

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048172.D
 Acq On : 14 Oct 2025 17:16
 Operator : JC/MD
 Sample : Q3325-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:49:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	232604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	242888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95292	53.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.480%
35) Dibromofluoromethane	5.379	113	78138	50.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	8.635	98	275787	51.092	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.180%
62) 4-Bromofluorobenzene	11.067	95	111554	54.455	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.900%

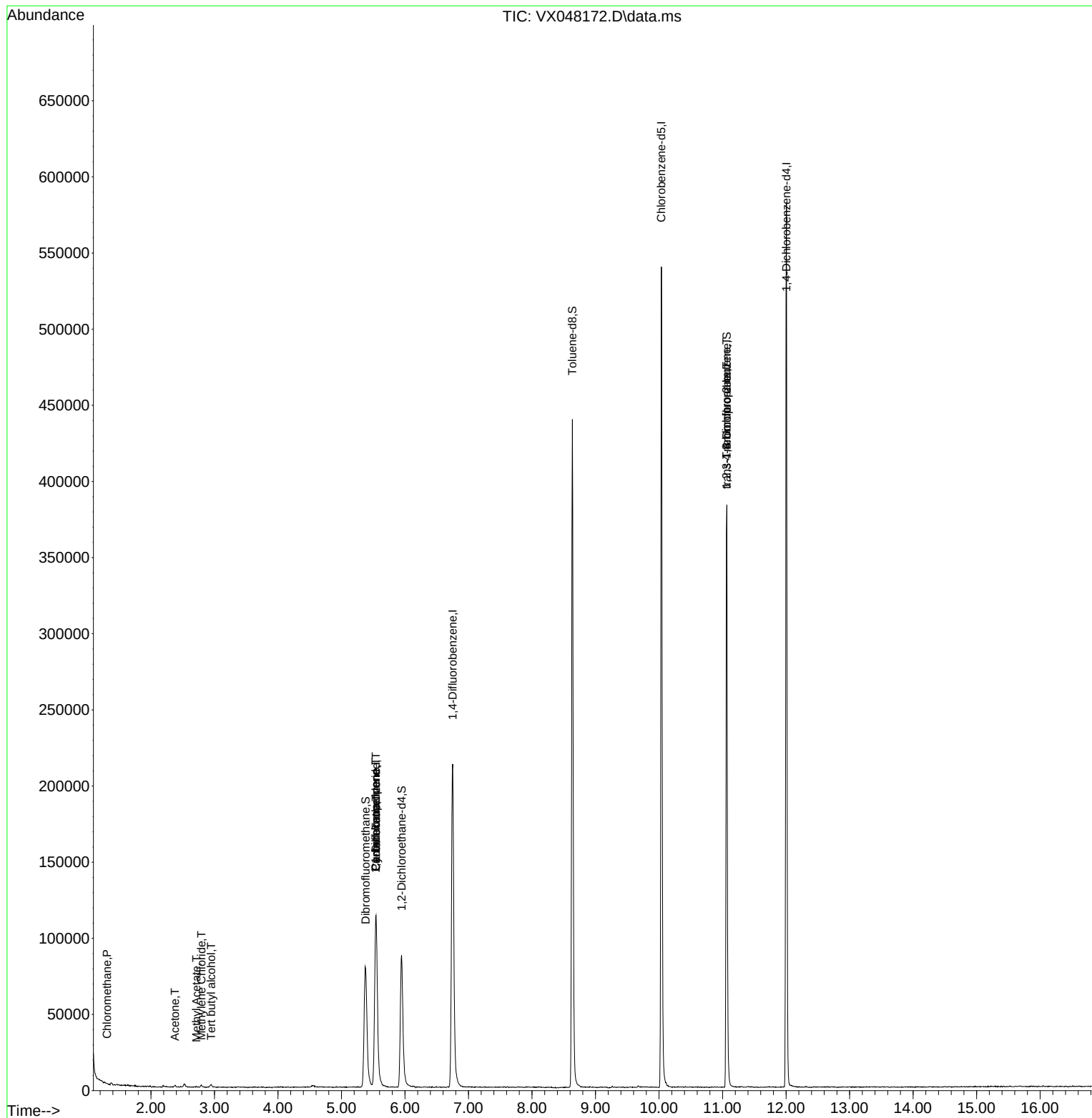
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	462	0.302	ug/l #	71
11) Tert butyl alcohol	2.947	59	886	4.445	ug/l #	72
16) Acetone	2.380	43	1340	1.722	ug/l	100
18) Methyl Acetate	2.715	43	396	0.229	ug/l #	54
20) Methylene Chloride	2.794	84	655	0.398	ug/l #	92
31) Cyclohexane	5.544	56	2751	1.163	ug/l #	3
36) 1,1-Dichloropropene	5.538	75	9233	4.050	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12379	4.998	ug/l #	19
76) 1,2,3-Trichloropropane	11.061	75	58004	23.941	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	58004	61.054	ug/l #	8

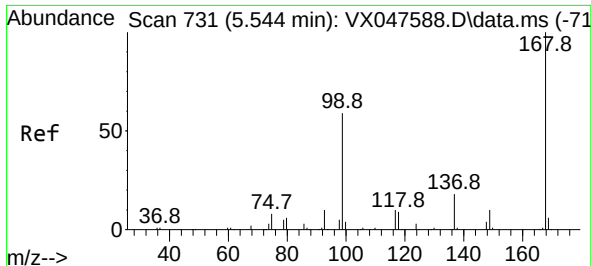
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048172.D
Acq On : 14 Oct 2025 17:16
Operator : JC/MD
Sample : Q3325-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 15 02:49:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

