

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044458.D
 Acq On : 20 Dec 2024 17:30
 Operator : JC/MD
 Sample : P5280-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 22:29:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

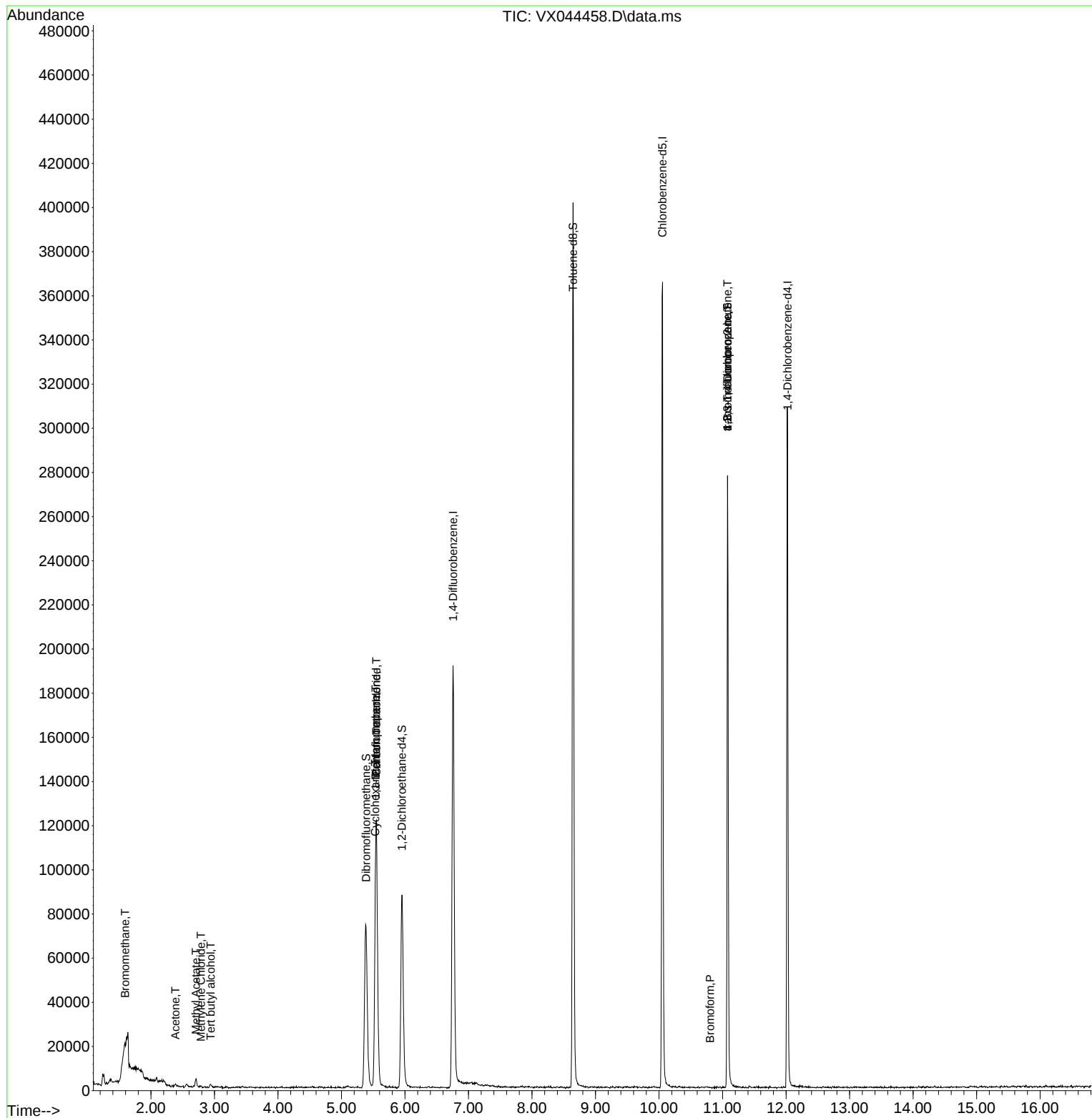
Internal Standards						
1) Pentafluorobenzene	5.544	168	114054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85210	42.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.220%
35) Dibromofluoromethane	5.385	113	65619	48.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	8.647	98	233939	51.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.580%
62) 4-Bromofluorobenzene	11.079	95	70521	44.246	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	539	0.432	ug/l #	62
11) Tert butyl alcohol	2.941	59	482	1.710	ug/l #	71
16) Acetone	2.386	43	1286	1.577	ug/l #	77
18) Methyl Acetate	2.709	43	4129	1.964	ug/l #	90
20) Methylene Chloride	2.788	84	389	0.254	ug/l #	51
31) Cyclohexane	5.532	56	1415	0.656	ug/l #	56
36) 1,1-Dichloropropene	5.538	75	9762	5.586	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12508	6.648	ug/l #	17
71) Bromoform	10.805	173	44	1.289	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	38331	26.240	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38331	72.379	ug/l #	4

