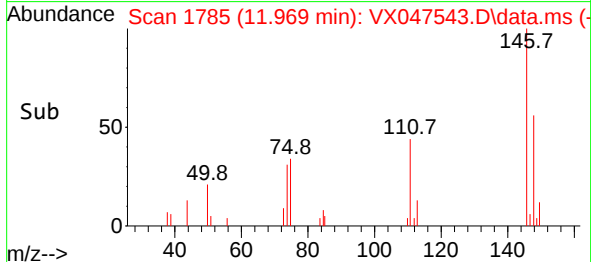
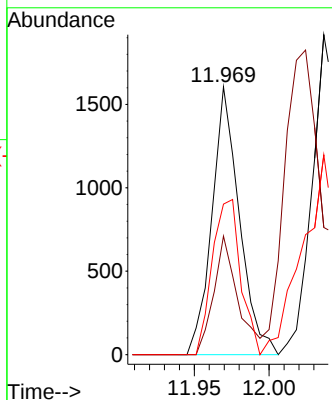
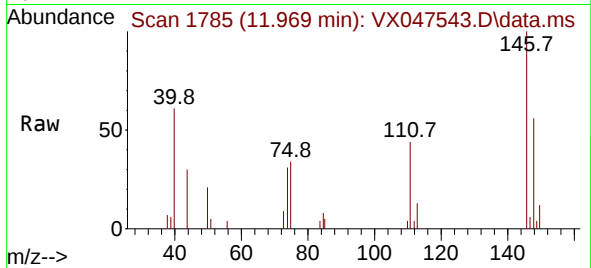




#87
 1,3-Dichlorobenzene
 Concen: 0.353 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX047543.D
 Acq: 28 Aug 2025 11:00

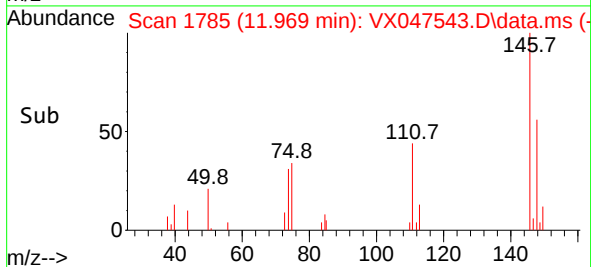
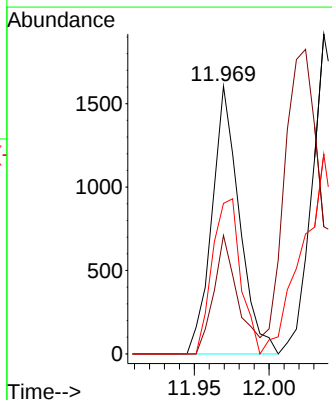
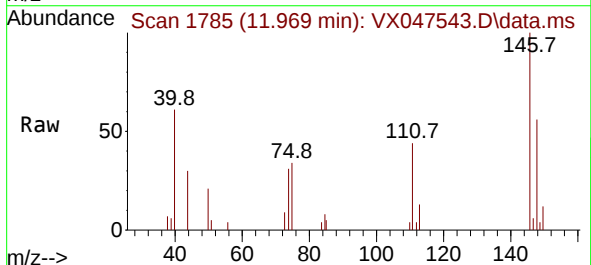
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBL01

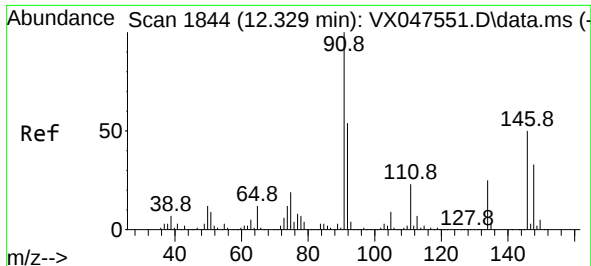
Tgt Ion:146 Resp: 2048
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.6 61.9
 148 59.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 0.342 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.067 min
 Lab File: VX047543.D
 Acq: 28 Aug 2025 11:00

Tgt Ion:146 Resp: 2048
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.1 60.2
 148 59.8 31.8 95.4





