

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048396.D
 Acq On : 28 Oct 2025 14:09
 Operator : JC/MD
 Sample : Q3472-06 20X
 Misc : 2.19g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

Quant Time: Oct 29 01:20:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

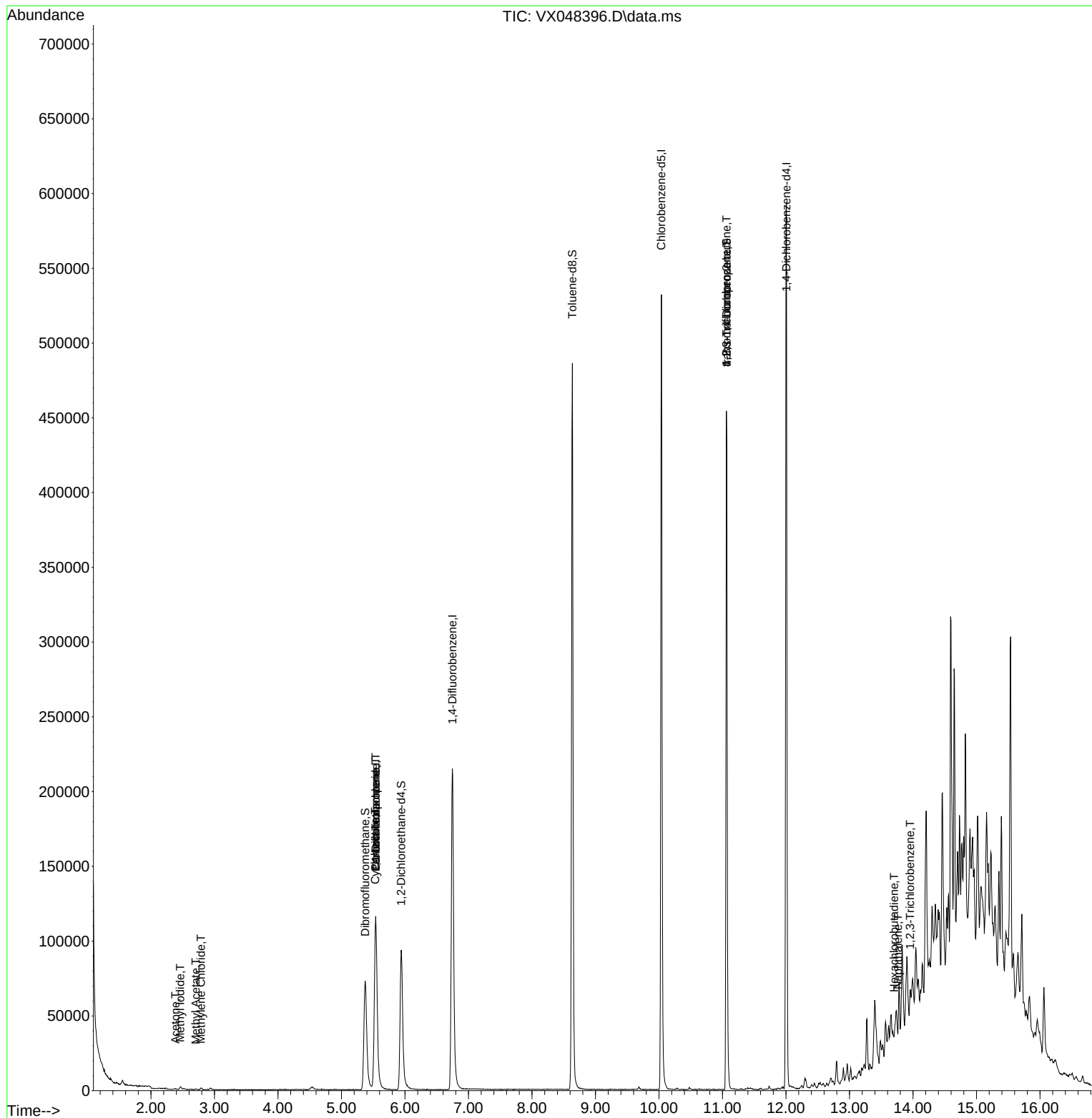
Internal Standards						
1) Pentafluorobenzene	5.538	168	118728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	242873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104858	62.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.980%#
35) Dibromofluoromethane	5.373	113	72485	43.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.440%
50) Toluene-d8	8.635	98	301509	51.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.760%
62) 4-Bromofluorobenzene	11.061	95	130604	59.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.140%
Target Compounds						
						Qvalue
10) Methyl Iodide	2.459	142	2499	1.552	ug/l	97
16) Acetone	2.386	43	800	1.401	ug/l #	85
18) Methyl Acetate	2.703	43	369	0.309	ug/l #	54
20) Methylene Chloride	2.788	84	477	0.343	ug/l #	84
31) Cyclohexane	5.532	56	2491	1.206	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	9869	4.188	ug/l #	50
38) Carbon Tetrachloride	5.538	117	11929	4.103	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	67984	31.828	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.061	75	67984	77.434	ug/l #	10
94) Hexachlorobutadiene	13.701	225	195	0.247	ug/l #	41
95) Naphthalene	13.762	128	2304	0.301	ug/l #	66
96) 1,2,3-Trichlorobenzene	13.951	180	1124	0.424	ug/l #	1

