

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048029.D
 Acq On : 06 Oct 2025 16:54
 Operator : JC/MD
 Sample : Q3202-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3

Quant Time: Oct 07 02:19:15 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)

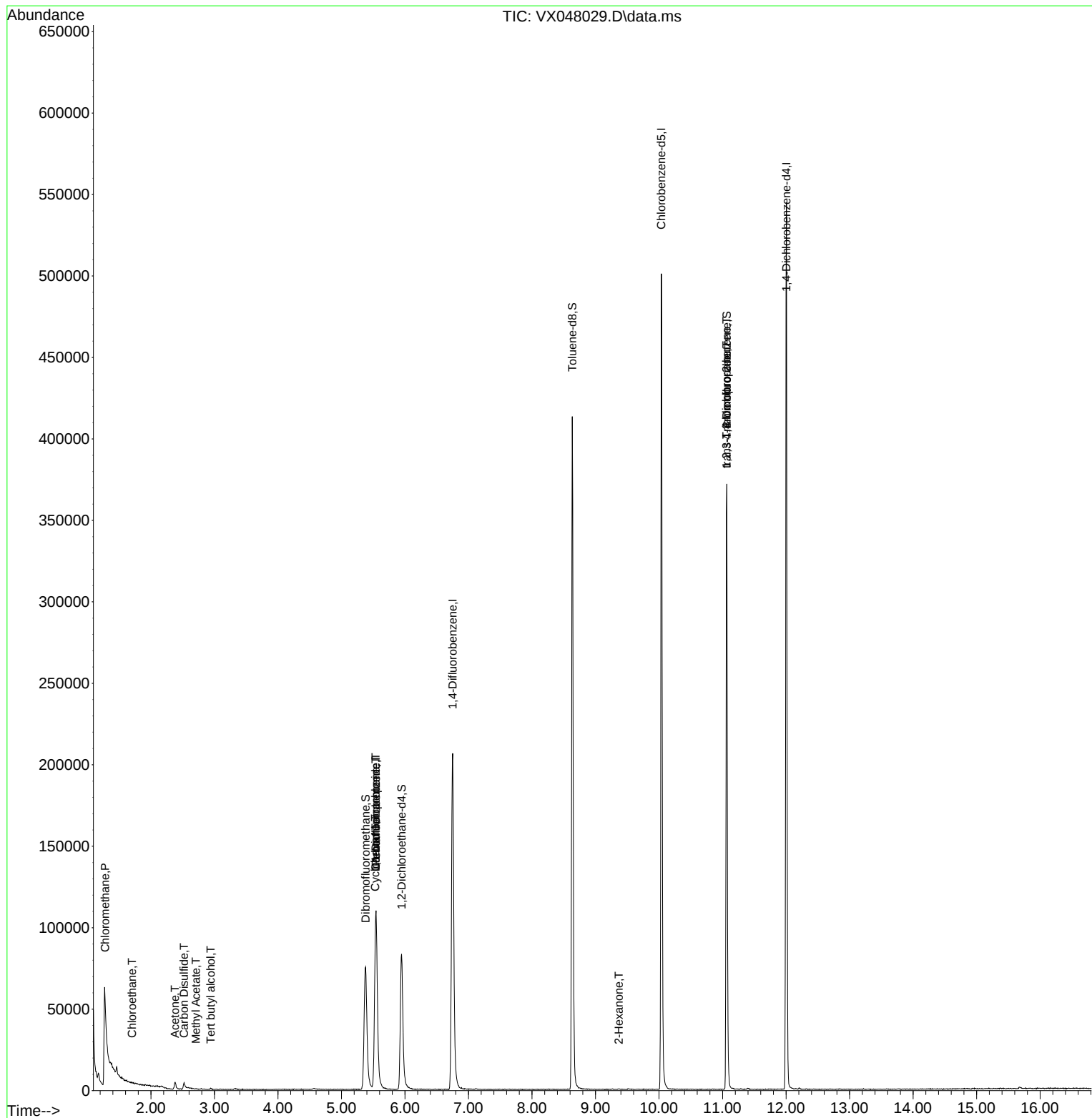
Internal Standards						
1) Pentafluorobenzene	5.544	168	109093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	222131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	91049	52.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.860%
35) Dibromofluoromethane	5.379	113	74139	49.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	8.634	98	252396	48.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.067	95	109258	55.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	1770	1.192	ug/l #	42
6) Chloroethane	1.703	64	1127	1.160	ug/l #	50
11) Tert butyl alcohol	2.940	59	75	0.388	ug/l #	72
16) Acetone	2.380	43	5413	7.169	ug/l	96
17) Carbon Disulfide	2.520	76	4444	1.252	ug/l #	92
18) Methyl Acetate	2.709	43	540	0.321	ug/l #	54
31) Cyclohexane	5.531	56	2546	1.110	ug/l #	28
36) 1,1-Dichloropropene	5.537	75	9379	4.309	ug/l #	51
38) Carbon Tetrachloride	5.537	117	11582	4.897	ug/l #	20
59) 2-Hexanone	9.366	43	462	0.304	ug/l #	26
76) 1,2,3-Trichloropropane	11.061	75	56733	24.475	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	56733	62.415	ug/l #	8

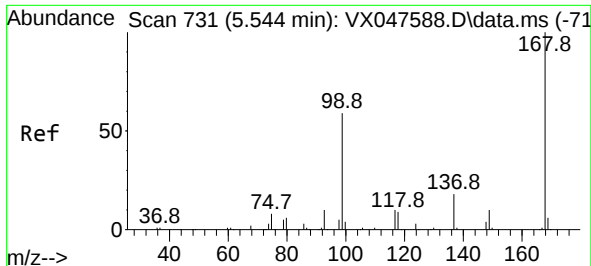
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048029.D
Acq On : 06 Oct 2025 16:54
Operator : JC/MD
Sample : Q3202-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SY-3

Quant Time: Oct 07 02:19:15 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

