

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048397.D
 Acq On : 28 Oct 2025 14:30
 Operator : JC/MD
 Sample : Q3472-08 20X
 Misc : 1.20g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: Oct 29 01:20:30 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)

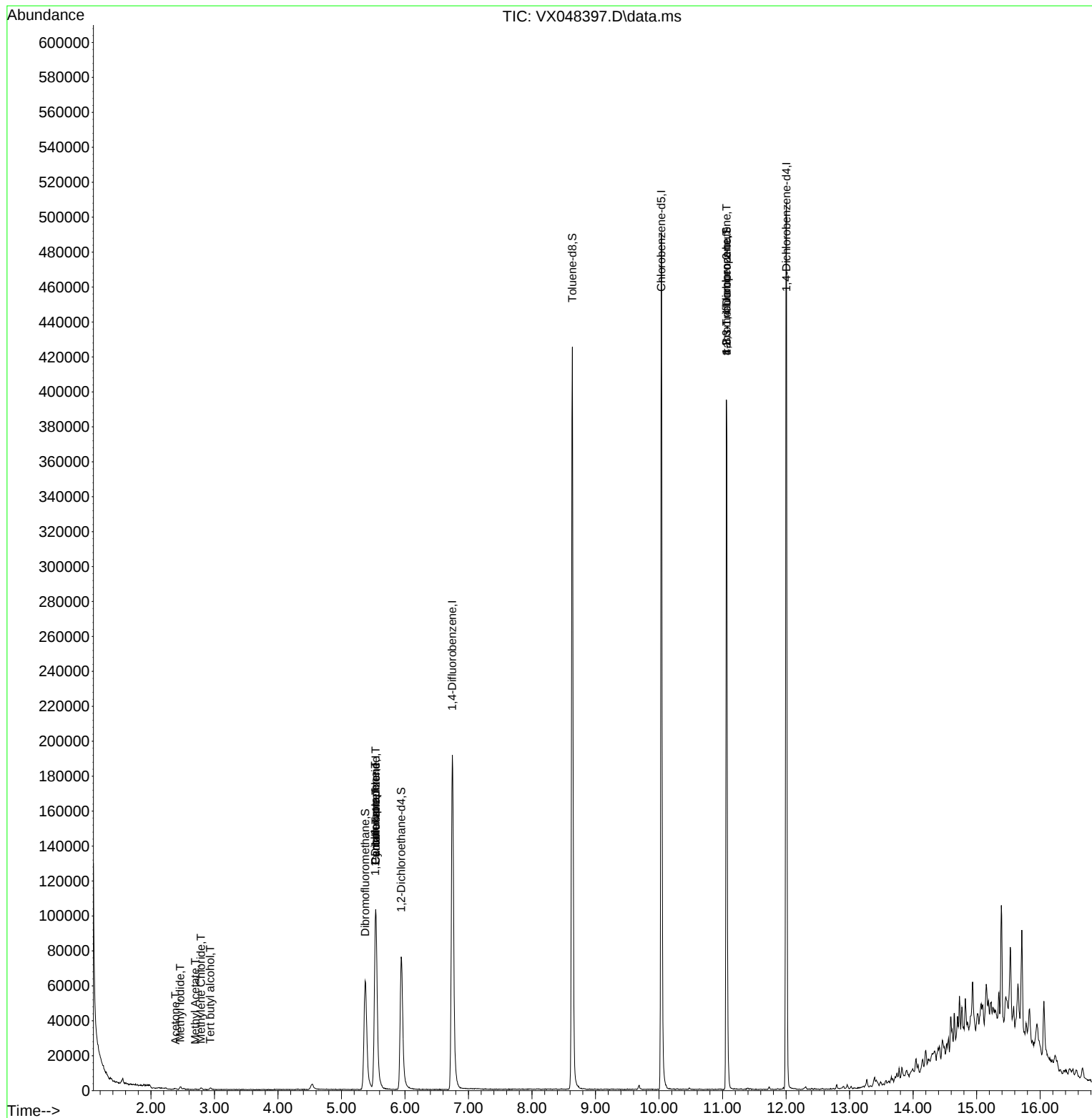
Internal Standards						
1) Pentafluorobenzene	5.538	168	107776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	215456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	225138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85911	56.853	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.700%
35) Dibromofluoromethane	5.373	113	63128	42.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.840%
50) Toluene-d8	8.635	98	266022	51.598	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.200%
62) 4-Bromofluorobenzene	11.061	95	114039	58.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.280%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	2015	1.378	ug/l	99
11) Tert butyl alcohol	2.934	59	51	0.340	ug/l #	72
16) Acetone	2.386	43	758	1.462	ug/l #	78
18) Methyl Acetate	2.697	43	388	0.358	ug/l #	54
20) Methylene Chloride	2.788	84	410	0.325	ug/l #	79
31) Cyclohexane	5.538	56	2254	1.202	ug/l #	18
36) 1,1-Dichloropropene	5.532	75	9070	4.338	ug/l #	48
38) Carbon Tetrachloride	5.538	117	11545	4.476	ug/l #	15
76) 1,2,3-Trichloropropane	11.061	75	58487	31.947	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	58487	77.725	ug/l #	10

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

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Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Quant Time: Oct 29 01:20:30 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

