

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044608.D
 Acq On : 07 Jan 2025 18:05
 Operator : JC/MD
 Sample : Q1022-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 05:56:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

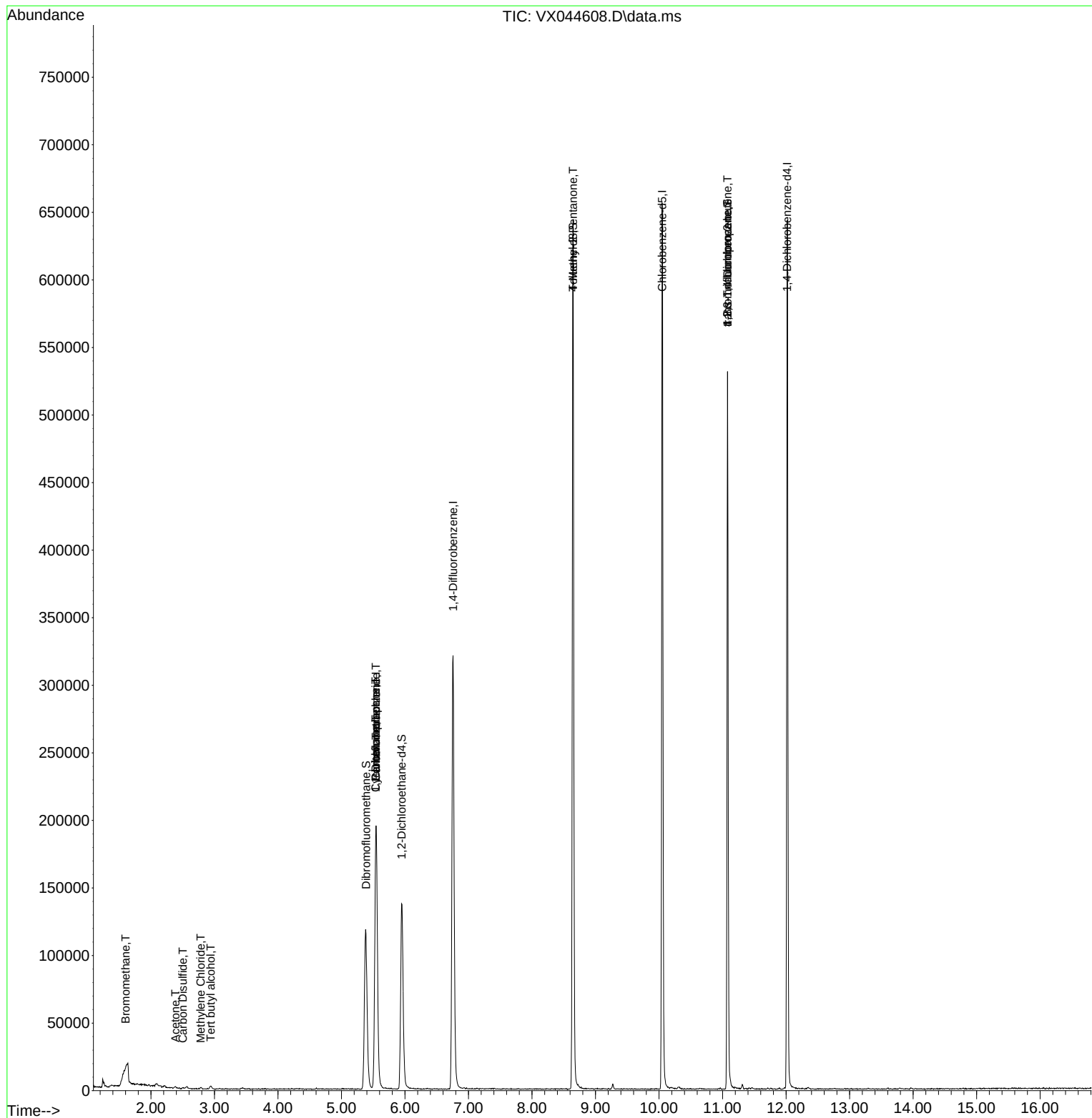
Internal Standards						
1) Pentafluorobenzene	5.544	168	176098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	318982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	290099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	143405	50.506	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.020%	
35) Dibromofluoromethane	5.385	113	103794	47.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.900%	
50) Toluene-d8	8.647	98	380100	50.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	11.079	95	136590	51.795	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	332	0.269	ug/l	88
11) Tert butyl alcohol	2.940	59	944	2.700	ug/l #	72
16) Acetone	2.386	43	1342	1.500	ug/l	96
17) Carbon Disulfide	2.502	76	1044	0.256	ug/l #	75
20) Methylene Chloride	2.782	84	499	0.219	ug/l #	80
31) Cyclohexane	5.538	56	4294	1.333	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	15584	5.510	ug/l #	48
38) Carbon Tetrachloride	5.544	117	19446	6.197	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1948	0.698	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77908	30.368	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	77908	92.439	ug/l #	4

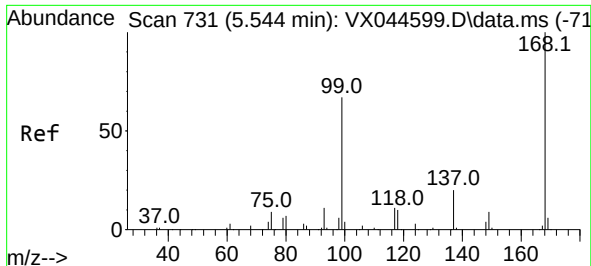
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

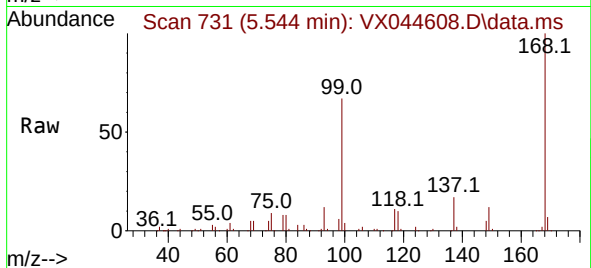
Lab File: VX044608.D

Acq: 07 Jan 2025 18:05

Instrument :

