

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047523.D
 Acq On : 26 Aug 2025 10:22
 Operator : JC/MD
 Sample : VX0826MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 01:31:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176054	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	346044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	170182	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141927	57.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.200%	
35) Dibromofluoromethane	5.391	113	121126	53.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.860%	
50) Toluene-d8	8.647	98	426357	53.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	11.079	95	173876	58.698	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.400%	

Target Compounds				Qvalue		
3) Chloromethane	1.313	50	676	0.335	ug/l	97
5) Bromomethane	1.642	94	1428	1.395	ug/l	88
6) Chloroethane	1.685	64	345	0.223	ug/l #	46
10) Methyl Iodide	2.477	142	7088	1.902	ug/l	96
11) Tert butyl alcohol	2.953	59	326	1.521	ug/l #	72
13) Acrolein	2.245	56	617	1.364	ug/l #	61
15) Acrylonitrile	3.087	53	870	0.840	ug/l #	87
16) Acetone	2.386	43	2372	2.561	ug/l #	86
17) Carbon Disulfide	2.526	76	5426	0.811	ug/l	98
18) Methyl Acetate	2.721	43	564	0.235	ug/l #	68
20) Methylene Chloride	2.800	84	1069	0.436	ug/l #	62
21) trans-1,2-Dichloroethene	3.111	96	475	0.202	ug/l #	51
29) Tetrahydrofuran	5.050	42	395	0.504	ug/l #	46
38) Carbon Tetrachloride	5.562	117	18644	4.812	ug/l #	14
39) Methylcyclohexane	7.385	83	1132	0.256	ug/l #	73
44) Trichloroethene	7.135	130	560	0.206	ug/l	28
49) 1,4-Dioxane	7.714	88	53	1.987	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	1475	0.485	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.269	63	111	8.417	ug/l #	46
64) Tetrachloroethene	9.275	164	621	0.245	ug/l #	76
68) m/p-Xylenes	10.305	106	1736	0.325	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	89627	28.714	ug/l #	39
78) n-propylbenzene	11.305	91	4030	0.253	ug/l	92
79) 2-Chlorotoluene	11.372	91	2364	0.246	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	2778	0.254	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	89627	113.048	ug/l #	7
82) 4-Chlorotoluene	11.457	91	3253	0.287	ug/l	98
83) tert-Butylbenzene	11.719	119	2484	0.227	ug/l	79
84) 1,2,4-Trimethylbenzene	11.756	105	2835	0.259	ug/l	93
85) sec-Butylbenzene	11.890	105	5105	0.377	ug/l	98
86) p-Isopropyltoluene	12.012	119	4630	0.404	ug/l #	83
87) 1,3-Dichlorobenzene	11.975	146	2522	0.406	ug/l	96
88) 1,4-Dichlorobenzene	11.975	146	2522	0.395	ug/l	96
89) n-Butylbenzene	12.335	91	7015	0.658	ug/l	96
90) Hexachloroethane	12.542	117	568	0.282	ug/l	61
91) 1,2-Dichlorobenzene	12.341	146	1718	0.291	ug/l	99

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 27 01:31:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

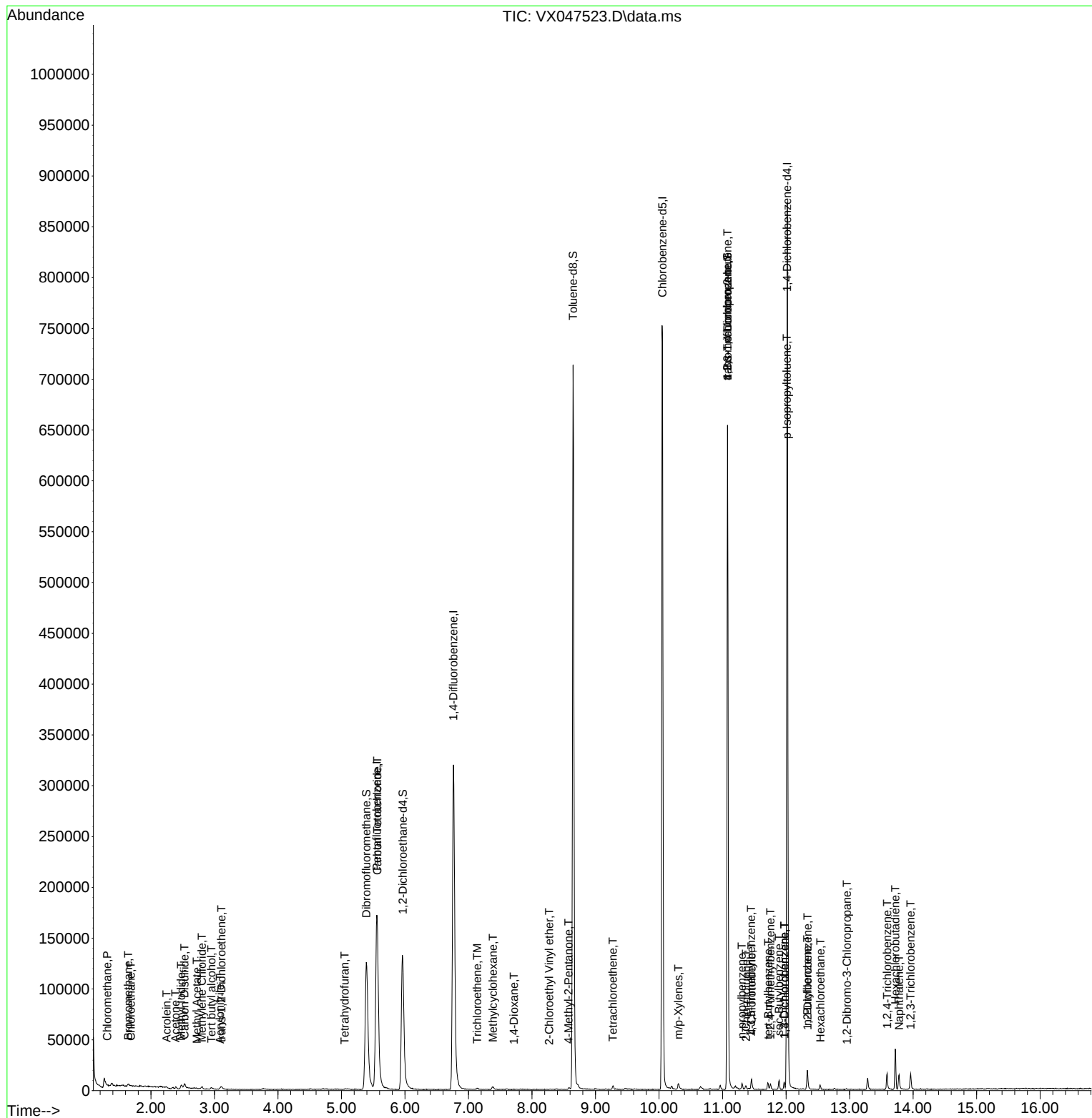
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	12.957	75	194	0.257	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	4233	1.071	ug/l	95
94) Hexachlorobutadiene	13.719	225	5314	3.776	ug/l	95
95) Naphthalene	13.780	128	11019	0.975	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	4237	1.137	ug/l	95

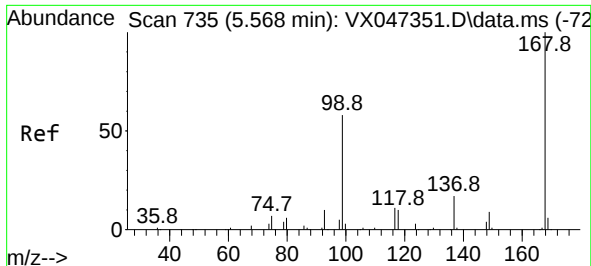
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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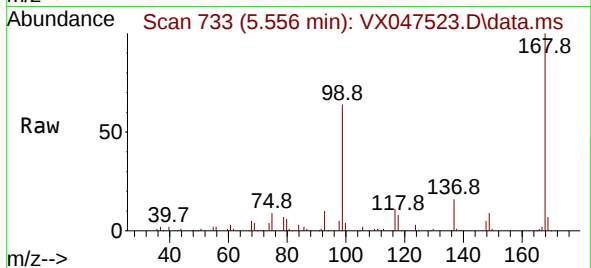
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
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QLast Update : Mon Aug 18 04:18:28 2025
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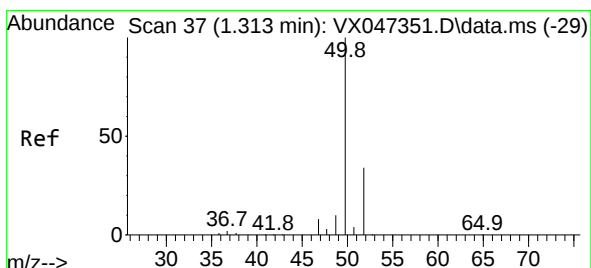
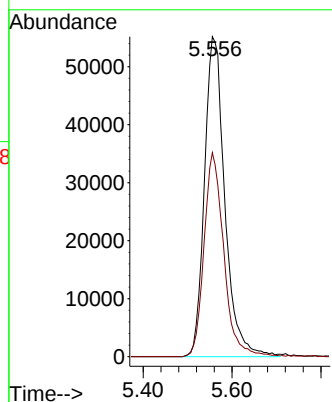
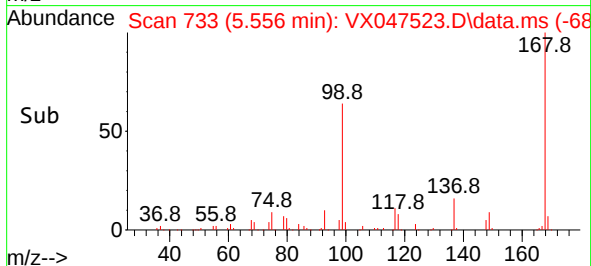


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047523.D
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MSVOA_X
ClientSampleId :

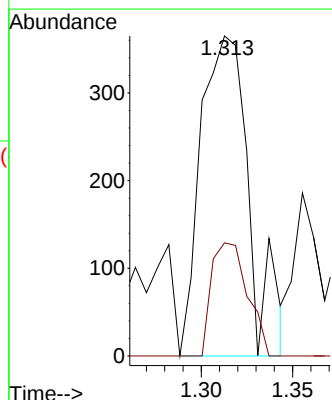
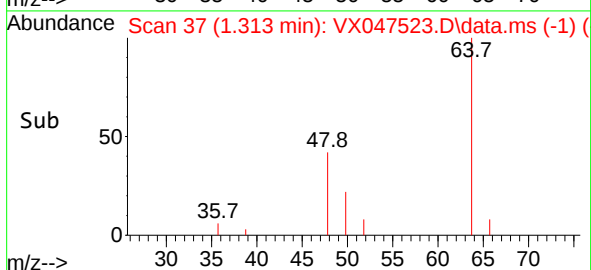
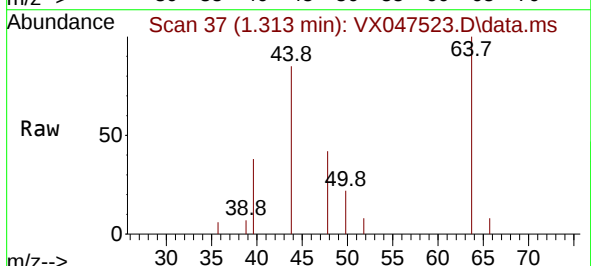


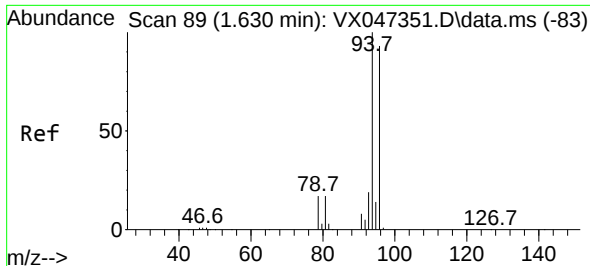
Tgt Ion:168 Resp: 176054
Ion Ratio Lower Upper
168 100
99 63.8 47.9 71.9



#3
Chloromethane
Concen: 0.335 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 35.3 27.0 40.4

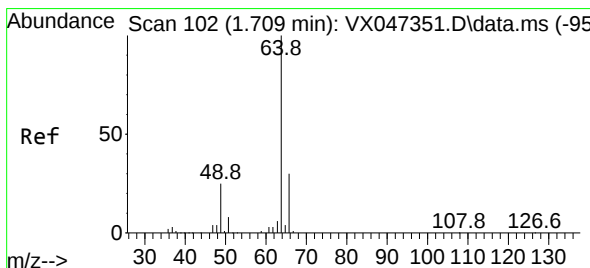
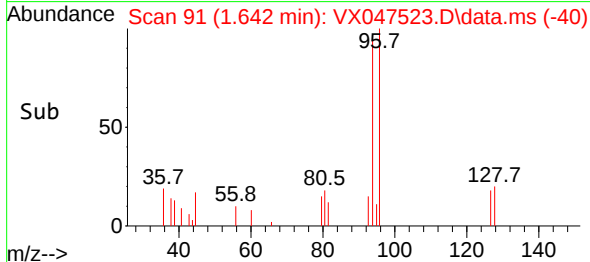
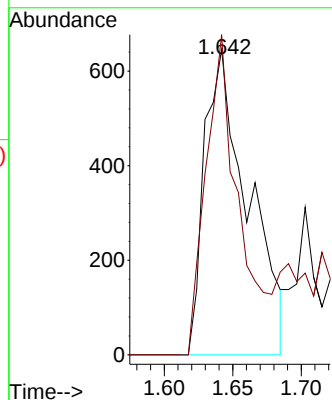
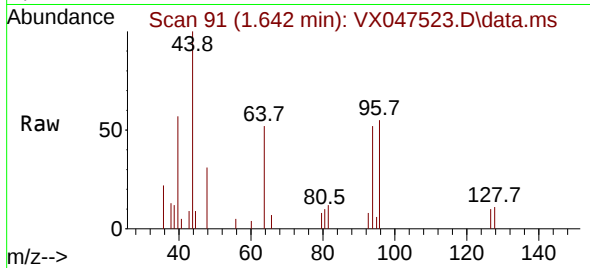




#5
Bromomethane
Concen: 1.395 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