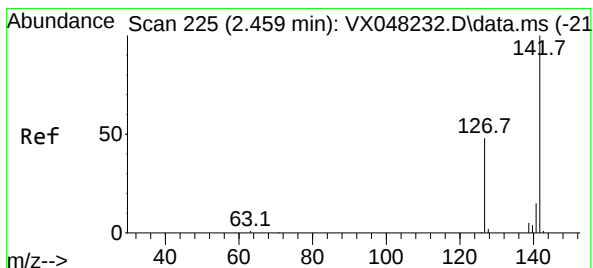
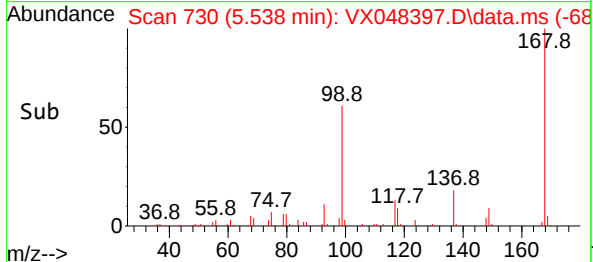
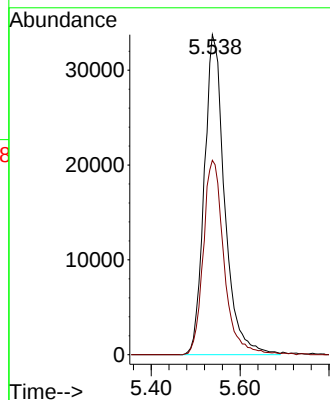
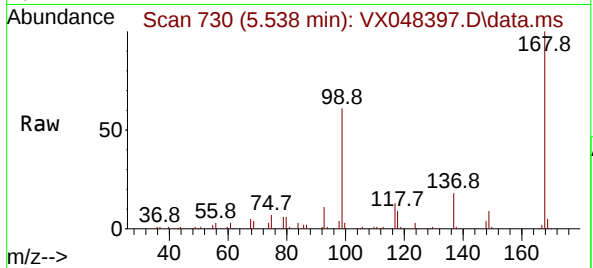




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

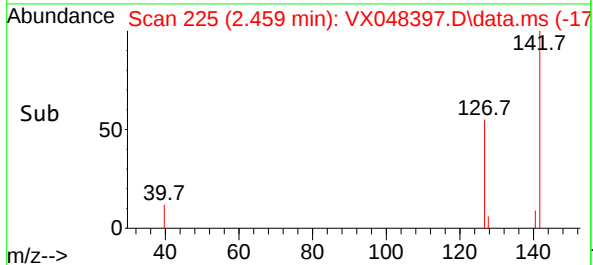
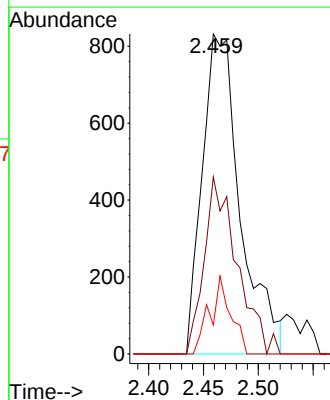
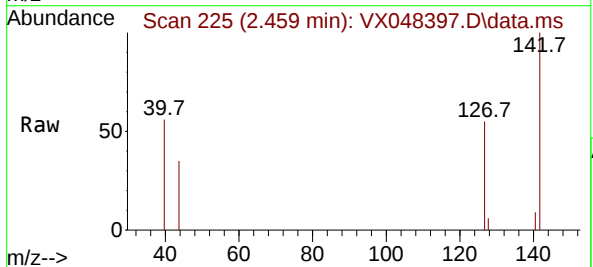
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

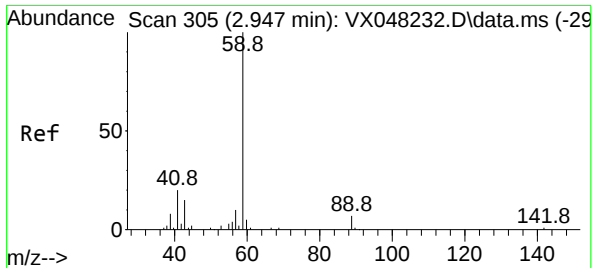
Tgt Ion:168 Resp: 107776
Ion Ratio Lower Upper
168 100
99 60.7 46.4 69.6



#10
Methyl Iodide
Concen: 1.378 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

Tgt Ion:142 Resp: 2015
Ion Ratio Lower Upper
142 100
127 47.7 38.5 57.7
141 13.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 0.340 ug/l

RT: 2.934 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX048397.D

Acq: 28 Oct 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

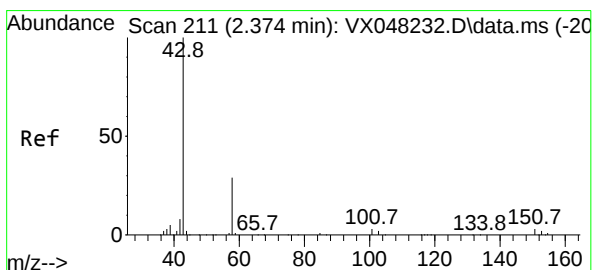
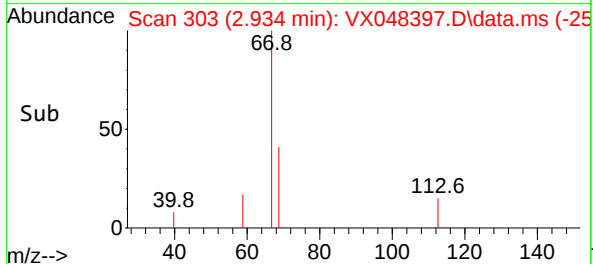
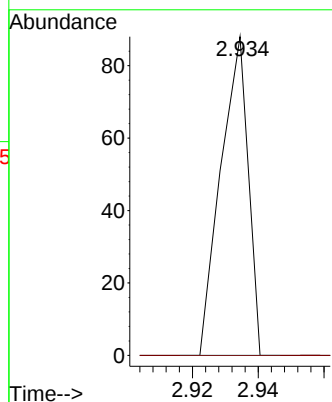
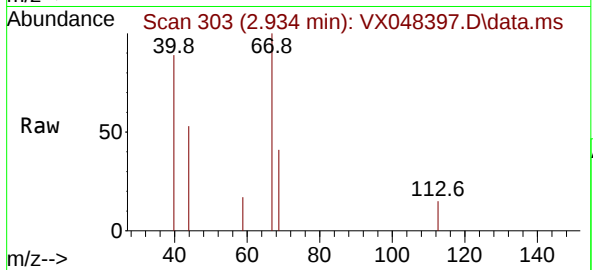
COMP-3