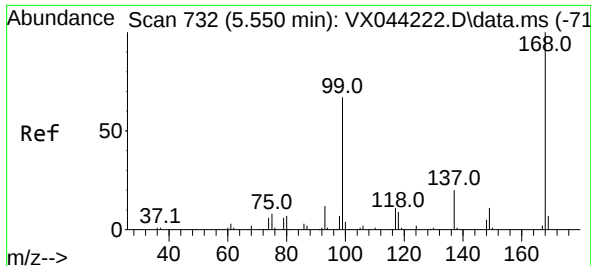
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

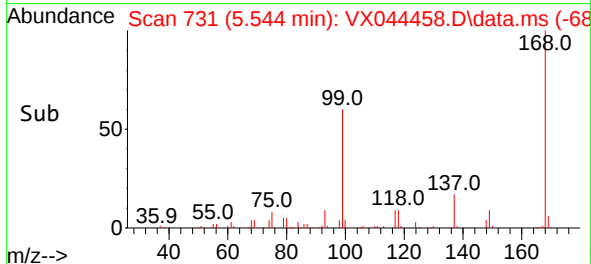
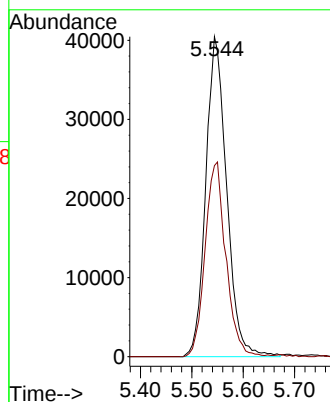
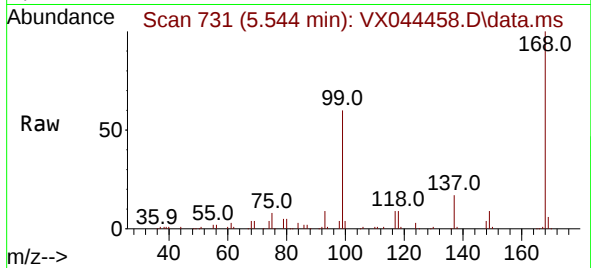




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

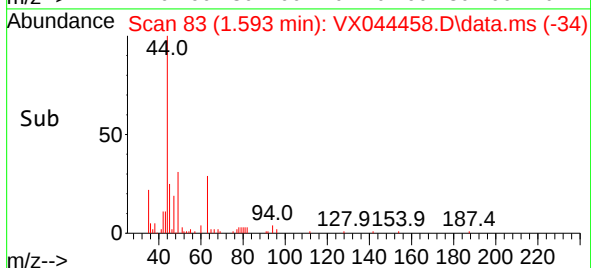
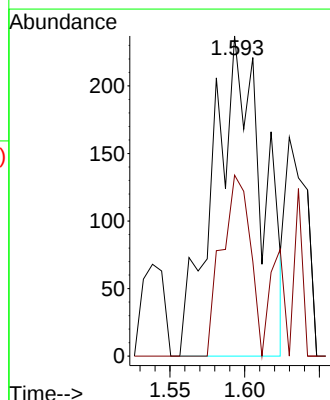
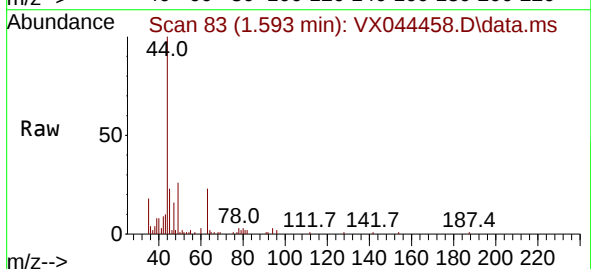
Instrument :
MSVOA_X
ClientSampleId :