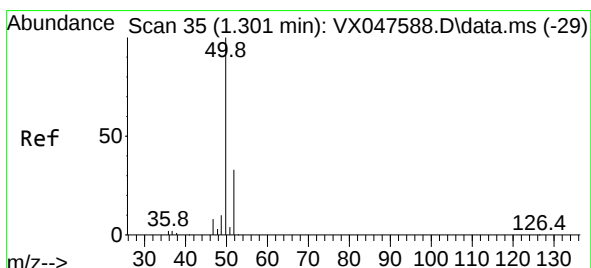
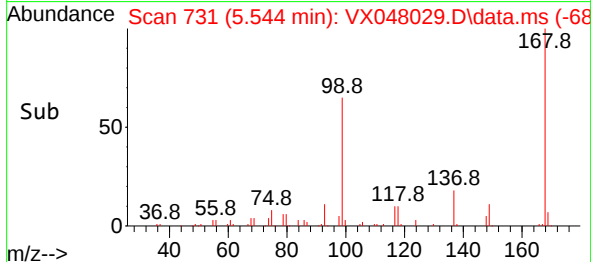
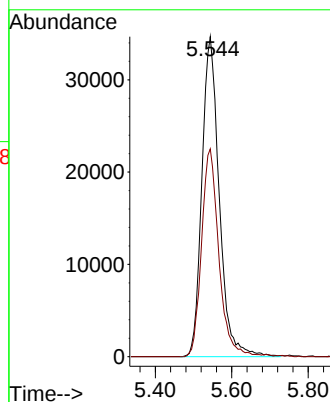
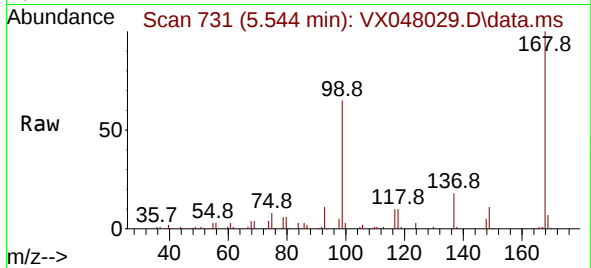




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

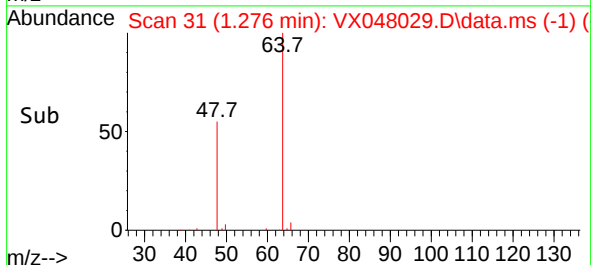
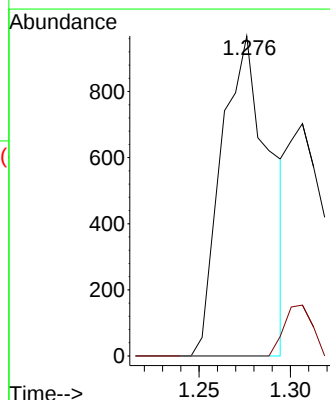
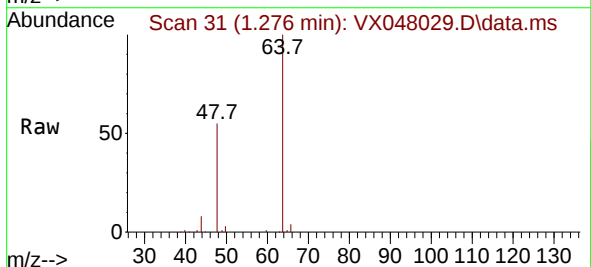
Instrument :
MSVOA_X
ClientSampleId :
SY-3

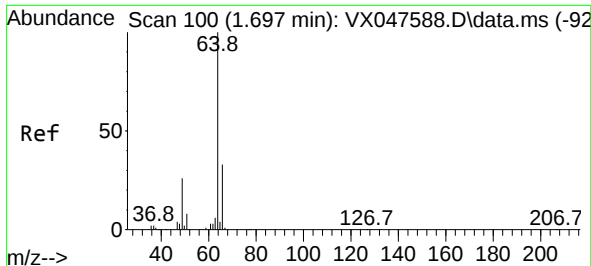
Tgt Ion:168 Resp: 109093
Ion Ratio Lower Upper
168 100
99 65.0 48.8 73.2



#3
Chloromethane
Concen: 1.192 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.025 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

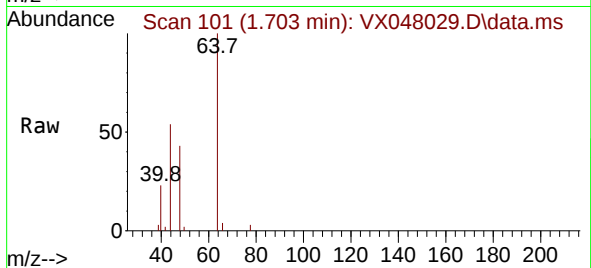
Tgt Ion: 50 Resp: 1770
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



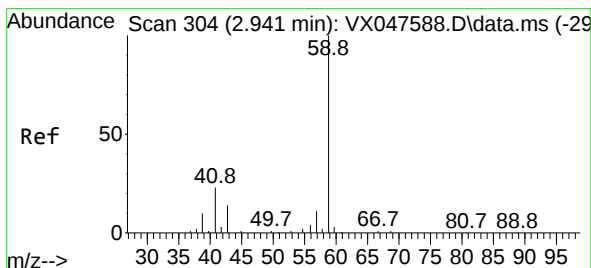
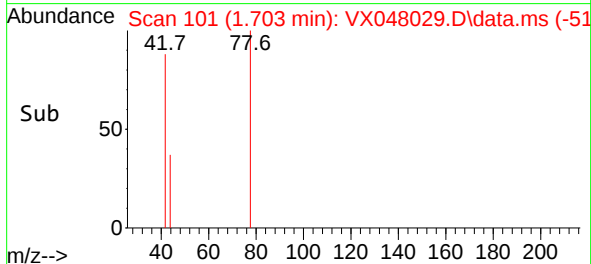
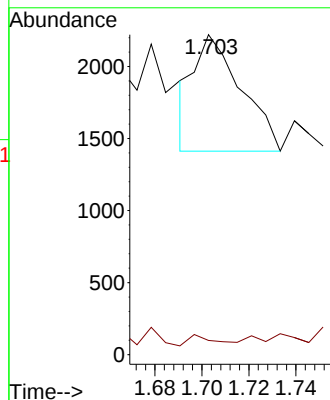