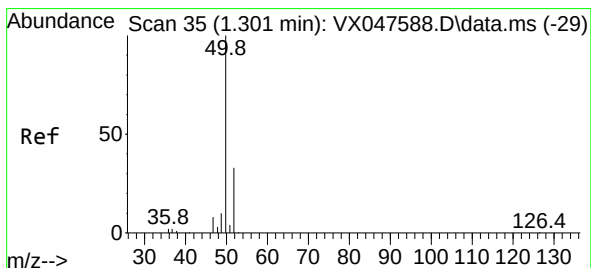
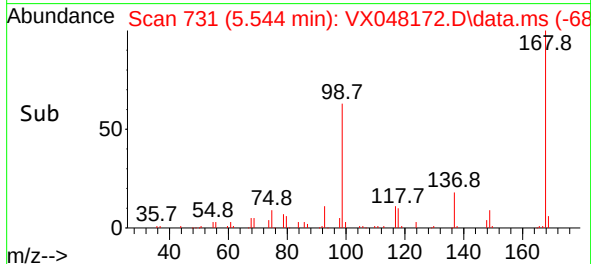
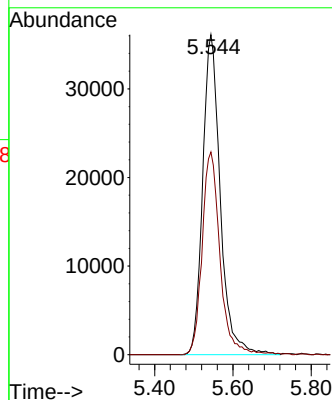
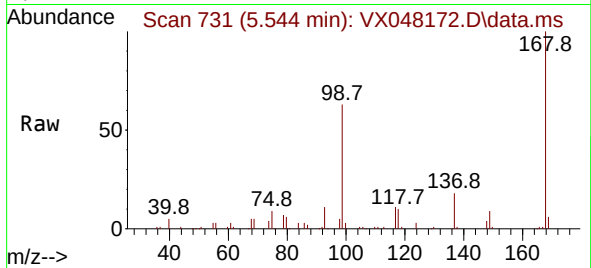




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

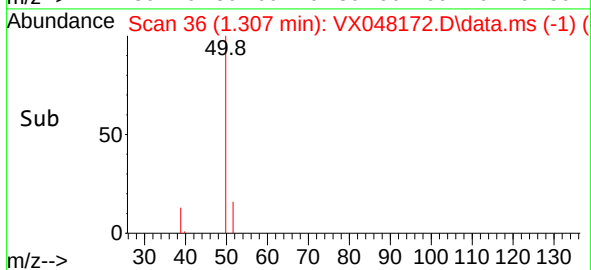
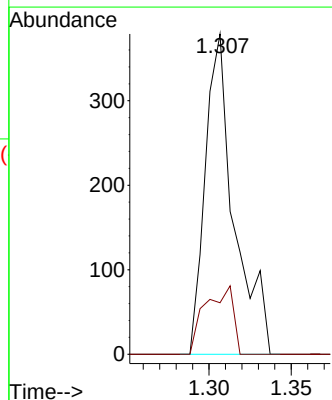
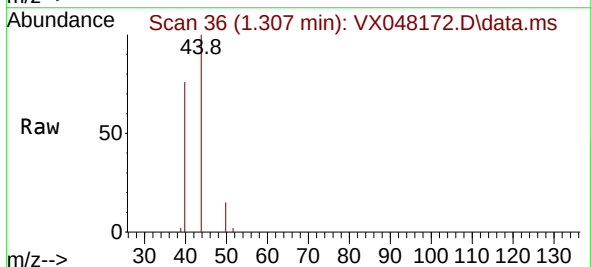
Instrument :
MSVOA_X
ClientSampleId :

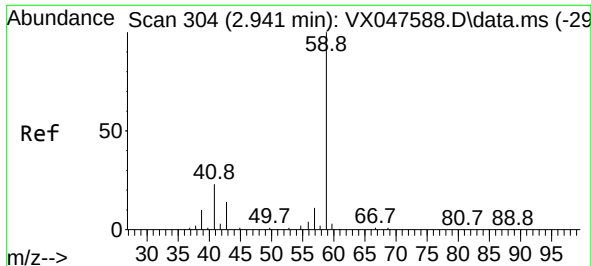
Tgt Ion:168 Resp: 112441
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#3
Chloromethane
Concen: 0.302 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