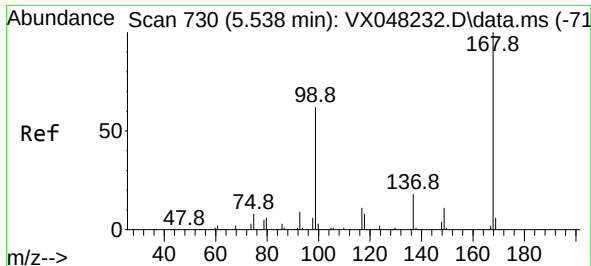
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
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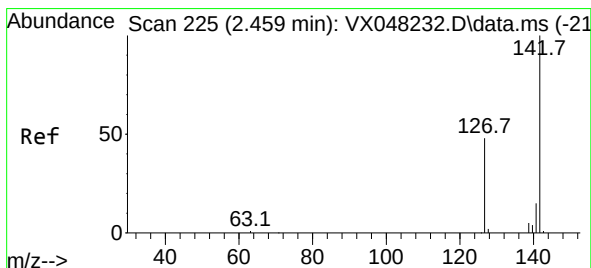
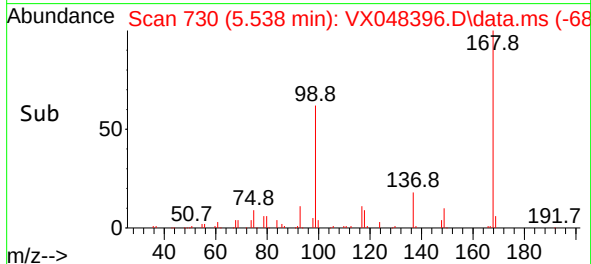
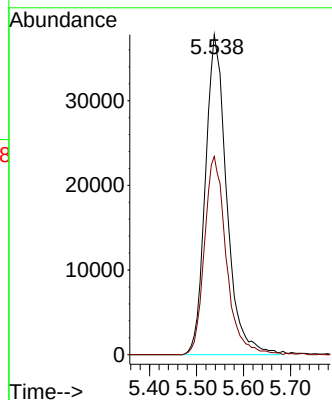
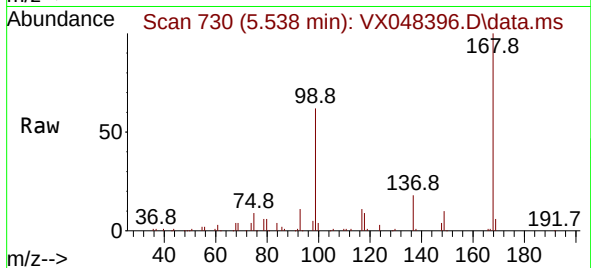




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

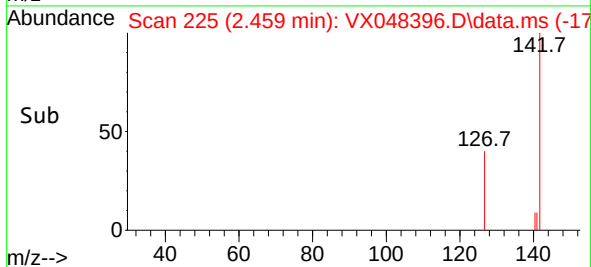
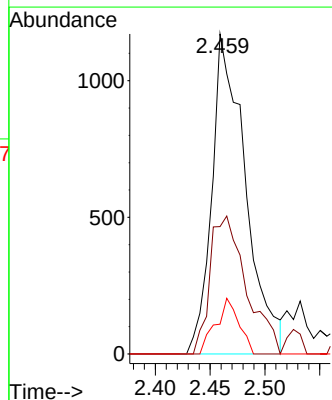
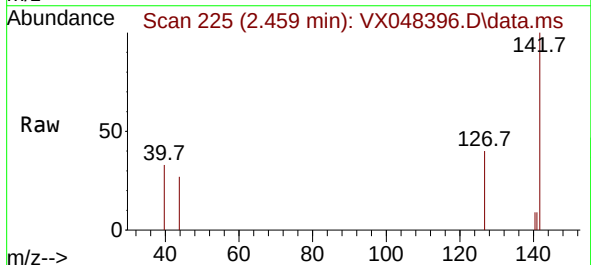
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

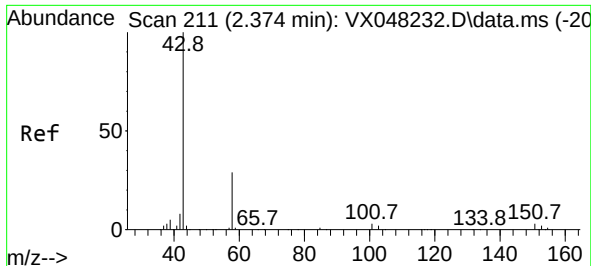
Tgt Ion:168 Resp: 118728
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#10
Methyl Iodide
Concen: 1.552 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion:142 Resp: 2499
Ion Ratio Lower Upper
142 100
127 46.5 38.5 57.7
141 12.0 11.6 17.4

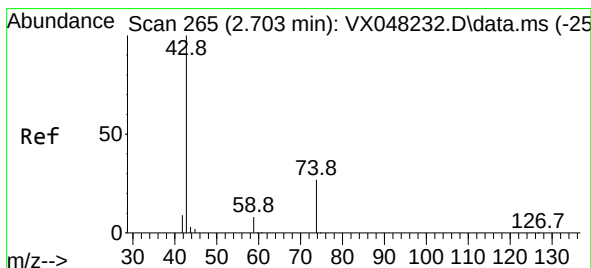
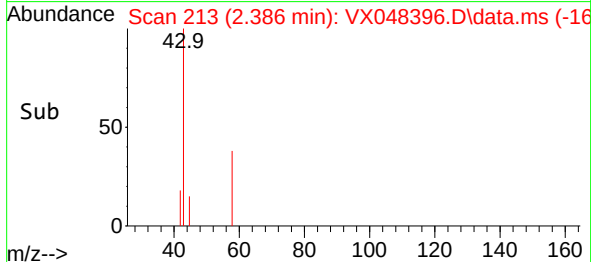
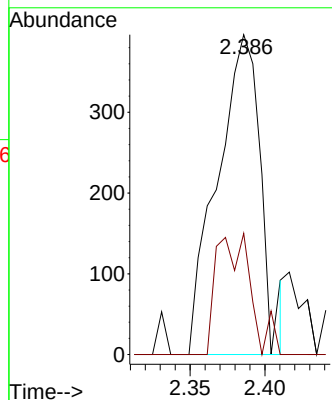
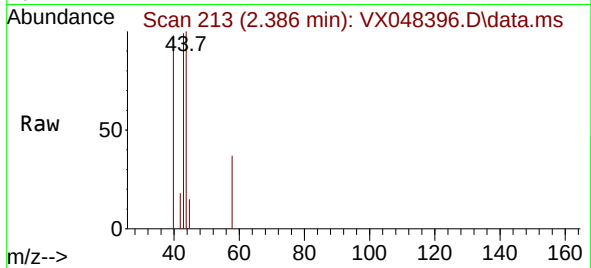