#6
Chloroethane
Concen: 1.160 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Instrument :
MSVOA_X
ClientSampleId :
SY-3

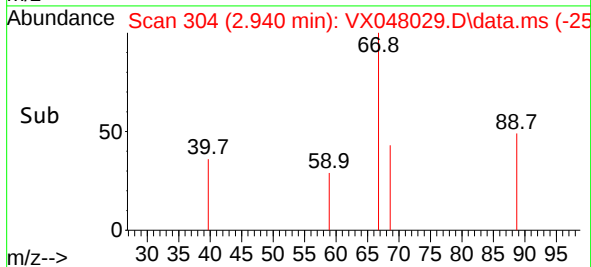
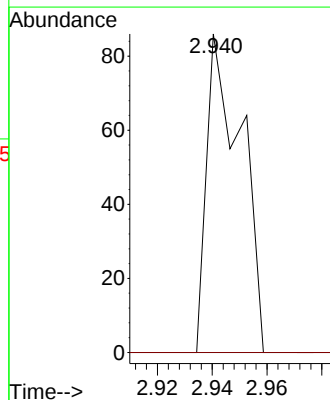
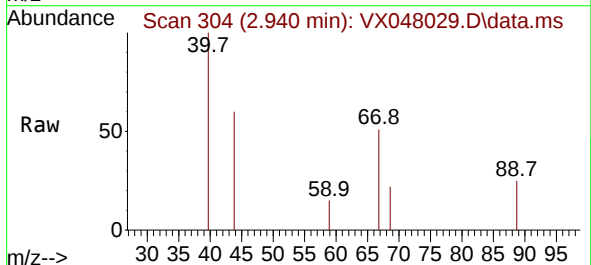


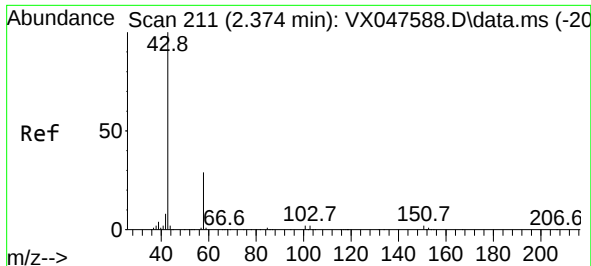
Tgt Ion: 64 Resp: 1127
Ion Ratio Lower Upper
64 100
66 4.7 26.1 39.1#



#11
Tert butyl alcohol
Concen: 0.388 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

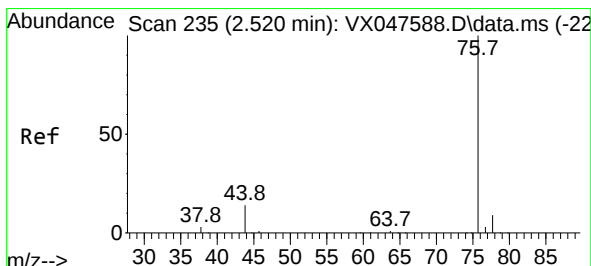
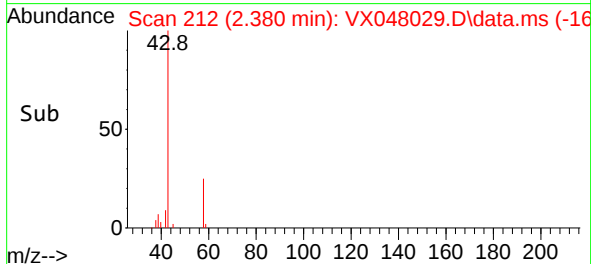
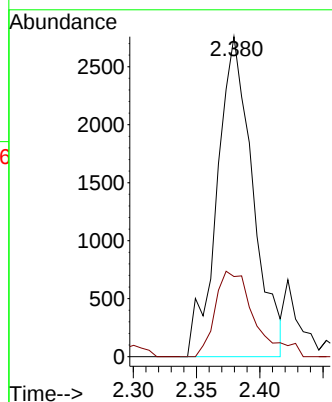
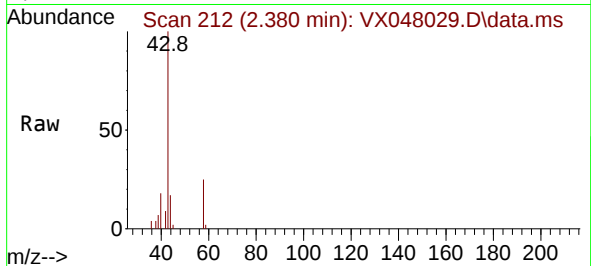




#16
Acetone
Concen: 7.169 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

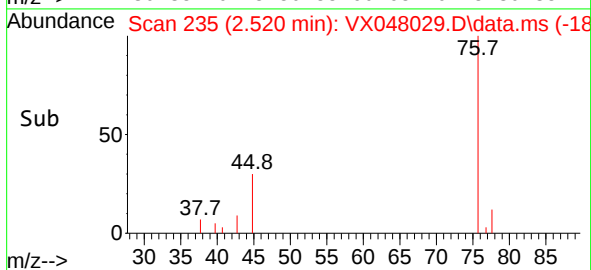
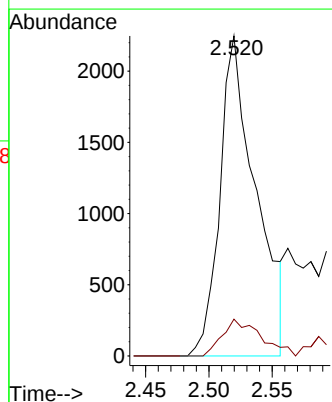
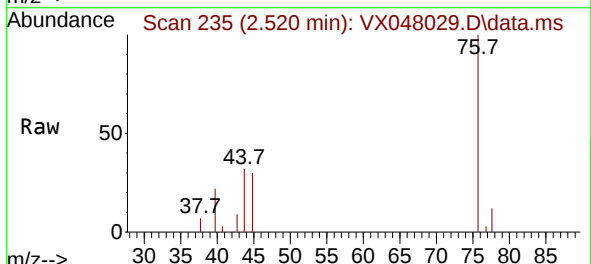
Instrument :
MSVOA_X
ClientSampleId :
SY-3