Tgt Ion: 59 Resp: 51

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.462 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX048397.D

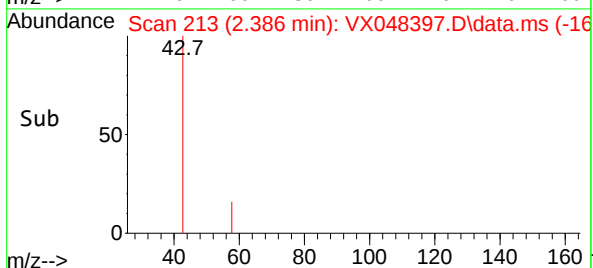
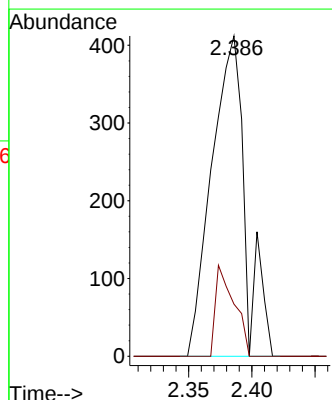
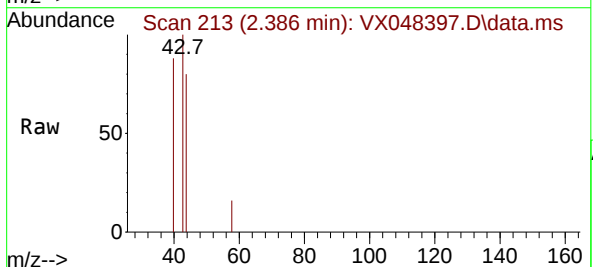
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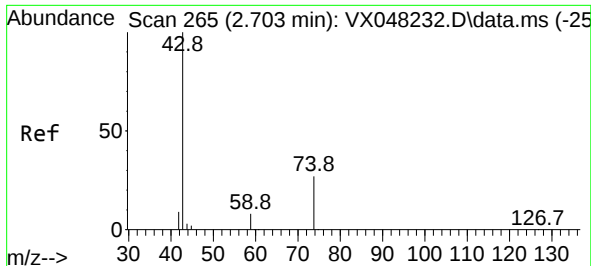
Tgt Ion: 43 Resp: 758

Ion Ratio Lower Upper

43 100

58 17.4 23.4 35.2#

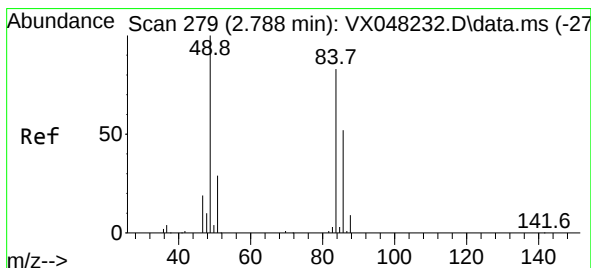
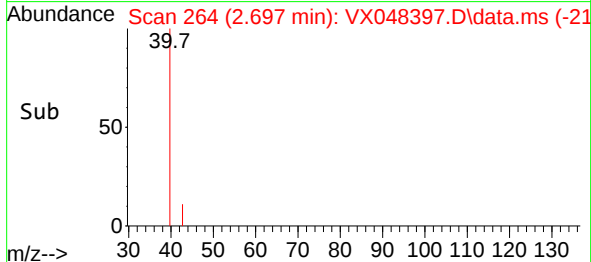
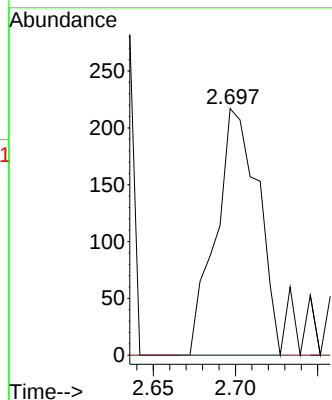
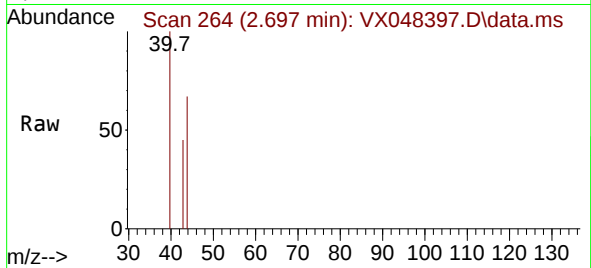