#89

n-Butylbenzene

Concen: 1.211 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBL01

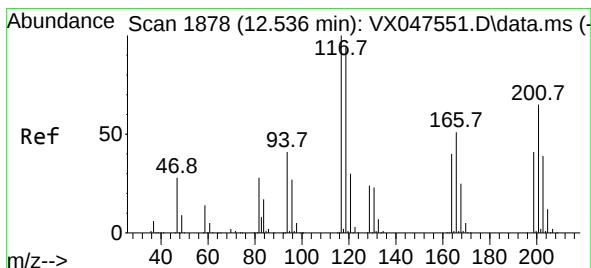
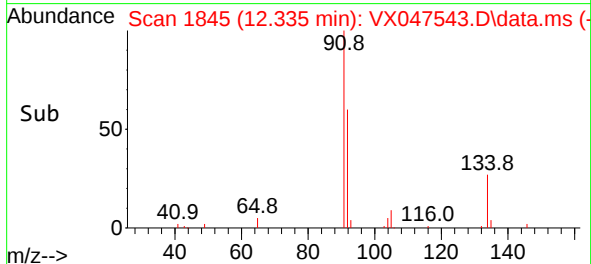
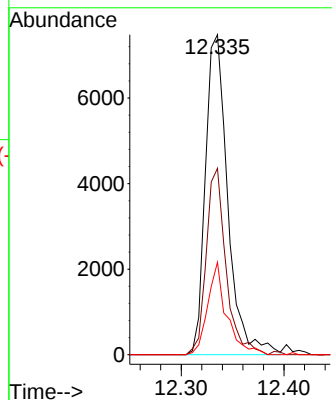
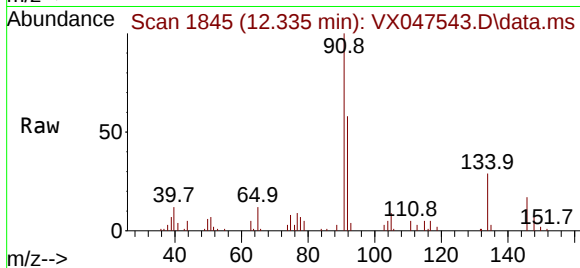
Tgt Ion: 91 Resp: 11291

Ion Ratio Lower Upper

91 100

92 51.6 27.0 81.0

134 24.6 12.6 37.6



#90

Hexachloroethane

Concen: 0.607 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX047543.D

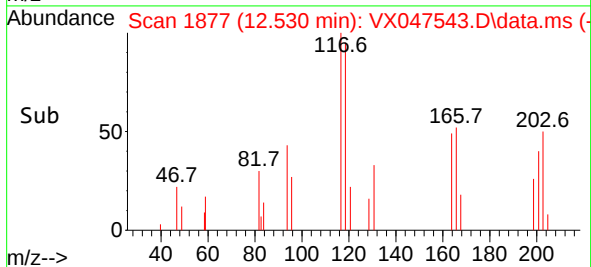
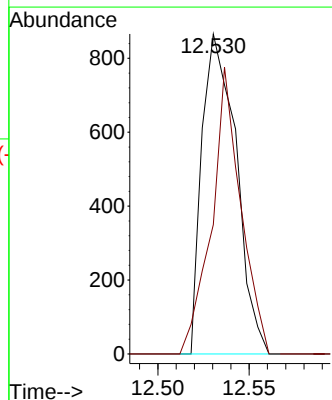
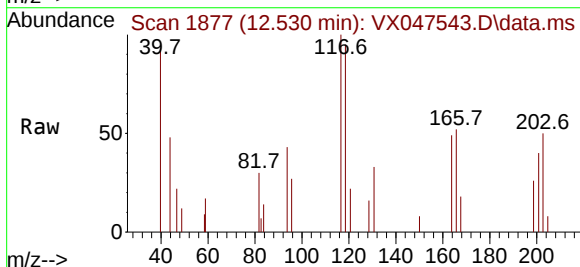
Acq: 28 Aug 2025 11:00