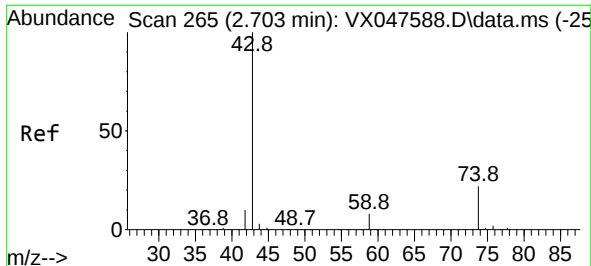
Tgt Ion: 43 Resp: 5413
Ion Ratio Lower Upper
43 100
58 26.9 23.4 35.0



#17
Carbon Disulfide
Concen: 1.252 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 76 Resp: 4444
Ion Ratio Lower Upper
76 100
78 11.5 6.8 10.2#

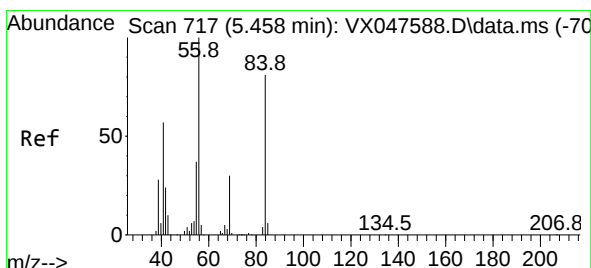
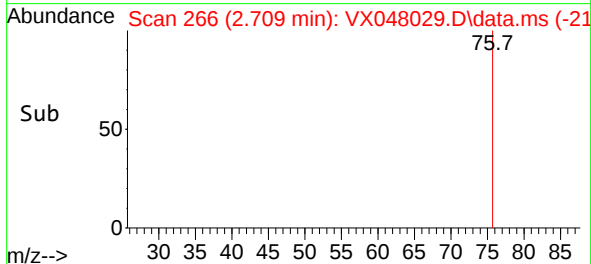
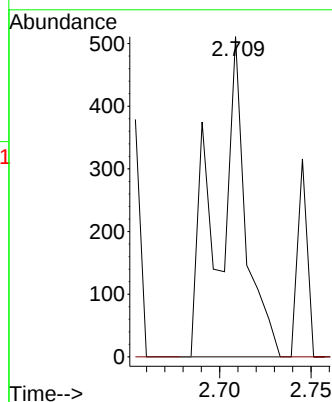
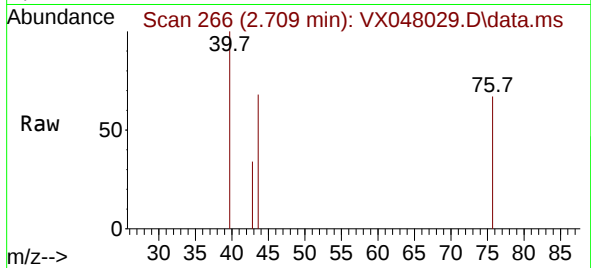




#18
Methyl Acetate
Concen: 0.321 ug/l
RT: 2.709 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

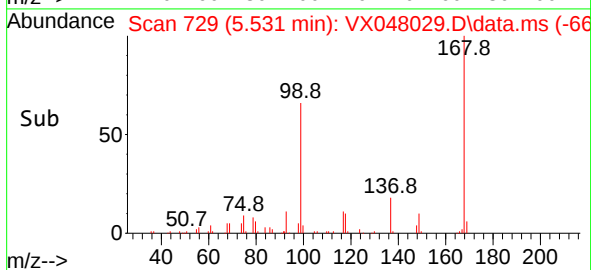
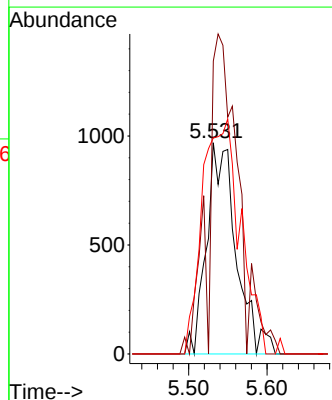
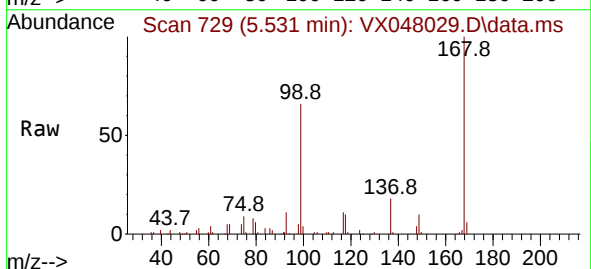
Instrument :
MSVOA_X
ClientSampleId :
SY-3

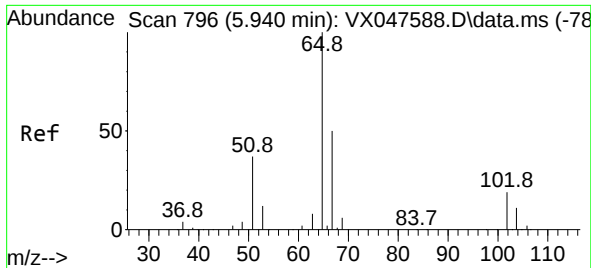
Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 56 Resp: 2546
Ion Ratio Lower Upper
56 100
69 138.7 23.8 35.8#
84 102.4 64.6 97.0#