#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

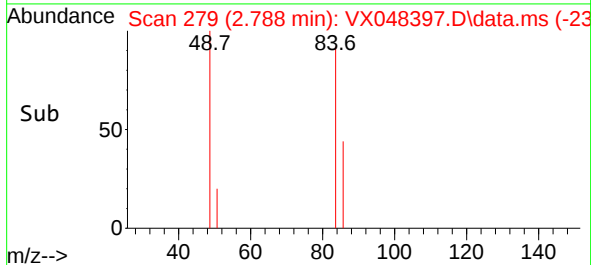
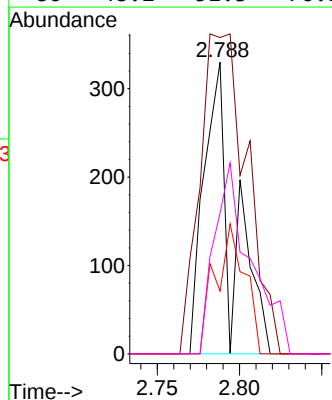
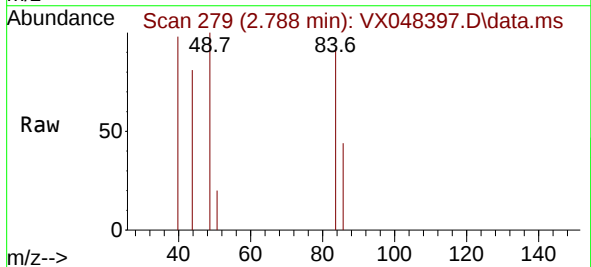
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

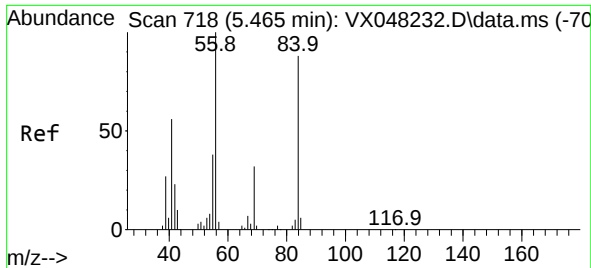
Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

Tgt Ion: 84 Resp: 410
Ion Ratio Lower Upper
84 100
49 108.5 104.1 156.1
51 21.5 31.3 46.9#
86 48.2 51.3 76.9#

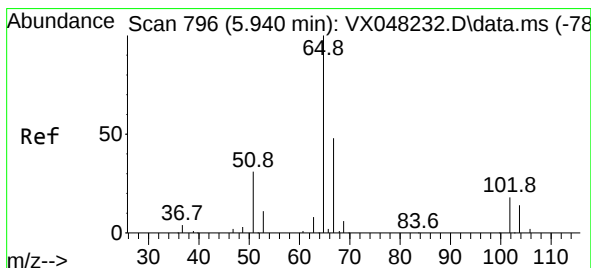
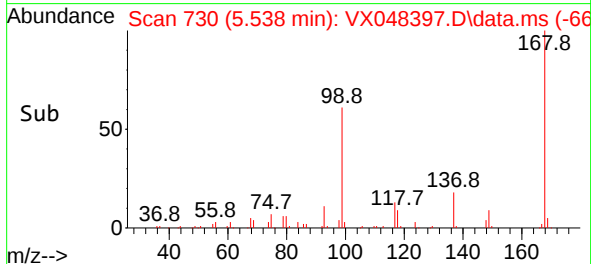
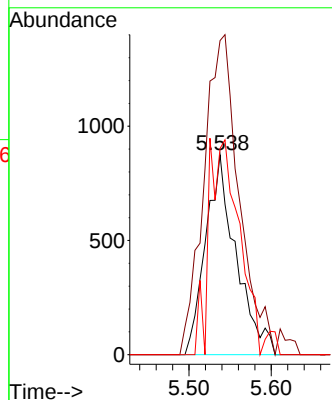
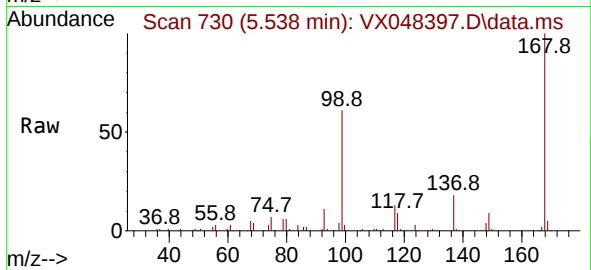




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

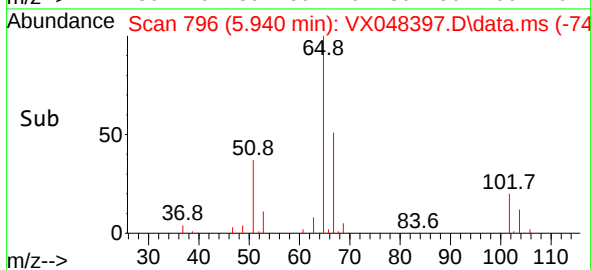
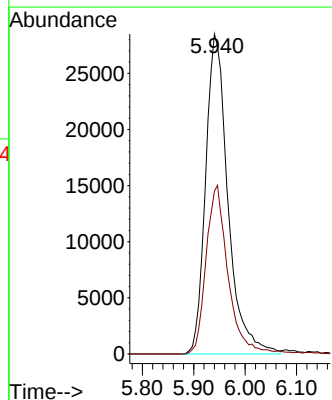
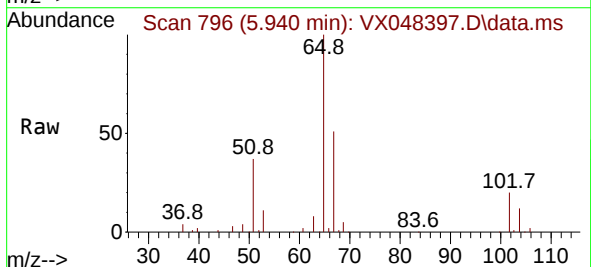
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

