

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044733.D
 Acq On : 27 Jan 2025 18:46
 Operator : JC/MD
 Sample : Q1180-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jan 28 04:17:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

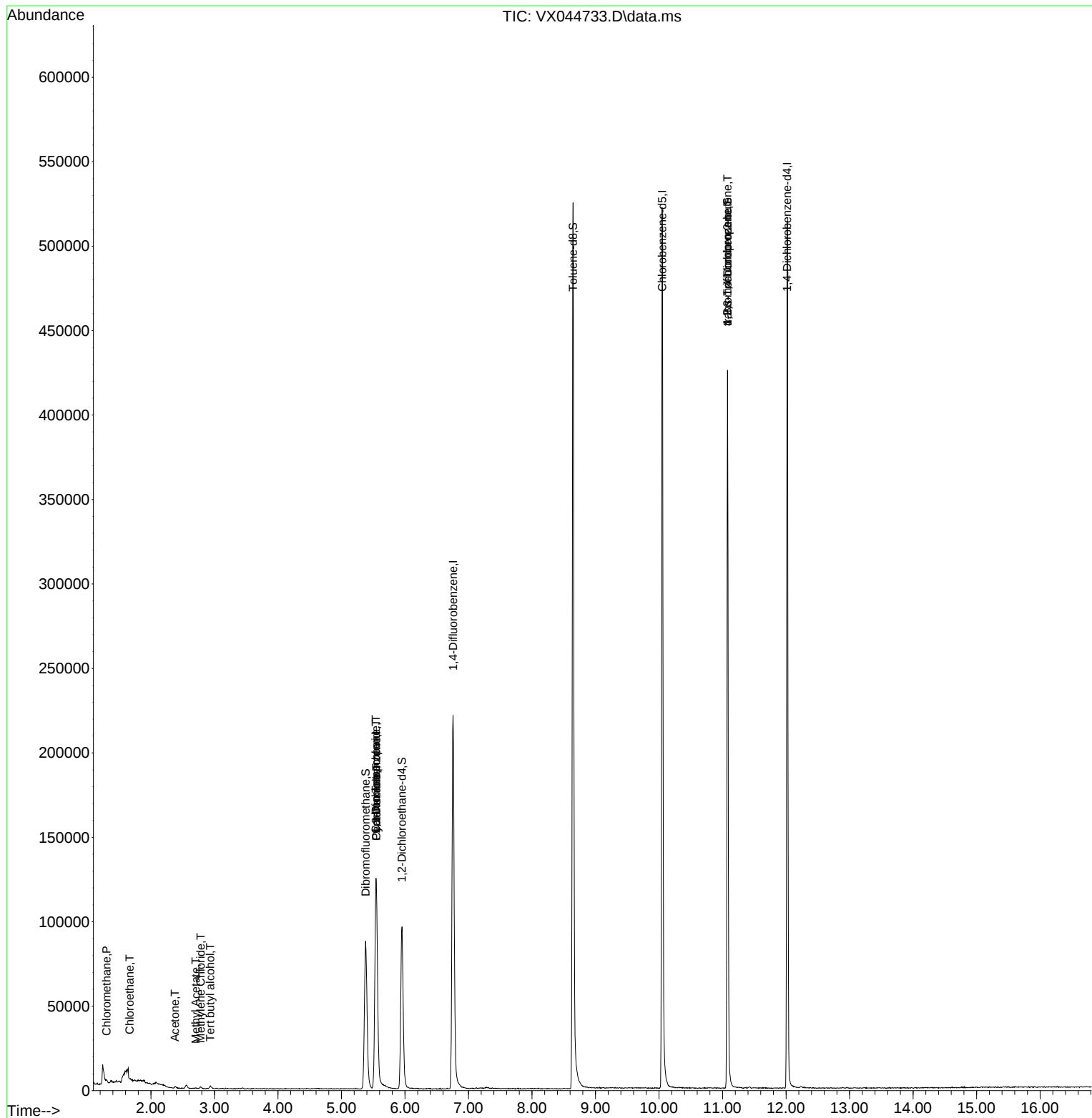
Internal Standards						
1) Pentafluorobenzene	5.550	168	117704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	251635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99433	55.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.940%
35) Dibromofluoromethane	5.379	113	76050	52.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	8.647	98	342511	67.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	134.800%#
62) 4-Bromofluorobenzene	11.079	95	121838	64.313	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	128.620%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1613	0.942	ug/l	95
6) Chloroethane	1.666	64	1371	4.418	ug/l #	73
11) Tert butyl alcohol	2.934	59	611	1.543	ug/l #	85
16) Acetone	2.380	43	1404	1.997	ug/l	92
18) Methyl Acetate	2.703	43	673	0.310	ug/l #	50
20) Methylene Chloride	2.782	84	474	0.290	ug/l #	68
31) Cyclohexane	5.550	56	2856	1.277	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	10249	5.052	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13265	5.813	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	60342	23.577	ug/l #	31
81) trans-1,4-Dichloro-2-b...	11.079	75	60342	53.918	ug/l #	12