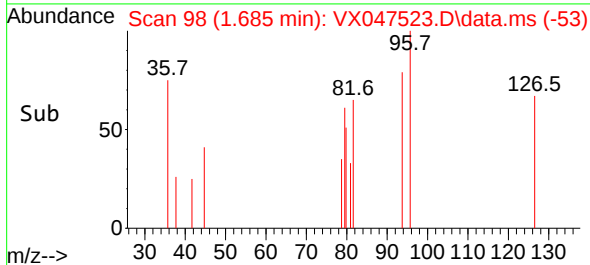
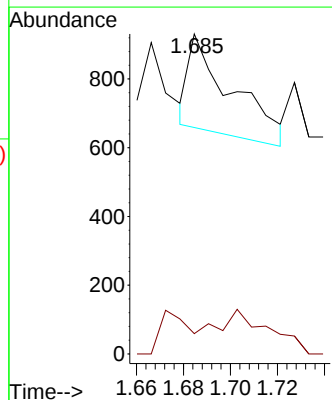
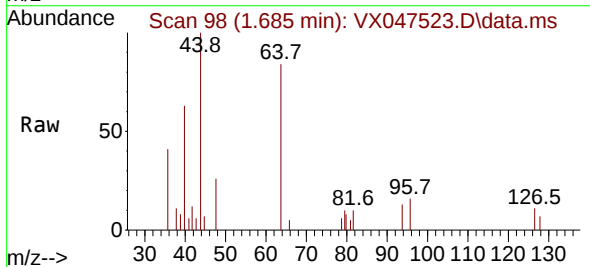
Instrument :
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ClientSampleId :

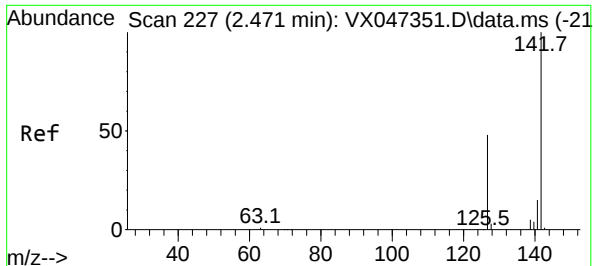
Tgt Ion: 94 Resp: 1428
Ion Ratio Lower Upper
94 100
96 104.8 74.7 112.1



#6
Chloroethane
Concen: 0.223 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.024 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

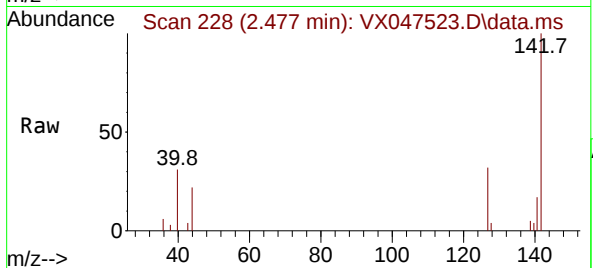
Tgt Ion: 64 Resp: 345
Ion Ratio Lower Upper
64 100
66 0.8 24.4 36.6#



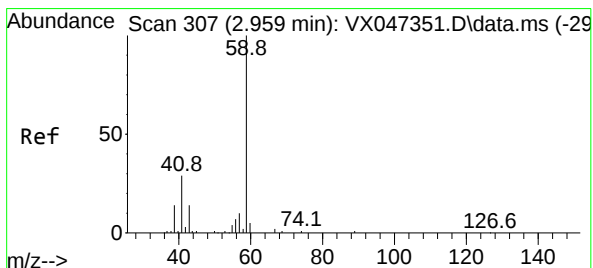
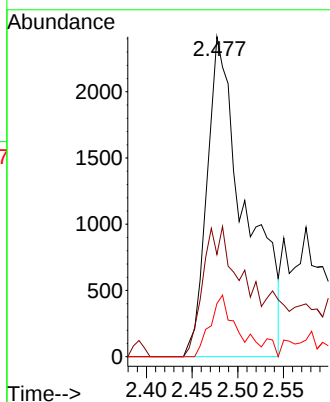


#10
Methyl Iodide
Concen: 1.902 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :

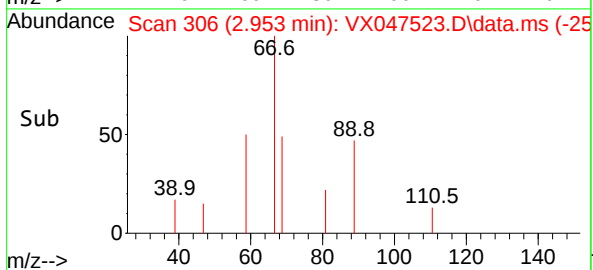
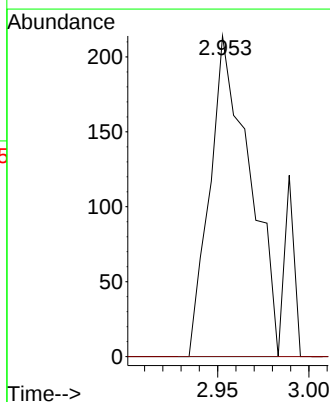
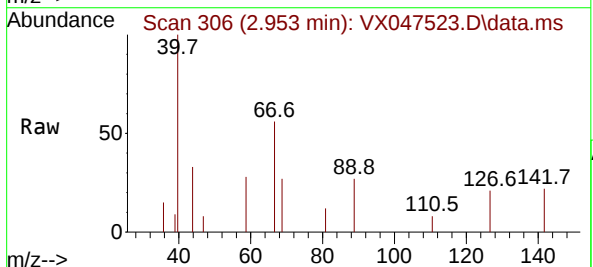


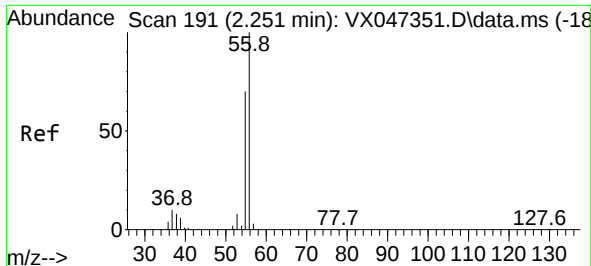
Tgt Ion:142 Resp: 7088
Ion Ratio Lower Upper
142 100
127 42.0 36.1 54.1
141 13.3 11.1 16.7



#11
Tert butyl alcohol
Concen: 1.521 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

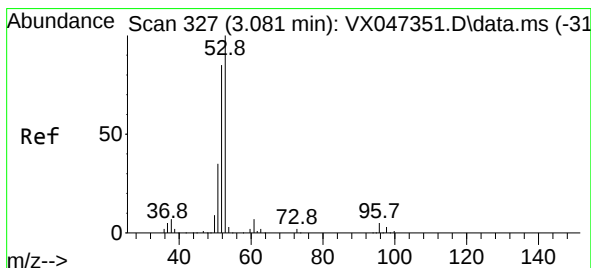
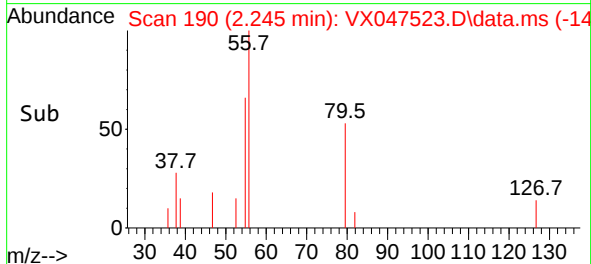
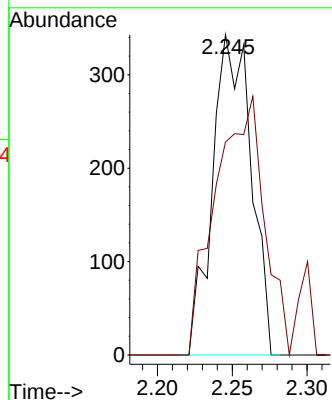
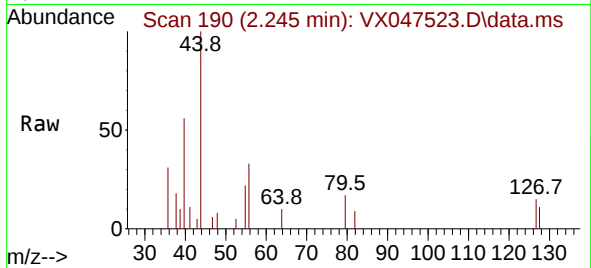




#13
Acrolein
Concen: 1.364 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

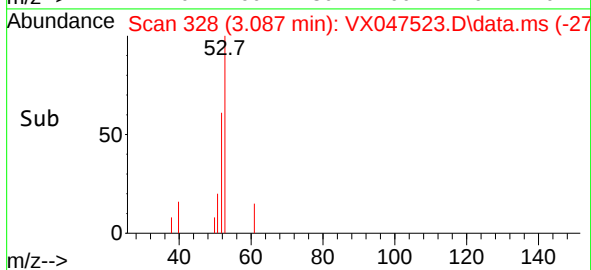
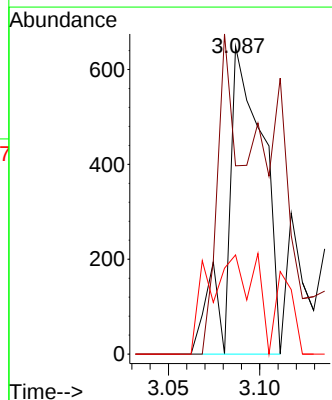
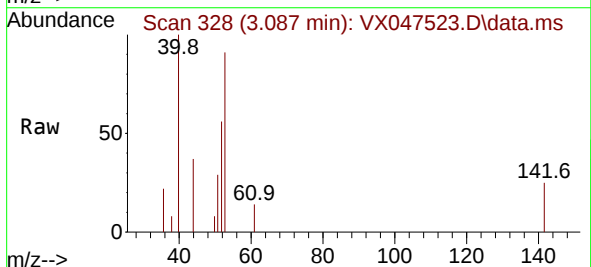
Instrument :
MSVOA_X
ClientSampleId :

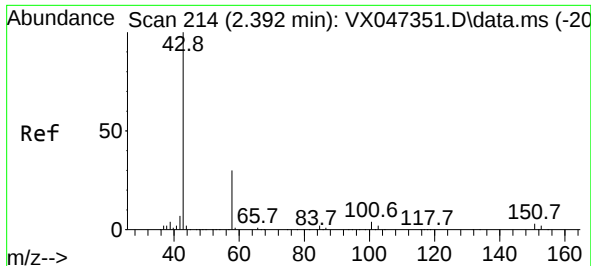
Tgt Ion: 56 Resp: 617
Ion Ratio Lower Upper
56 100
55 101.6 55.5 83.3#



#15
Acrylonitrile
Concen: 0.840 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 53 Resp: 870
Ion Ratio Lower Upper
53 100
52 70.1 65.8 98.6
51 43.0 28.2 42.2#

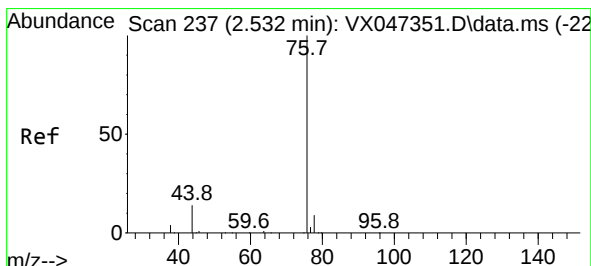
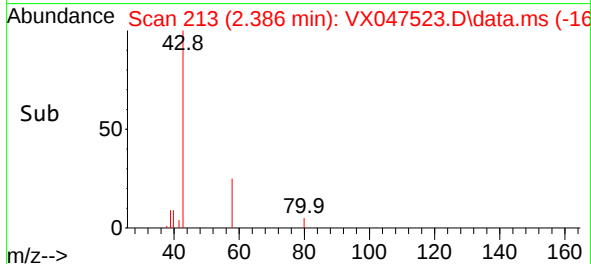
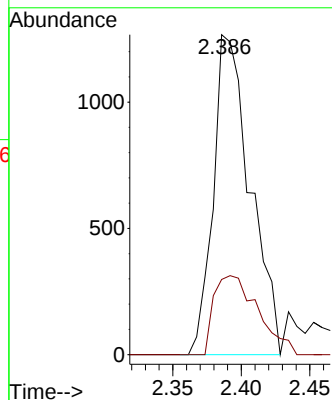
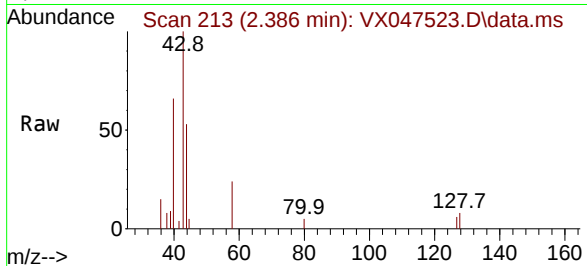




#16
Acetone
Concen: 2.561 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

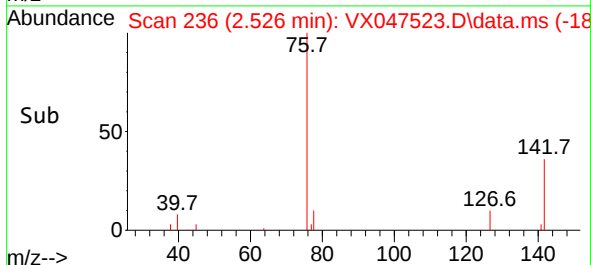
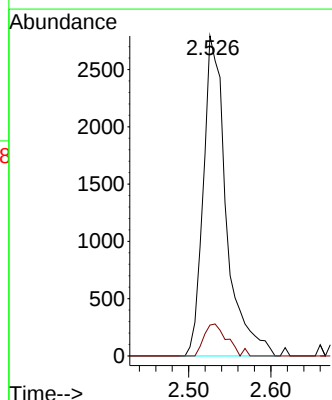
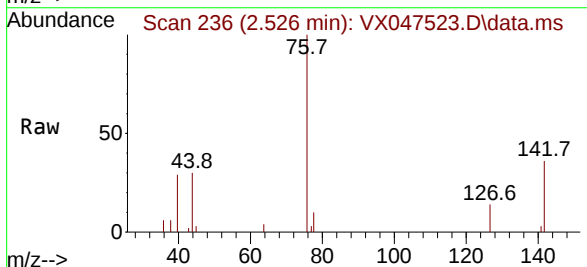
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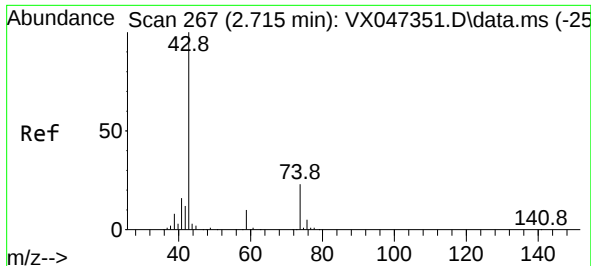
Tgt Ion: 43 Resp: 2372
Ion Ratio Lower Upper
43 100
58 23.5 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.811 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 76 Resp: 5426
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