Tgt Ion: 50 Resp: 462
Ion Ratio Lower Upper
50 100
52 16.1 26.1 39.1#

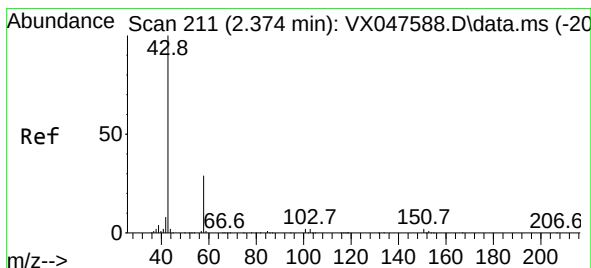
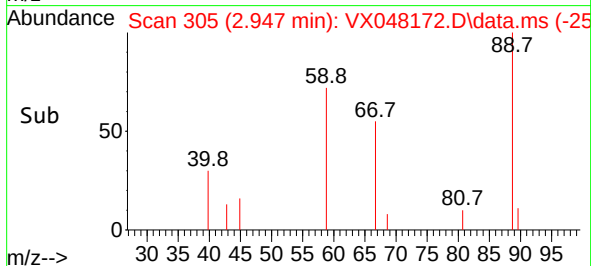
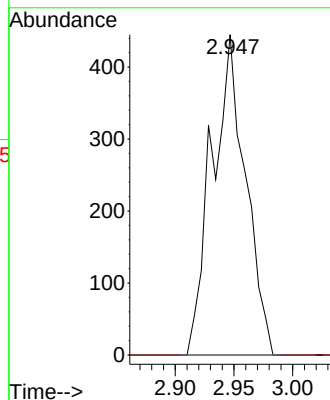
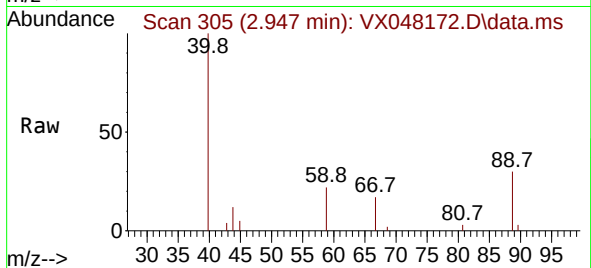




#11
Tert butyl alcohol
Concen: 4.445 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

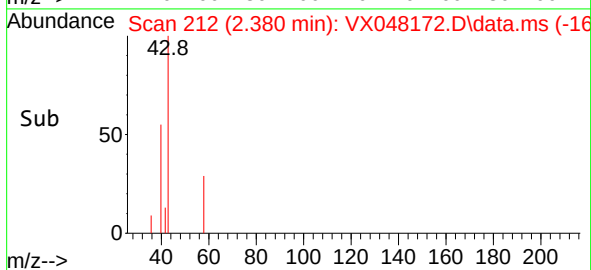
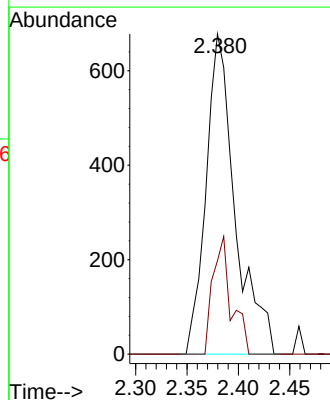
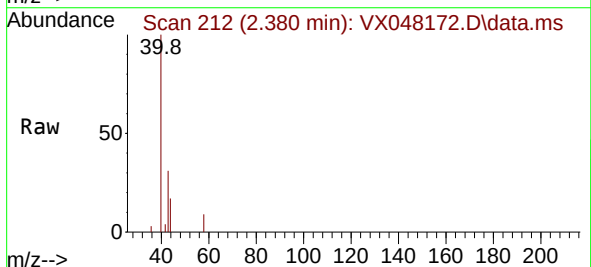
Instrument :
MSVOA_X
ClientSampleId :

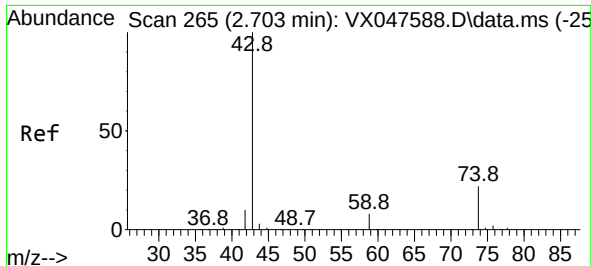
Tgt Ion: 59 Resp: 886
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.722 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
58 29.2 23.4 35.0

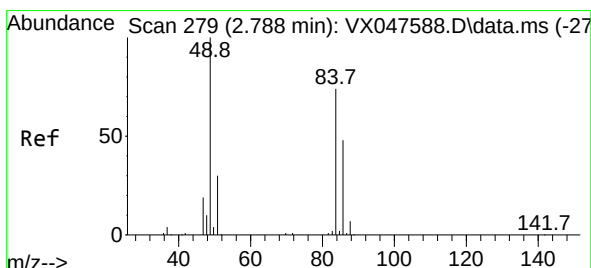
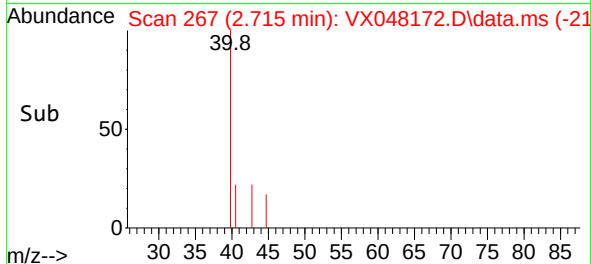
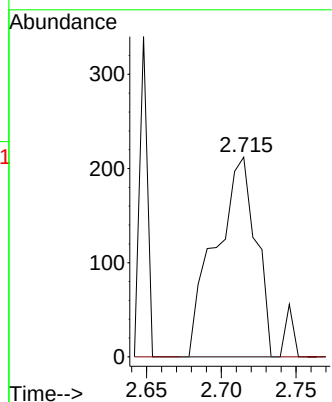
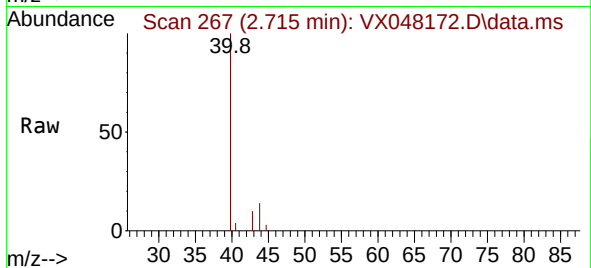