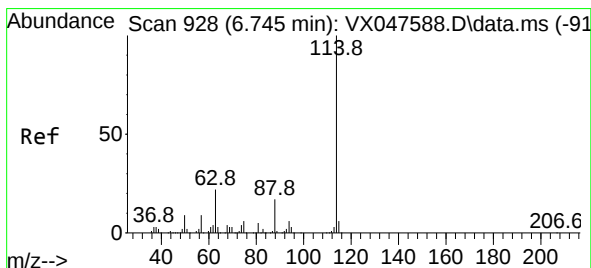
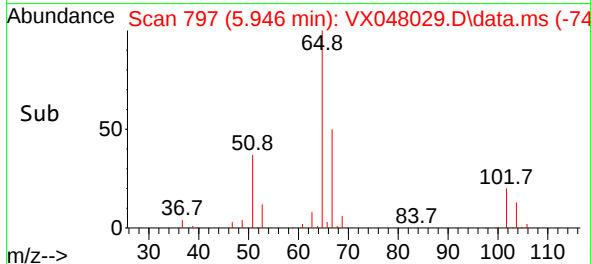
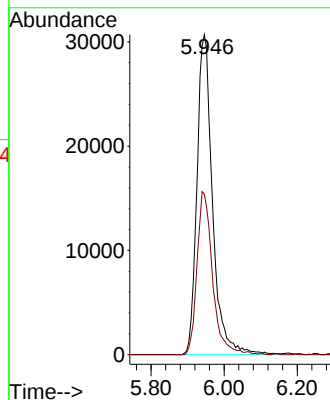
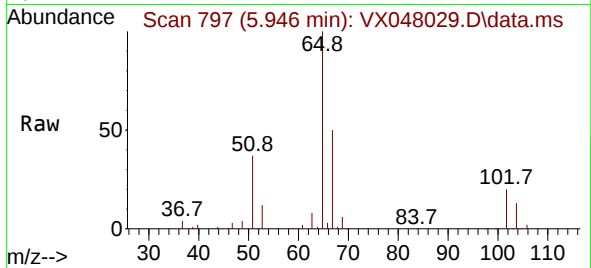




#33
 1,2-Dichloroethane-d4
 Concen: 52.433 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048029.D
 Acq: 06 Oct 2025 16:54

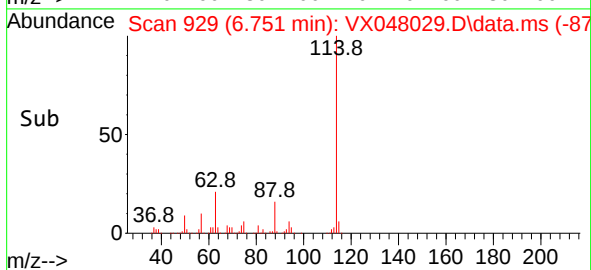
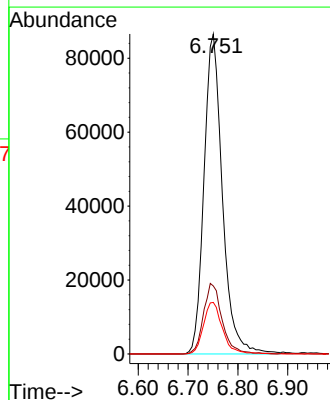
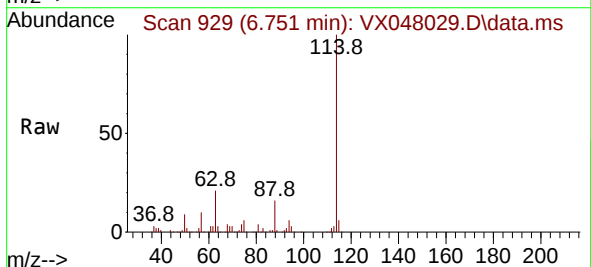
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-3

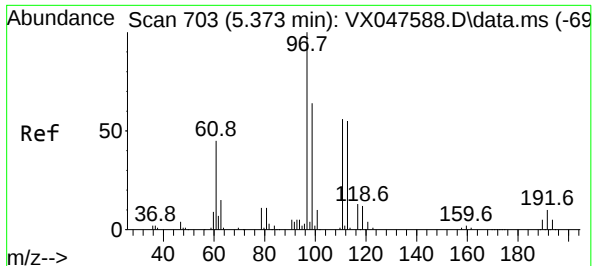
Tgt Ion: 65 Resp: 91049
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048029.D
 Acq: 06 Oct 2025 16:54

Tgt Ion: 114 Resp: 222131
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.0
 88 16.1 0.0 34.2

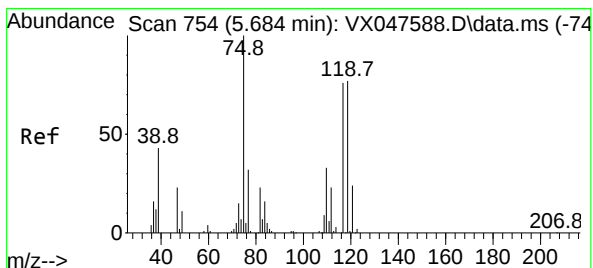
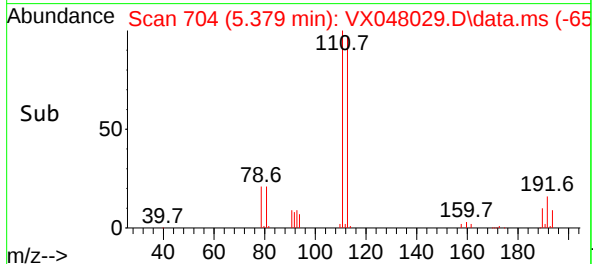
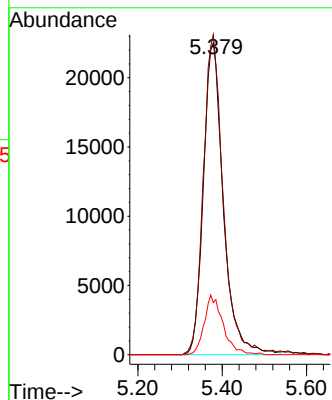
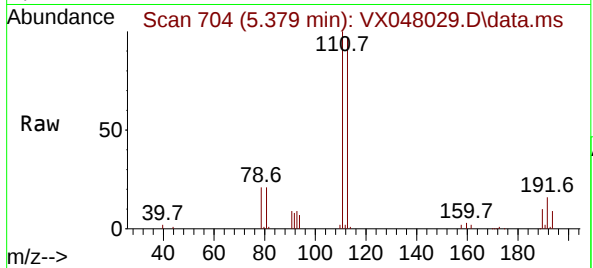




#35
Dibromofluoromethane
Concen: 49.767 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