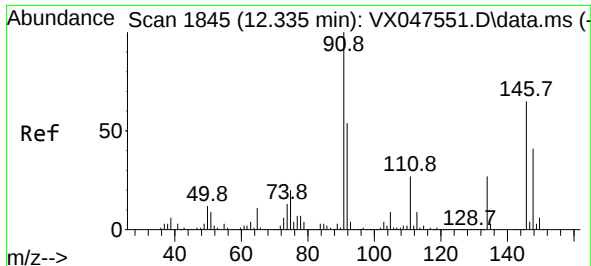
Tgt Ion: 117 Resp: 1127

Ion Ratio Lower Upper

117 100

201 76.4 33.7 101.1

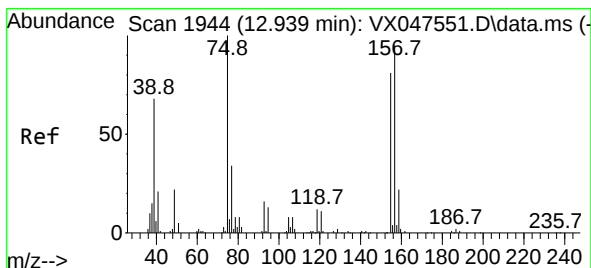
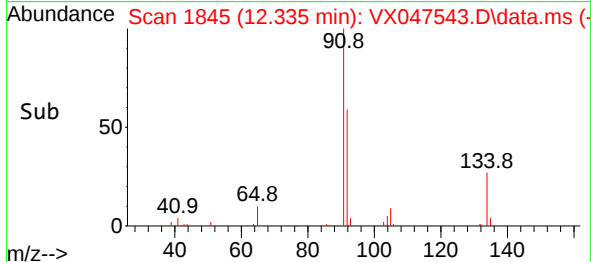
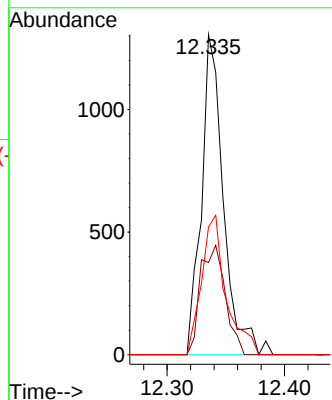
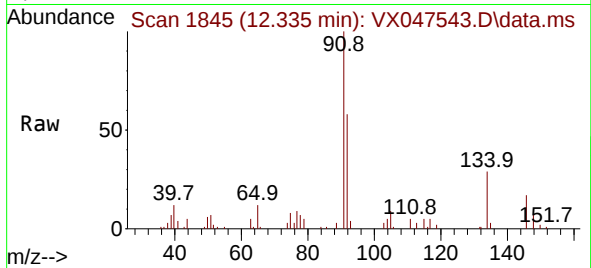




#91
1,2-Dichlorobenzene
Concen: 0.300 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

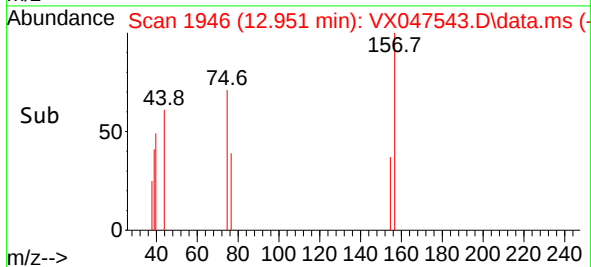
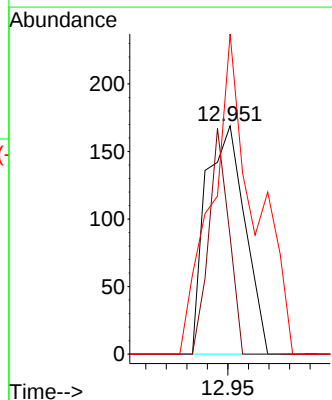
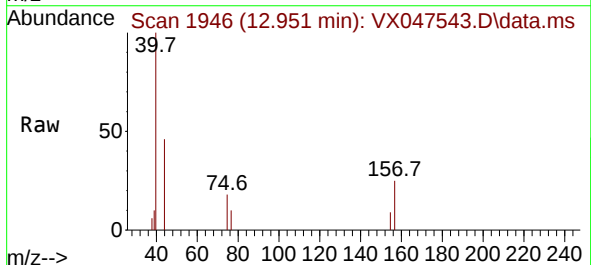
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBL01