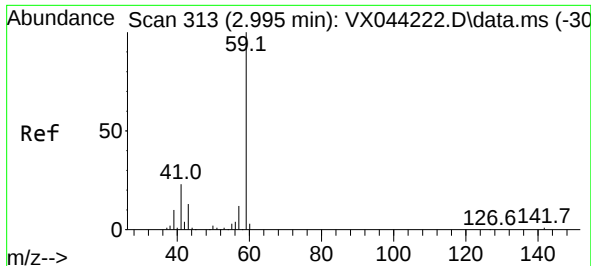
Tgt Ion:168 Resp: 114054
Ion Ratio Lower Upper
168 100
99 59.7 53.4 80.0



#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 56.5 74.9 112.3#

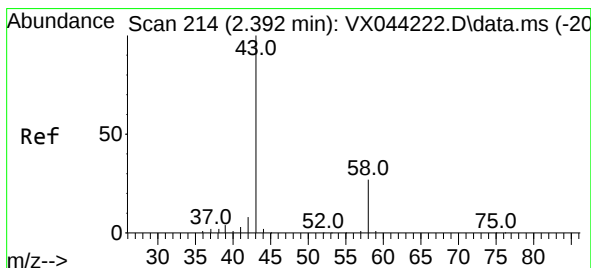
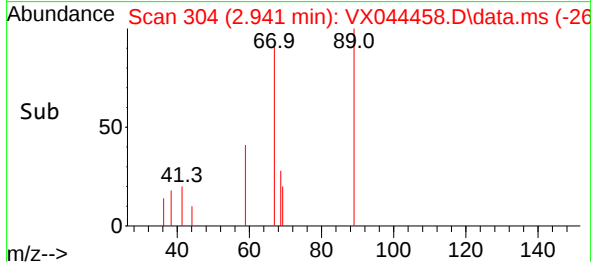
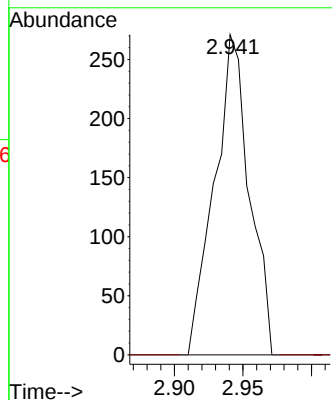
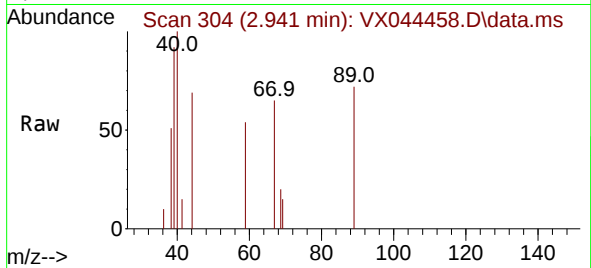




#11
Tert butyl alcohol
Concen: 1.710 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

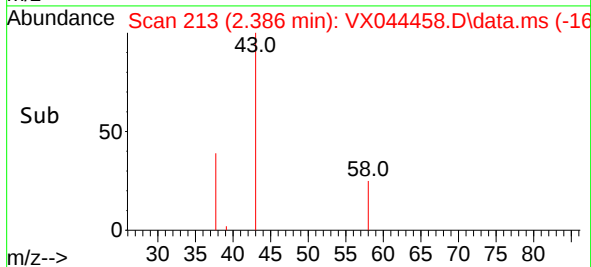
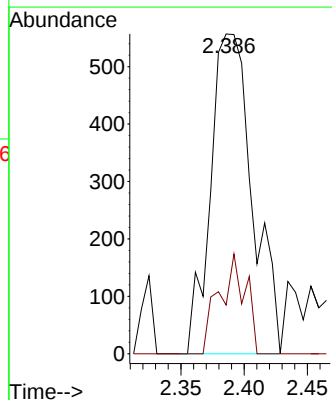
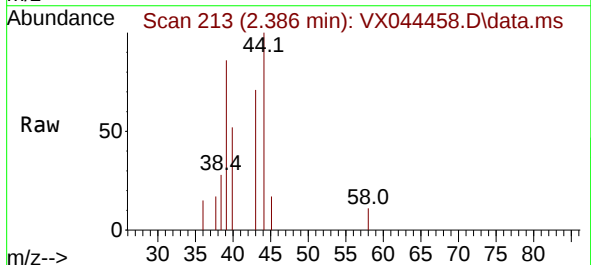
Instrument :
MSVOA_X
ClientSampleId :