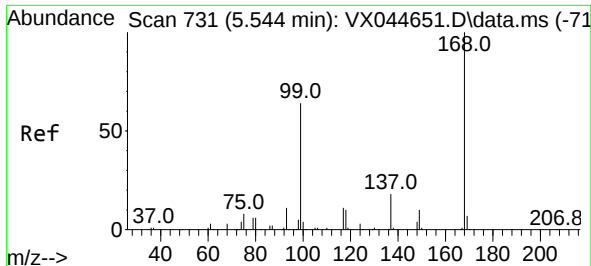
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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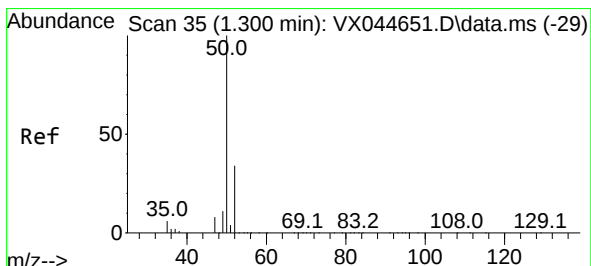
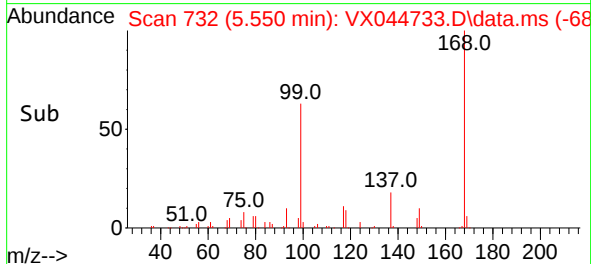
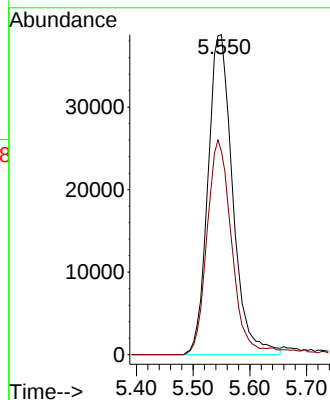
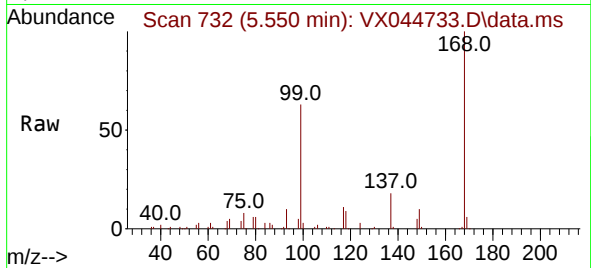




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

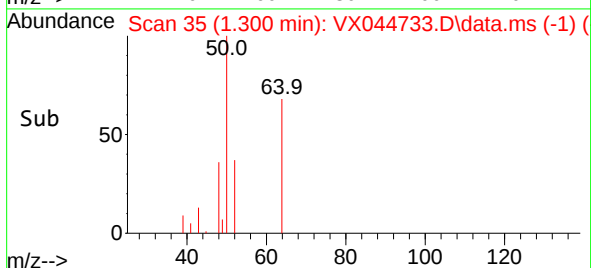
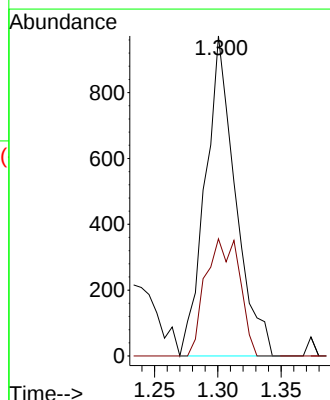
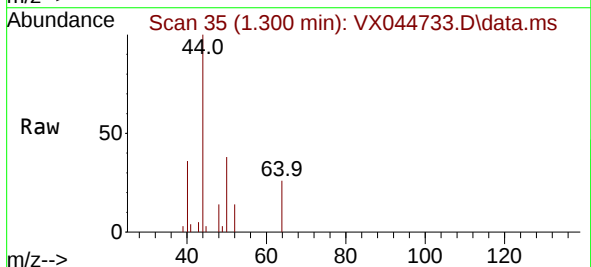
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

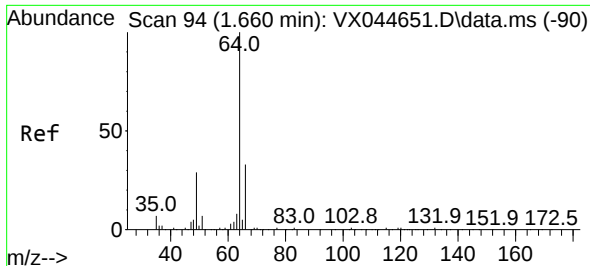
Tgt Ion:168 Resp: 117704
Ion Ratio Lower Upper
168 100
99 63.4 51.1 76.7



#3
Chloromethane
Concen: 0.942 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Tgt Ion: 50 Resp: 1613
Ion Ratio Lower Upper
50 100
52 36.6 27.0 40.4

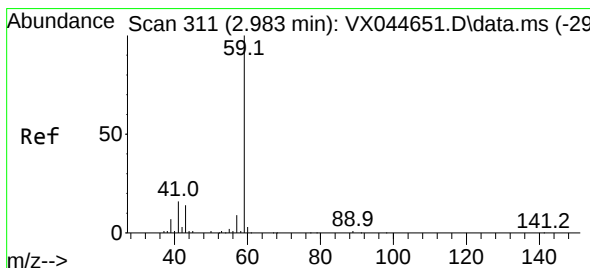
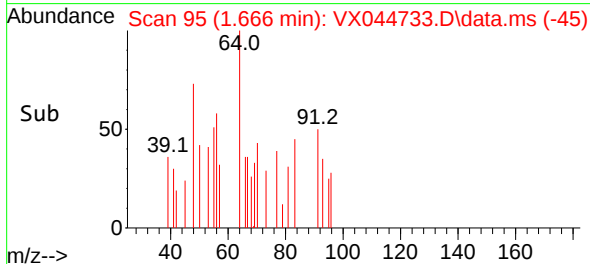
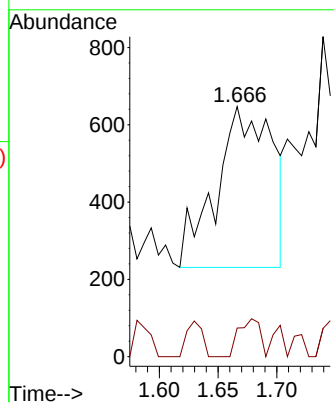
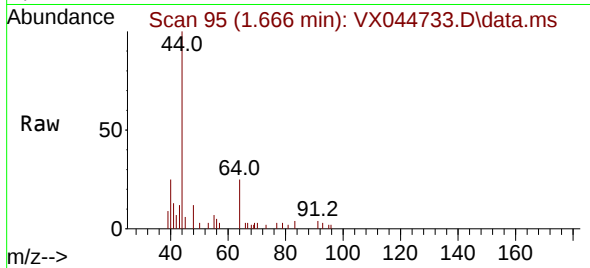