#16
Acetone
Concen: 1.401 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

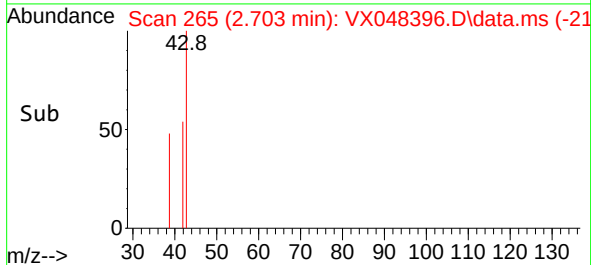
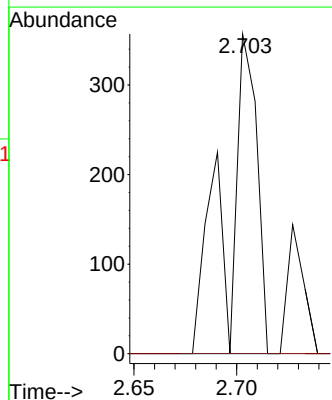
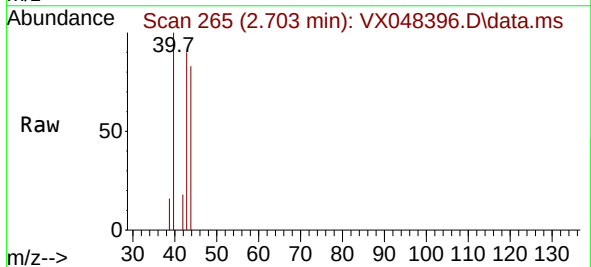
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

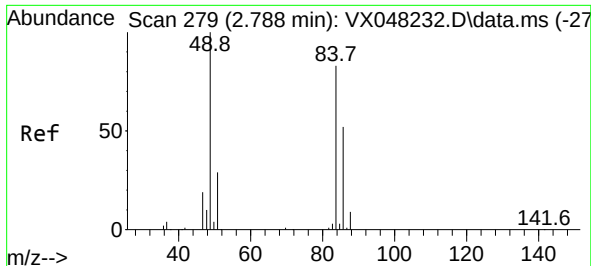
Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 21.2 23.4 35.2#



#18
Methyl Acetate
Concen: 0.309 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

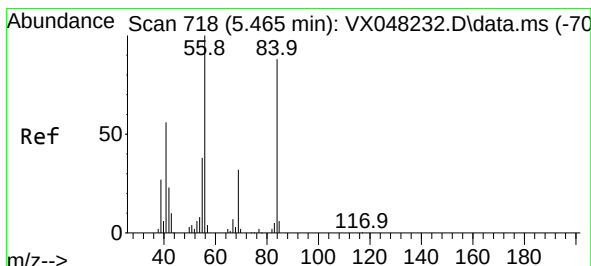
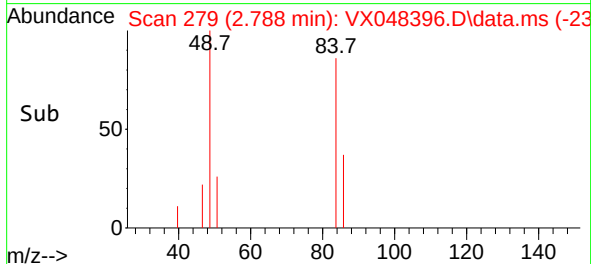
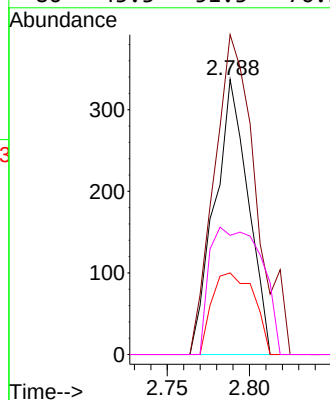
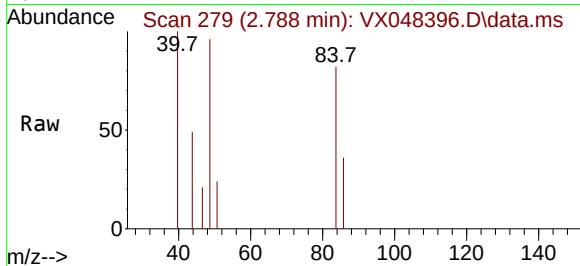




#20
Methylene Chloride
Concen: 0.343 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

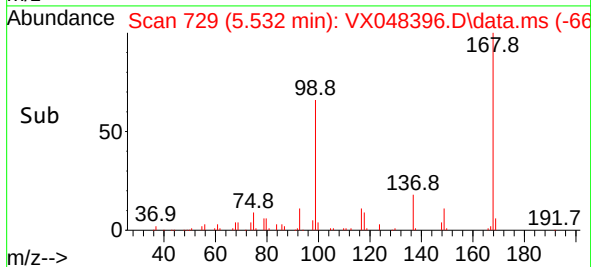
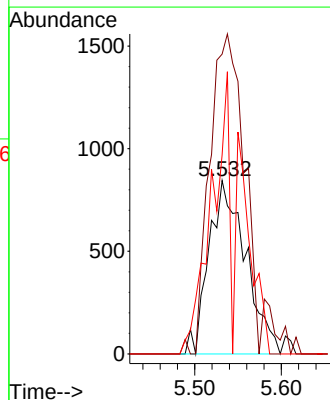
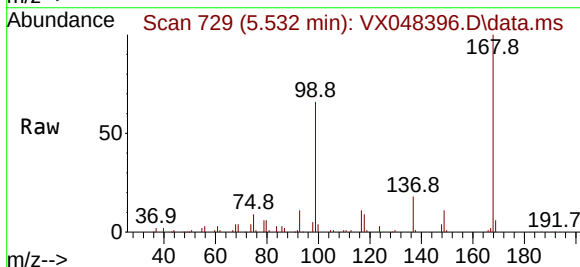
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