#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

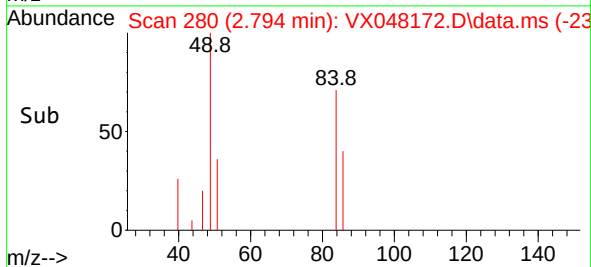
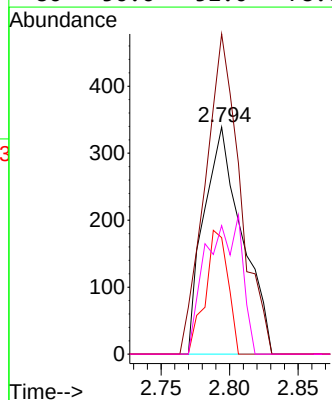
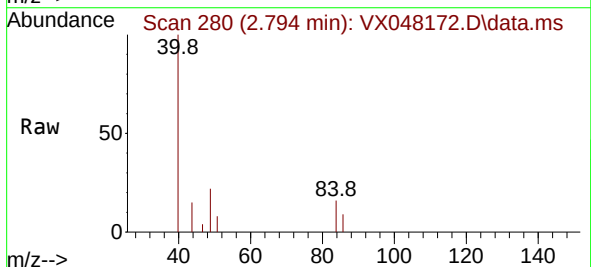
Instrument :
MSVOA_X
ClientSampleId :

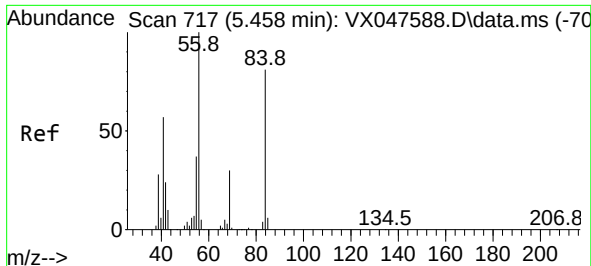
Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

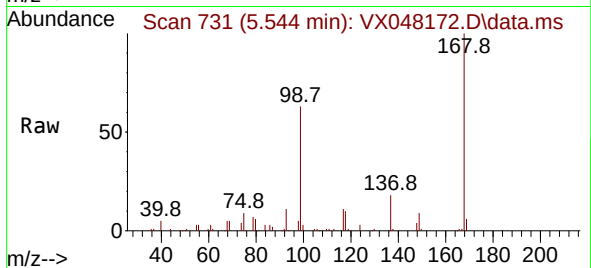
Tgt Ion: 84 Resp: 655
Ion Ratio Lower Upper
84 100
49 141.0 108.6 162.8
51 51.3 32.6 48.8#
86 56.6 52.0 78.0



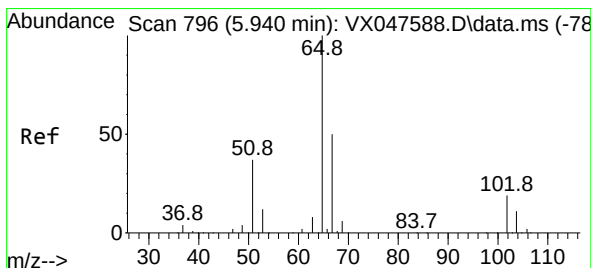
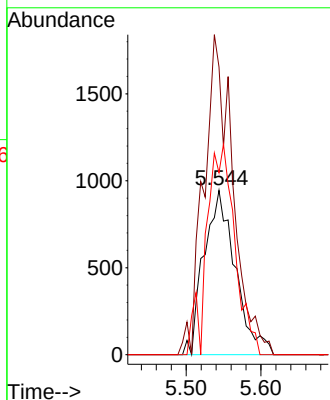
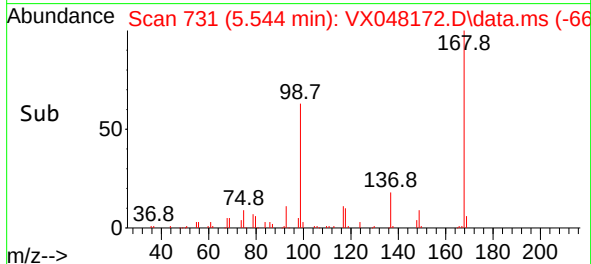


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :

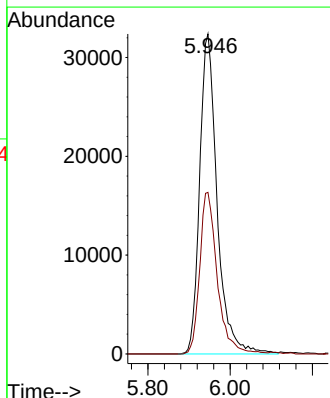
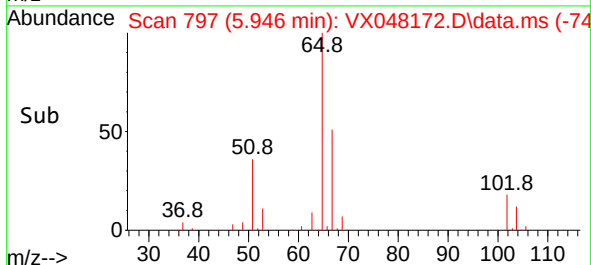
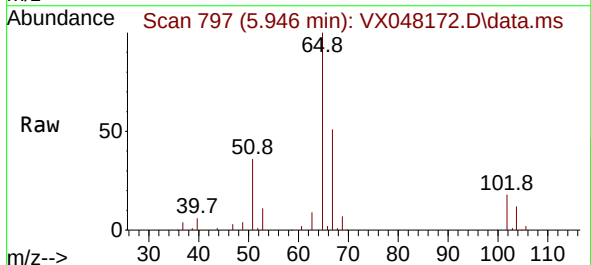