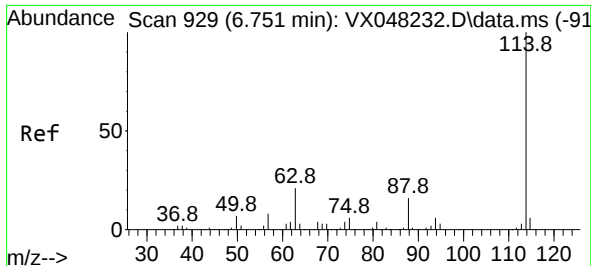
Tgt Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 157.0 23.0 34.6#
84 103.1 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 56.853 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

Tgt Ion: 65 Resp: 85911
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0

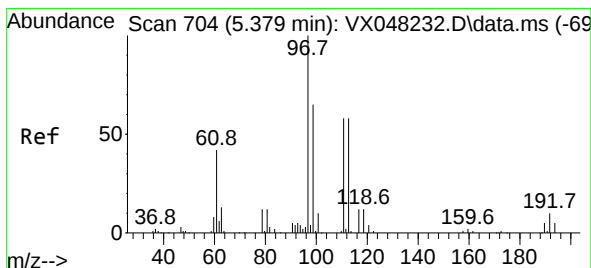
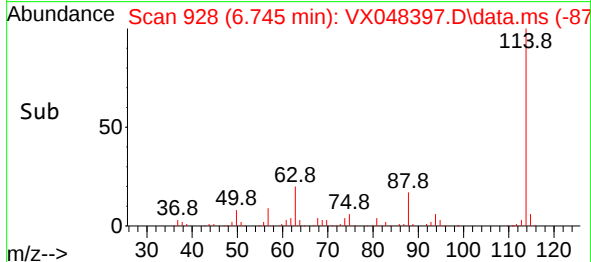
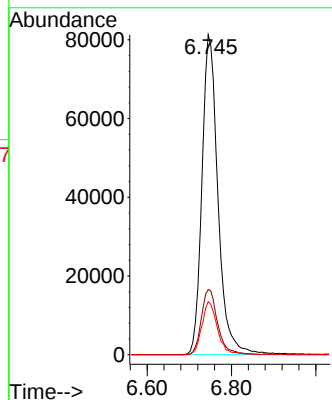
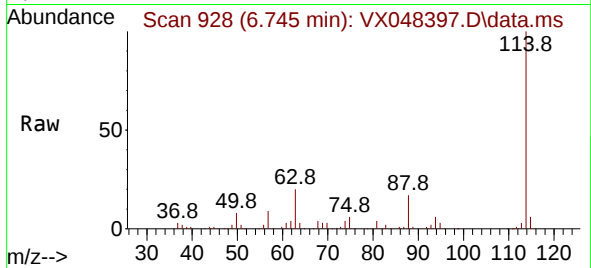




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX048397.D
 Acq: 28 Oct 2025 14:30

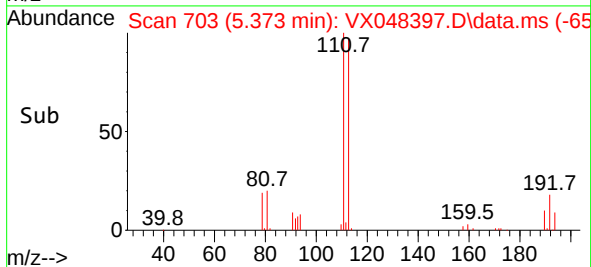
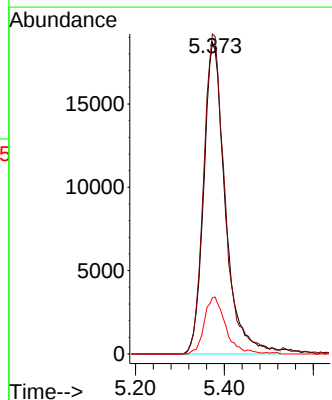
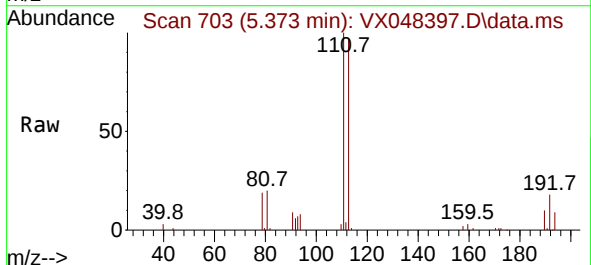
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

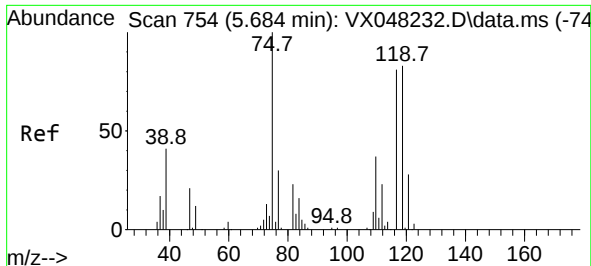
Tgt Ion:114 Resp: 215456
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 16.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 42.918 ug/l
 RT: 5.373 min Scan# 703
 Delta R.T. 0.000 min
 Lab File: VX048397.D
 Acq: 28 Oct 2025 14:30