MSVOA_X

ClientSampleId :

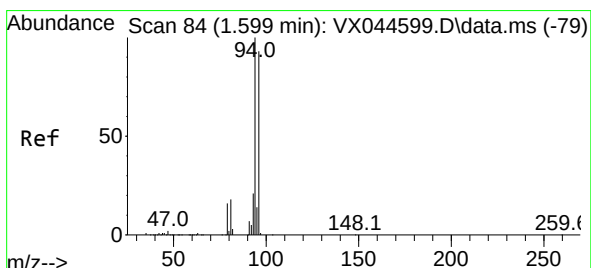
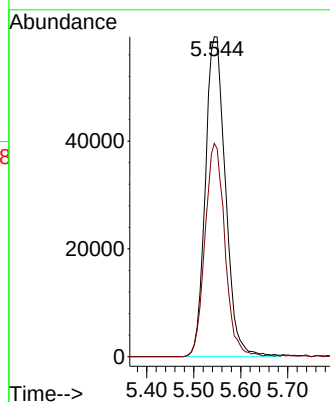
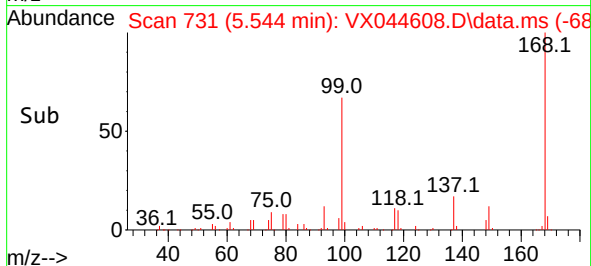


Tgt Ion:168 Resp: 176098

Ion Ratio Lower Upper

168 100

99 66.6 53.5 80.3



#5

Bromomethane

Concen: 0.269 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX044608.D

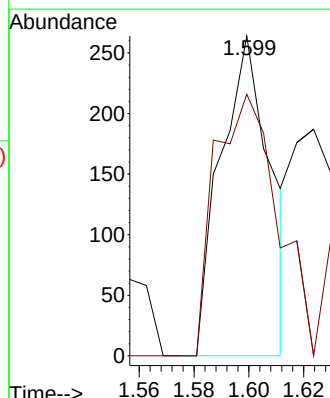
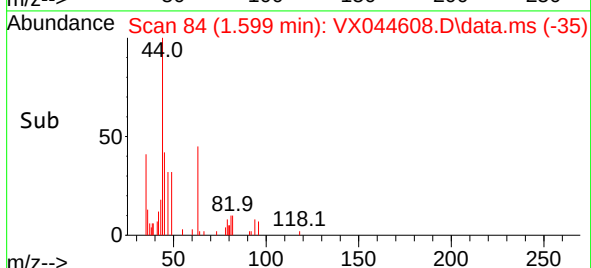
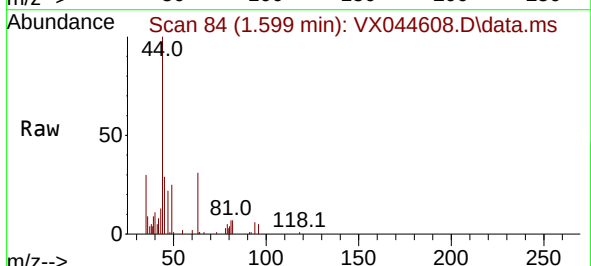
Acq: 07 Jan 2025 18:05

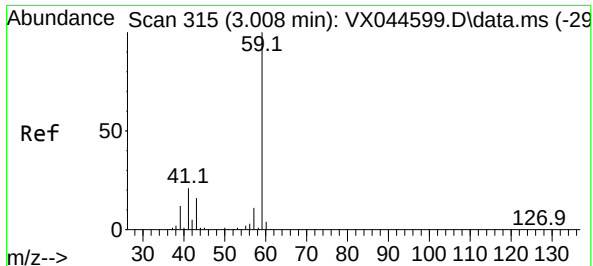
Tgt Ion: 94 Resp: 332

Ion Ratio Lower Upper

94 100

96 81.8 74.6 112.0





#11

Tert butyl alcohol

Concen: 2.700 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX044608.D

Acq: 07 Jan 2025 18:05

Instrument :

MSVOA_X

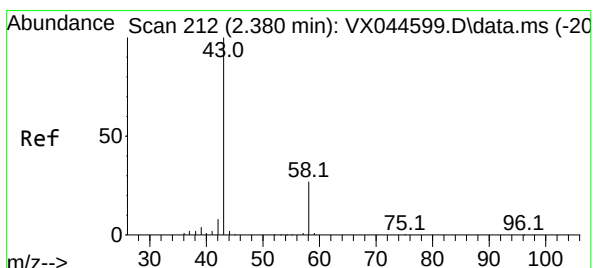
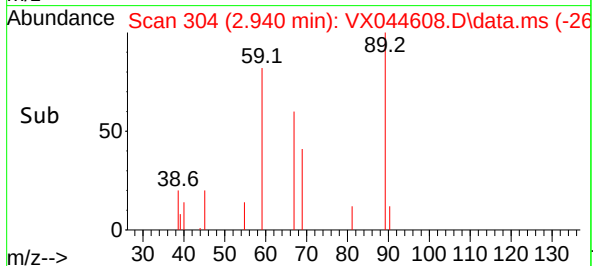
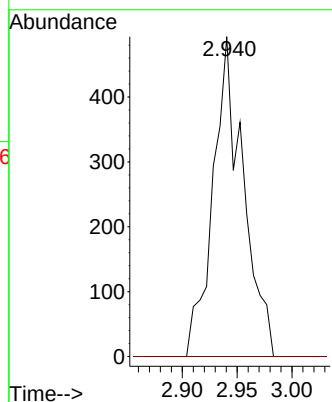
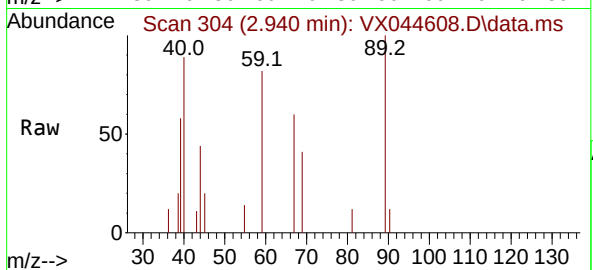
ClientSampleId :