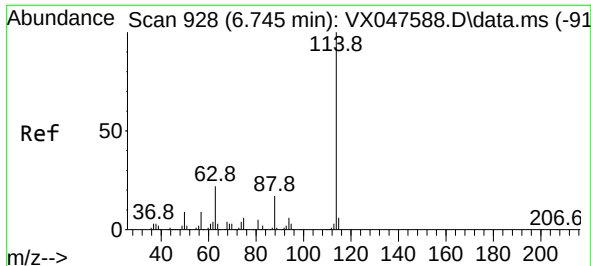
Tgt Ion: 56 Resp: 2751
Ion Ratio Lower Upper
56 100
69 175.0 23.8 35.8#
84 110.7 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.242 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

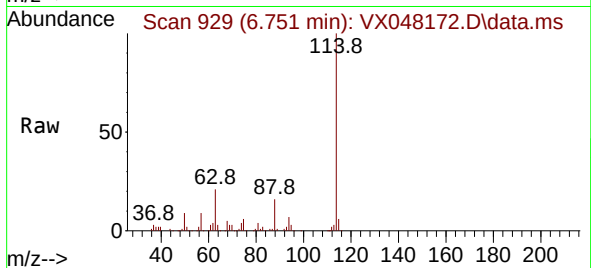
Tgt Ion: 65 Resp: 95292
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0



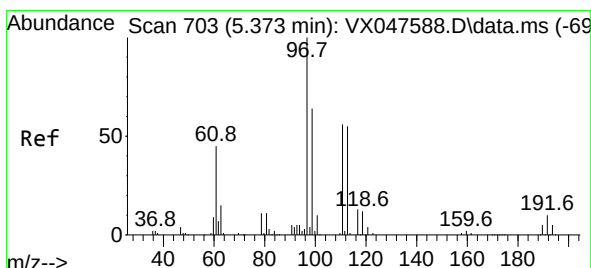
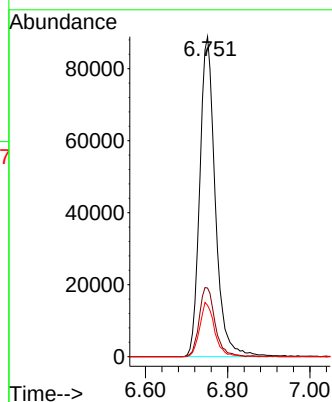
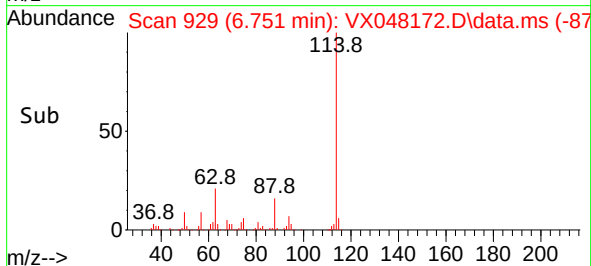


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :

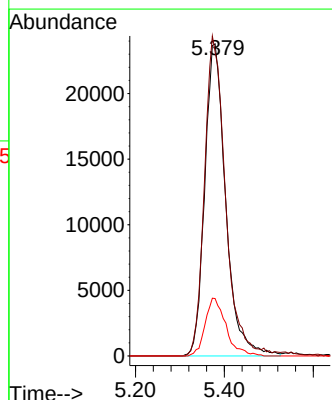
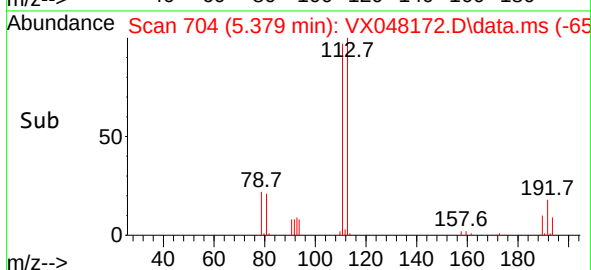
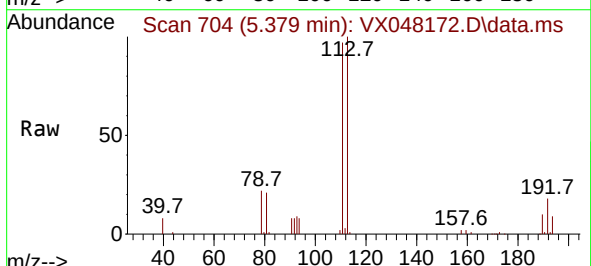


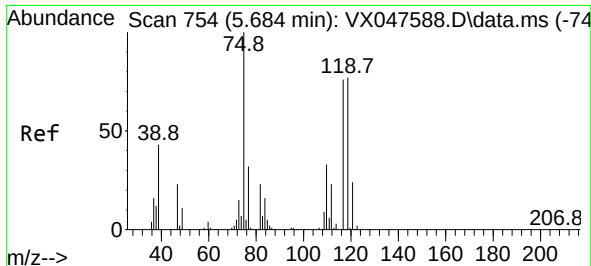
Tgt Ion:114 Resp: 232604
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.089 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