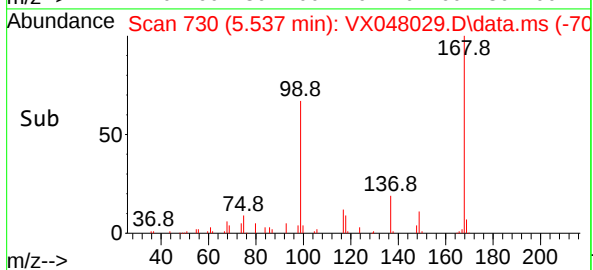
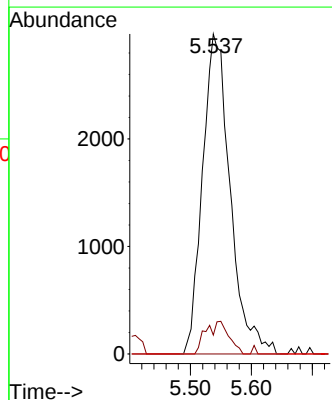
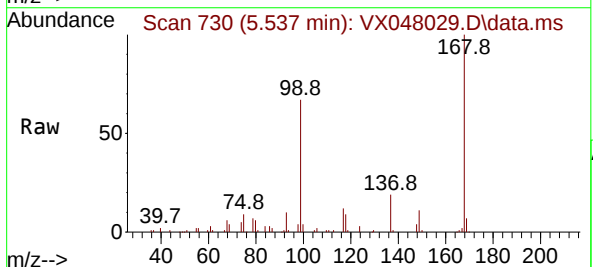
Instrument :
MSVOA_X
ClientSampleId :
SY-3

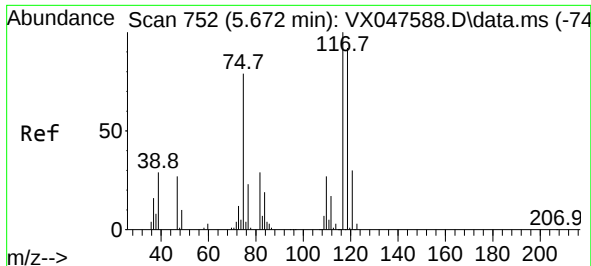
Tgt Ion:113 Resp: 74139
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 18.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.309 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.147 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 75 Resp: 9379
Ion Ratio Lower Upper
75 100
110 8.6 16.7 50.1#
77 0.0 24.3 36.5#

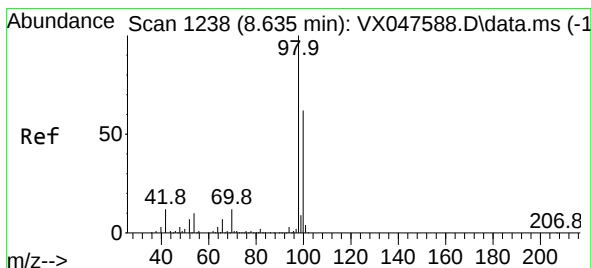
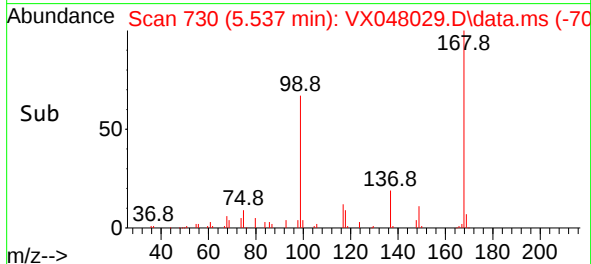
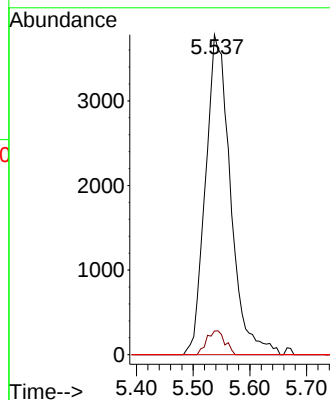
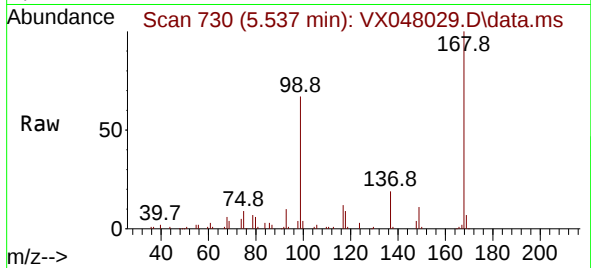




#38
Carbon Tetrachloride
Concen: 4.897 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

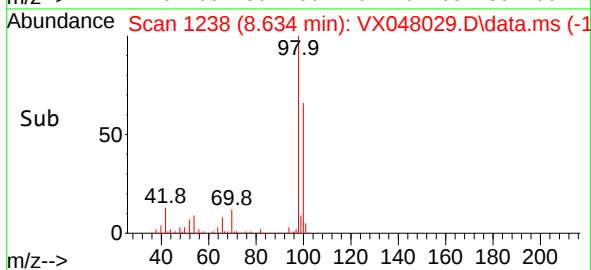
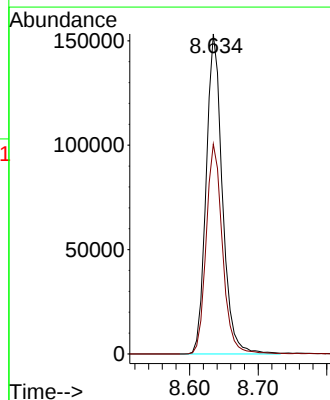
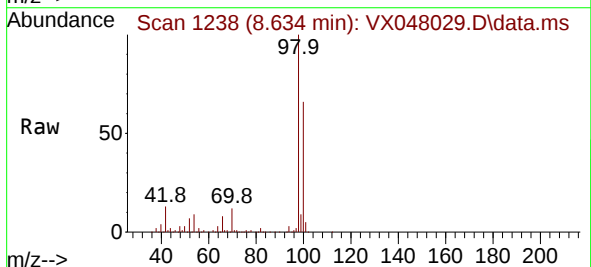
Instrument :
MSVOA_X
ClientSampleId :
SY-3