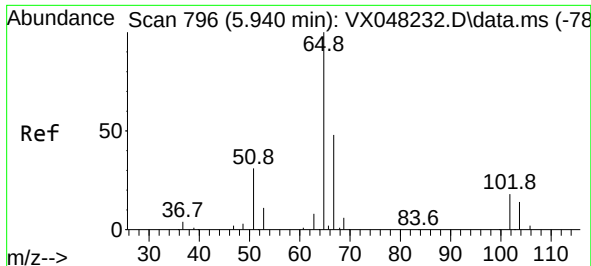
Tgt Ion:	84	Resp:	477
Ion	Ratio	Lower	Upper
84	100		
49	116.3	104.1	156.1
51	29.7	31.3	46.9#
86	43.3	51.3	76.9#



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion:	56	Resp:	2491
Ion	Ratio	Lower	Upper
56	100		
69	172.9	23.0	34.6#
84	114.8	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 62.991 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048396.D

Acq: 28 Oct 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

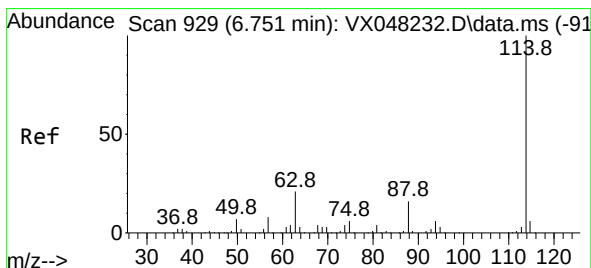
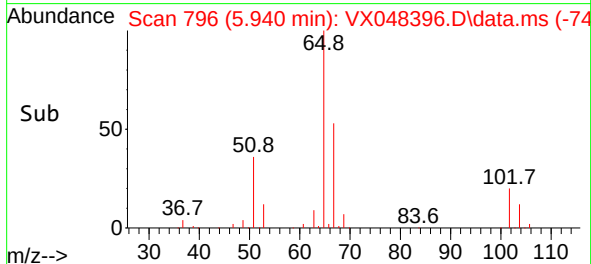
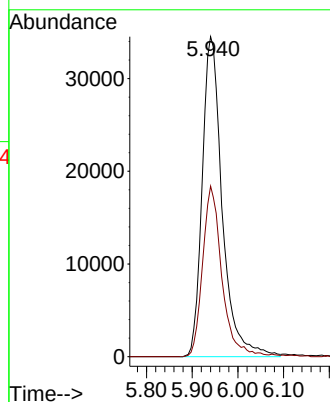
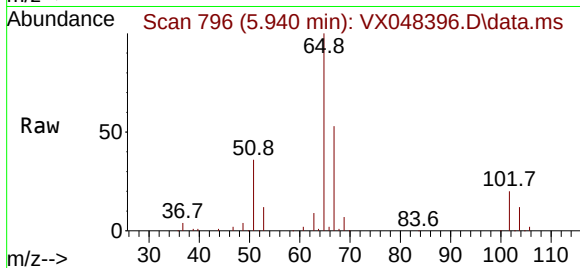
COMP-2

Tgt Ion: 65 Resp: 104858

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048396.D

Acq: 28 Oct 2025 14:09

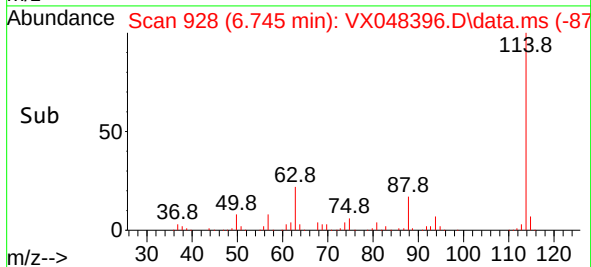
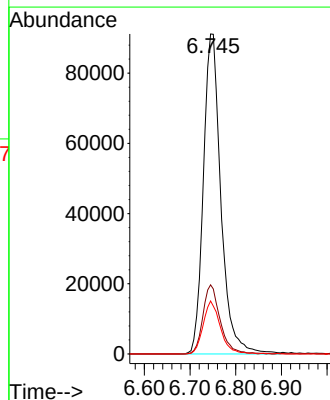
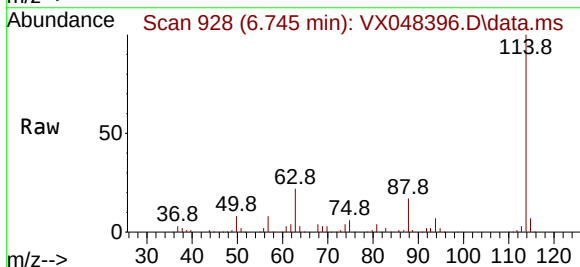
Tgt Ion: 114 Resp: 242873

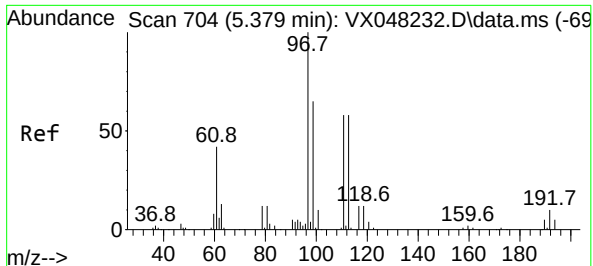
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.6 0.0 33.6