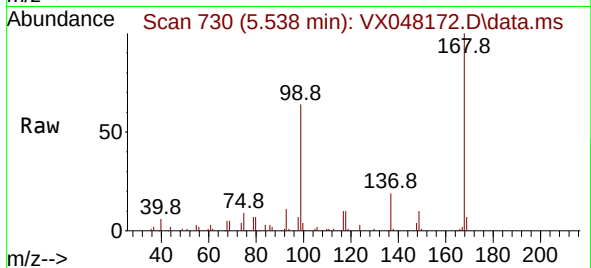
Tgt Ion:113 Resp: 78138
Ion Ratio Lower Upper
113 100
111 103.7 80.9 121.3
192 18.5 14.2 21.4



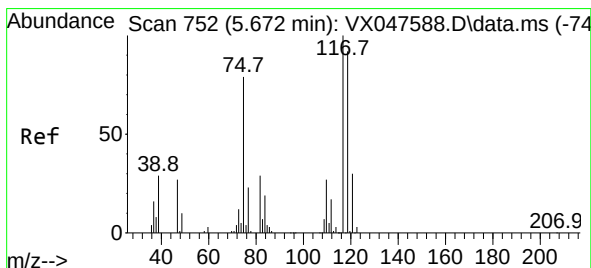
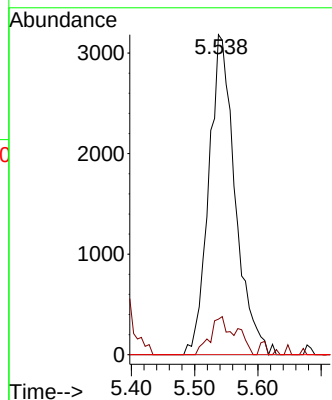
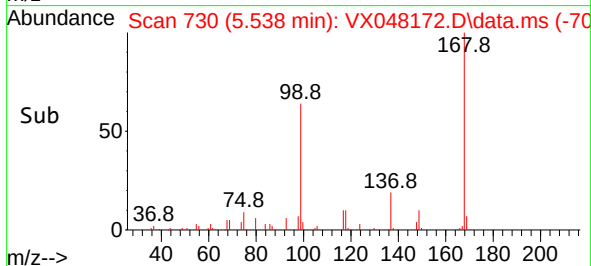


#36
1,1-Dichloropropene
Concen: 4.050 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

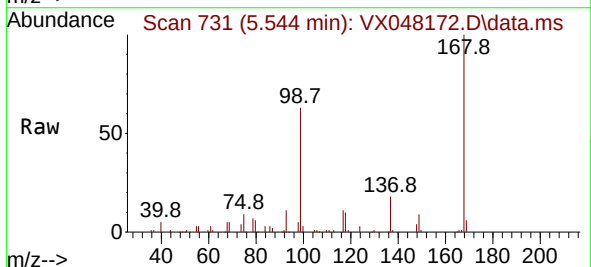
Instrument :
MSVOA_X
ClientSampleId :



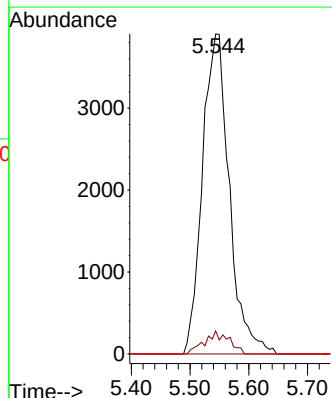
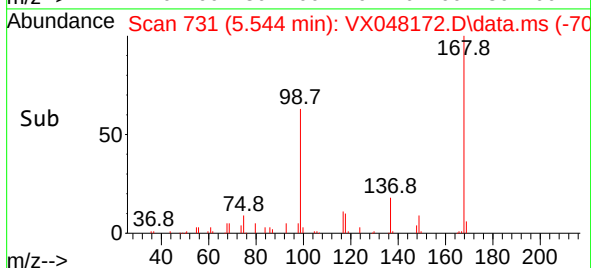
Tgt Ion: 75 Resp: 9233
Ion Ratio Lower Upper
75 100
110 8.7 16.7 50.1#
77 0.0 24.3 36.5#

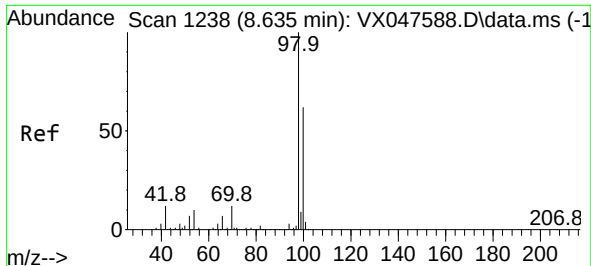


#38
Carbon Tetrachloride
Concen: 4.998 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16



Tgt Ion: 117 Resp: 12379
Ion Ratio Lower Upper
117 100
119 7.2 73.4 110.2#
121 0.0 23.8 35.6#