Tgt Ion: 59 Resp: 944

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 1.500 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044608.D

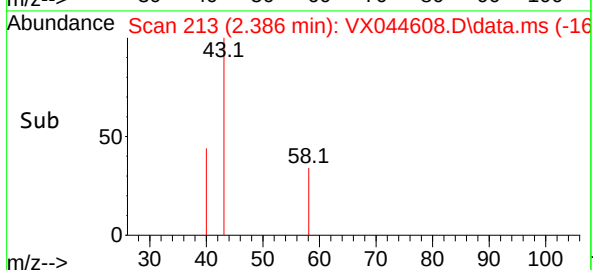
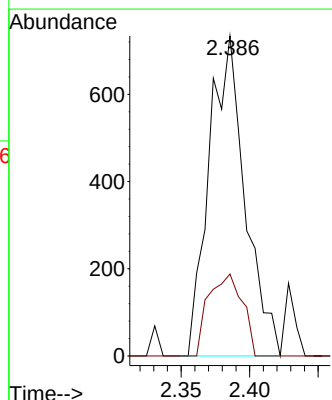
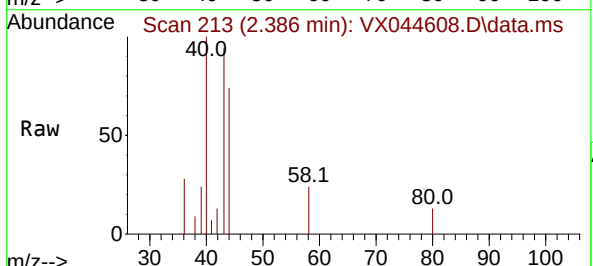
Acq: 07 Jan 2025 18:05

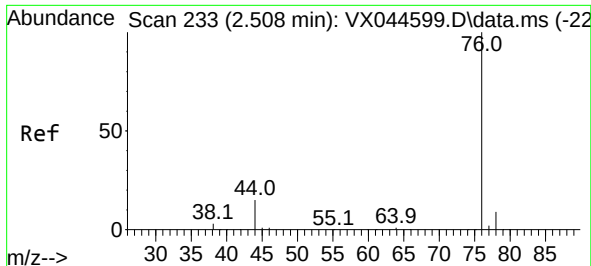
Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

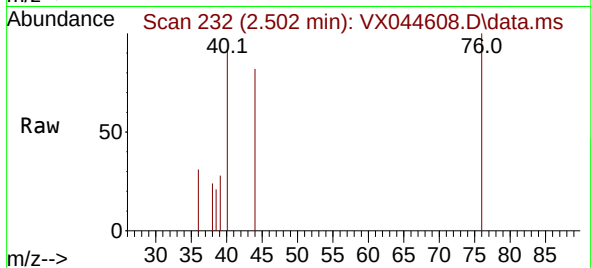
58 25.6 22.0 33.0



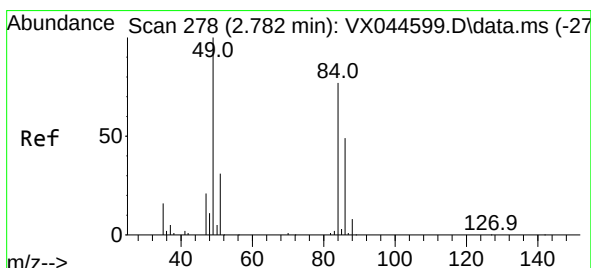
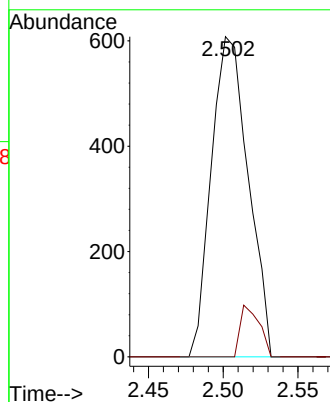
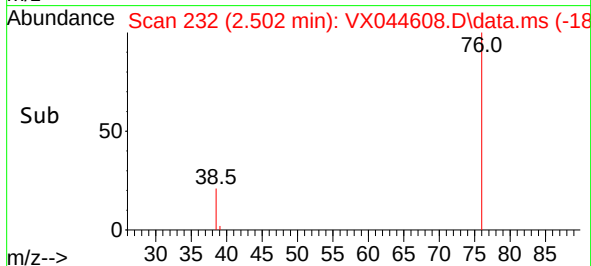


#17
Carbon Disulfide
Concen: 0.256 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

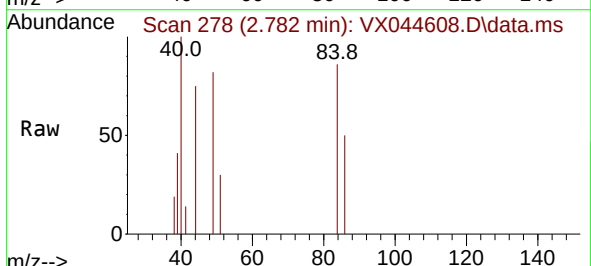
Instrument :
MSVOA_X
ClientSampleId :