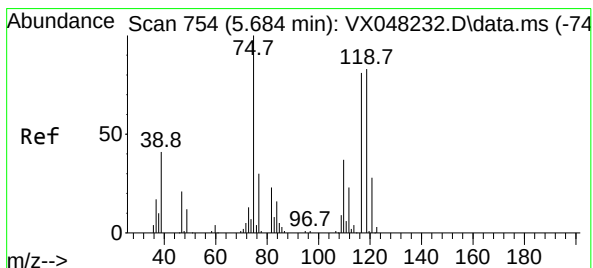
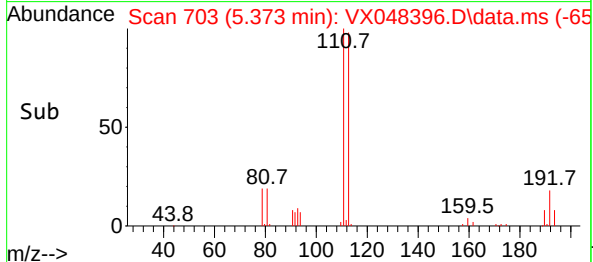
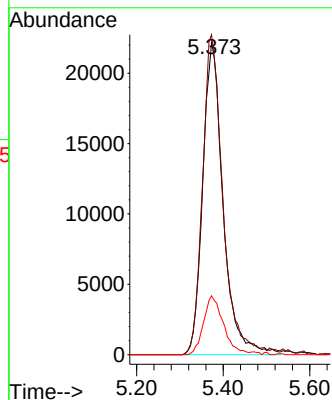
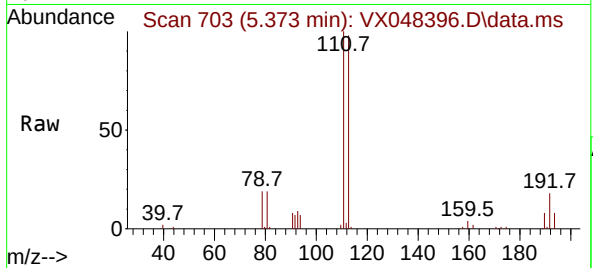




#35
Dibromofluoromethane
Concen: 43.716 ug/l
RT: 5.373 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

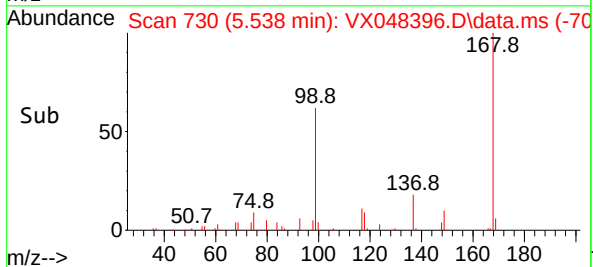
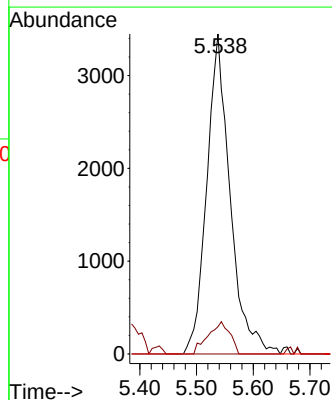
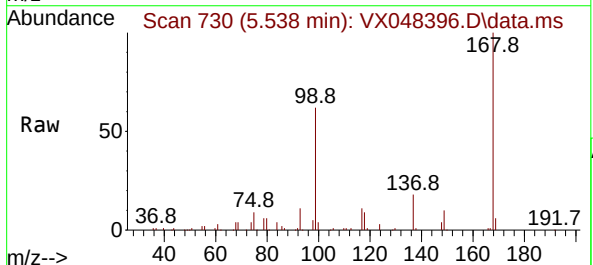
Instrument :
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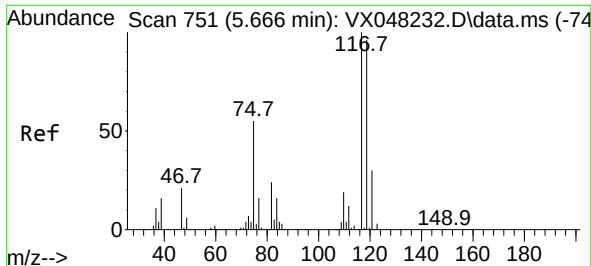
Tgt Ion:113 Resp: 72485
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 18.4 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion: 75 Resp: 9869
Ion Ratio Lower Upper
75 100
110 9.4 17.7 53.1#
77 0.0 24.3 36.5#

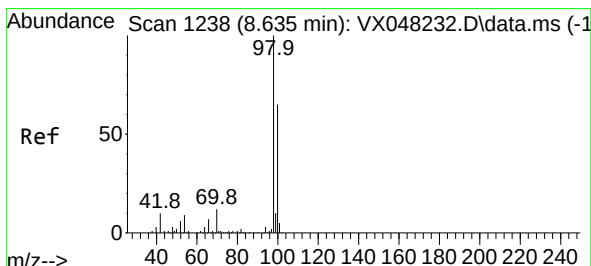
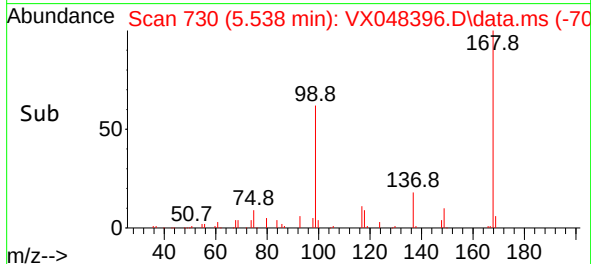
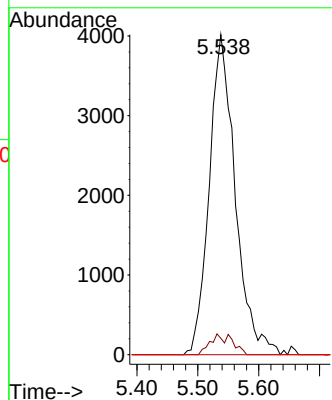
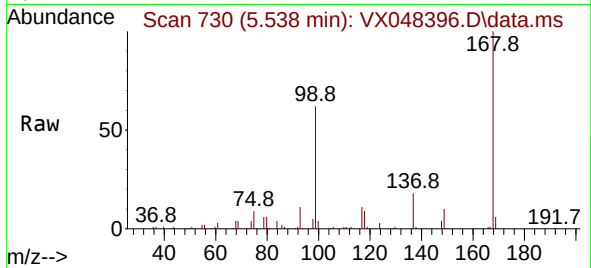




#38
Carbon Tetrachloride
Concen: 4.103 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