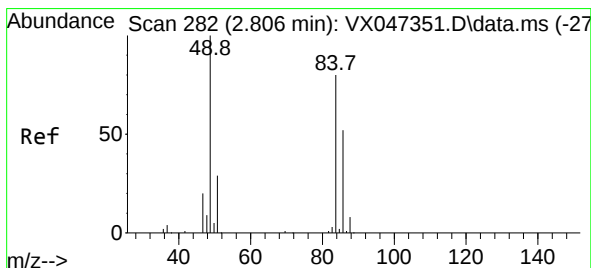
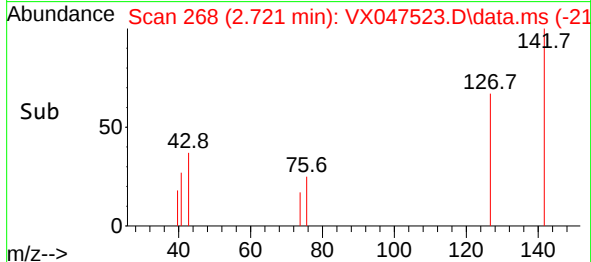
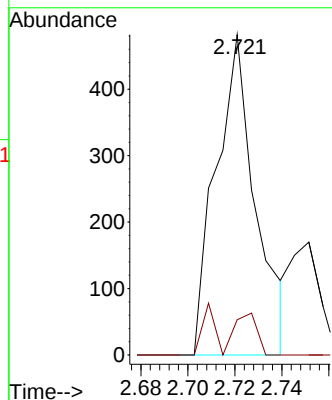
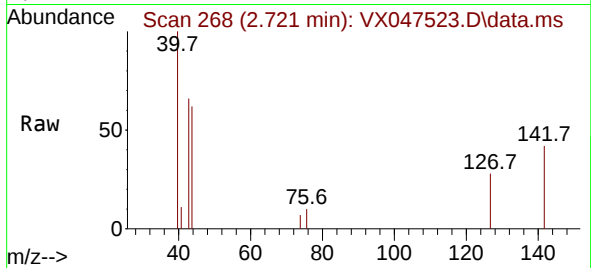




#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

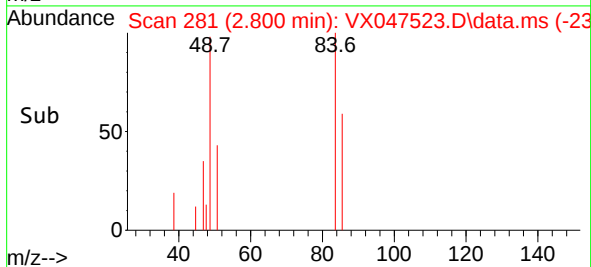
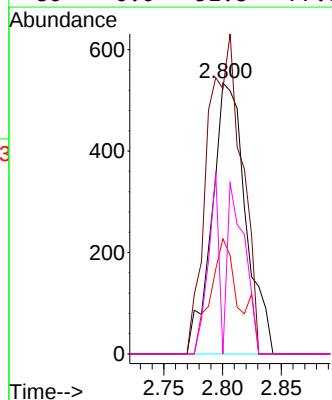
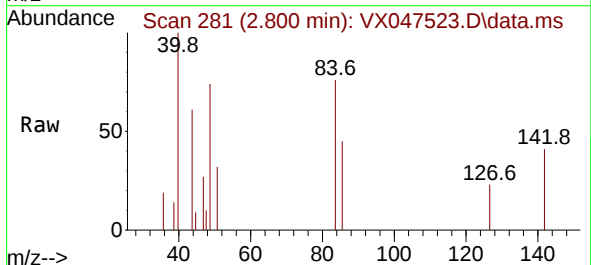
Instrument :
MSVOA_X
ClientSampleId :

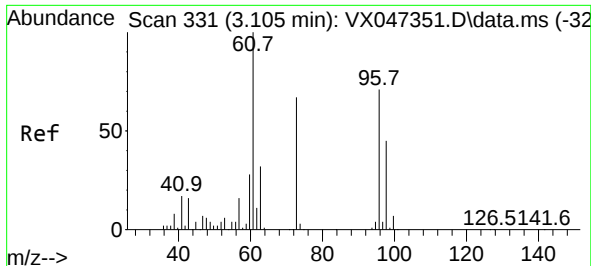
Tgt Ion: 43 Resp: 564
Ion Ratio Lower Upper
43 100
74 7.4 18.4 27.6#



#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 84 Resp: 1069
Ion Ratio Lower Upper
84 100
49 97.9 100.1 150.1#
51 42.5 29.5 44.3
86 0.0 51.8 77.8#

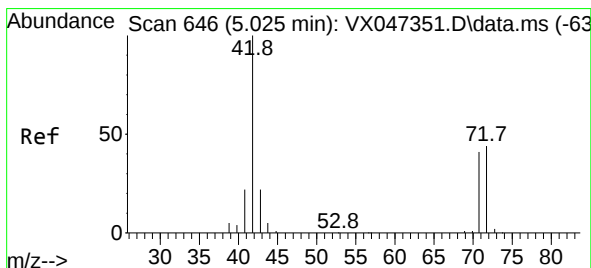
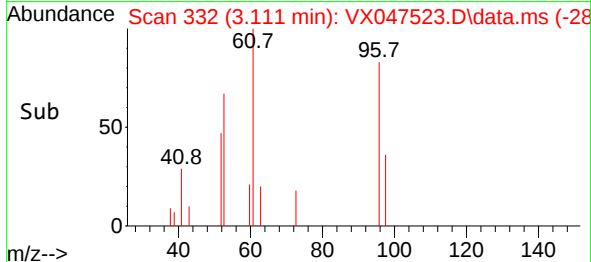
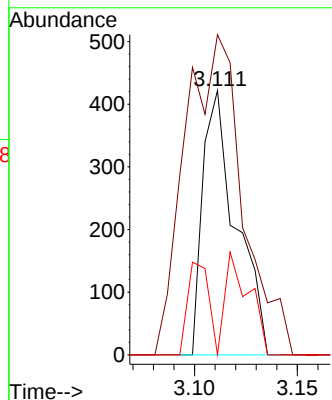
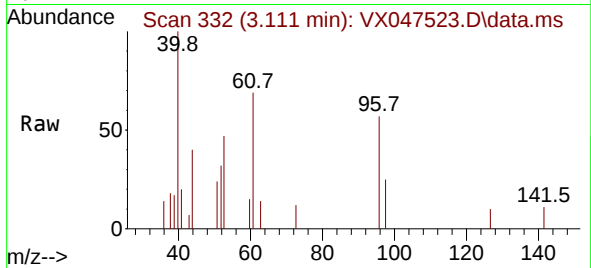




#21
trans-1,2-Dichloroethene
Concen: 0.202 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

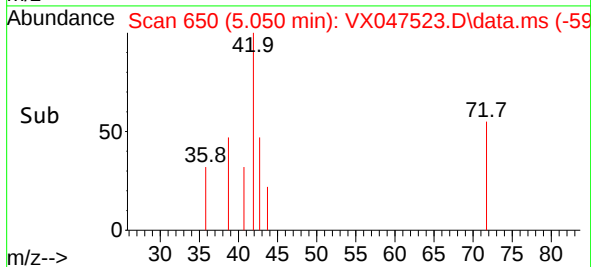
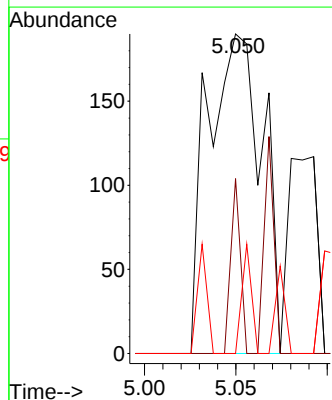
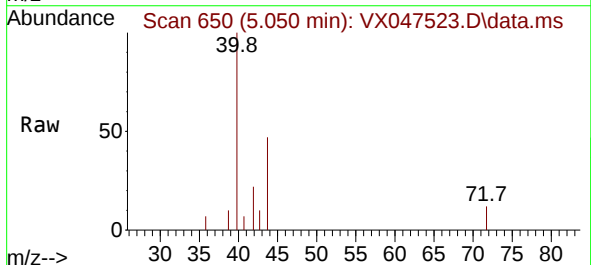
Instrument :
MSVOA_X
ClientSampleId :

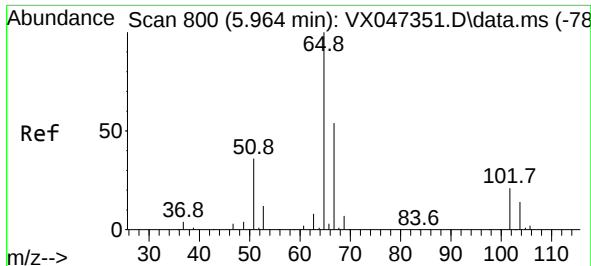
Tgt Ion: 96 Resp: 475
Ion Ratio Lower Upper
96 100
61 99.8 112.6 169.0#
98 0.0 50.9 76.3#



#29
Tetrahydrofuran
Concen: 0.504 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.024 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 42 Resp: 395
Ion Ratio Lower Upper
42 100
72 9.6 34.6 51.8#
71 6.1 32.6 49.0#

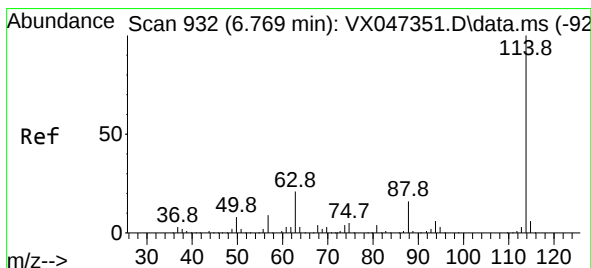
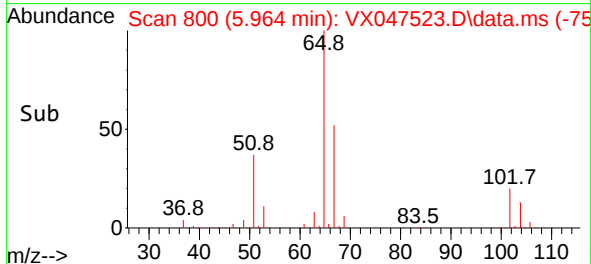
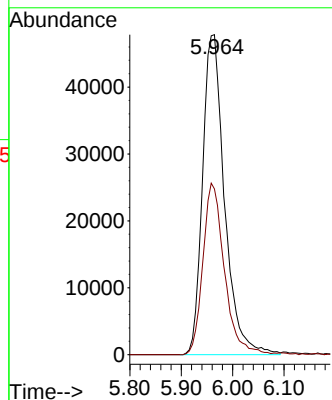
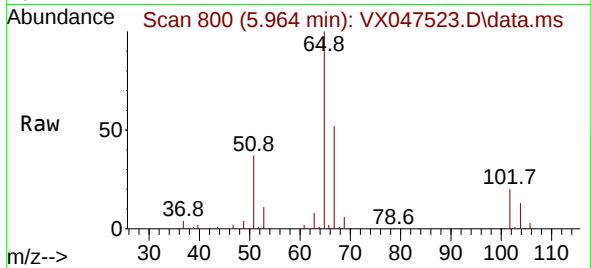




#33
 1,2-Dichloroethane-d4
 Concen: 57.602 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047523.D
 Acq: 26 Aug 2025 10:22

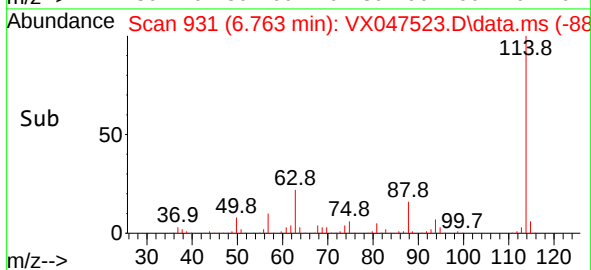
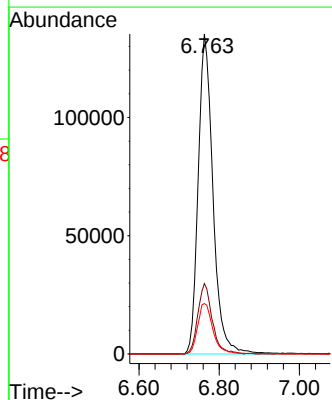
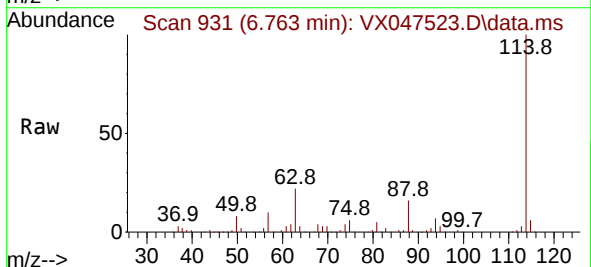
Instrument :
 MSVOA_X
 ClientSampleId :

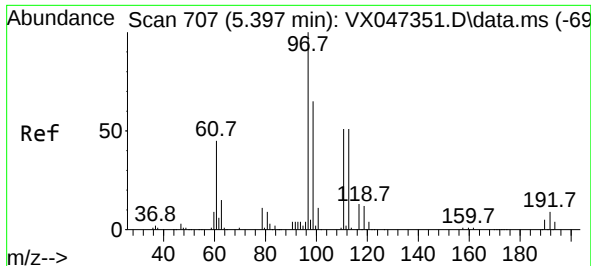
Tgt Ion: 65 Resp: 141927
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047523.D
 Acq: 26 Aug 2025 10:22

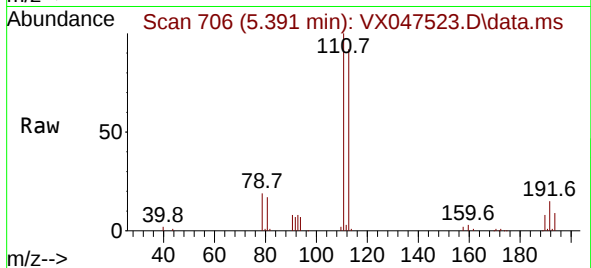
Tgt Ion: 114 Resp: 346044
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 15.8 0.0 33.0