#6
Chloroethane
Concen: 4.418 ug/l
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

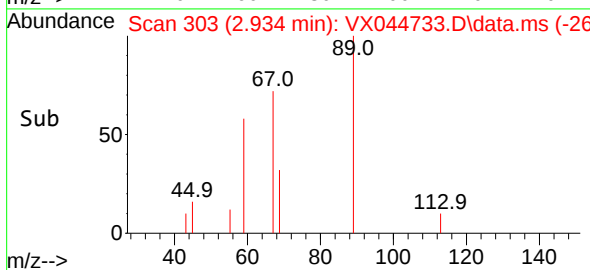
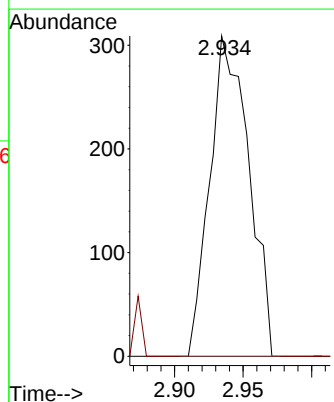
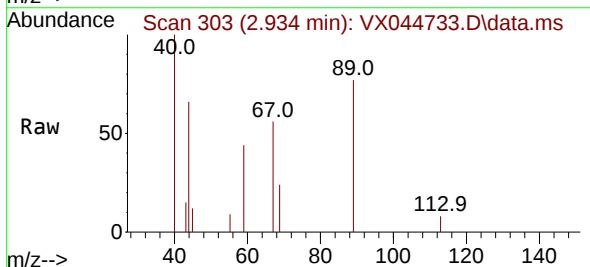
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

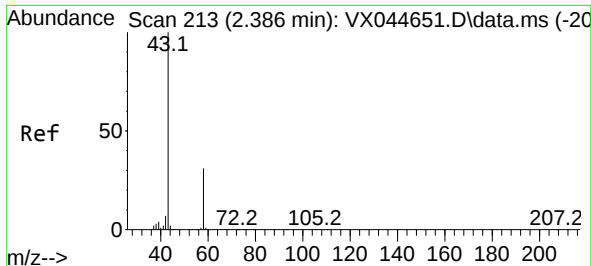
Tgt Ion: 64 Resp: 1371
Ion Ratio Lower Upper
64 100
66 17.8 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.543 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#

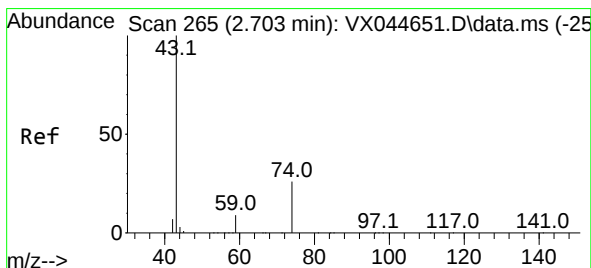
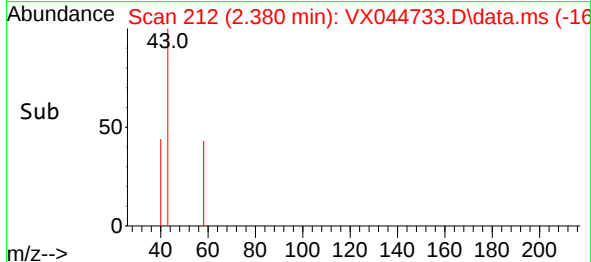
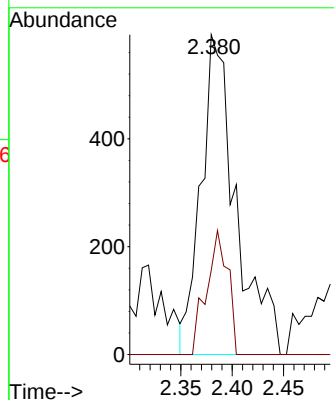
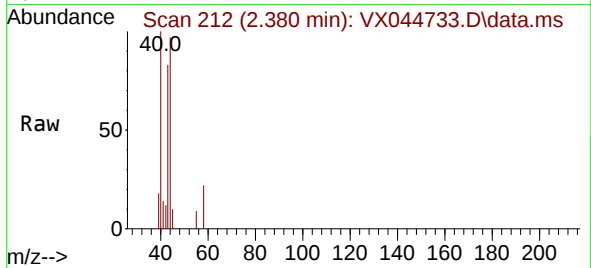