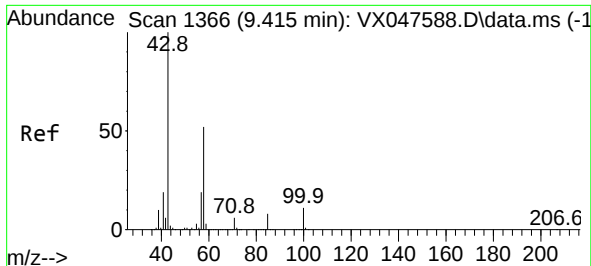
Tgt Ion:117 Resp: 11582
Ion Ratio Lower Upper
117 100
119 7.4 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.964 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048029.D
Acq: 06 Oct 2025 16:54

Tgt Ion: 98 Resp: 252396
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4





#59

2-Hexanone

Concen: 0.304 ug/l

RT: 9.366 min Scan# 11

Delta R.T. -0.049 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

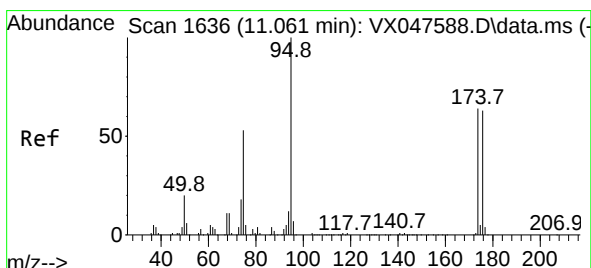
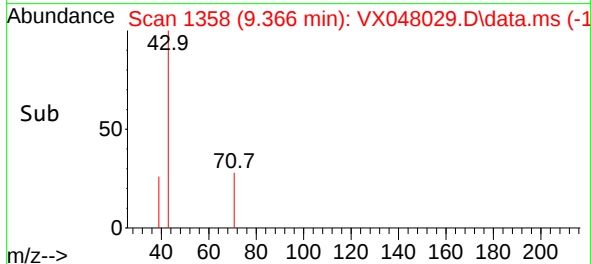
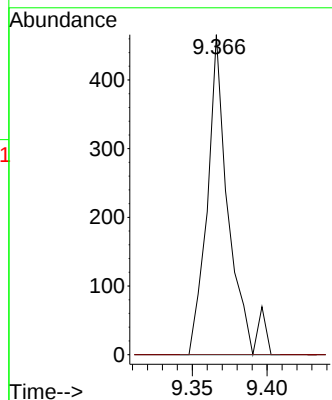
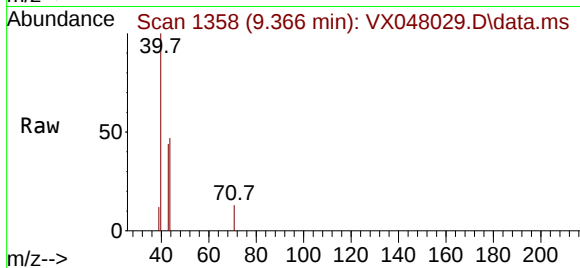
SY-3

Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

58 0.0 26.1 78.2#



#62

4-Bromofluorobenzene

Concen: 55.849 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.006 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

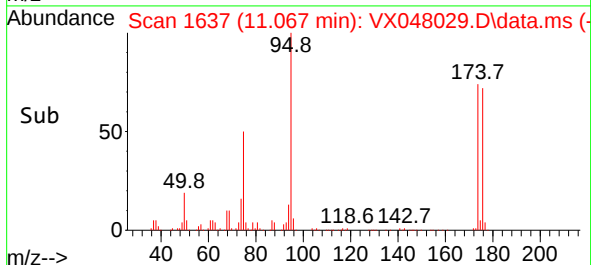
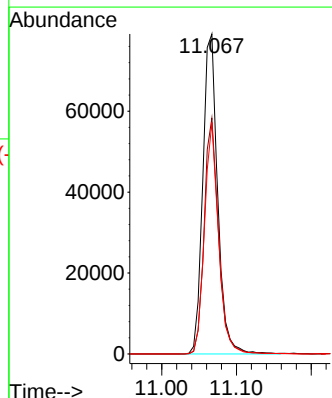
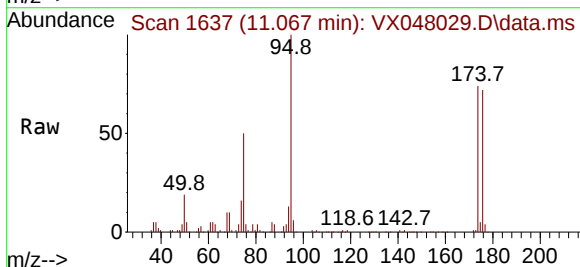
Tgt Ion: 95 Resp: 109258