Tgt Ion:113 Resp: 63128
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 17.5 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.338 ug/l

RT: 5.532 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX048397.D

Acq: 28 Oct 2025 14:30

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

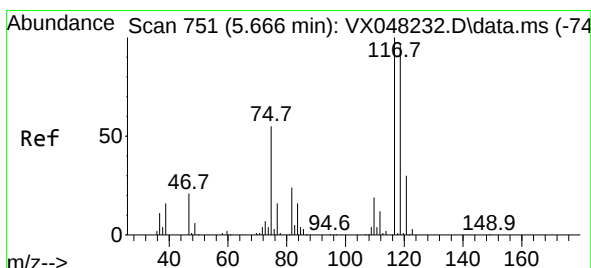
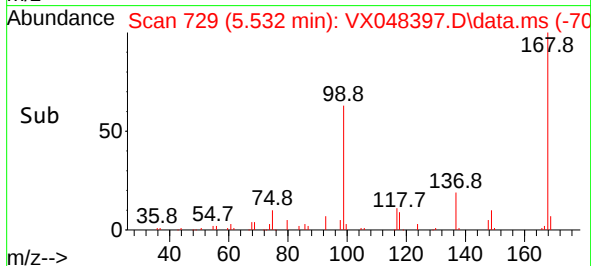
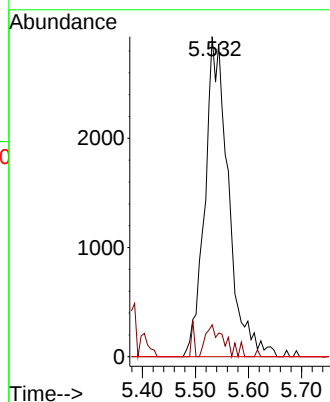
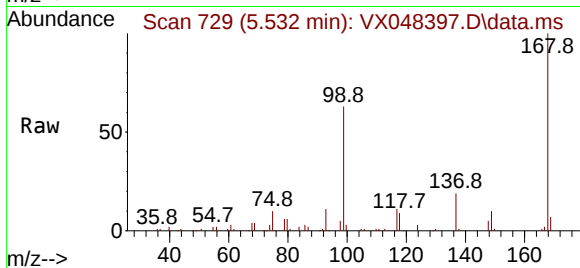
Tgt Ion: 75 Resp: 9070

Ion Ratio Lower Upper

75 100

110 6.9 17.7 53.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.476 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.128 min

Lab File: VX048397.D

Acq: 28 Oct 2025 14:30

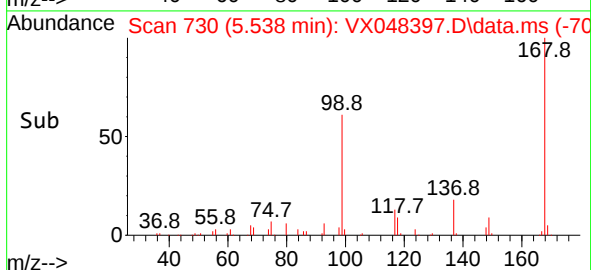
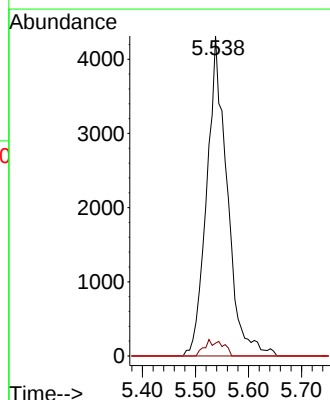
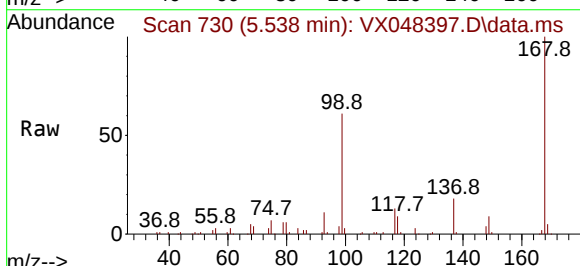
Tgt Ion: 117 Resp: 11545