#16
Acetone
Concen: 1.997 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

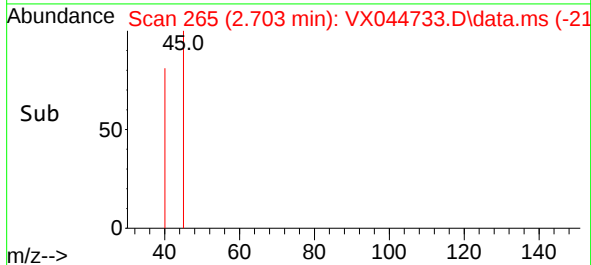
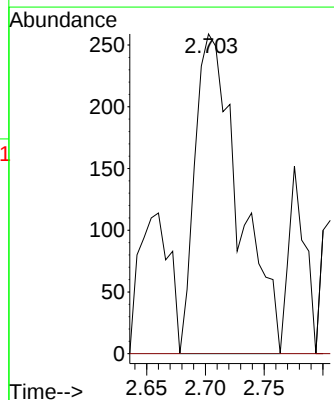
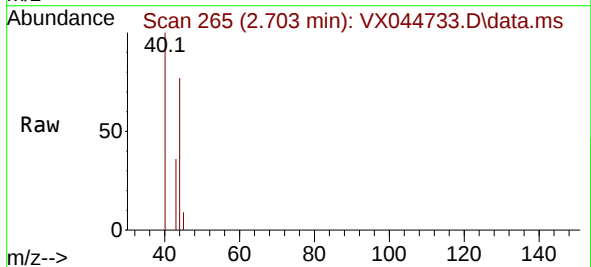
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

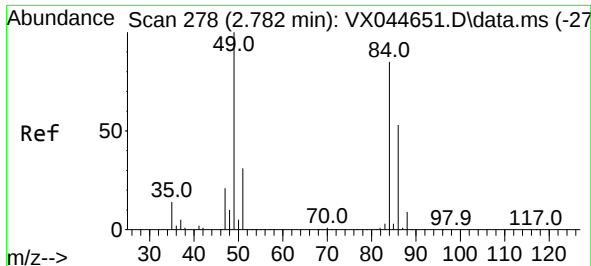
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 26.3 24.6 37.0



#18
Methyl Acetate
Concen: 0.310 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#

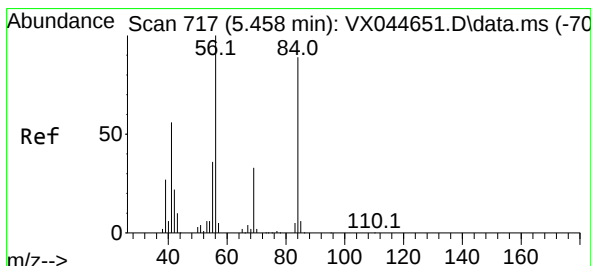
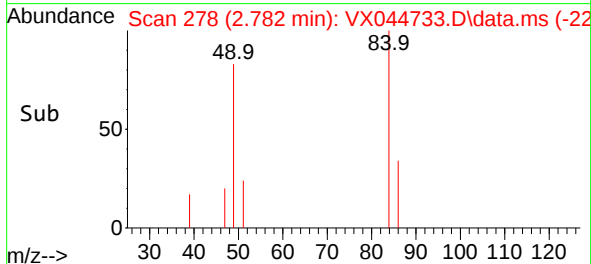
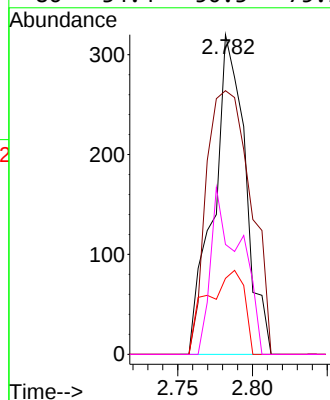
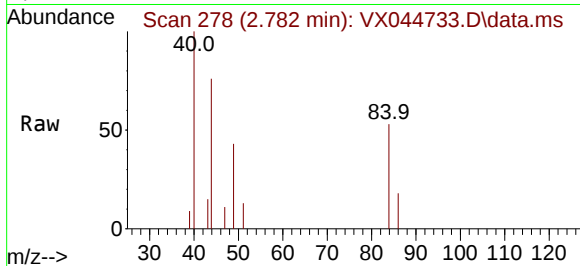




#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

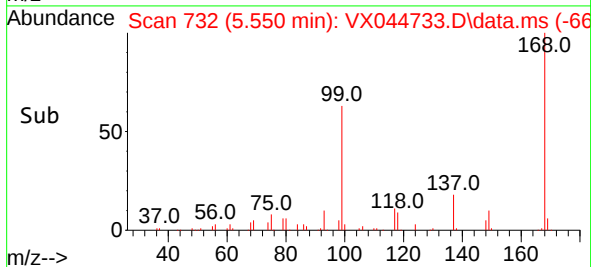
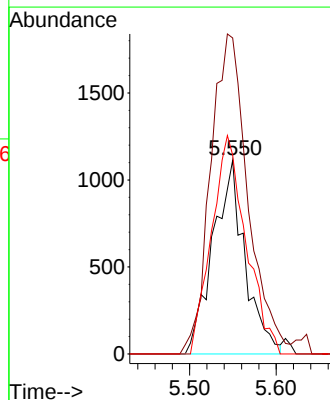
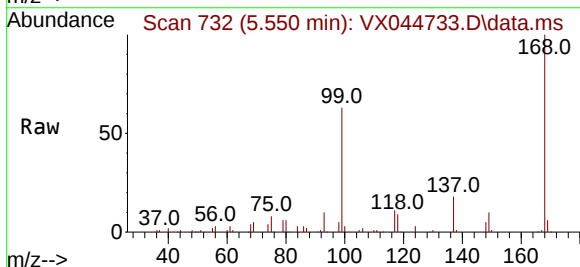
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

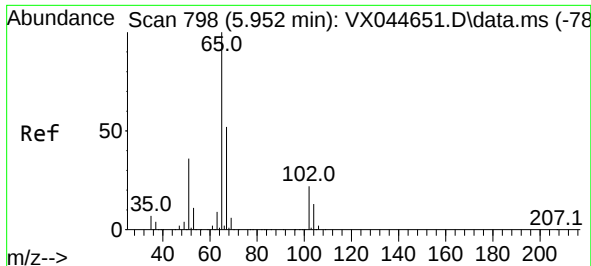
Tgt Ion:	84	Resp:	474
Ion	Ratio	Lower	Upper
84	100		
49	82.5	94.2	141.4#
51	23.8	28.8	43.2#
86	34.4	50.3	75.5#