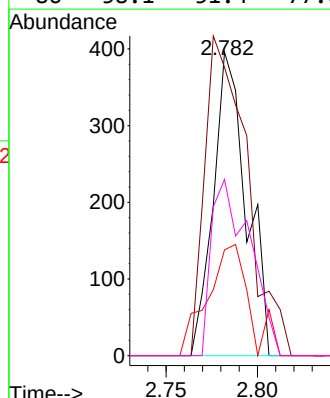
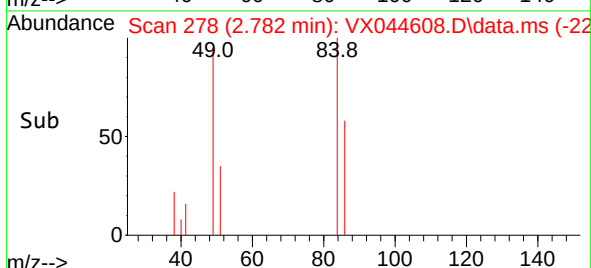
Tgt Ion: 76 Resp: 1044
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

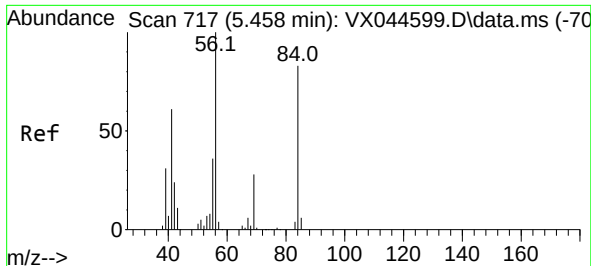


#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05



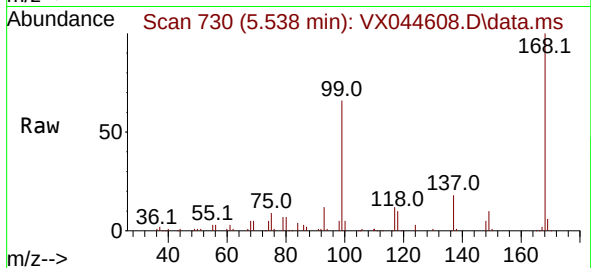
Tgt Ion: 84 Resp: 499
Ion Ratio Lower Upper
84 100
49 94.9 104.4 156.6#
51 34.8 32.0 48.0
86 58.1 51.4 77.0



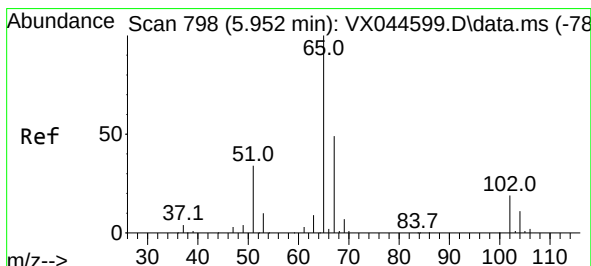
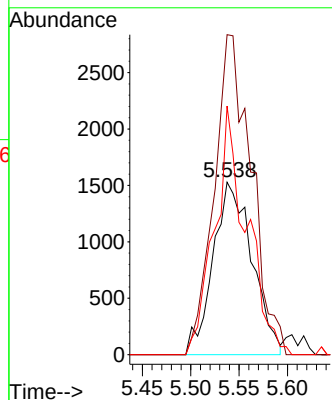
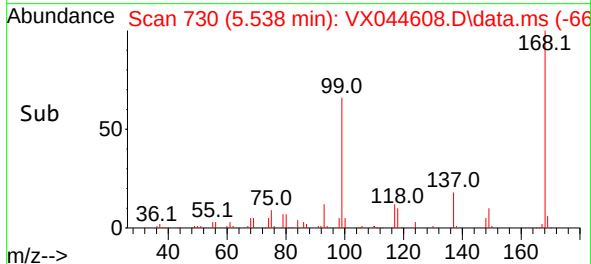


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

Instrument :
MSVOA_X
ClientSampleId :

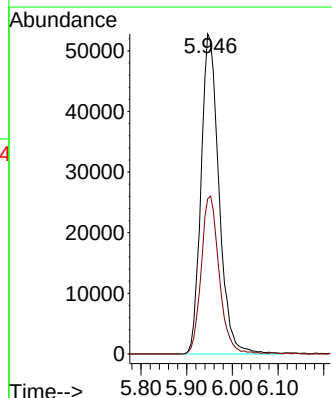
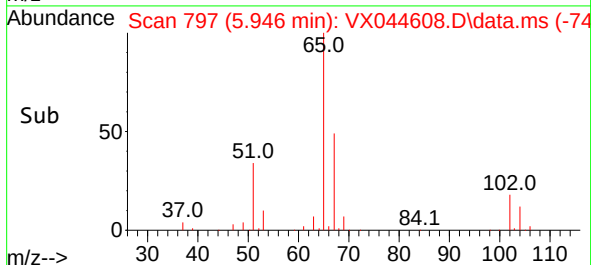
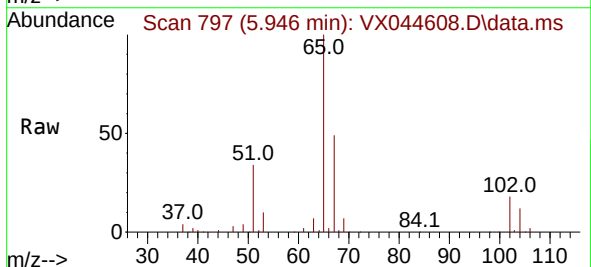


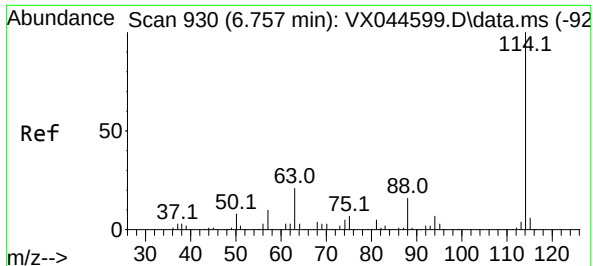
Tgt Ion: 56 Resp: 4294
Ion Ratio Lower Upper
56 100
69 185.5 22.2 33.4#
84 144.1 66.6 100.0#