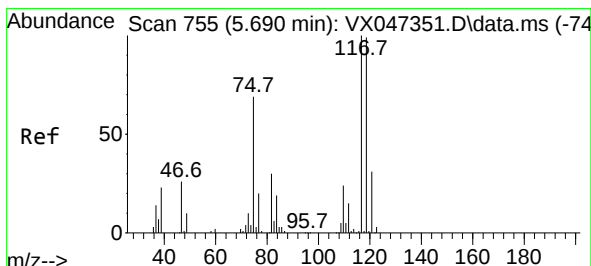
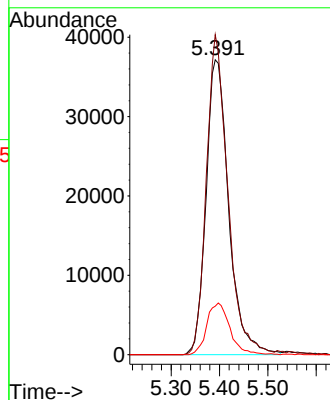
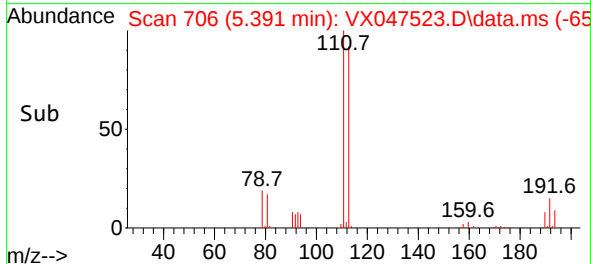


#35
Dibromofluoromethane
Concen: 53.933 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :

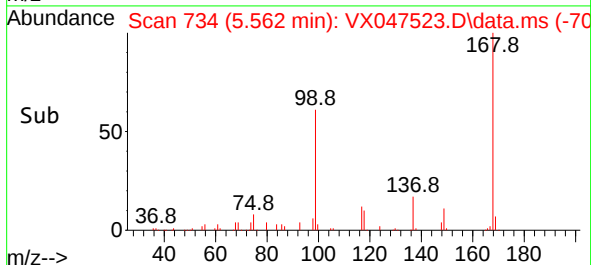
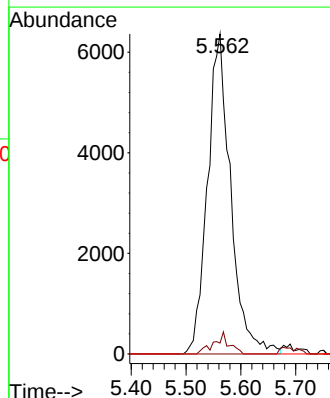
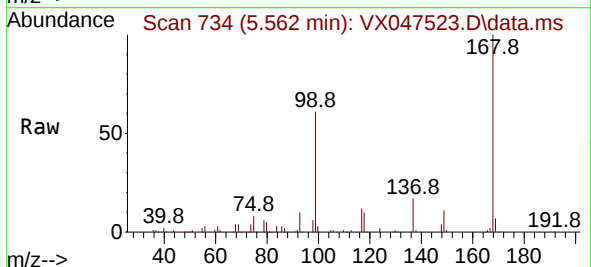


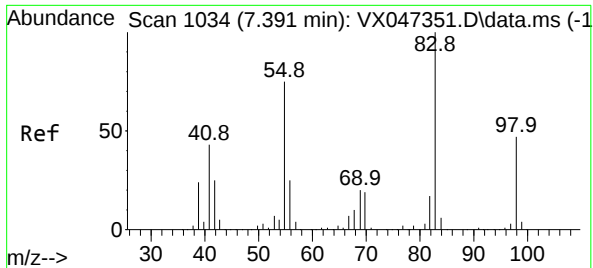
Tgt Ion:113 Resp: 121126
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 17.8 14.1 21.1



#38
Carbon Tetrachloride
Concen: 4.812 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

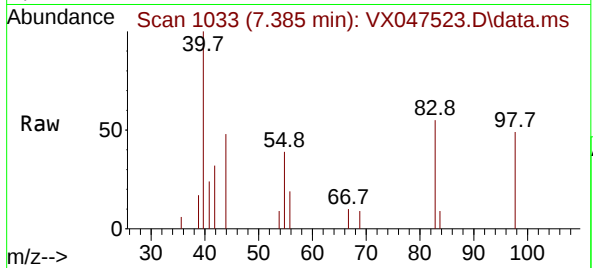
Tgt Ion:117 Resp: 18644
Ion Ratio Lower Upper
117 100
119 3.4 78.5 117.7#
121 0.0 24.7 37.1#



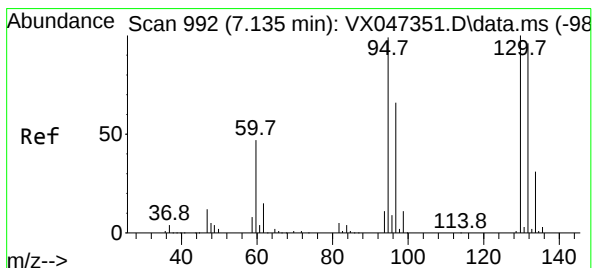
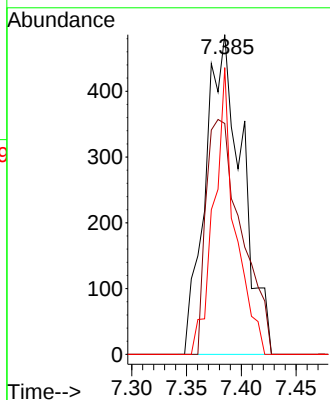
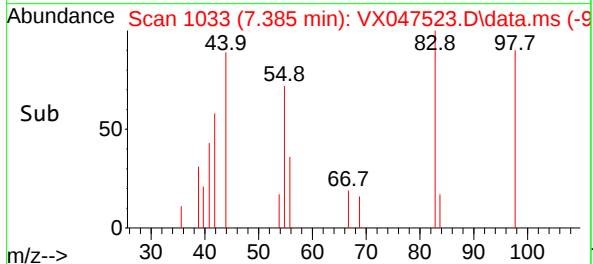


#39
Methylcyclohexane
Concen: 0.256 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :

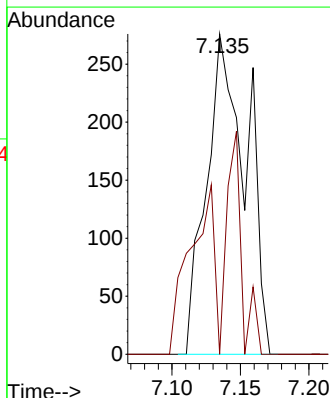
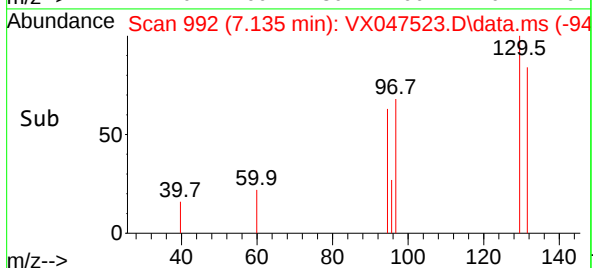
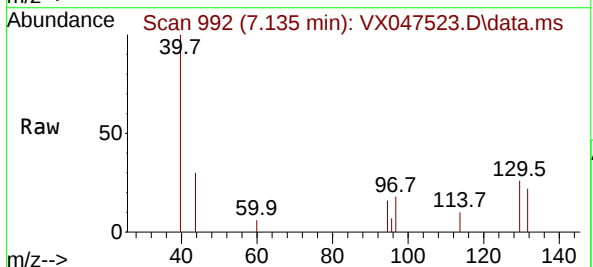


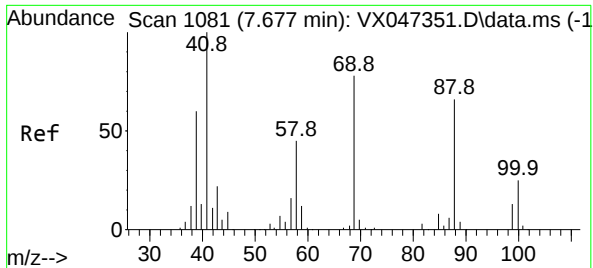
Tgt Ion: 83 Resp: 1132
Ion Ratio Lower Upper
83 100
55 61.7 60.0 90.0
98 76.6 37.2 55.8#



#44
Trichloroethene
Concen: 0.206 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion:130 Resp: 560
Ion Ratio Lower Upper
130 100
95 27.2 0.0 198.6





#49

1,4-Dioxane

Concen: 1.987 ug/l

RT: 7.714 min Scan# 1081

Delta R.T. 0.037 min

Lab File: VX047523.D

Acq: 26 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

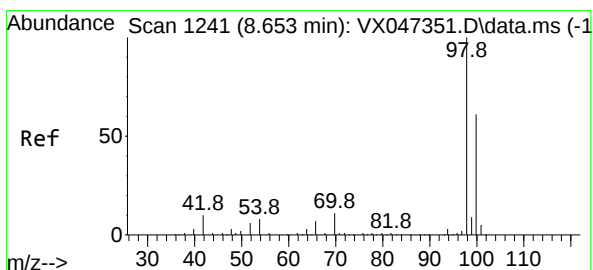
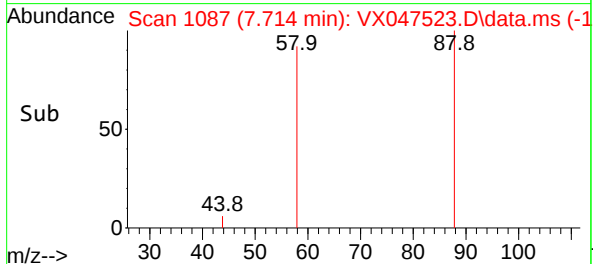
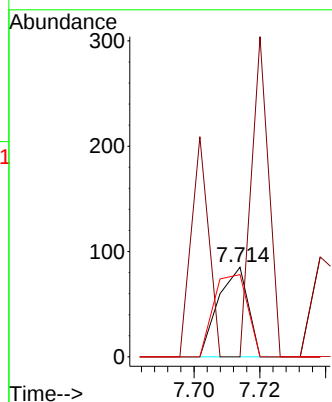
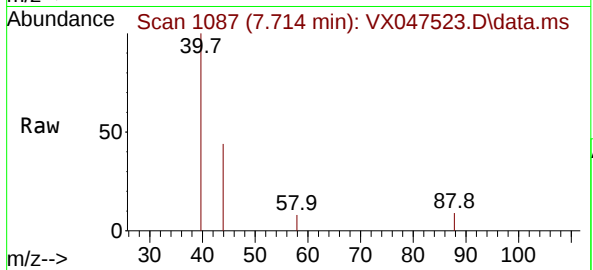
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 209.4 32.4 48.6#

58 105.7 56.9 85.3#



#50

Toluene-d8

Concen: 53.113 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047523.D

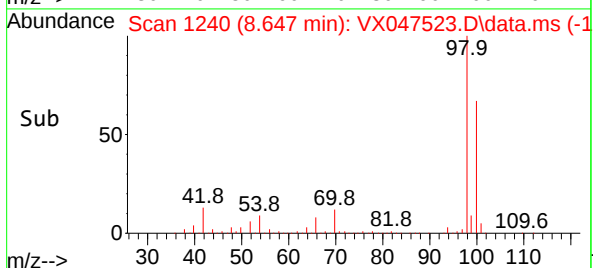
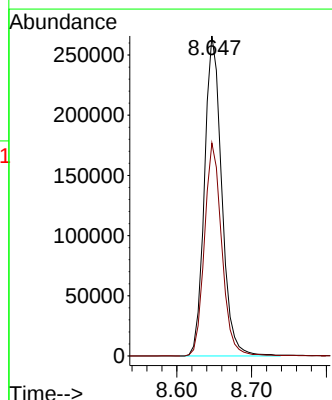
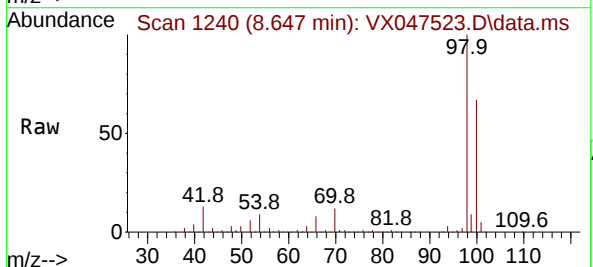
Acq: 26 Aug 2025 10:22

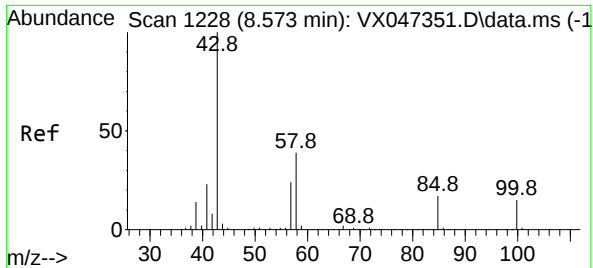
Tgt Ion: 98 Resp: 426357

Ion Ratio Lower Upper

98 100

100 66.5 53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 0.485 ug/l

RT: 8.574 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VX047523.D

Acq: 26 Aug 2025 10:22

Instrument :

MSVOA_X

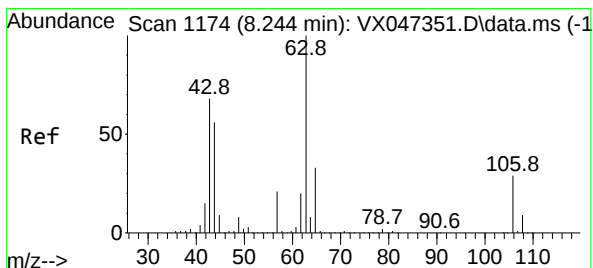
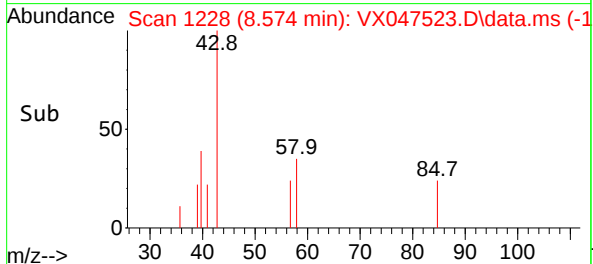
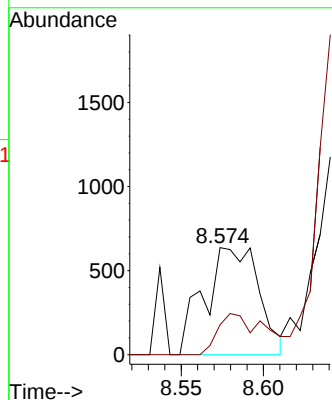
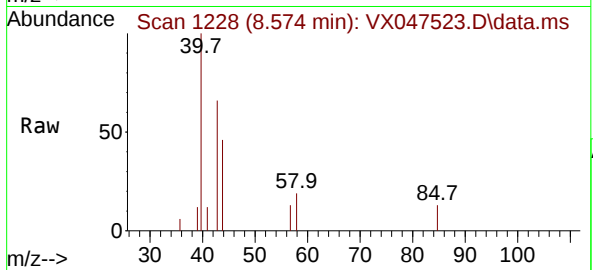
ClientSampleId :