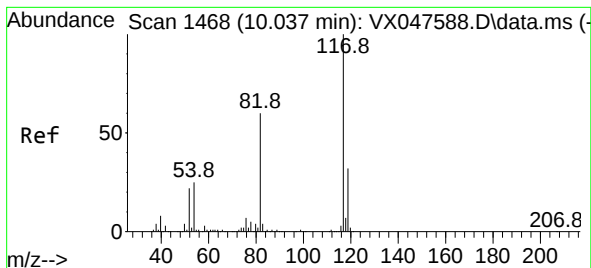
Ion Ratio Lower Upper

95 100

174 71.1 0.0 141.6

176 68.8 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: VX048029.D

Acq: 06 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

SY-3

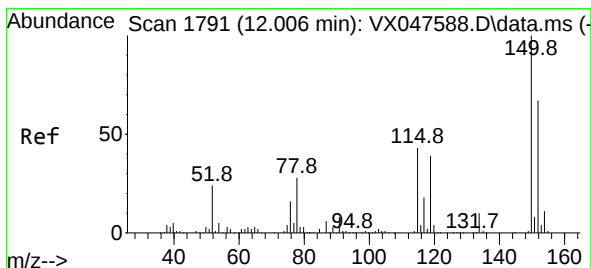
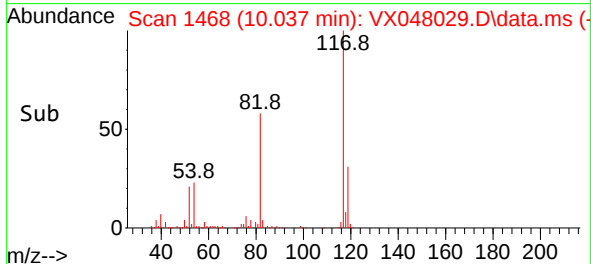
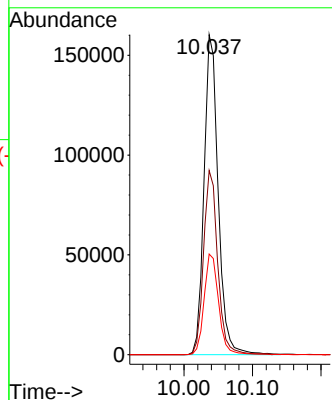
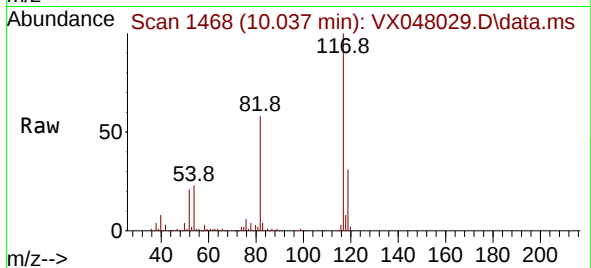
Tgt Ion:117 Resp: 230729

Ion Ratio Lower Upper

117 100

82 57.5 47.8 71.6

119 31.5 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: VX048029.D

Acq: 06 Oct 2025 16:54

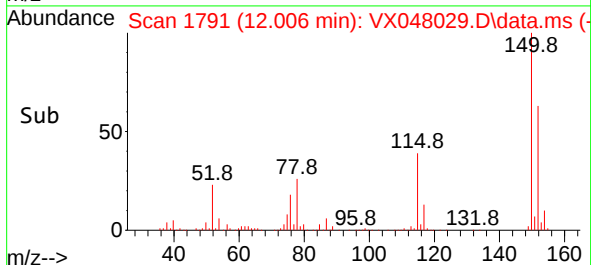
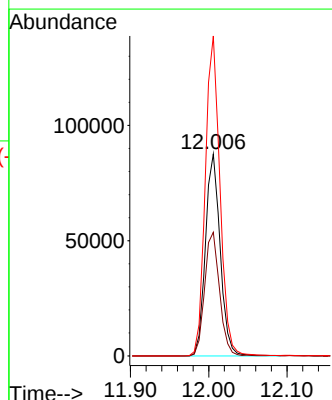
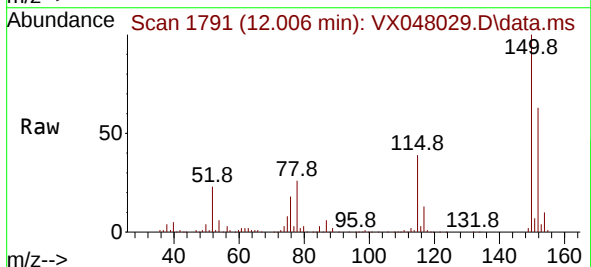
Tgt Ion:152 Resp: 114487

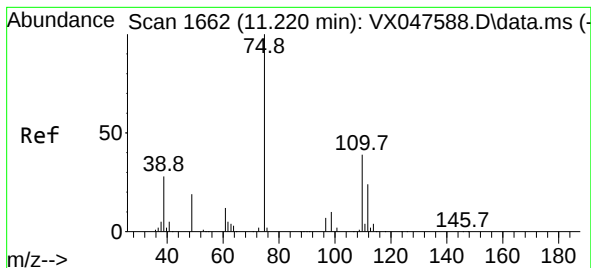
Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 157.3 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 24.475 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

Instrument :

MSVOA_X

ClientSampleId :

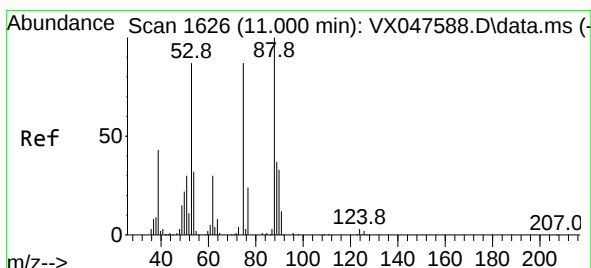
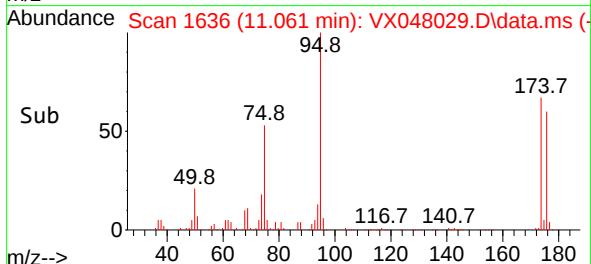
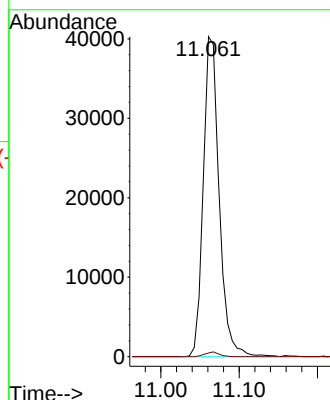
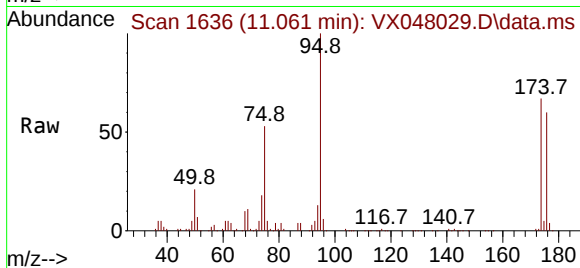
SY-3

Tgt Ion: 75 Resp: 56733

Ion Ratio Lower Upper

75 100

77 1.3 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.415 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048029.D

Acq: 06 Oct 2025 16:54

Tgt Ion: 75 Resp: 56733

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#