#33
1,2-Dichloroethane-d4
Concen: 50.506 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

Tgt Ion: 65 Resp: 143405
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

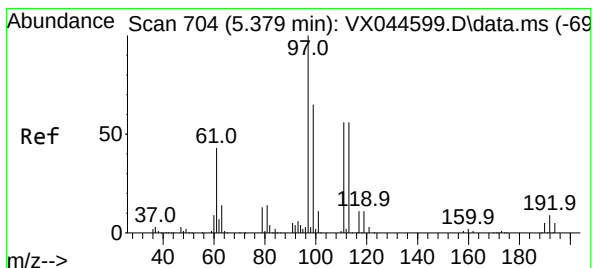
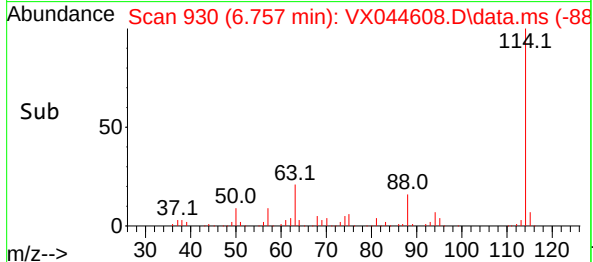
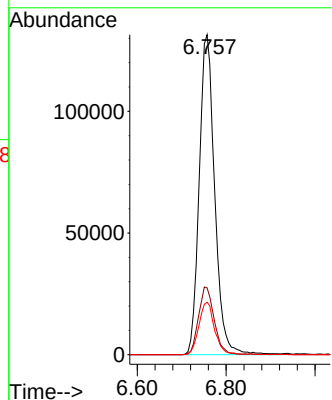
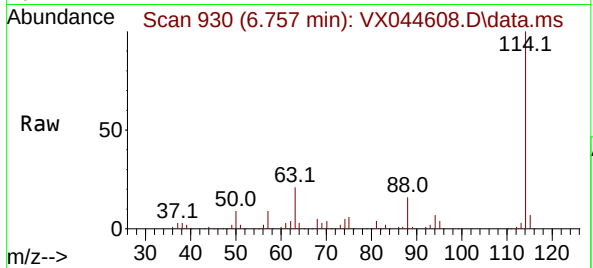




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

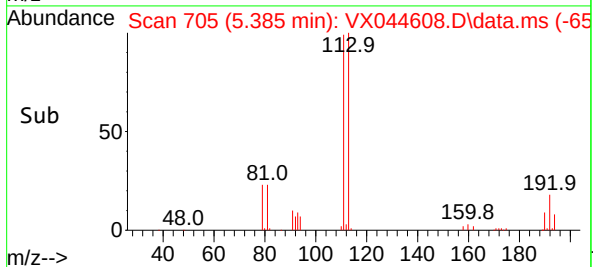
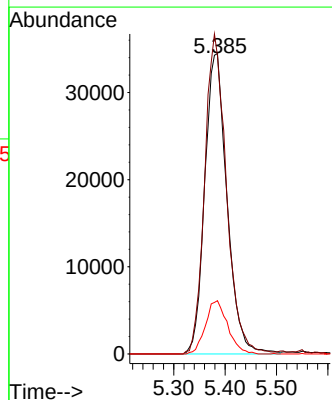
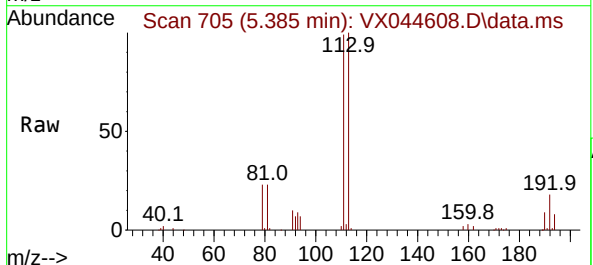
Instrument :
MSVOA_X
ClientSampleId :

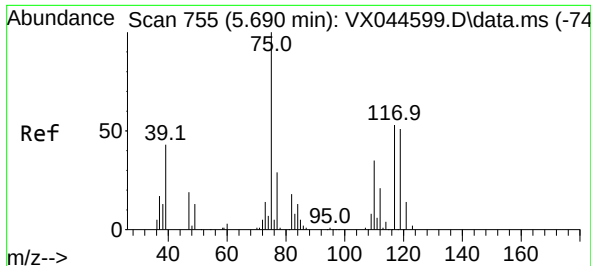
Tgt Ion:114 Resp: 318982
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.453 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

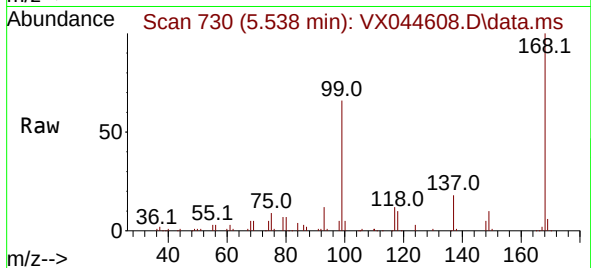
Tgt Ion:113 Resp: 103794
Ion Ratio Lower Upper
113 100
111 103.8 83.3 124.9
192 17.7 14.3 21.5