Tgt Ion: 43 Resp: 1475

Ion Ratio Lower Upper

43 100

58 34.8 31.2 46.8



#58

2-Chloroethyl Vinyl ether

Concen: 8.417 ug/l

RT: 8.269 min Scan# 1178

Delta R.T. 0.024 min

Lab File: VX047523.D

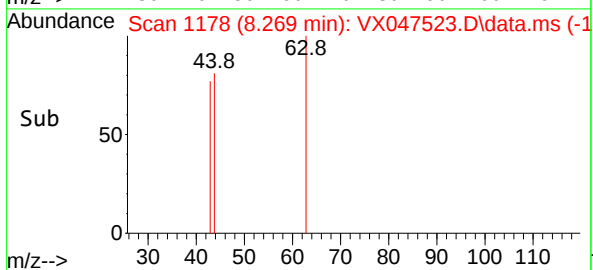
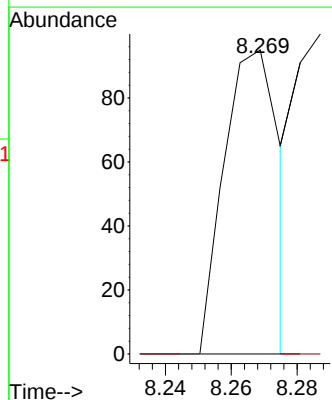
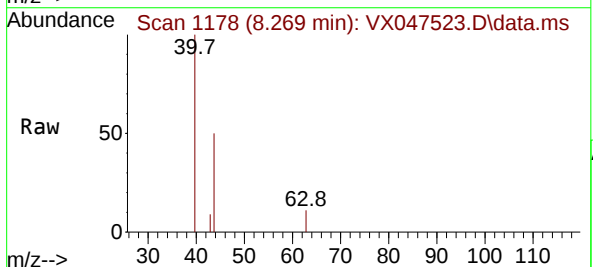
Acq: 26 Aug 2025 10:22

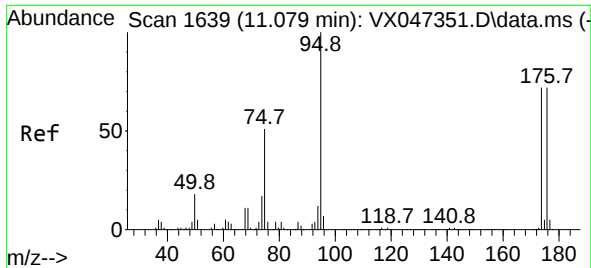
Tgt Ion: 63 Resp: 111

Ion Ratio Lower Upper

63 100

106 0.0 22.8 34.2#

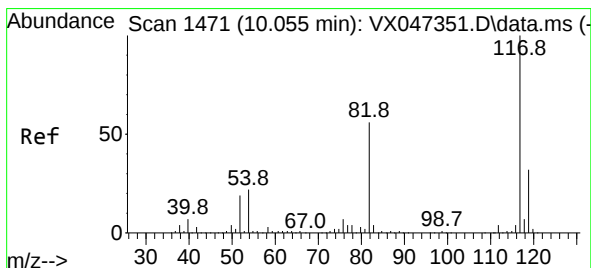
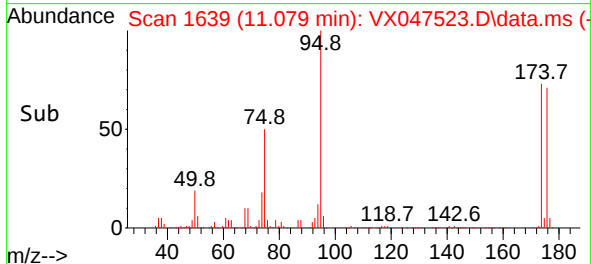
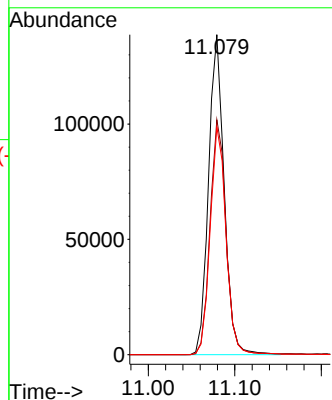
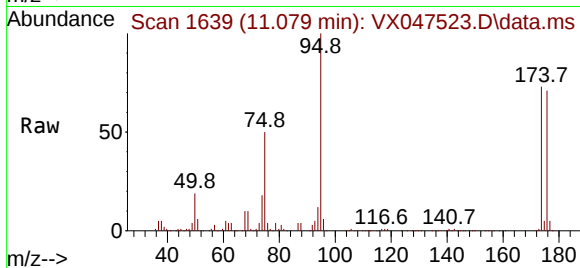




#62
4-Bromofluorobenzene
Concen: 58.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

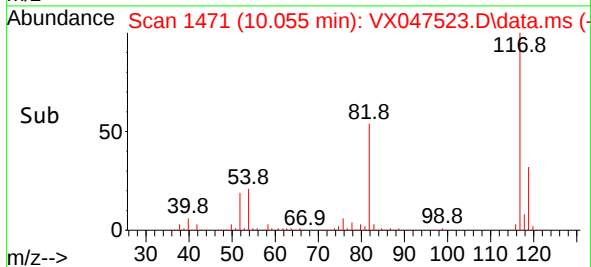
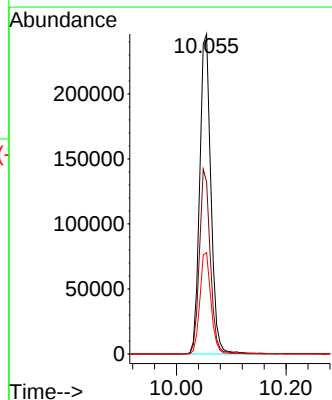
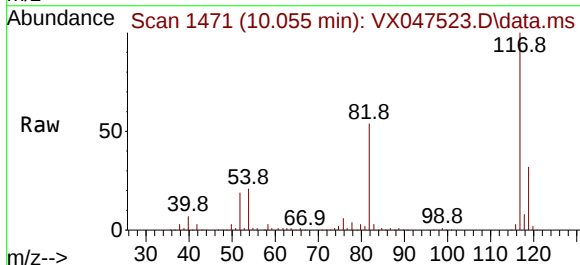
Instrument :
MSVOA_X
ClientSampleId :

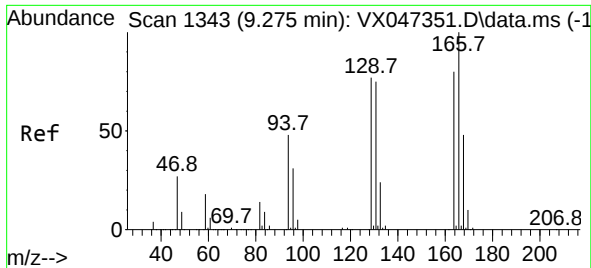
Tgt Ion: 95 Resp: 173876
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.0
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

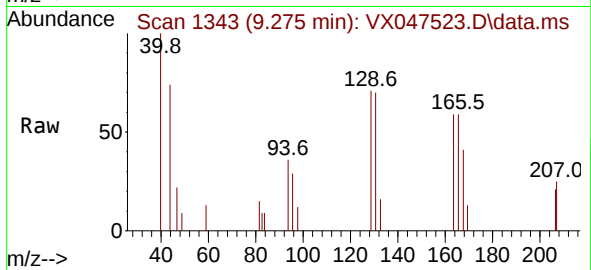
Tgt Ion: 117 Resp: 350142
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 31.7 25.8 38.8



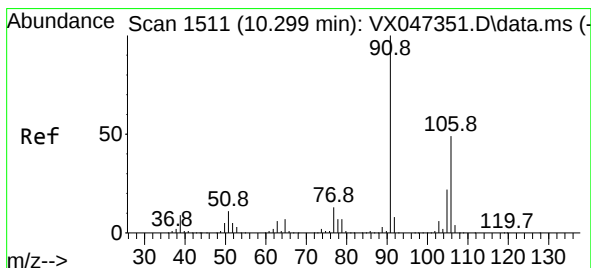
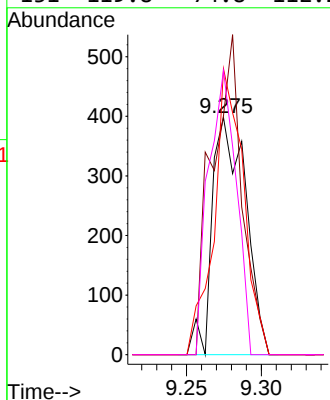
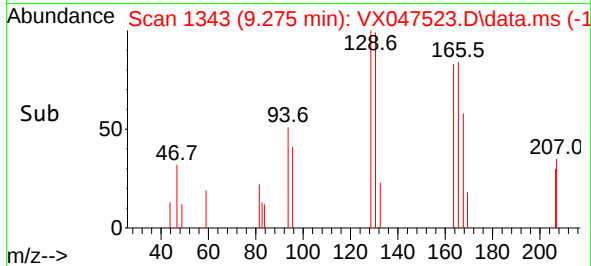


#64
Tetrachloroethene
Concen: 0.245 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

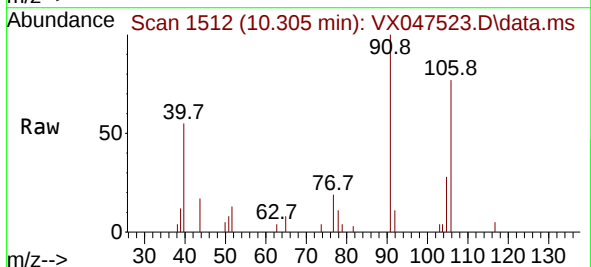
Instrument :
MSVOA_X
ClientSampleId :



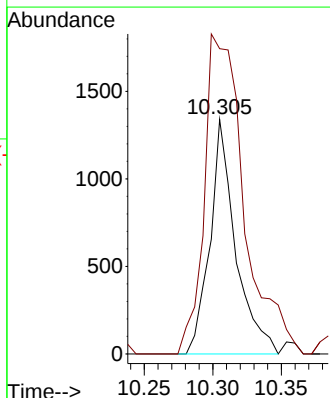
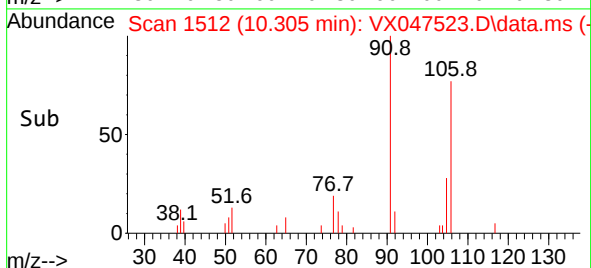
Tgt Ion:164 Resp: 621
Ion Ratio Lower Upper
164 100
166 100.8 100.3 150.5
129 120.6 77.7 116.5#
131 119.8 74.8 112.2#

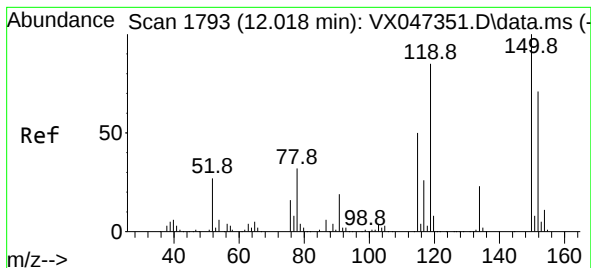


#68
m/p-Xylenes
Concen: 0.325 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22



Tgt Ion:106 Resp: 1736
Ion Ratio Lower Upper
106 100
91 212.9 164.7 247.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047523.D

Acq: 26 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

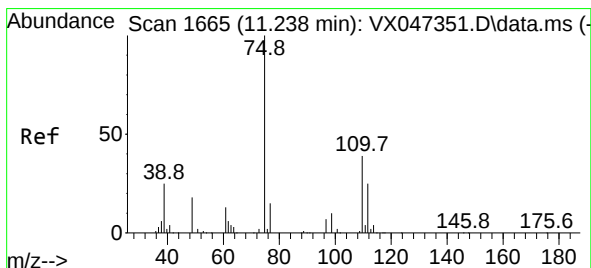
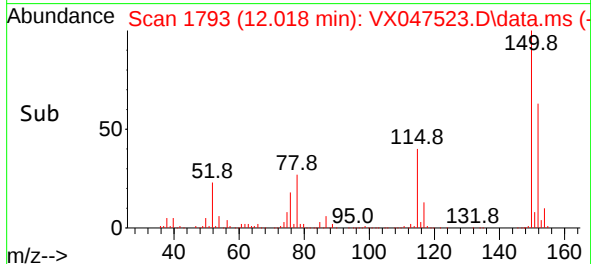
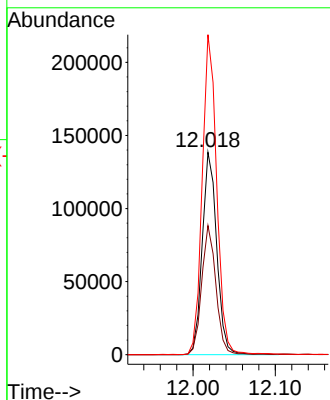
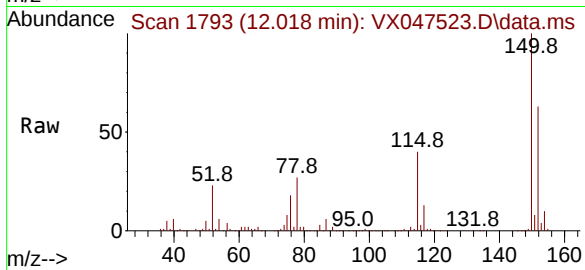
Tgt Ion:152 Resp: 170182

Ion Ratio Lower Upper

152 100

115 62.7 44.6 133.8

150 158.4 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 28.714 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047523.D