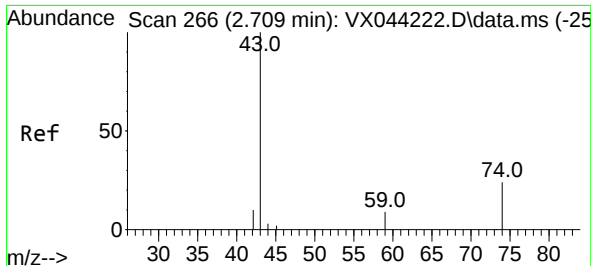
Tgt Ion: 59 Resp: 482
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.577 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 15.3 21.6 32.4#

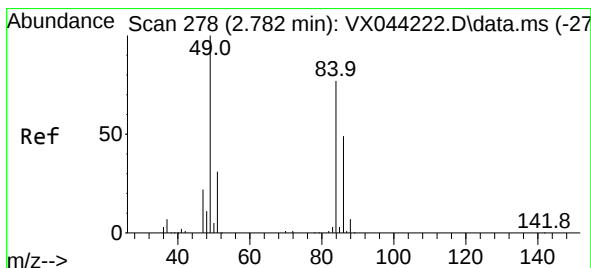
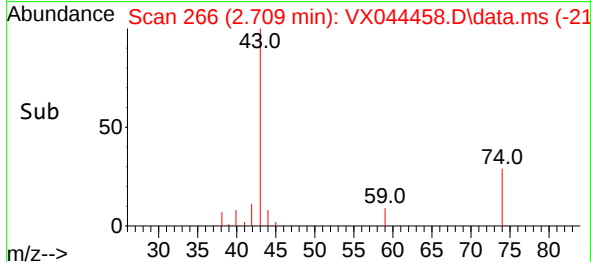
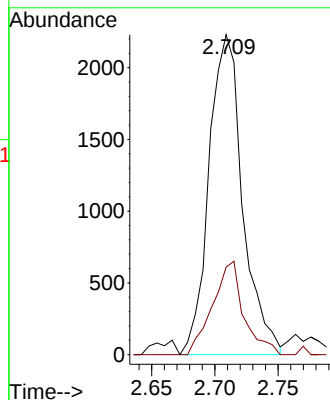
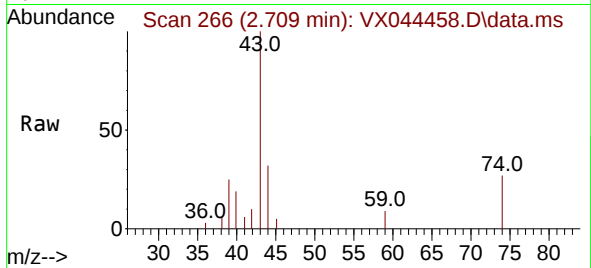




#18
Methyl Acetate
Concen: 1.964 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

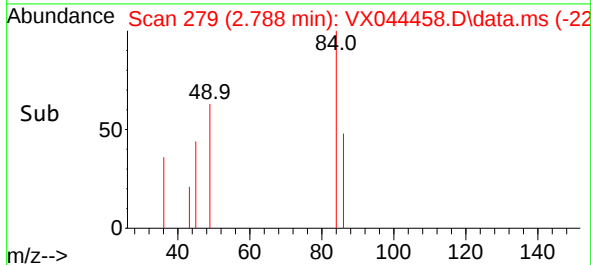
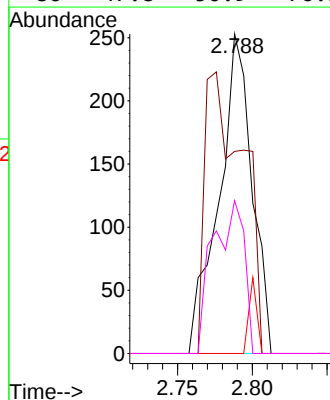
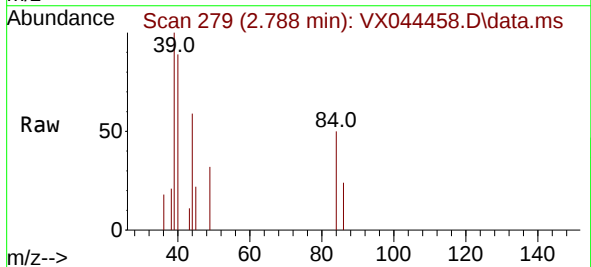
Instrument :
MSVOA_X
ClientSampleId :