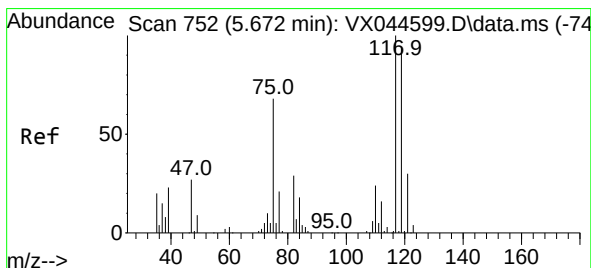
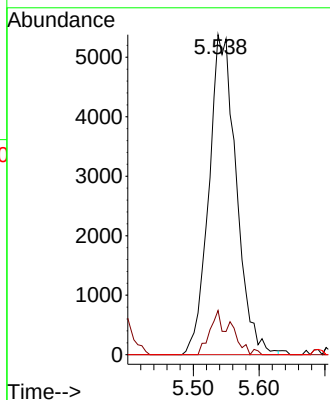
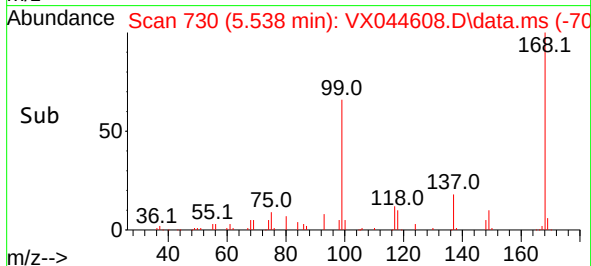


#36
1,1-Dichloropropene
Concen: 5.510 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

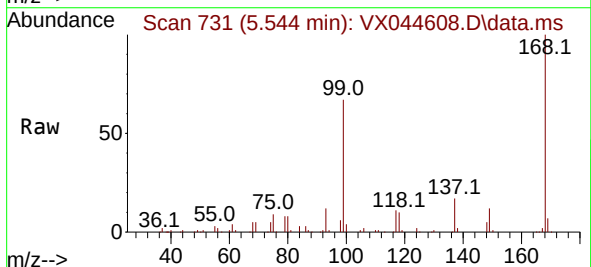
Instrument :
MSVOA_X
ClientSampleId :



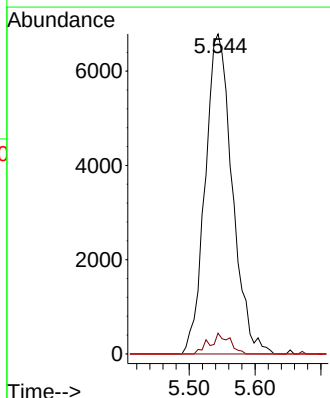
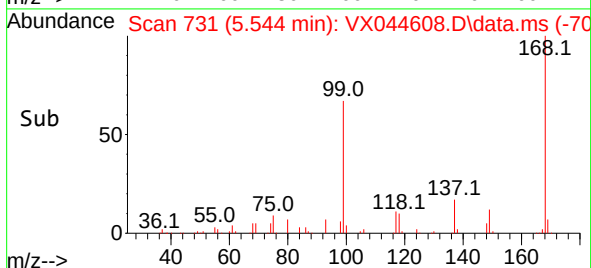
Tgt Ion: 75 Resp: 15584
Ion Ratio Lower Upper
75 100
110 6.8 17.3 51.9#
77 0.0 24.7 37.1#

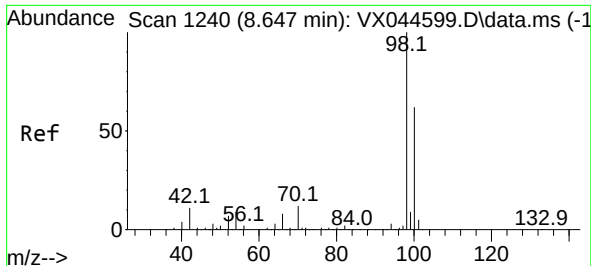


#38
Carbon Tetrachloride
Concen: 6.197 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05



Tgt Ion: 117 Resp: 19446
Ion Ratio Lower Upper
117 100
119 6.5 74.5 111.7#
121 0.0 24.1 36.1#

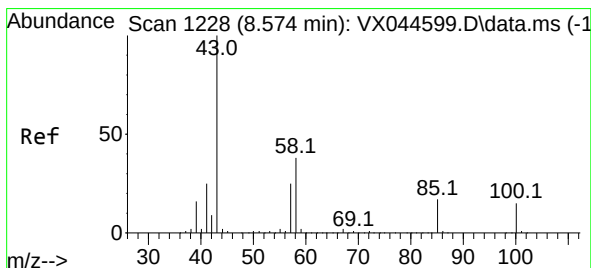
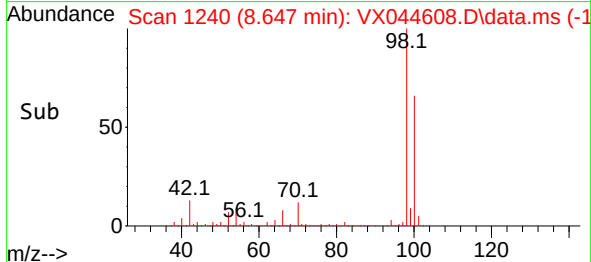
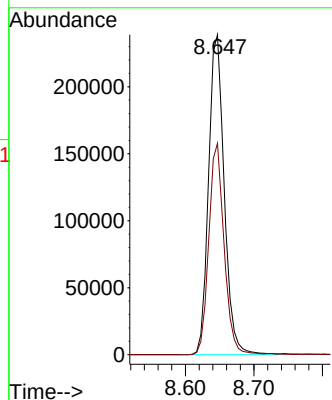
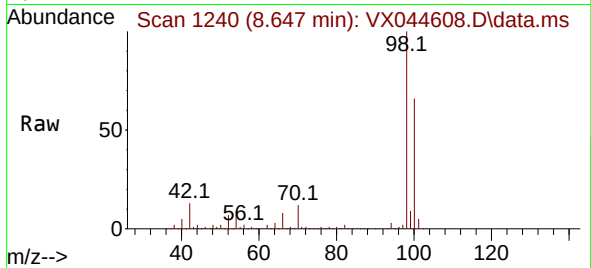