#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Tgt Ion:	56	Resp:	2856
Ion	Ratio	Lower	Upper
56	100		
69	163.0	26.8	40.2#
84	102.6	71.0	106.4

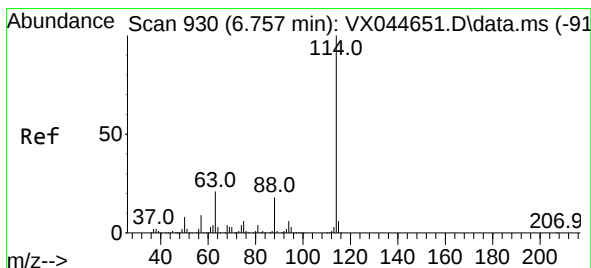
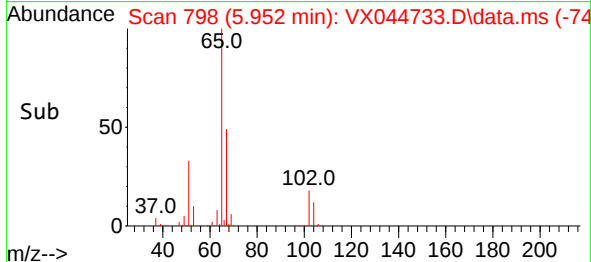
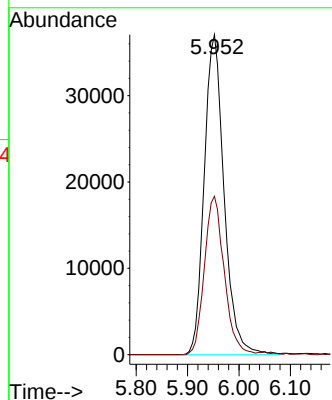
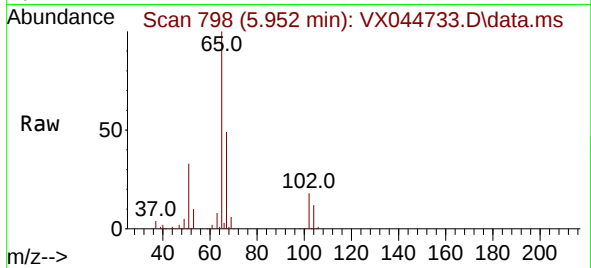




#33
 1,2-Dichloroethane-d4
 Concen: 55.966 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX044733.D
 Acq: 27 Jan 2025 18:46

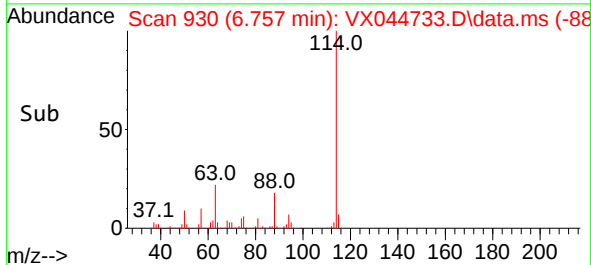
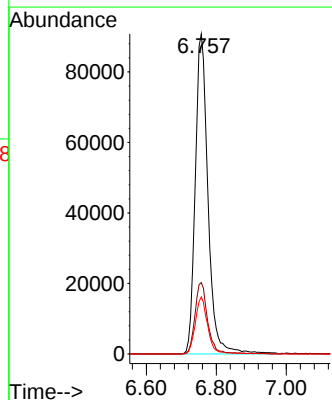
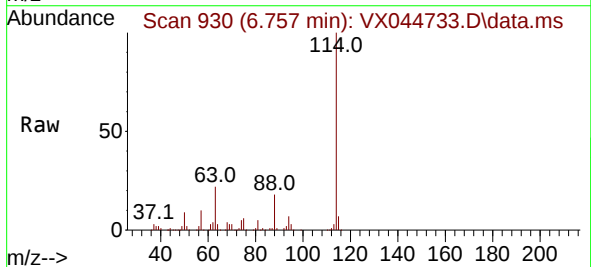
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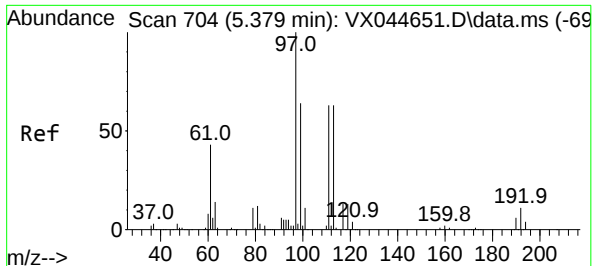
Tgt Ion: 65 Resp: 99433
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044733.D
 Acq: 27 Jan 2025 18:46

Tgt Ion: 114 Resp: 229417
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.0
 88 17.9 0.0 35.4