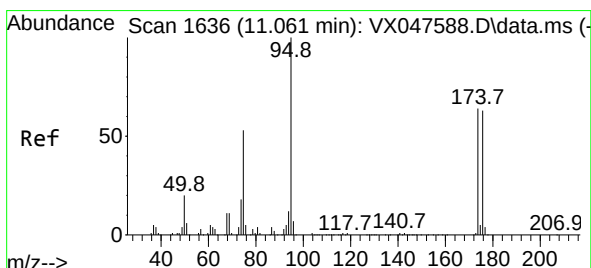
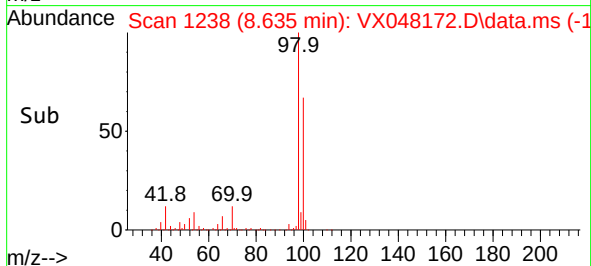
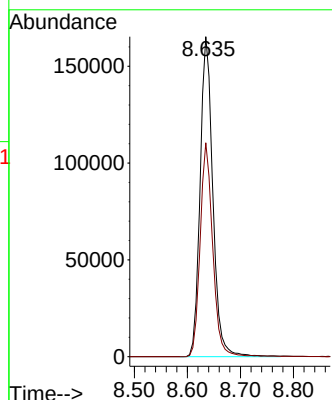
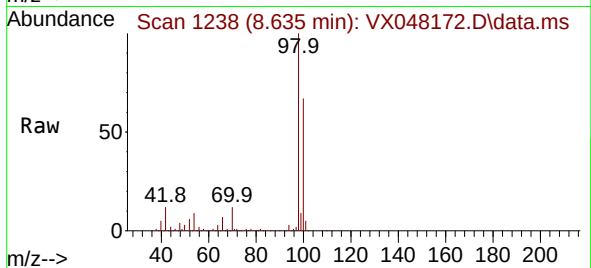




#50
Toluene-d8
Concen: 51.092 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

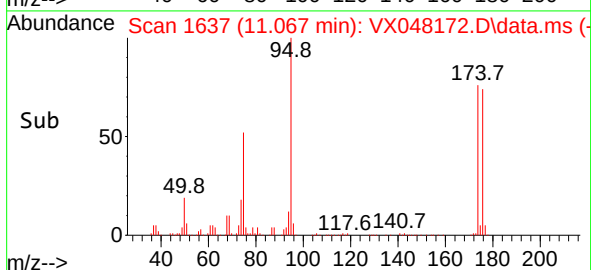
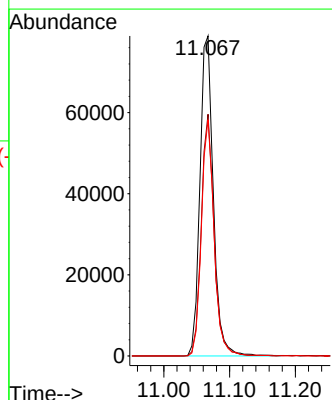
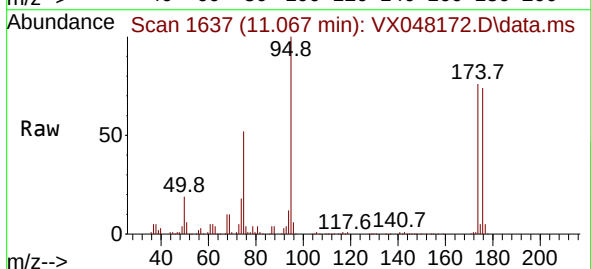
Instrument :
MSVOA_X
ClientSampleId :

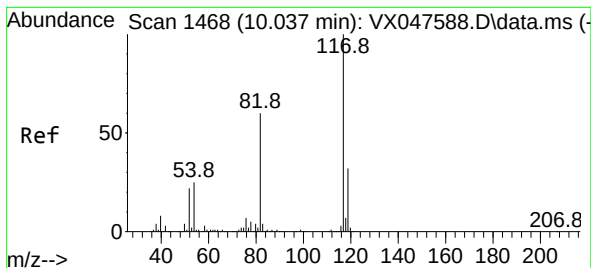
Tgt Ion: 98 Resp: 275787
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.455 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

Tgt Ion: 95 Resp: 111554
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.2 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048172.D

Acq: 14 Oct 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

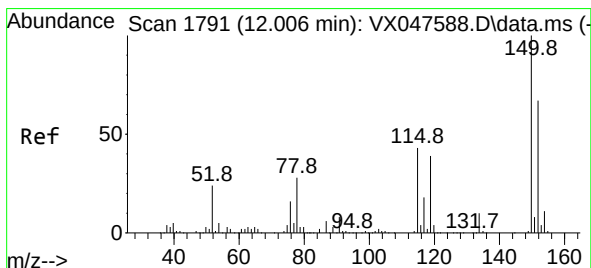
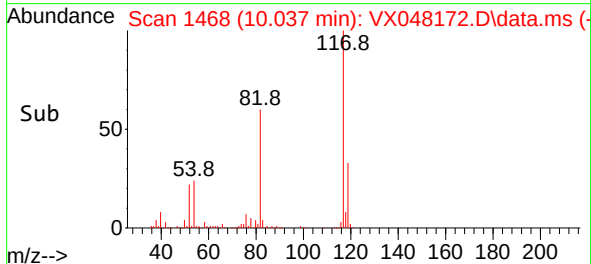
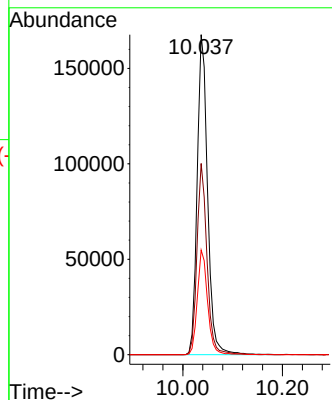
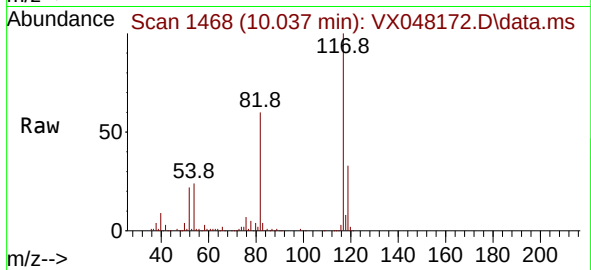
Tgt Ion:117 Resp: 242888