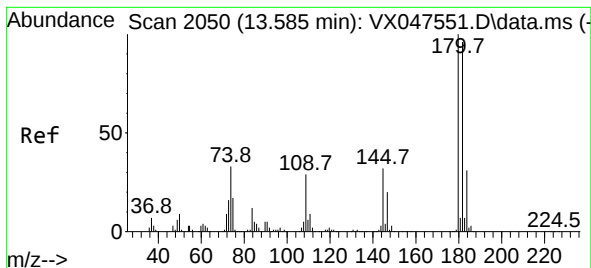
Tgt Ion:146 Resp: 1701
Ion Ratio Lower Upper
146 100
111 38.6 21.7 65.1
148 48.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.315 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX047543.D
Acq: 28 Aug 2025 11:00

Tgt Ion: 75 Resp: 223
Ion Ratio Lower Upper
75 100
155 50.7 41.9 125.6
157 152.9 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 1.579 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBL01

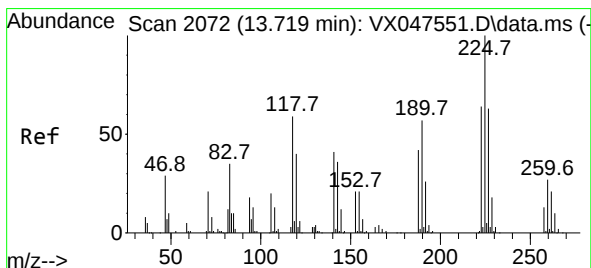
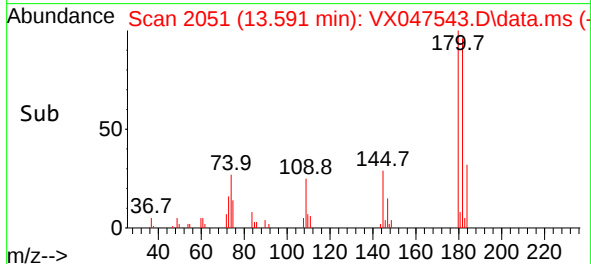
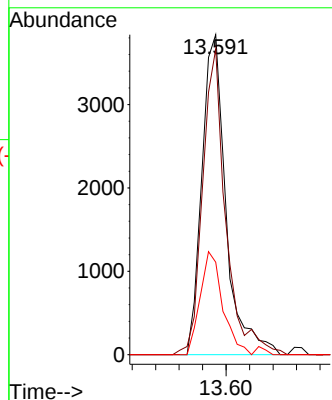
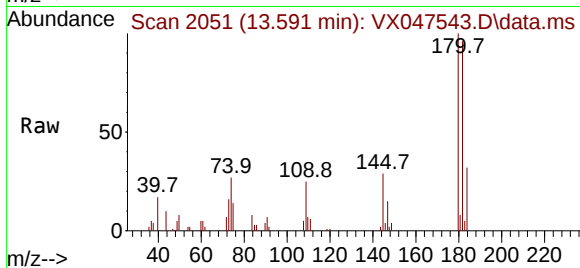
Tgt Ion:180 Resp: 5467