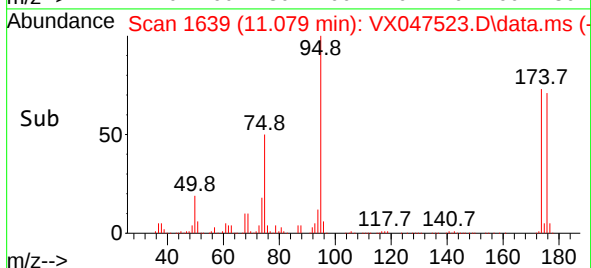
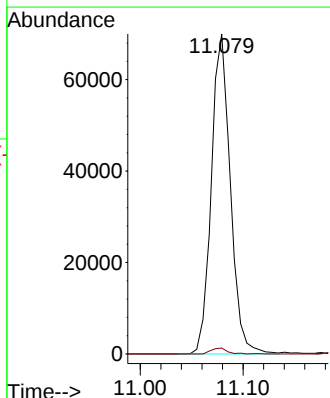
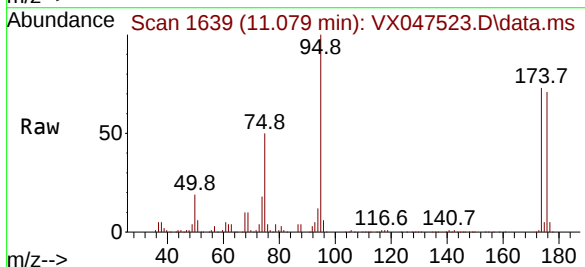
Acq: 26 Aug 2025 10:22

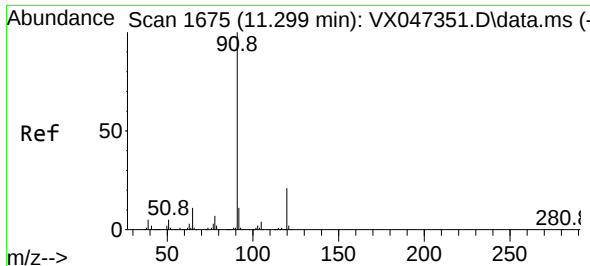
Tgt Ion: 75 Resp: 89627

Ion Ratio Lower Upper

75 100

77 1.6 19.4 58.2#

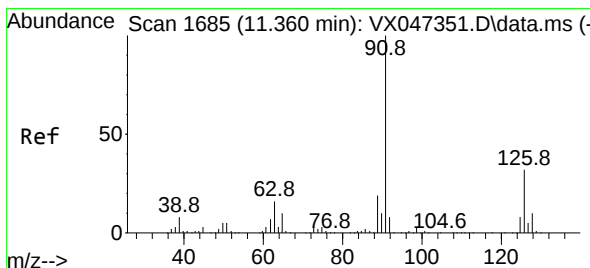
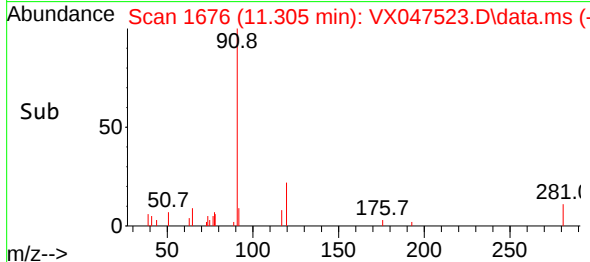
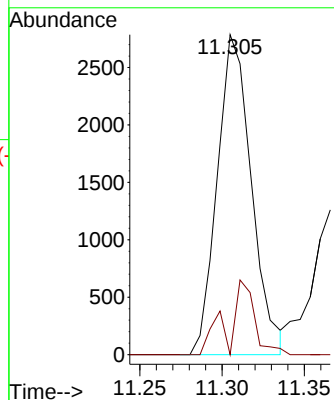
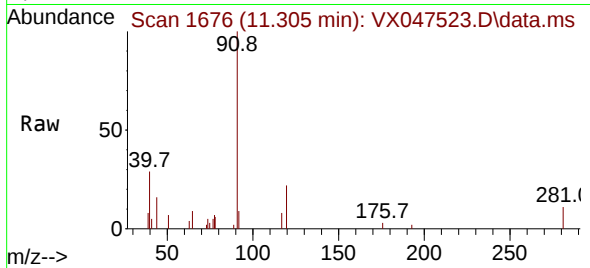




#78
n-propylbenzene
Concen: 0.253 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

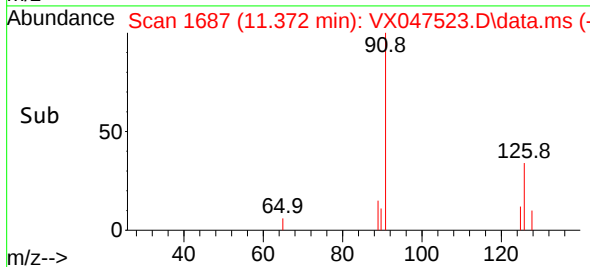
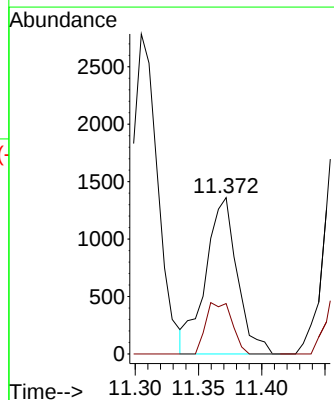
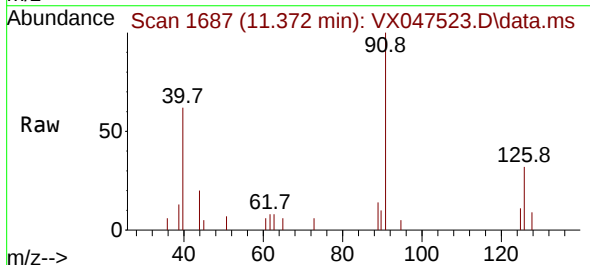
Instrument :
MSVOA_X
ClientSampleId :

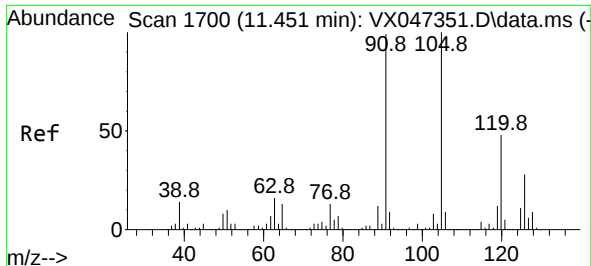
Tgt Ion: 91 Resp: 4030
Ion Ratio Lower Upper
91 100
120 18.1 11.0 33.0



#79
2-Chlorotoluene
Concen: 0.246 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.012 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

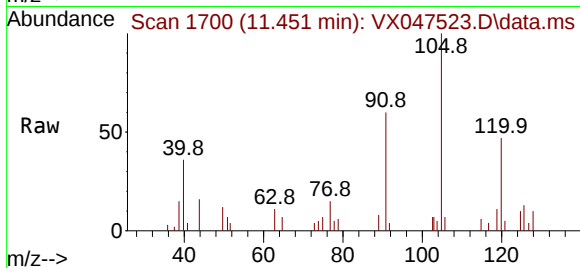
Tgt Ion: 91 Resp: 2364
Ion Ratio Lower Upper
91 100
126 27.3 16.7 50.1



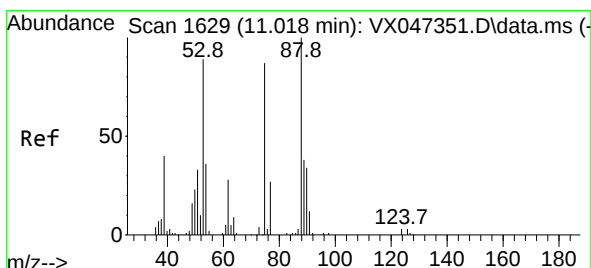
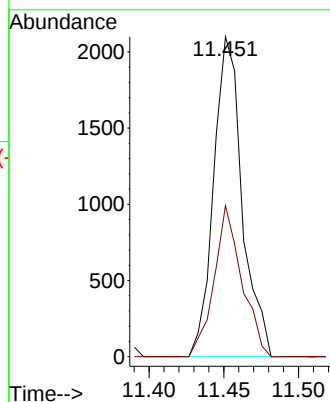
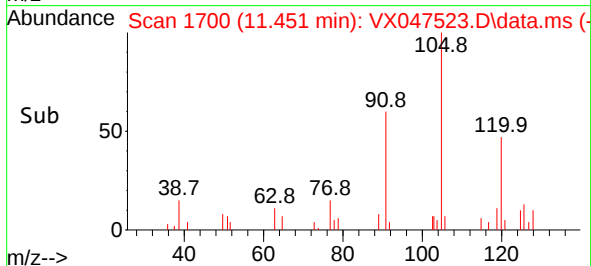


#80
1,3,5-Trimethylbenzene
Concen: 0.254 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :

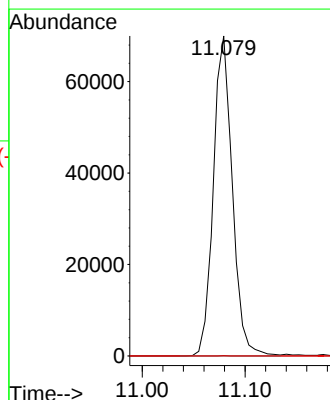
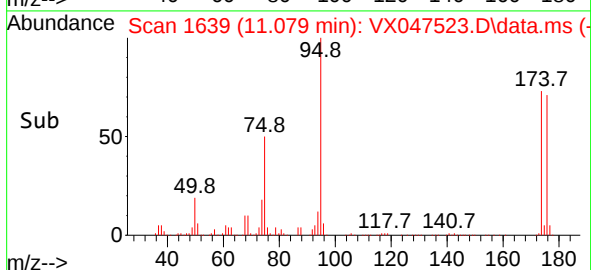
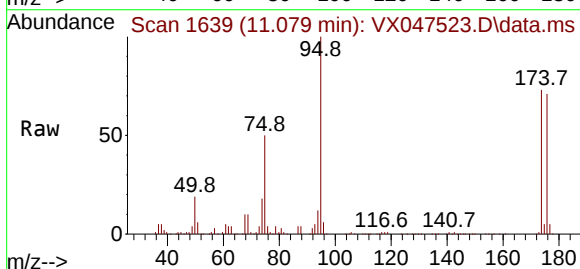


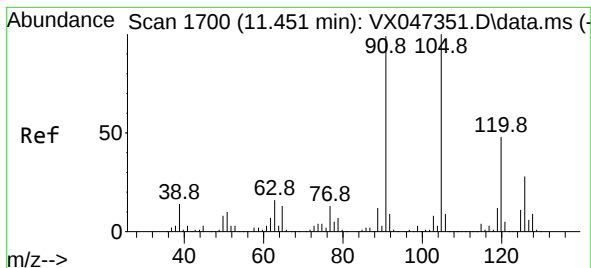
Tgt Ion:105 Resp: 2778
Ion Ratio Lower Upper
105 100
120 45.9 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 113.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 75 Resp: 89627
Ion Ratio Lower Upper
75 100
53 0.0 85.2 127.8#
89 0.0 36.7 55.1#

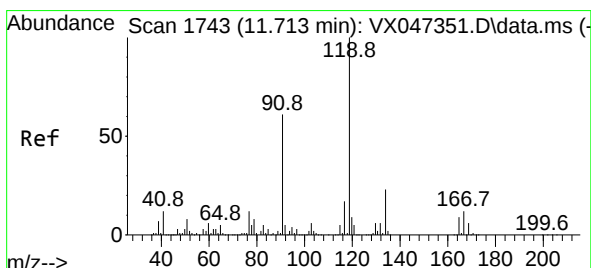
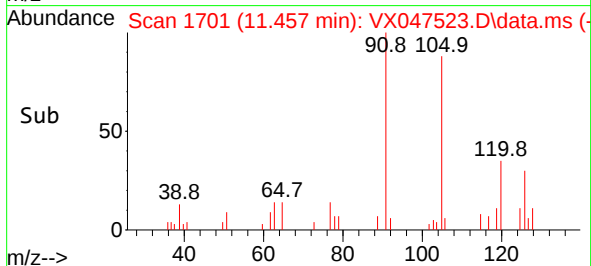
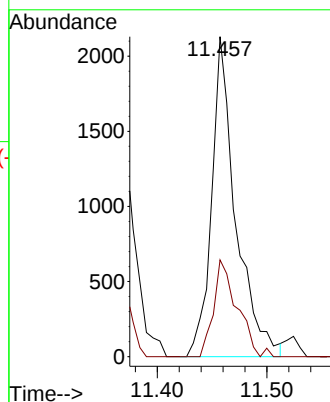
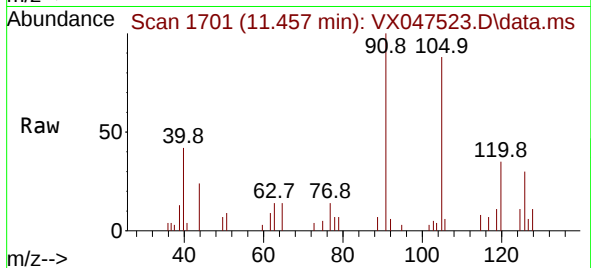




#82
4-Chlorotoluene
Concen: 0.287 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

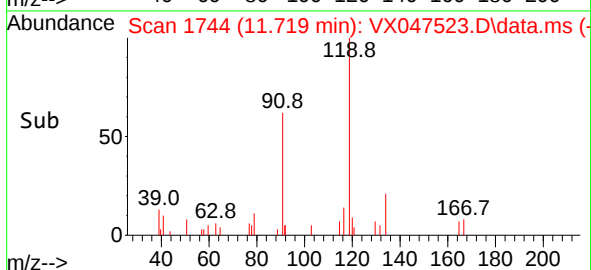
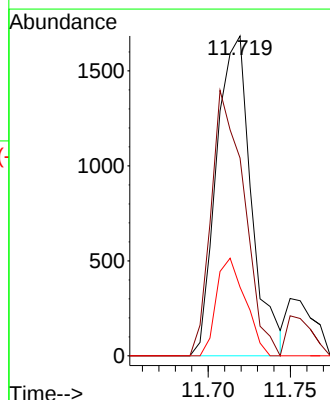
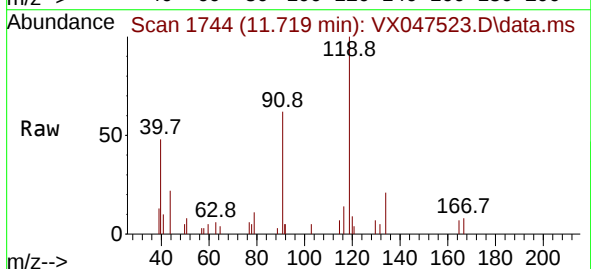
Instrument :
MSVOA_X
ClientSampleId :