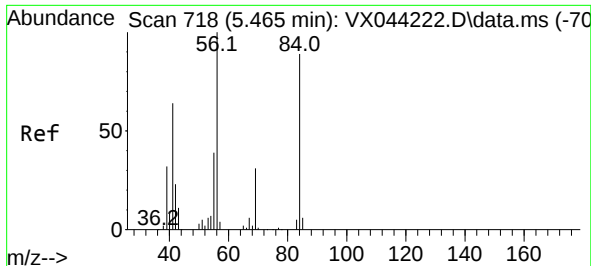
Tgt Ion: 43 Resp: 4129
Ion Ratio Lower Upper
43 100
74 27.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

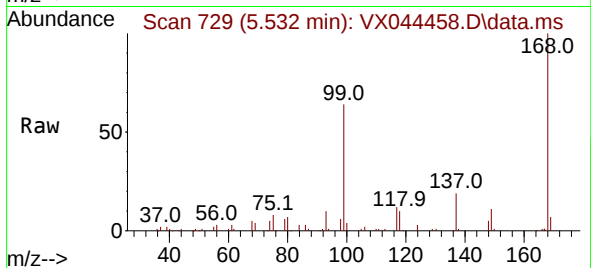
Tgt Ion: 84 Resp: 389
Ion Ratio Lower Upper
84 100
49 63.2 104.2 156.4#
51 0.0 32.2 48.4#
86 47.8 50.9 76.3#



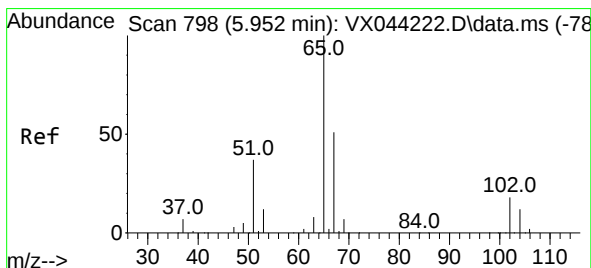
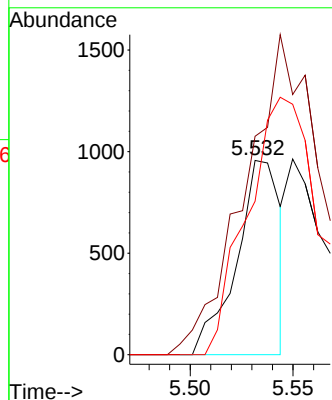
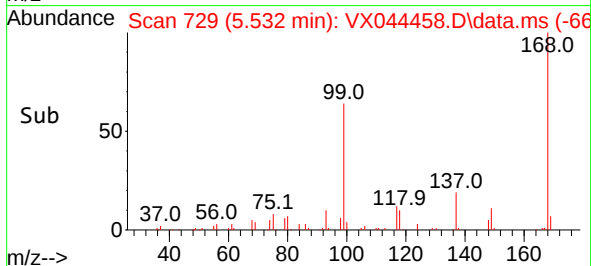


#31
Cyclohexane
Concen: 0.656 ug/l
RT: 5.532 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :

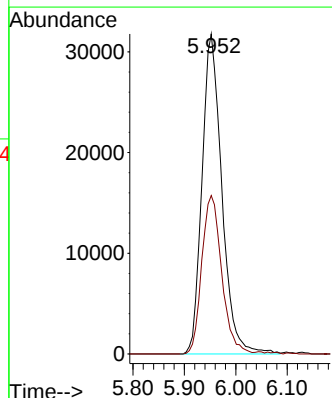
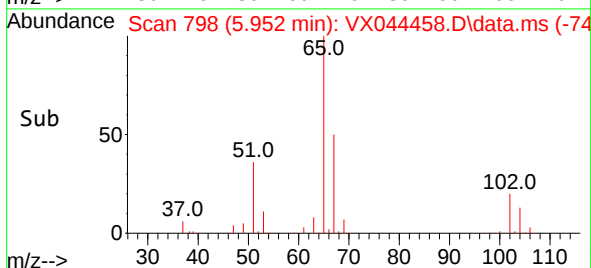
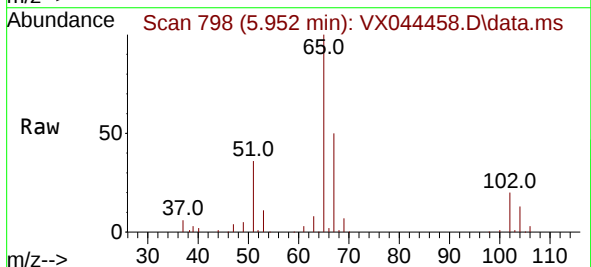


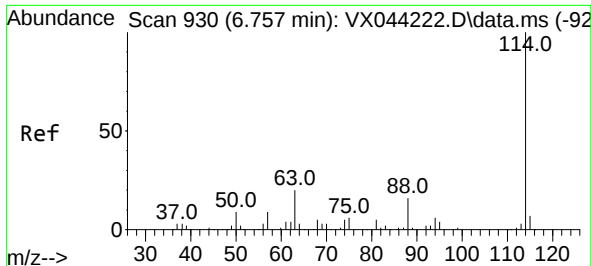
Tgt Ion: 56 Resp: 1415
Ion Ratio Lower Upper
56 100
69 107.0 24.7 37.1#
84 79.0 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 42.611 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

Tgt Ion: 65 Resp: 85210
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.6

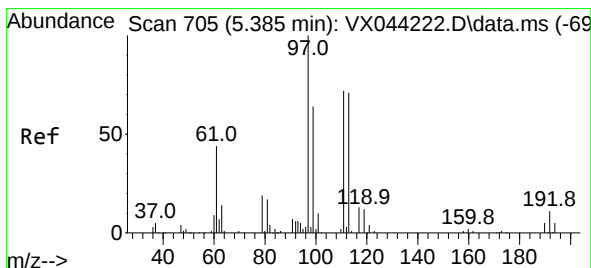
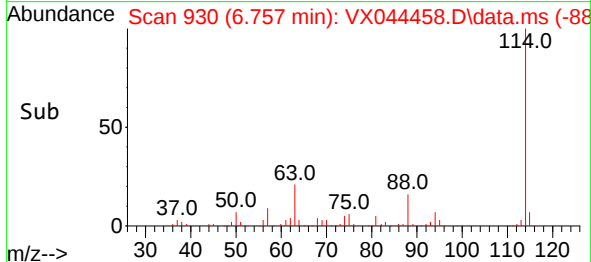
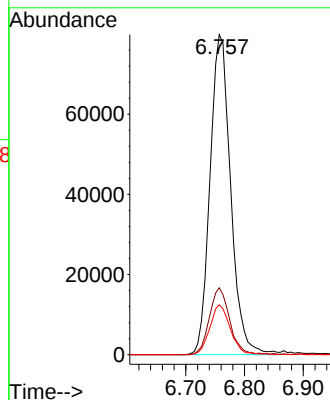
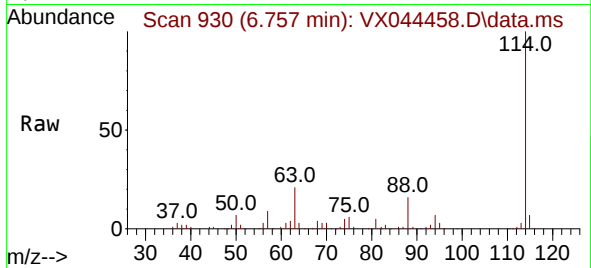