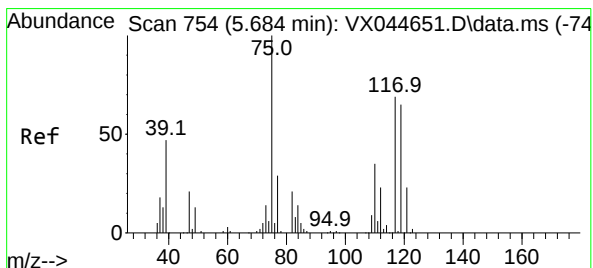
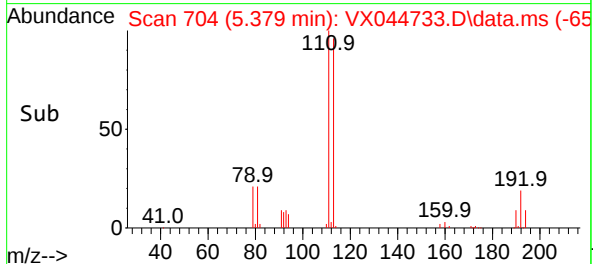
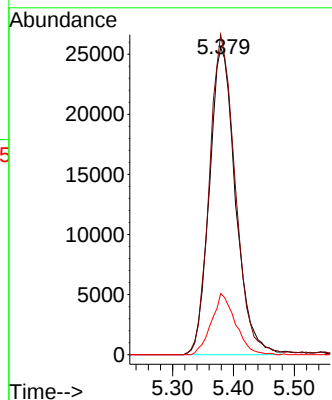
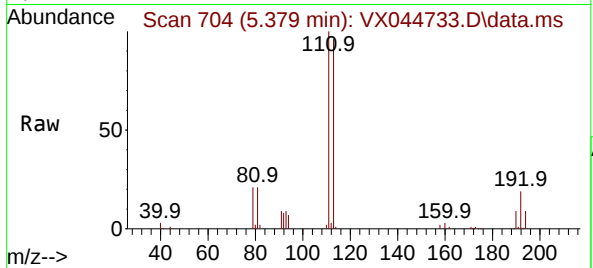




#35
Dibromofluoromethane
Concen: 52.180 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

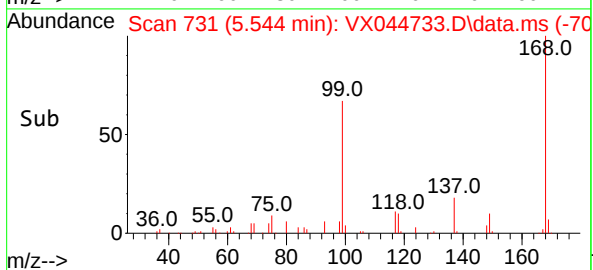
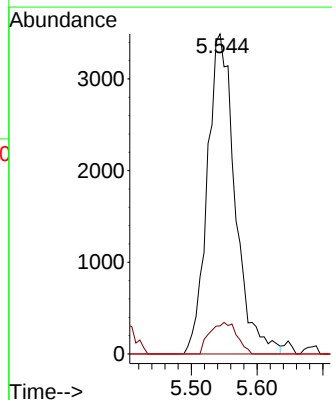
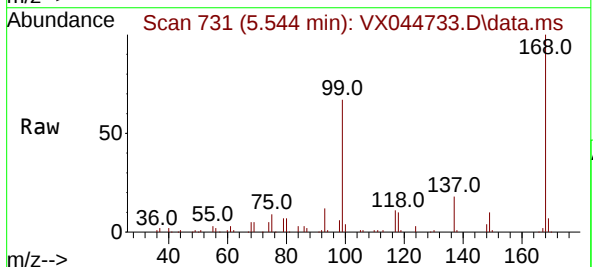
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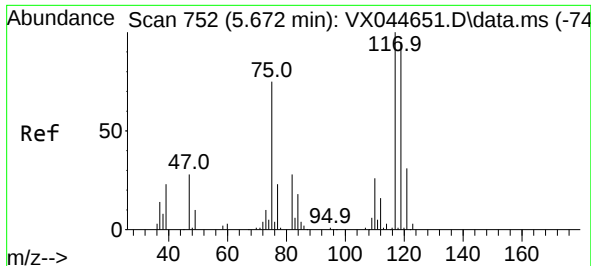
Tgt Ion:113 Resp: 76050
Ion Ratio Lower Upper
113 100
111 103.3 81.6 122.4
192 18.3 14.4 21.6



#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

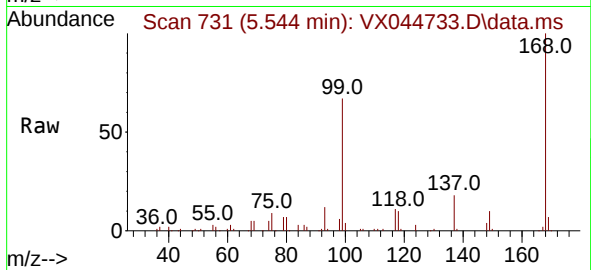
Tgt Ion: 75 Resp: 10249
Ion Ratio Lower Upper
75 100
110 9.7 17.9 53.8#
77 0.0 24.5 36.7#



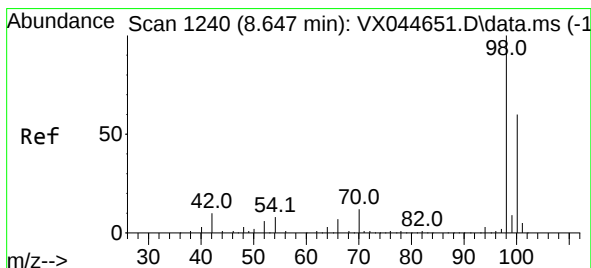
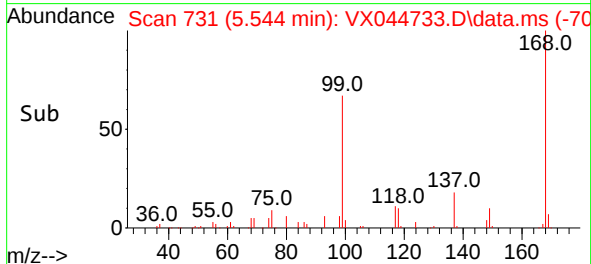
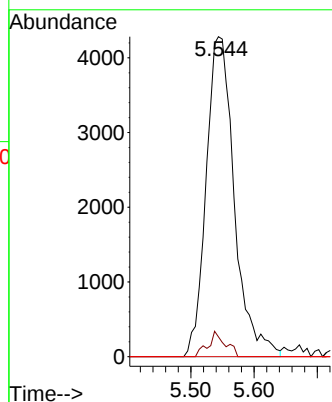