Ion Ratio Lower Upper

180 100

182 91.5 47.7 143.1

145 30.2 16.3 48.8



#94

Hexachlorobutadiene

Concen: 5.747 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

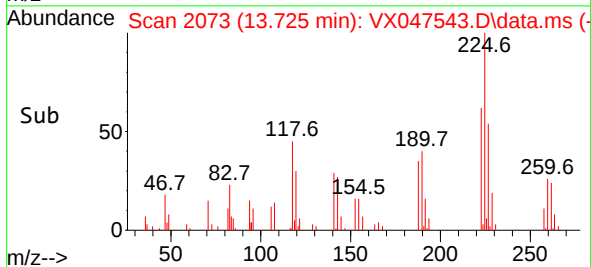
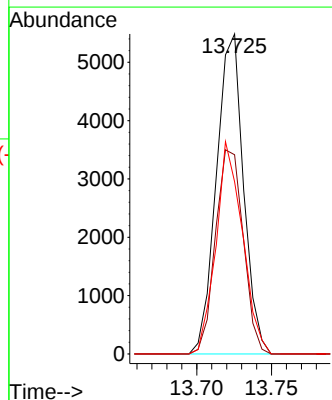
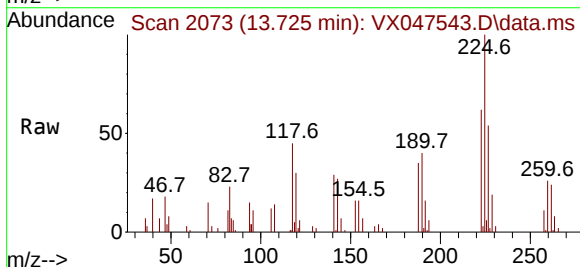
Tgt Ion:225 Resp: 6915

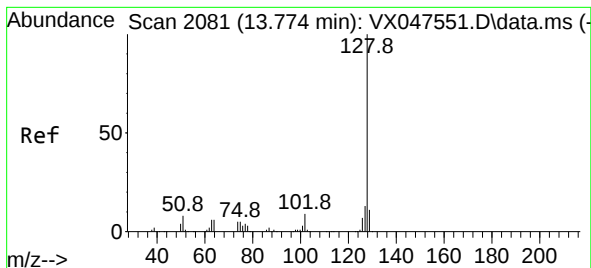
Ion Ratio Lower Upper

225 100

223 65.3 31.1 93.5

227 64.7 31.8 95.3





#95

Naphthalene

Concen: 1.144 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBL01

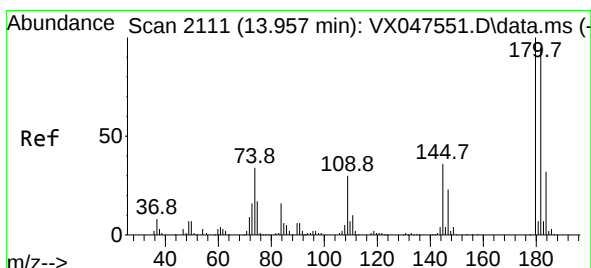
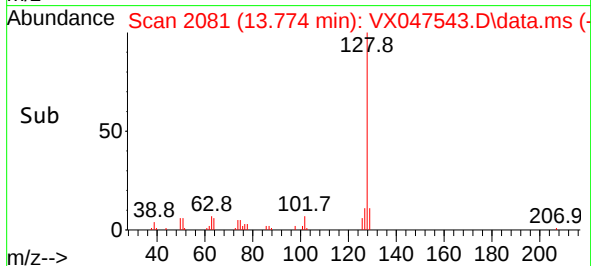
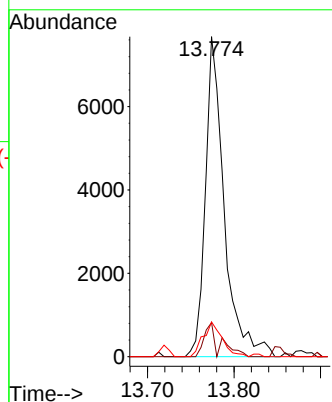
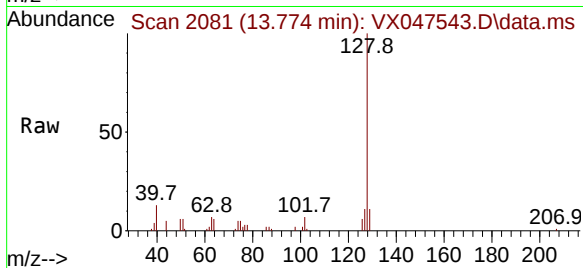
Tgt Ion:128 Resp: 11579

Ion Ratio Lower Upper

128 100

127 8.9 10.0 15.0#

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.813 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047543.D

Acq: 28 Aug 2025 11:00

Tgt Ion:180 Resp: 5894

Ion Ratio Lower Upper

180 100

182 88.1 48.1 144.4

145 35.8 17.6 52.9