Ion Ratio Lower Upper

117 100

82 59.7 47.8 71.6

119 32.7 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048172.D

Acq: 14 Oct 2025 17:16

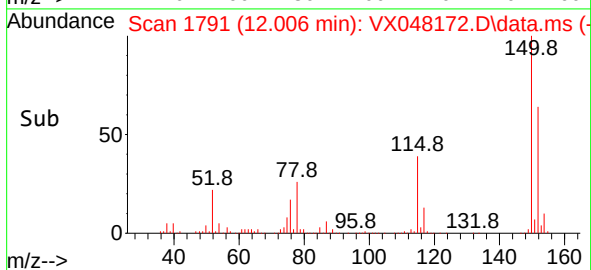
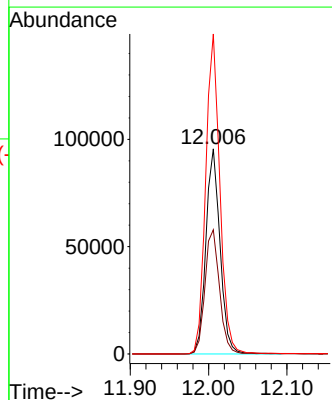
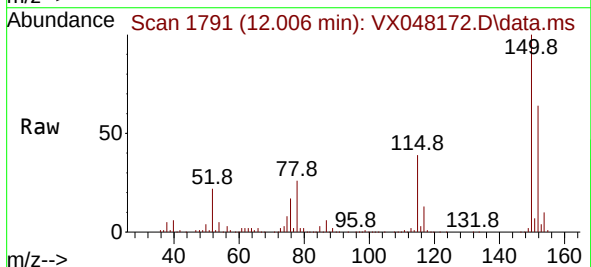
Tgt Ion:152 Resp: 119661

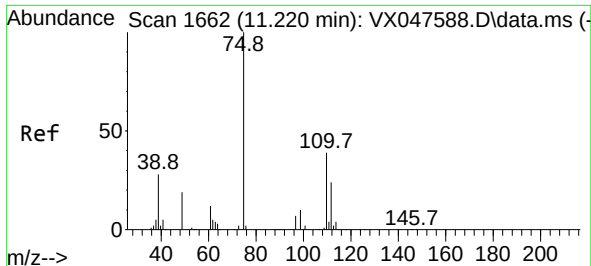
Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 156.5 0.0 352.0

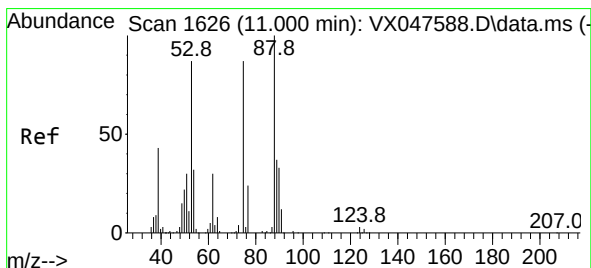
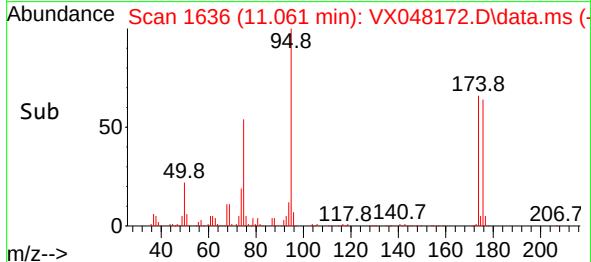
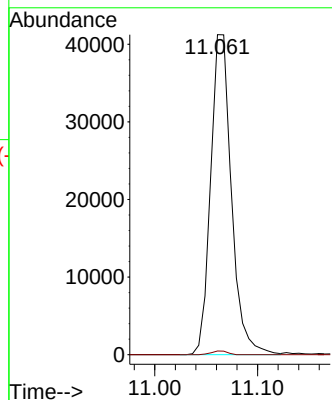
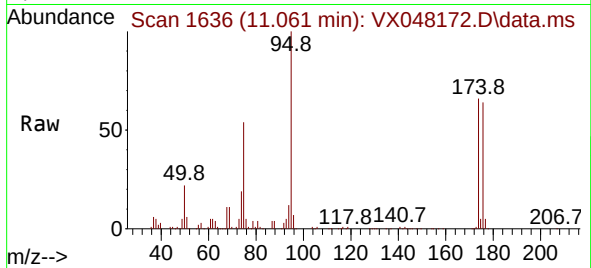




#76
1,2,3-Trichloropropane
Concen: 23.941 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58004
Ion Ratio Lower Upper
75 100
77 0.9 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.054 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048172.D
Acq: 14 Oct 2025 17:16

Tgt Ion: 75 Resp: 58004
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