#38
Carbon Tetrachloride
Concen: 5.813 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Instrument :
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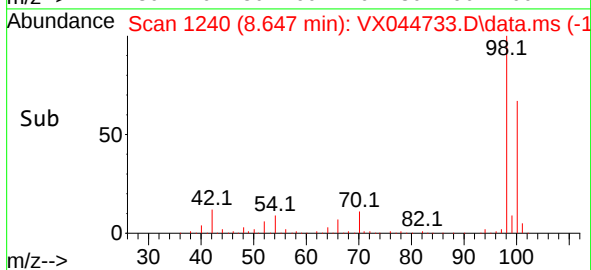
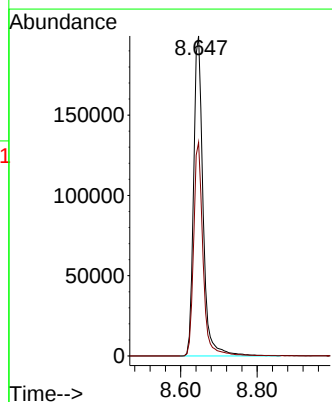
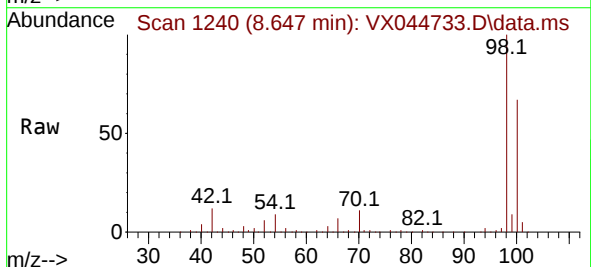


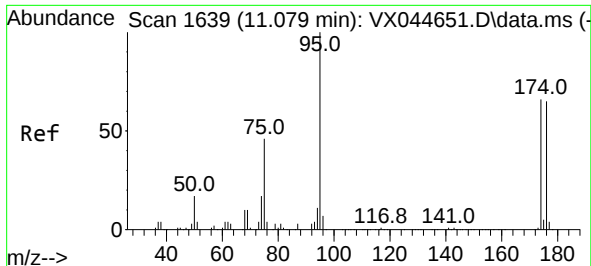
Tgt Ion:117 Resp: 13265
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 67.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Tgt Ion: 98 Resp: 342511
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 64.313 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044733.D

Acq: 27 Jan 2025 18:46

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

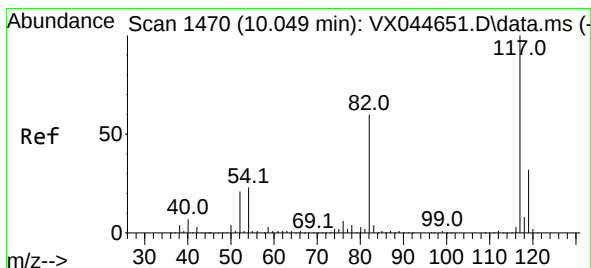
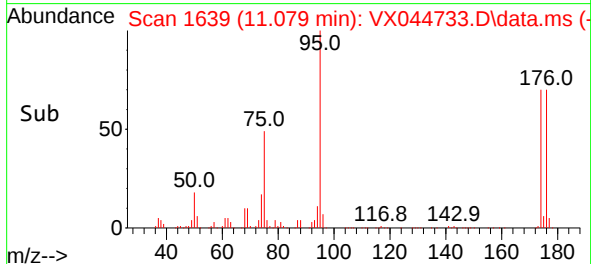
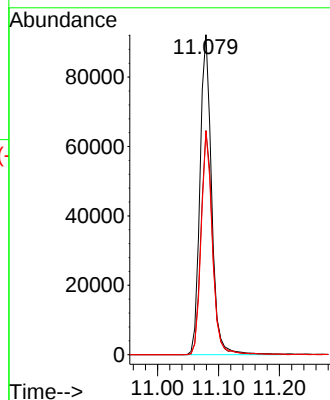
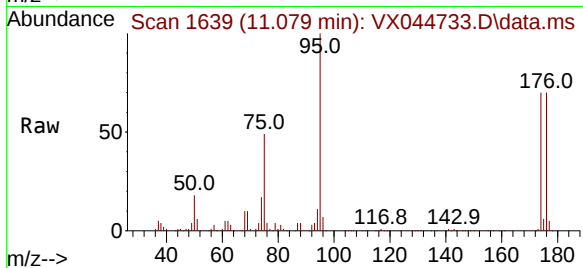
Tgt Ion: 95 Resp: 121838

Ion Ratio Lower Upper

95 100

174 70.1 0.0 133.0

176 67.7 0.0 129.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044733.D

Acq: 27 Jan 2025 18:46

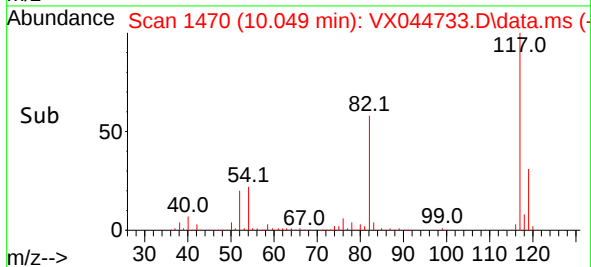
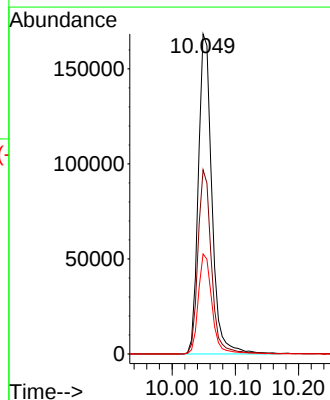
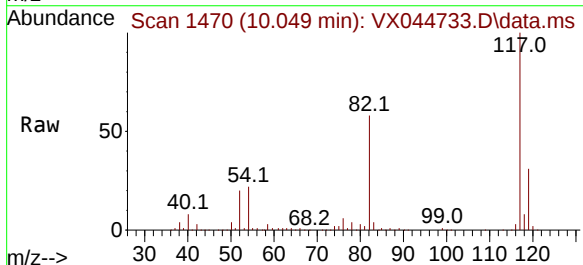
Tgt Ion: 117 Resp: 251635