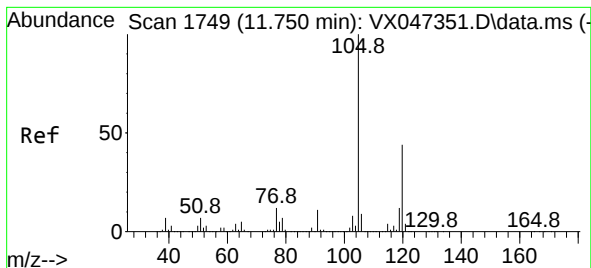
Tgt Ion: 91 Resp: 3253
Ion Ratio Lower Upper
91 100
126 29.6 14.4 43.0



#83
tert-Butylbenzene
Concen: 0.227 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 119 Resp: 2484
Ion Ratio Lower Upper
119 100
91 78.6 29.1 87.4
134 25.4 11.3 33.9





#84

1,2,4-Trimethylbenzene

Concen: 0.259 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX047523.D

Acq: 26 Aug 2025 10:22

Instrument :

MSVOA_X

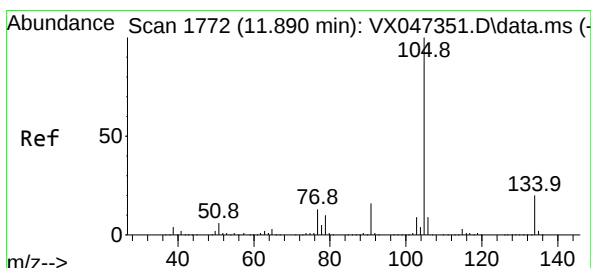
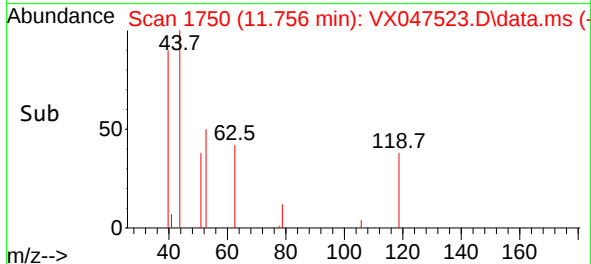
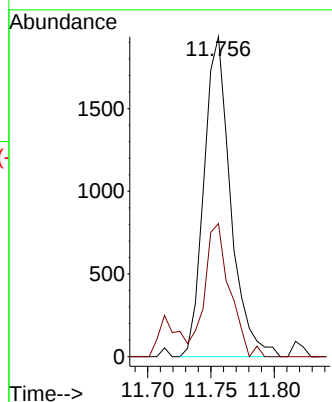
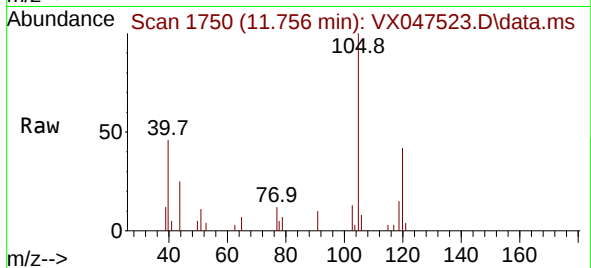
ClientSampleId :

Tgt Ion:105 Resp: 2835

Ion Ratio Lower Upper

105 100

120 39.2 21.9 65.7



#85

sec-Butylbenzene

Concen: 0.377 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX047523.D

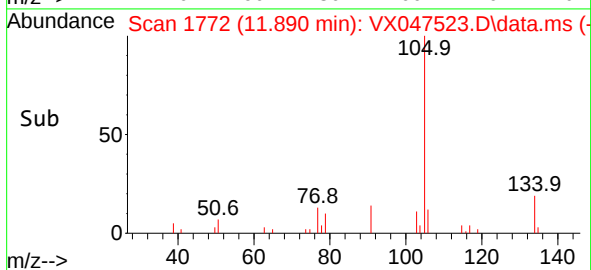
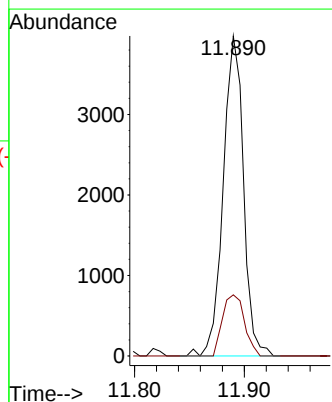
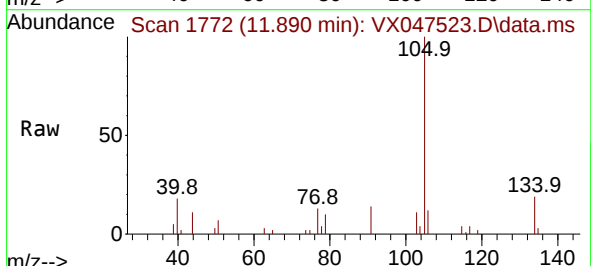
Acq: 26 Aug 2025 10:22

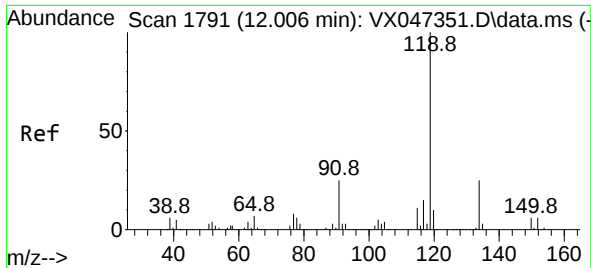
Tgt Ion:105 Resp: 5105

Ion Ratio Lower Upper

105 100

134 20.7 9.8 29.5

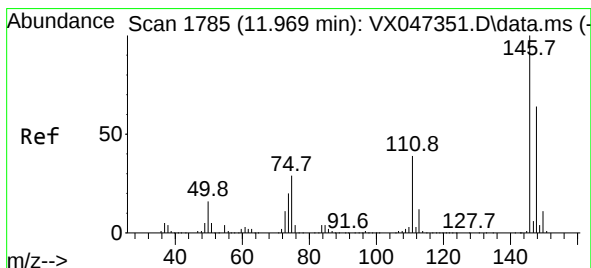
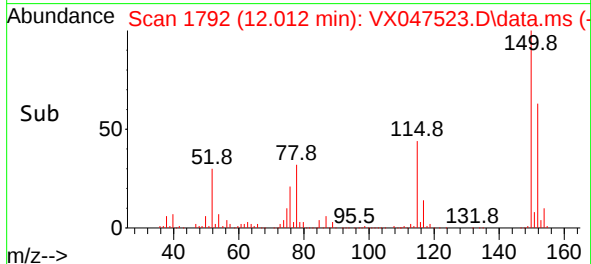
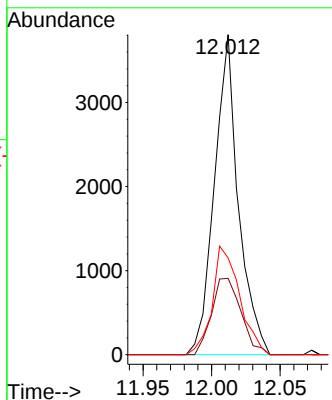
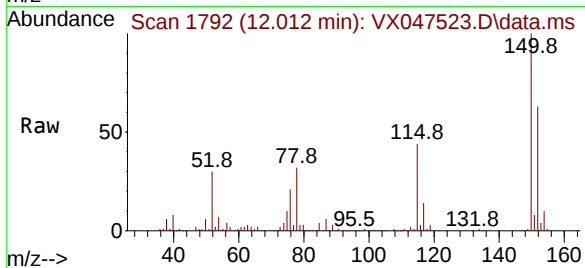




#86
 p-Isopropyltoluene
 Concen: 0.404 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX047523.D
 Acq: 26 Aug 2025 10:22

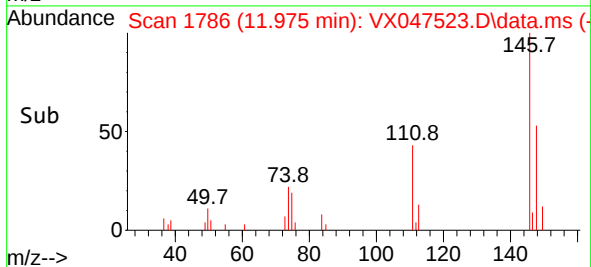
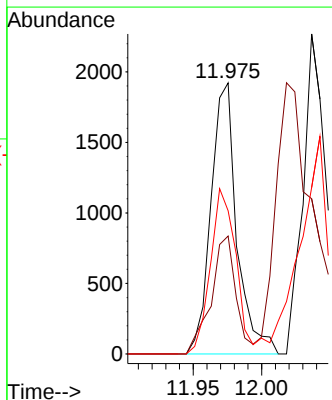
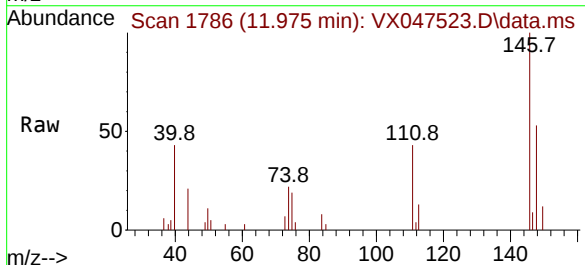
Instrument :
 MSVOA_X
 ClientSampleId :

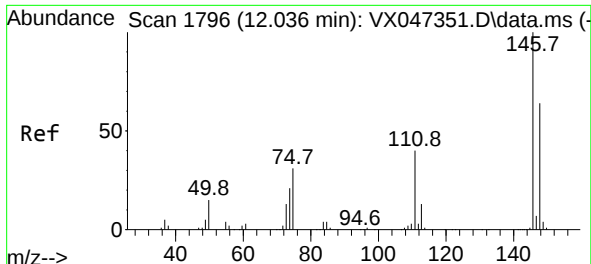
Tgt Ion:119 Resp: 4630
 Ion Ratio Lower Upper
 119 100
 134 29.3 12.8 38.4
 91 38.6 12.4 37.4#



#87
 1,3-Dichlorobenzene
 Concen: 0.406 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX047523.D
 Acq: 26 Aug 2025 10:22

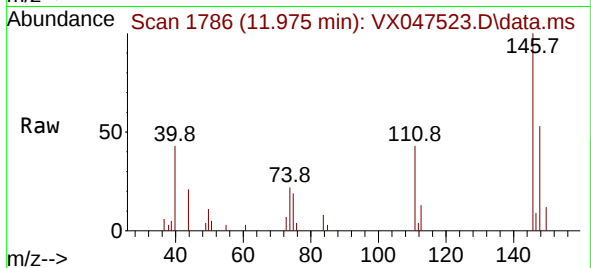
Tgt Ion:146 Resp: 2522
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.8
 148 59.6 31.9 95.5



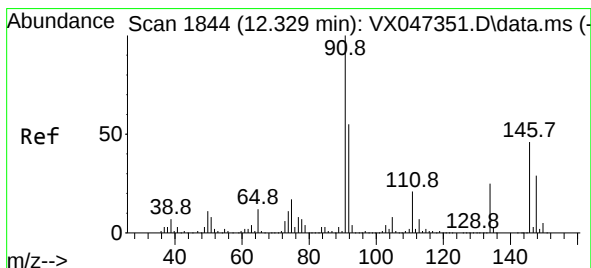
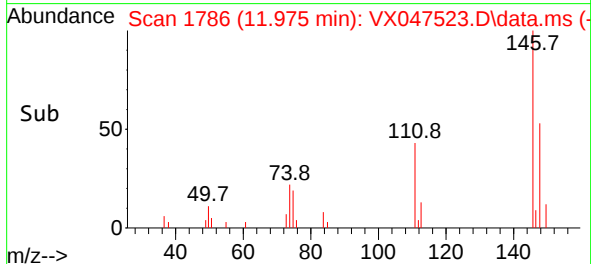
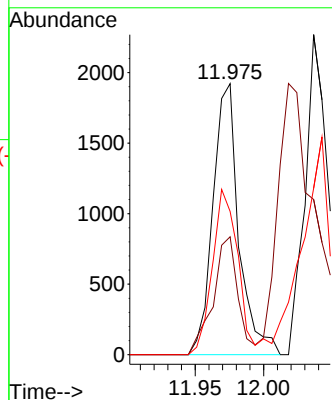


#88
1,4-Dichlorobenzene
Concen: 0.395 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.061 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :

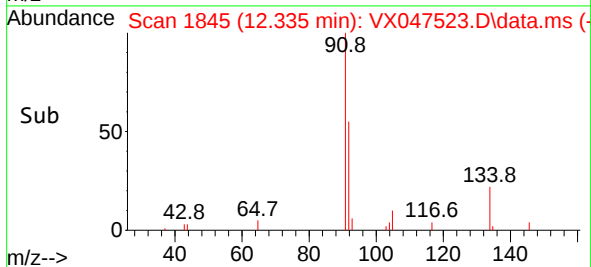
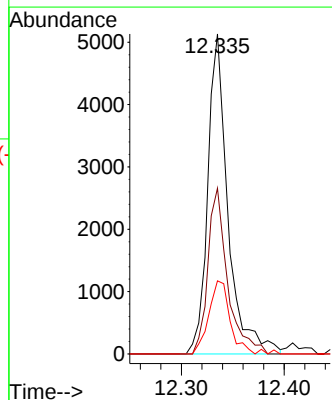
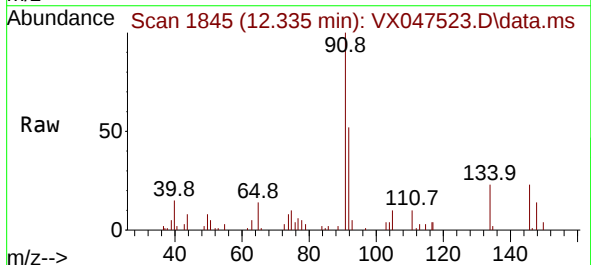


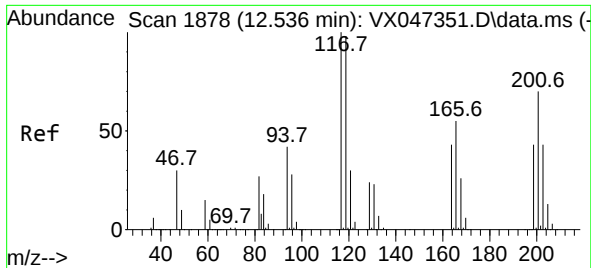
Tgt Ion:146 Resp: 2522
Ion Ratio Lower Upper
146 100
111 42.0 20.4 61.2
148 59.6 31.7 95.1



#89
n-Butylbenzene
Concen: 0.658 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

Tgt Ion: 91 Resp: 7015
Ion Ratio Lower Upper
91 100
92 50.5 27.2 81.5
134 23.8 12.6 37.8