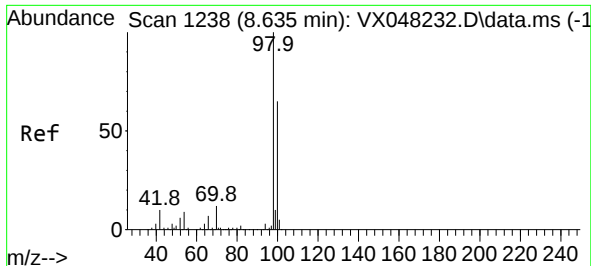
Ion Ratio Lower Upper

117 100

119 4.0 77.2 115.8#

121 0.0 24.8 37.2#

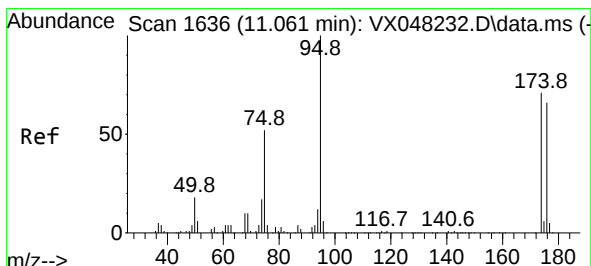
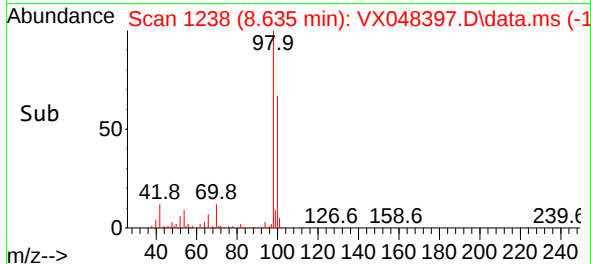
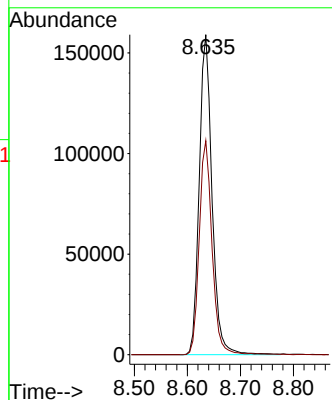
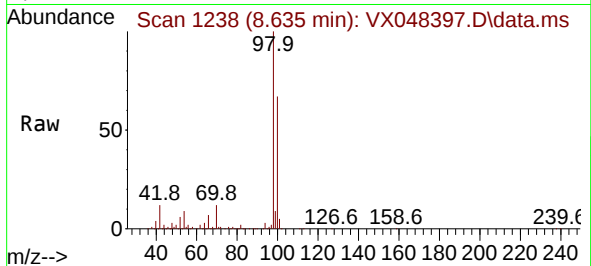




#50
Toluene-d8
Concen: 51.598 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

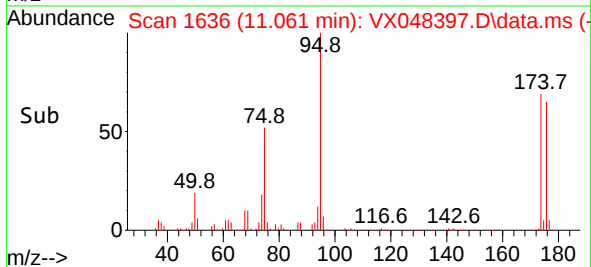
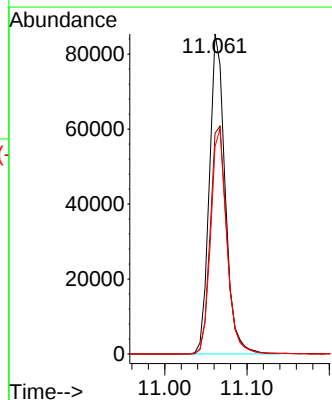
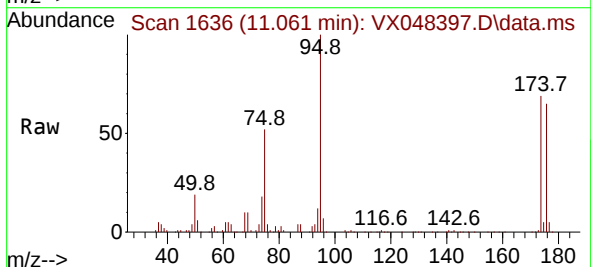
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

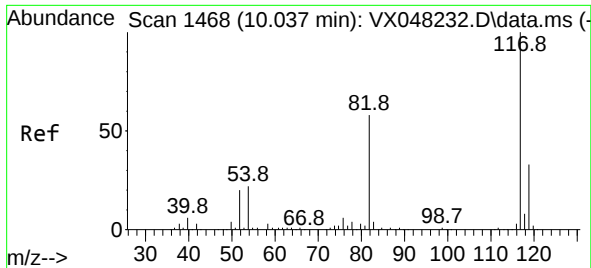
Tgt Ion: 98 Resp: 266022
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.143 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

Tgt Ion: 95 Resp: 114039
Ion Ratio Lower Upper
95 100
174 75.0 0.0 147.8
176 71.7 0.0 142.8

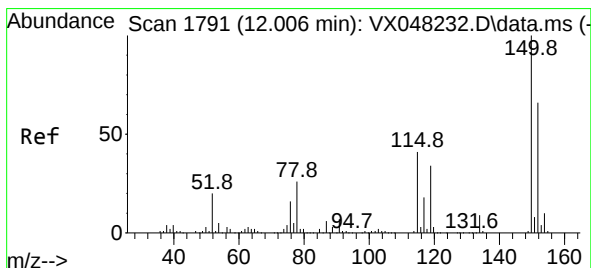
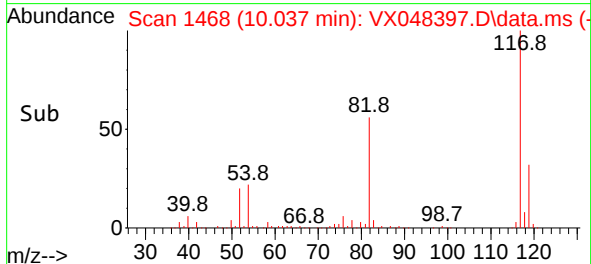
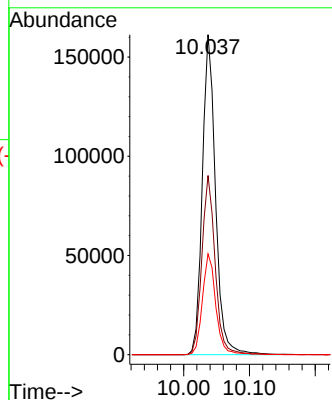
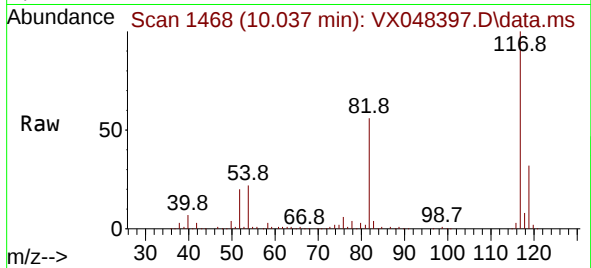