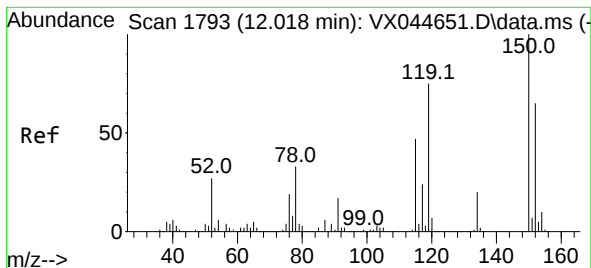
Ion Ratio Lower Upper

117 100

82 57.6 47.6 71.4

119 31.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044733.D

Acq: 27 Jan 2025 18:46

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

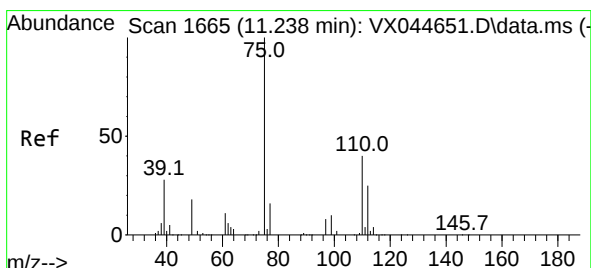
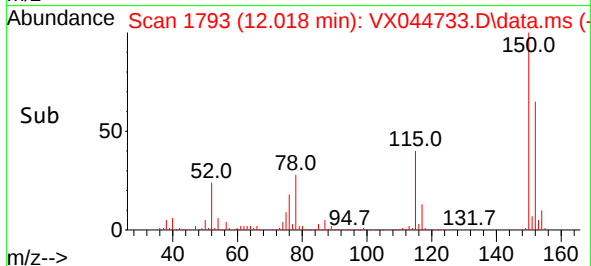
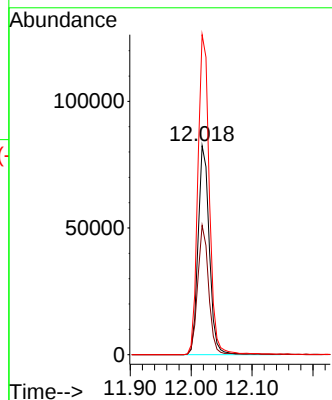
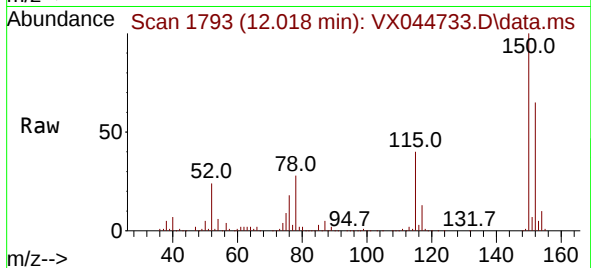
Tgt Ion:152 Resp: 105458

Ion Ratio Lower Upper

152 100

115 60.5 43.8 131.4

150 156.9 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 23.577 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044733.D

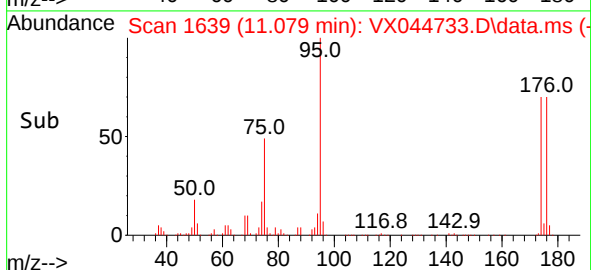
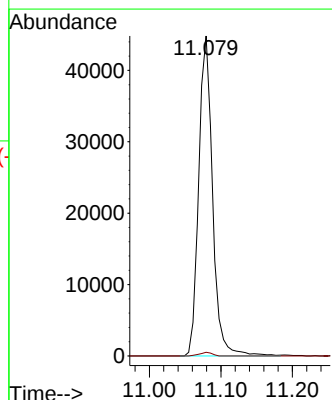
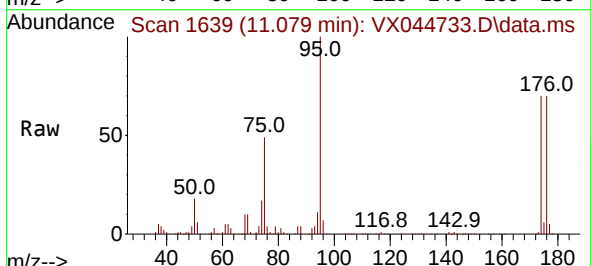
Acq: 27 Jan 2025 18:46

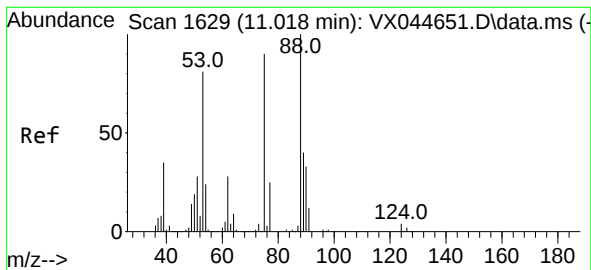
Tgt Ion: 75 Resp: 60342

Ion Ratio Lower Upper

75 100

77 1.0 23.4 70.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 53.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 60342
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#