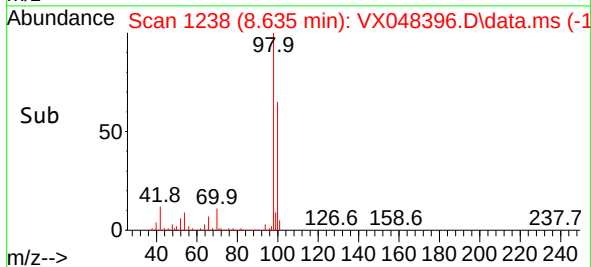
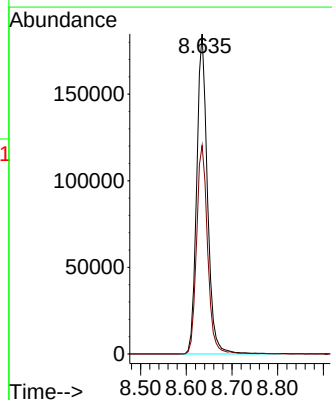
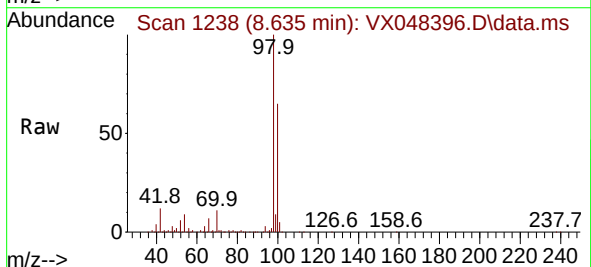
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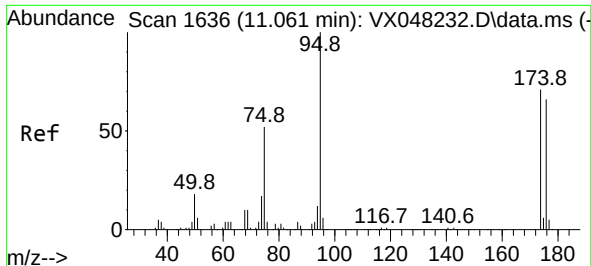
Tgt Ion:117 Resp: 11929
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.879 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion: 98 Resp: 301509
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

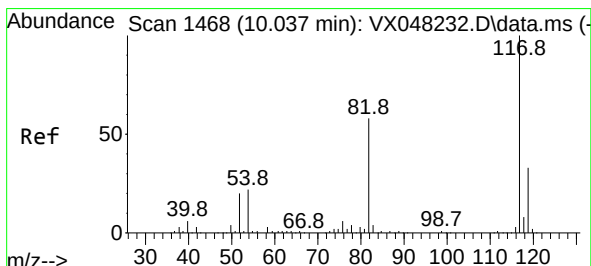
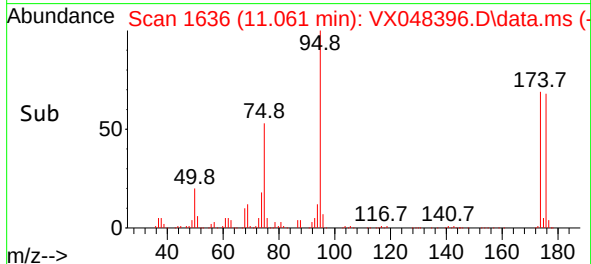
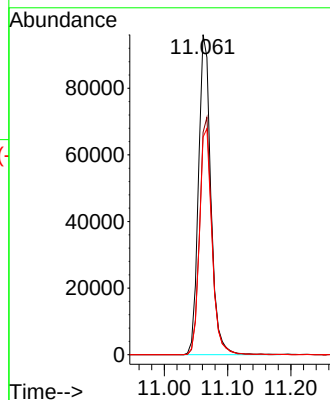
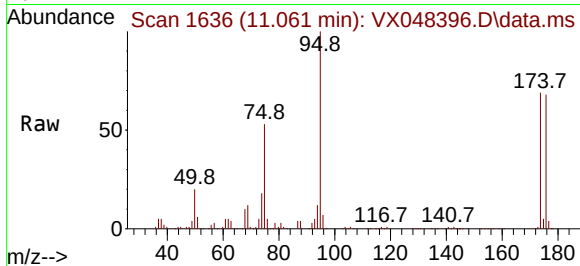




#62
4-Bromofluorobenzene
Concen: 59.071 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

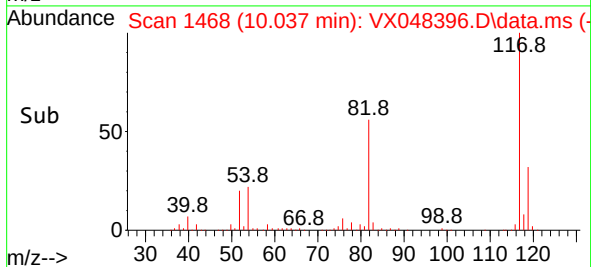
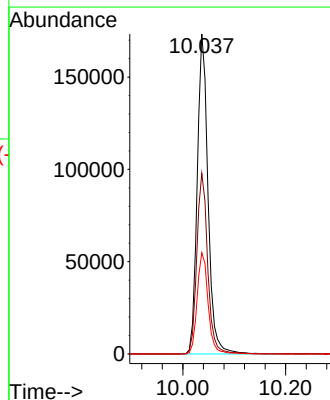
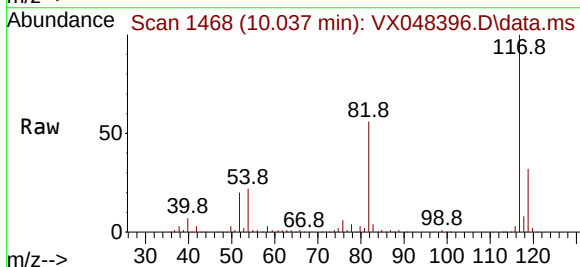
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