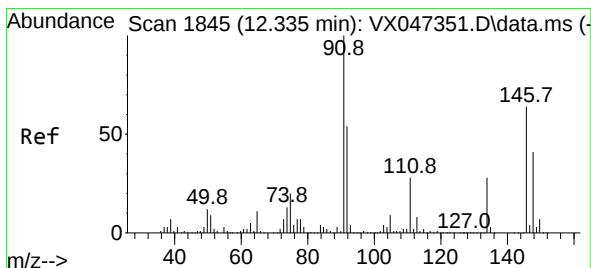
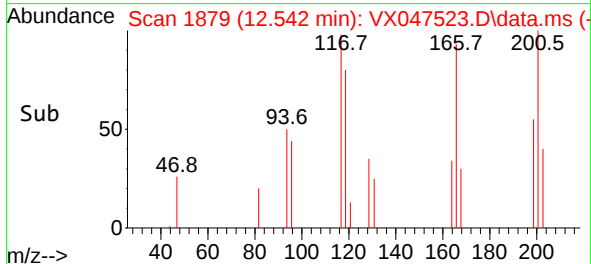
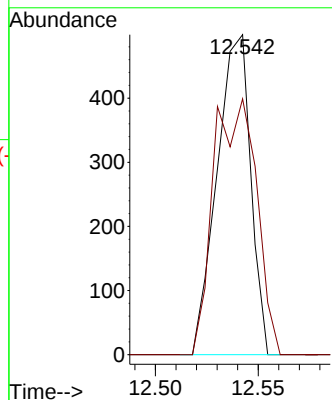
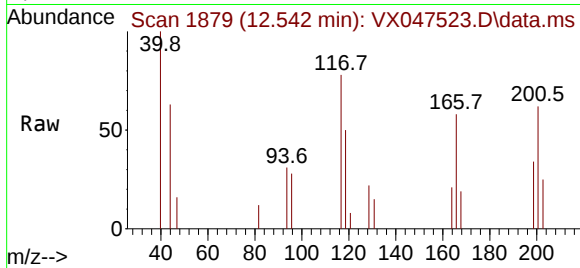




#90
Hexachloroethane
Concen: 0.282 ug/l
RT: 12.542 min Scan# 117
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

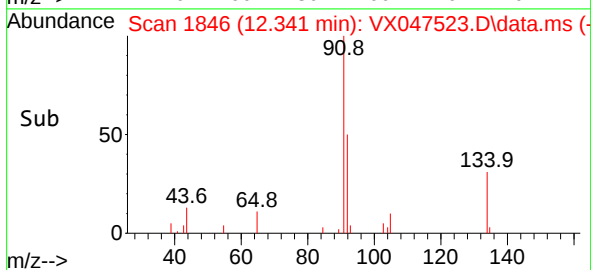
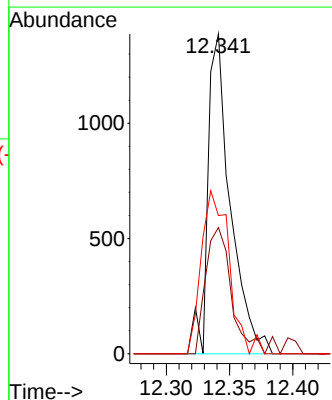
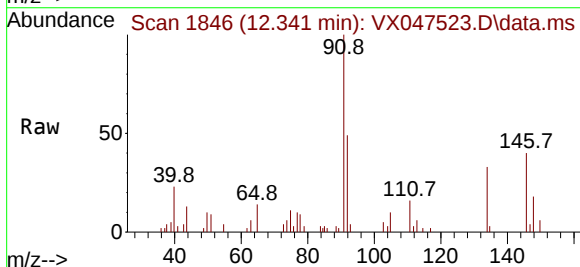
Instrument :
MSVOA_X
ClientSampleId :

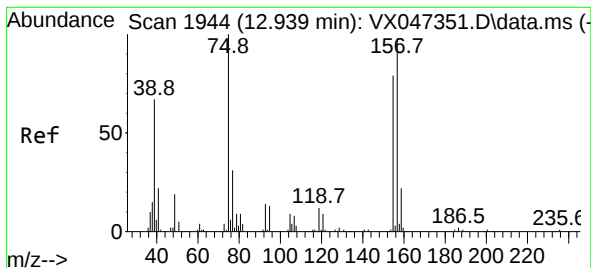
Tgt Ion:117 Resp: 568
Ion Ratio Lower Upper
117 100
201 102.3 35.1 105.3



#91
1,2-Dichlorobenzene
Concen: 0.291 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX047523.D
Acq: 26 Aug 2025 10:22

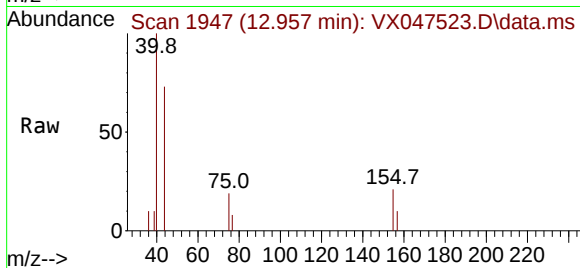
Tgt Ion:146 Resp: 1718
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.1
148 63.2 31.9 95.5



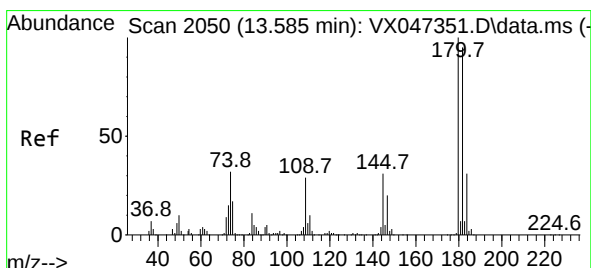
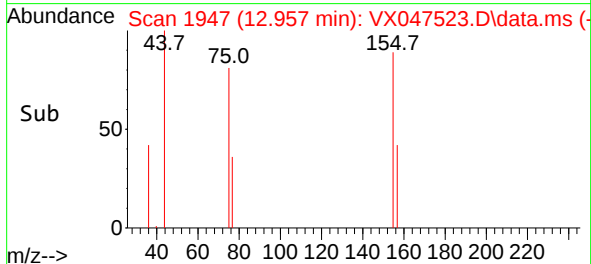
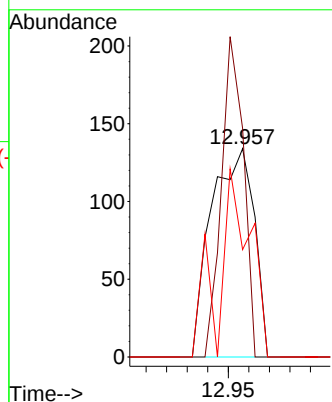


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.257 ug/l
 RT: 12.957 min Scan# 1947
 Delta R.T. 0.018 min
 Lab File: VX047523.D
 Acq: 26 Aug 2025 10:22

Instrument :
 MSVOA_X
 ClientSampleId :

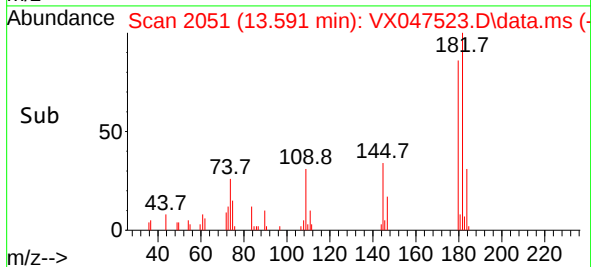
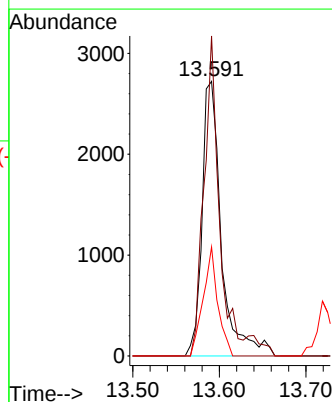
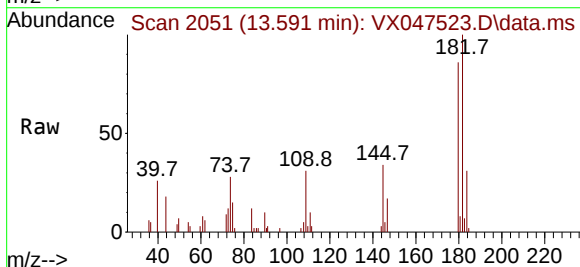


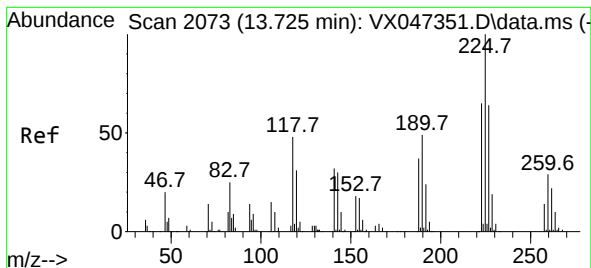
Tgt Ion: 75 Resp: 194
 Ion Ratio Lower Upper
 75 100
 155 79.4 41.3 123.7
 157 67.0 51.5 154.5



#93
 1,2,4-Trichlorobenzene
 Concen: 1.071 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX047523.D
 Acq: 26 Aug 2025 10:22

Tgt Ion: 180 Resp: 4233
 Ion Ratio Lower Upper
 180 100
 182 91.7 48.1 144.4
 145 30.0 16.2 48.5





#94

Hexachlorobutadiene

Concen: 3.776 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047523.D

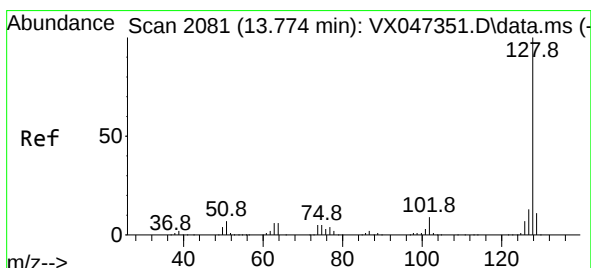
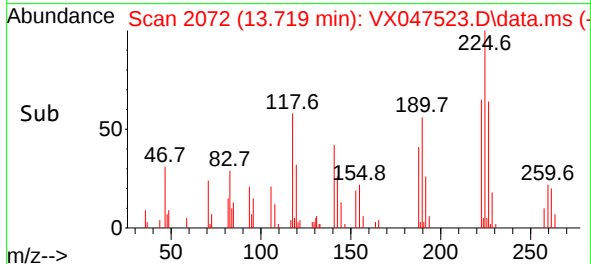
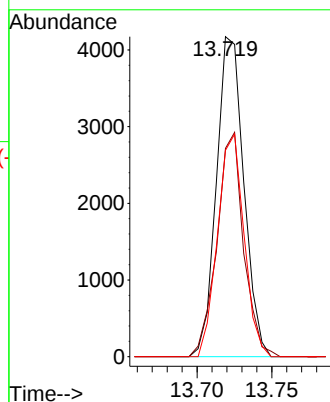
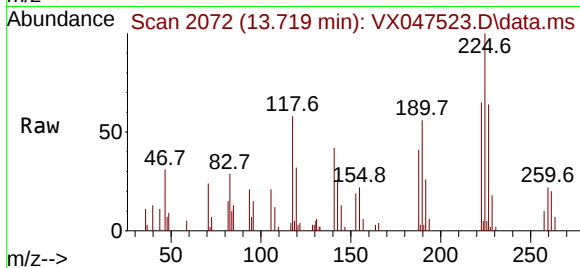
Acq: 26 Aug 2025 10:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	225	Resp:	5314
Ion	Ratio	Lower	Upper
225	100		
223	68.3	32.2	96.6
227	67.1	31.6	95.0



#95

Naphthalene

Concen: 0.975 ug/l

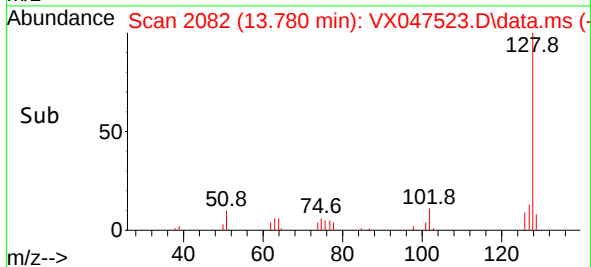
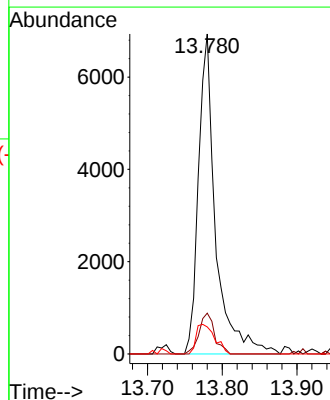
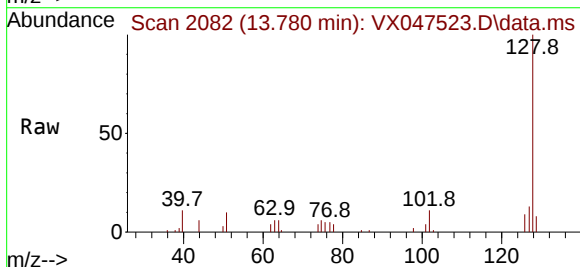
RT: 13.780 min Scan# 2082

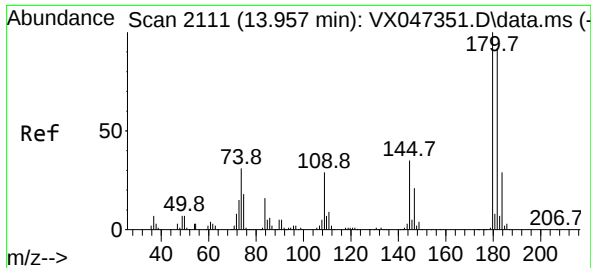
Delta R.T. 0.006 min

Lab File: VX047523.D

Acq: 26 Aug 2025 10:22

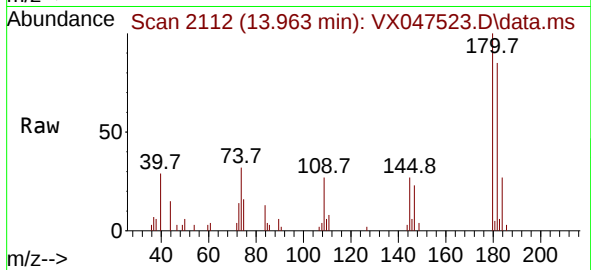
Tgt Ion:	128	Resp:	11019
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.1	15.1
129	10.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.137 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX047523.D
 Acq: 26 Aug 2025 10:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 4237
 Ion Ratio Lower Upper
 180 100
 182 92.4 48.0 144.2
 145 29.6 17.4 52.2