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

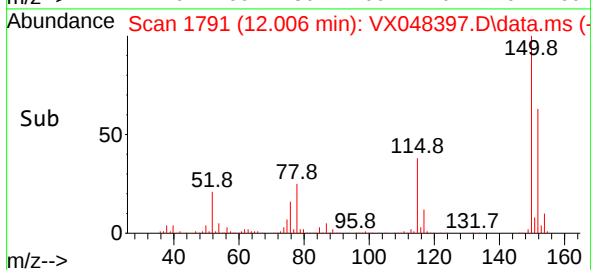
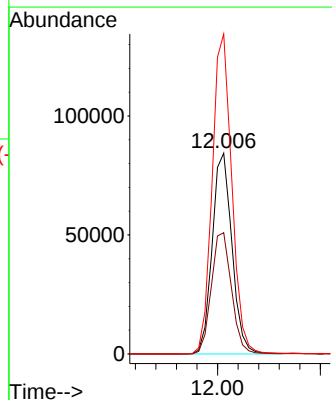
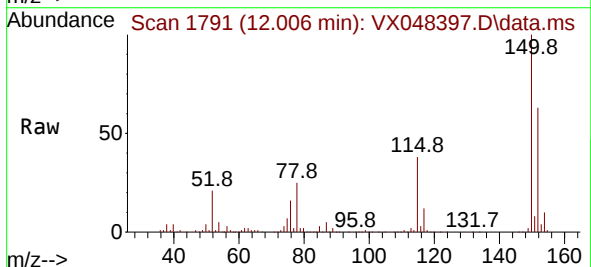
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

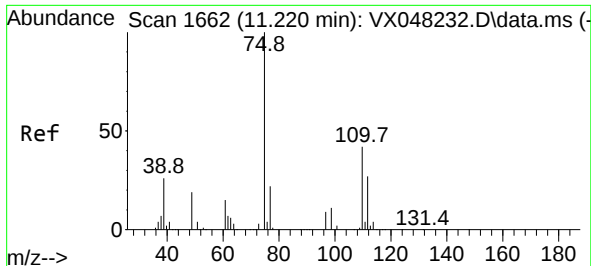
Tgt Ion:117 Resp: 225138
Ion Ratio Lower Upper
117 100
82 56.0 46.5 69.7
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

Tgt Ion:152 Resp: 112893
Ion Ratio Lower Upper
152 100
115 61.8 43.1 129.4
150 158.4 0.0 353.0

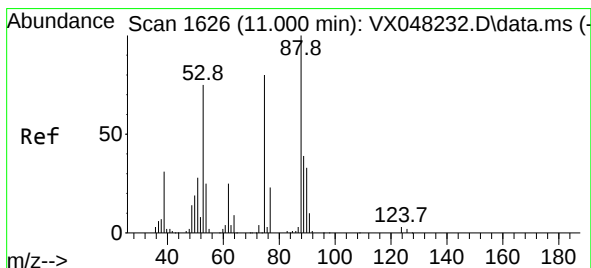
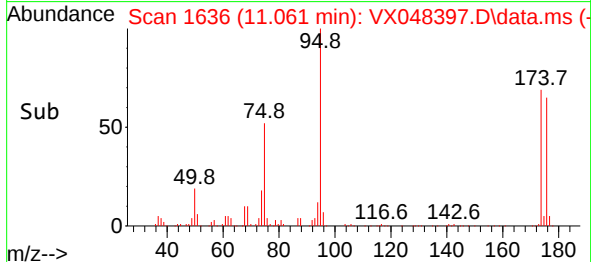
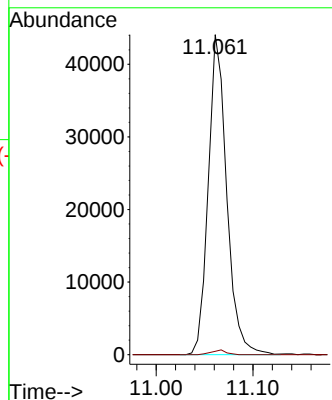
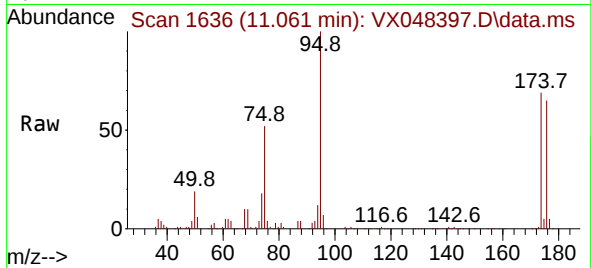




#76
1,2,3-Trichloropropane
Concen: 31.947 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 58487
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.725 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048397.D
Acq: 28 Oct 2025 14:30

Tgt Ion: 75 Resp: 58487
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