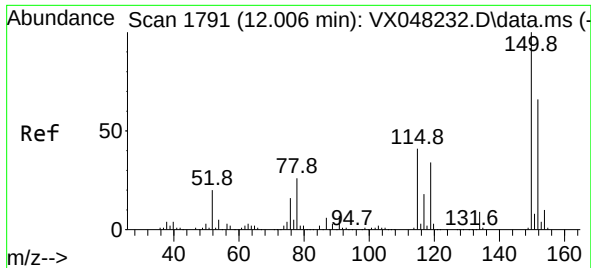
Tgt Ion: 95 Resp: 130604
Ion Ratio Lower Upper
95 100
174 74.2 0.0 147.8
176 71.8 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion: 117 Resp: 253038
Ion Ratio Lower Upper
117 100
82 56.5 46.5 69.7
119 31.7 25.9 38.9

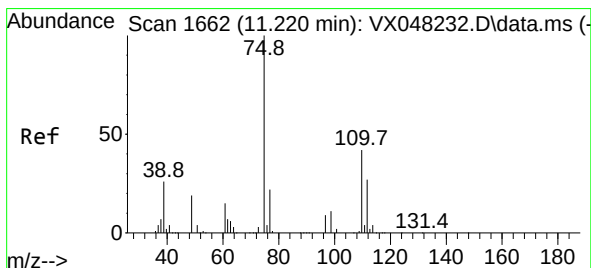
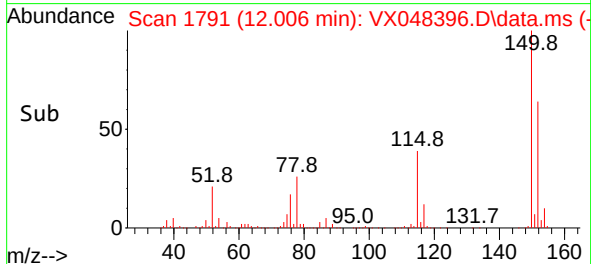
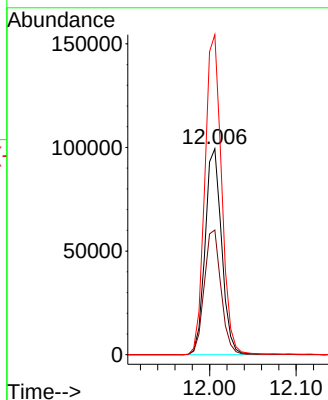
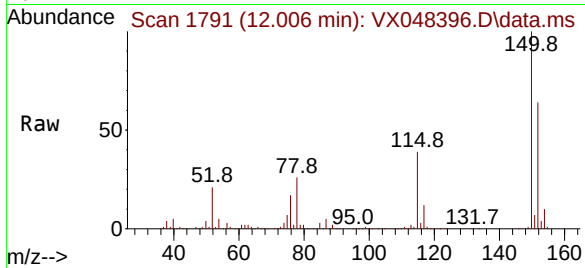




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX048396.D
 Acq: 28 Oct 2025 14:09

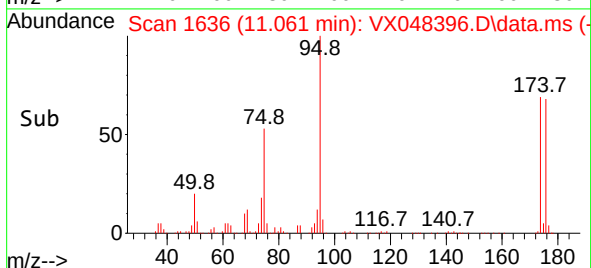
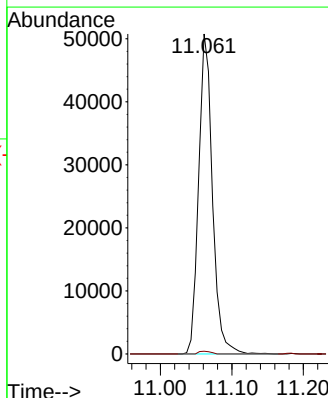
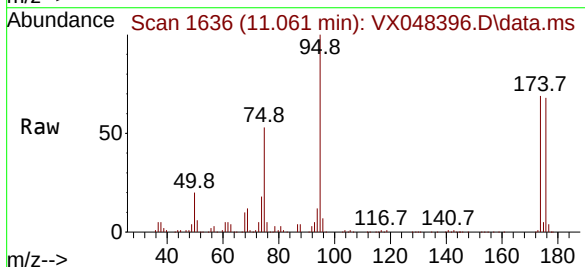
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-2

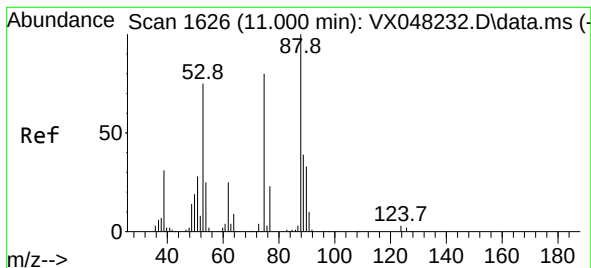
Tgt Ion:152 Resp: 131717
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.1 129.4
 150 157.0 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 31.828 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048396.D
 Acq: 28 Oct 2025 14:09

Tgt Ion: 75 Resp: 67984
 Ion Ratio Lower Upper
 75 100
 77 0.7 22.4 67.2#

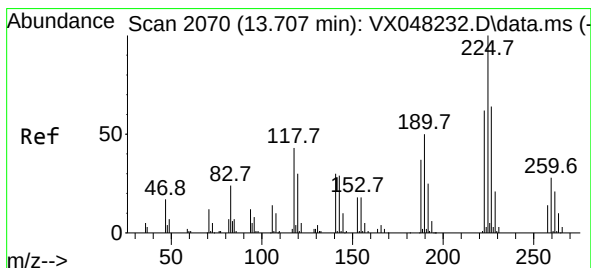
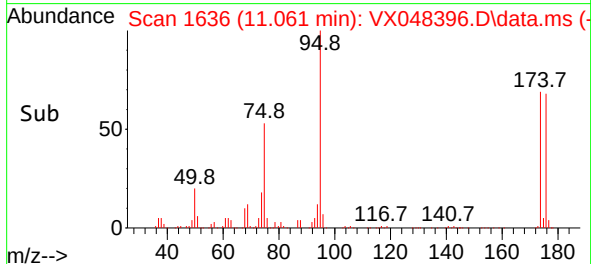
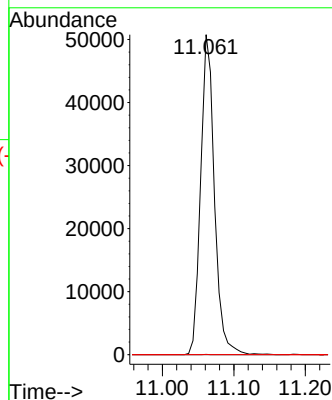
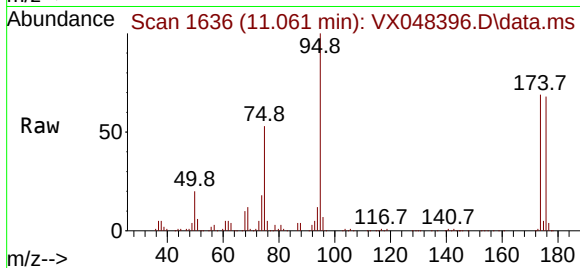