#50
Toluene-d8
Concen: 50.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

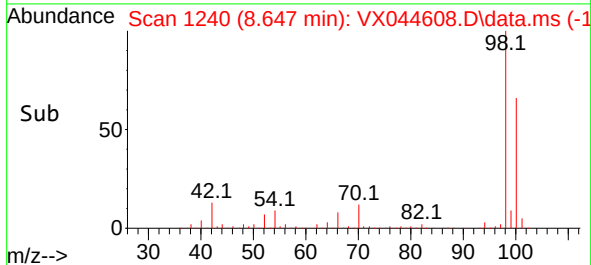
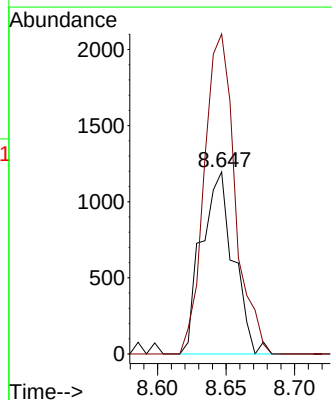
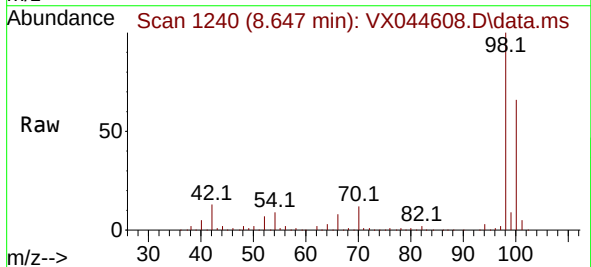
Instrument :
MSVOA_X
ClientSampleId :

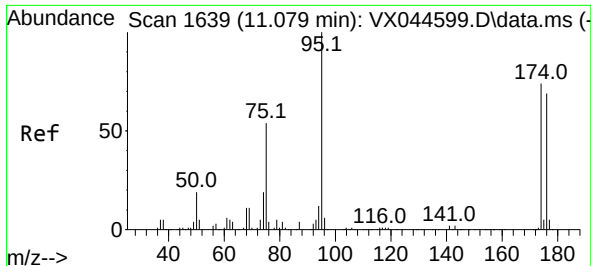
Tgt Ion: 98 Resp: 380100
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.698 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
58 169.3 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 51.795 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

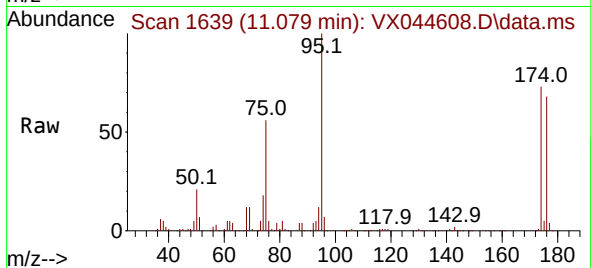
Lab File: VX044608.D

Acq: 07 Jan 2025 18:05

Instrument :

MSVOA_X

ClientSampleId :



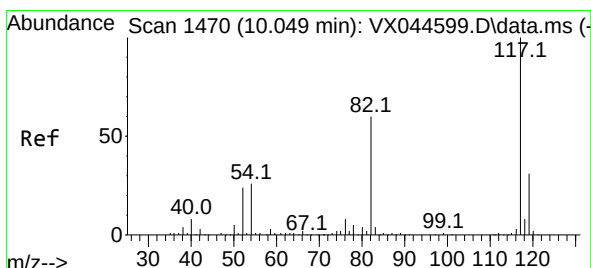
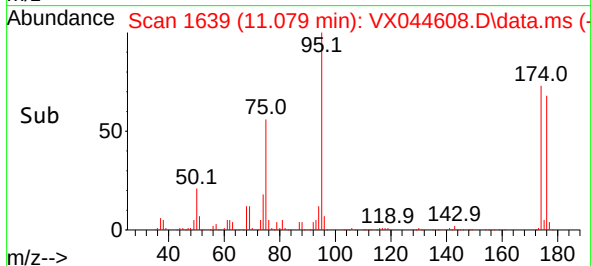
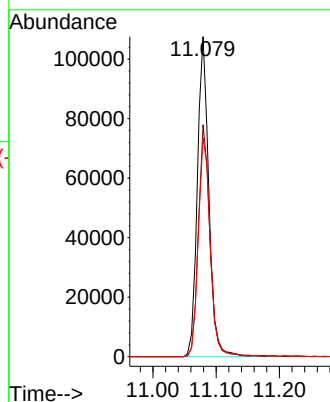
Tgt Ion: 95 Resp: 136590

Ion Ratio Lower Upper

95 100

174 72.6 0.0 148.8

176 70.8 0.0 139.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044608.D

Acq: 07 Jan 2025 18:05

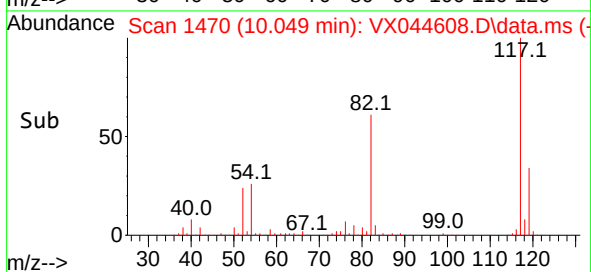
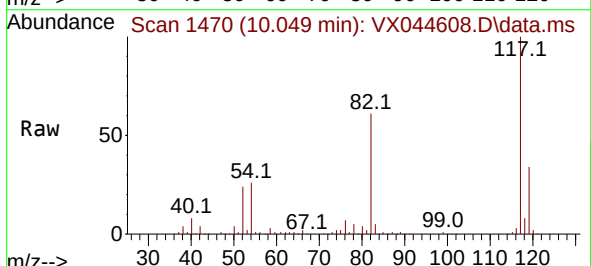
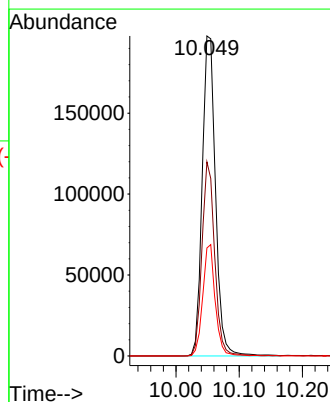
Tgt Ion: 117 Resp: 290099