#81
trans-1,4-Dichloro-2-butene
Concen: 77.434 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

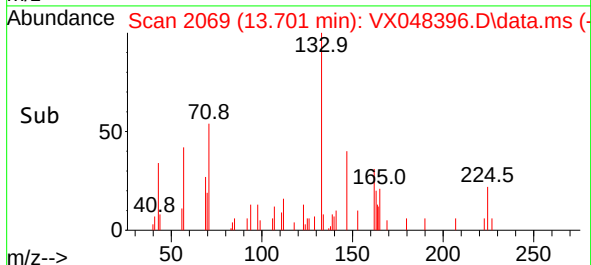
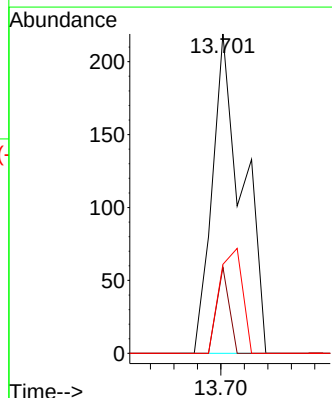
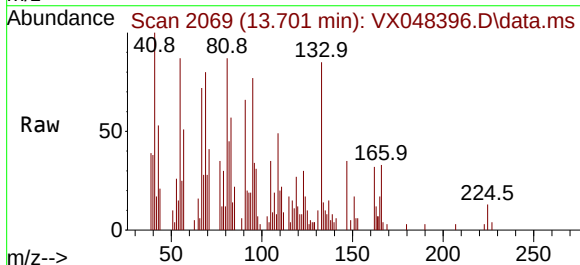
Instrument :
MSVOA_X
ClientSampleId :
COMP-2

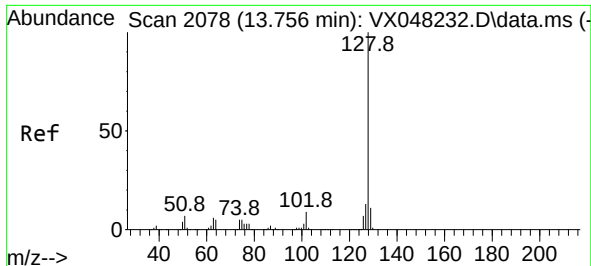
Tgt Ion: 75 Resp: 67984
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#



#94
Hexachlorobutadiene
Concen: 0.247 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion: 225 Resp: 195
Ion Ratio Lower Upper
225 100
223 11.3 32.6 97.7#
227 25.1 32.5 97.4#

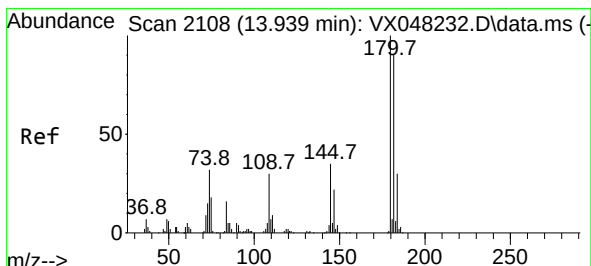
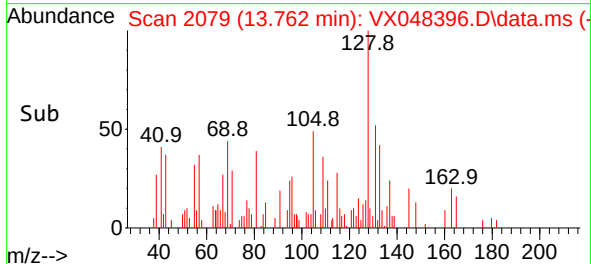
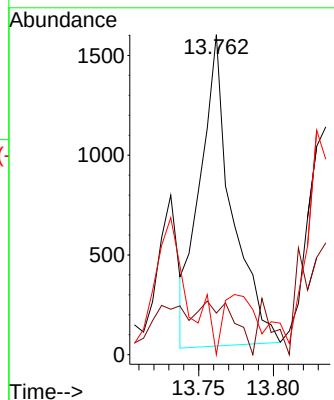
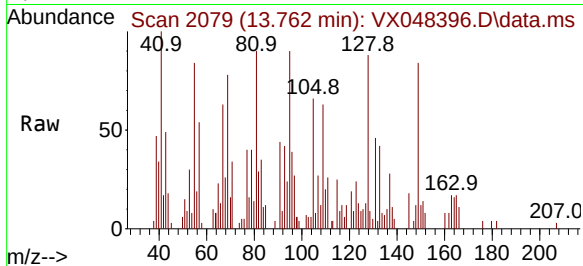




#95
Naphthalene
Concen: 0.301 ug/l
RT: 13.762 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
COMP-2

Tgt Ion:128 Resp: 2304
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 24.1 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.424 ug/l
RT: 13.951 min Scan# 2110
Delta R.T. 0.012 min
Lab File: VX048396.D
Acq: 28 Oct 2025 14:09

Tgt Ion:180 Resp: 1124
Ion Ratio Lower Upper
180 100
182 59.4 46.6 139.7
145 345.4 16.9 50.7#