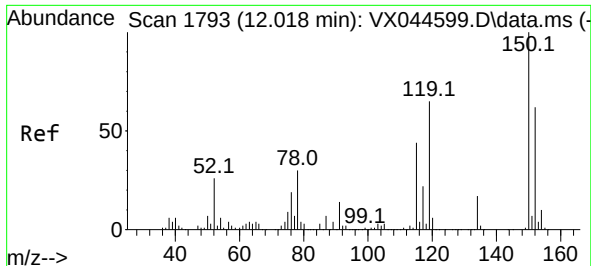
Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.6

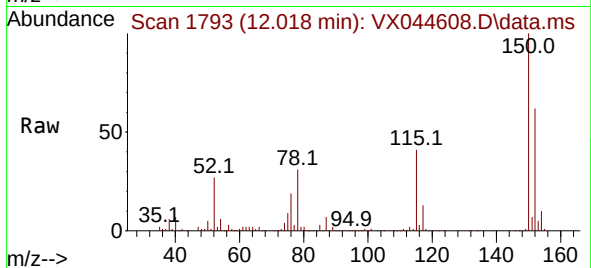
119 33.7 25.0 37.6



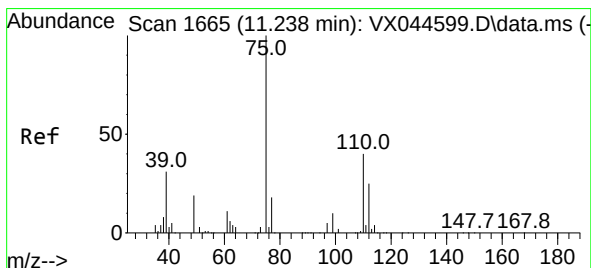
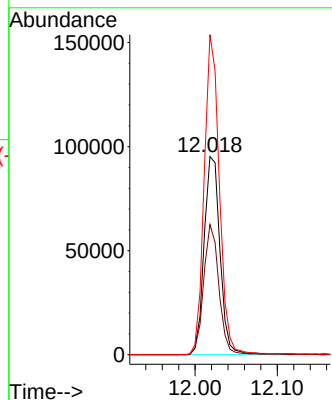
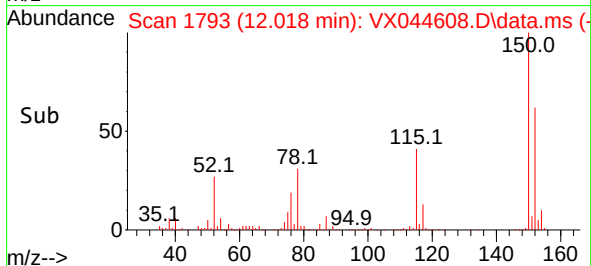


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

Instrument :
MSVOA_X
ClientSampleId :

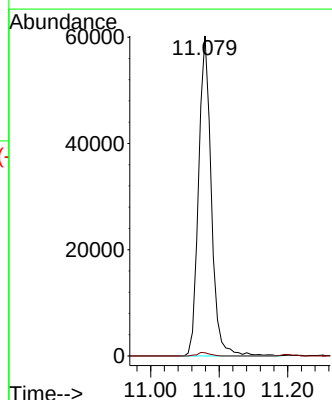
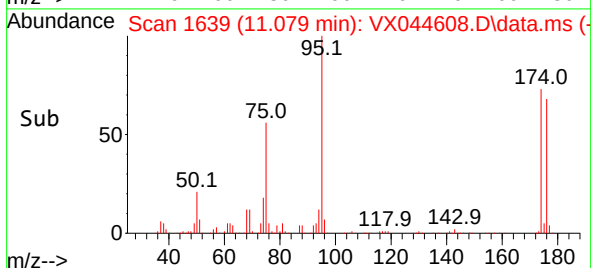
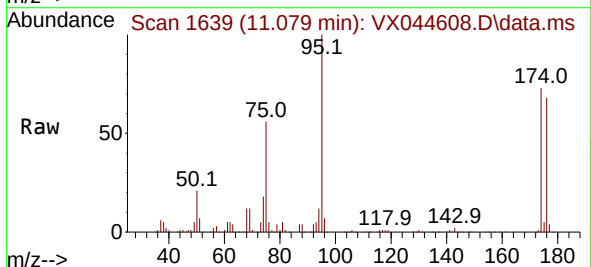


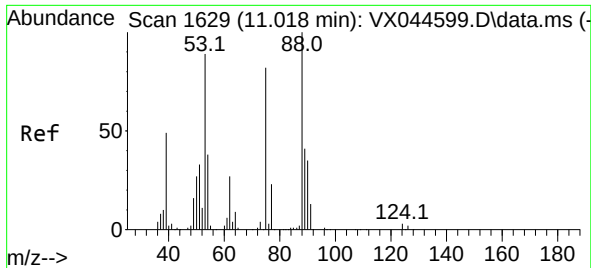
Tgt Ion:152 Resp: 127980
Ion Ratio Lower Upper
152 100
115 63.0 44.4 133.1
150 154.0 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 30.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

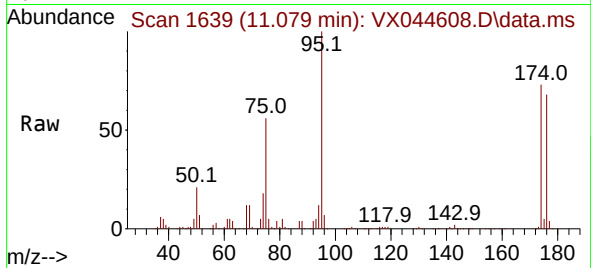
Tgt Ion: 75 Resp: 77908
Ion Ratio Lower Upper
75 100
77 1.1 21.1 63.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.439 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044608.D
Acq: 07 Jan 2025 18:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 77908
Ion Ratio Lower Upper
75 100
53 0.0 92.7 139.1#
89 0.2 38.3 57.5#