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

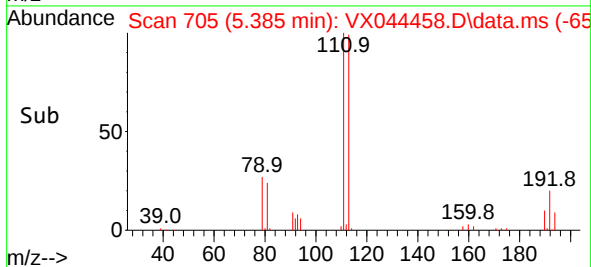
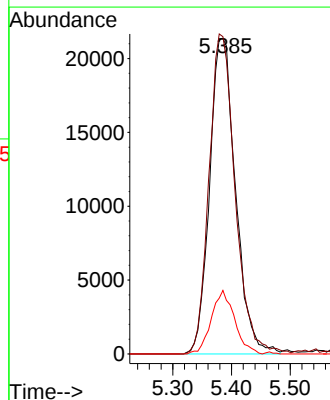
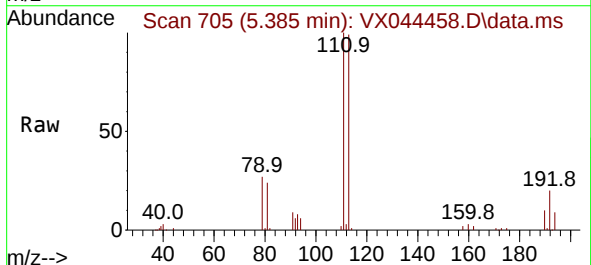
Instrument :
MSVOA_X
ClientSampleId :

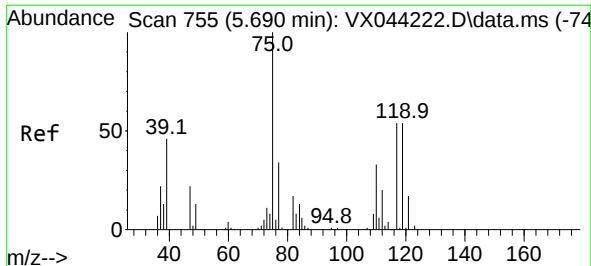
Tgt Ion:114 Resp: 195214
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.6
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.534 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

Tgt Ion:113 Resp: 65619
Ion Ratio Lower Upper
113 100
111 101.6 80.4 120.6
192 18.0 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.586 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.152 min

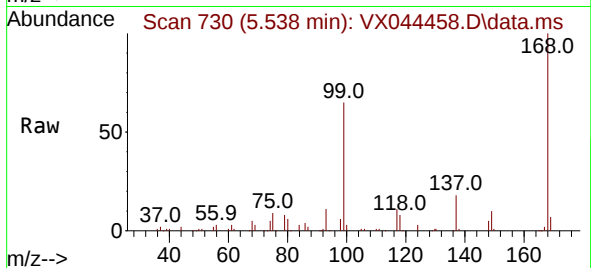
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Acq: 20 Dec 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :



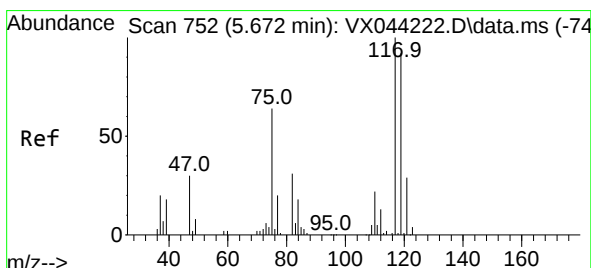
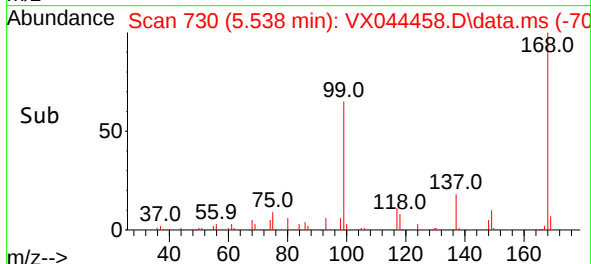
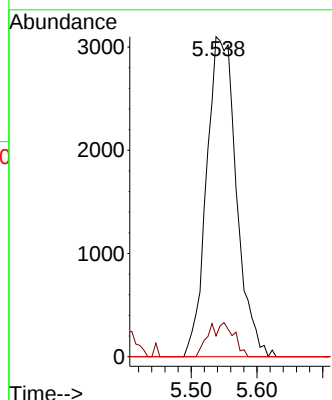
Tgt Ion: 75 Resp: 9762

Ion Ratio Lower Upper

75 100

110 9.0 17.3 51.7#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.648 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX044458.D

Acq: 20 Dec 2024 17:30

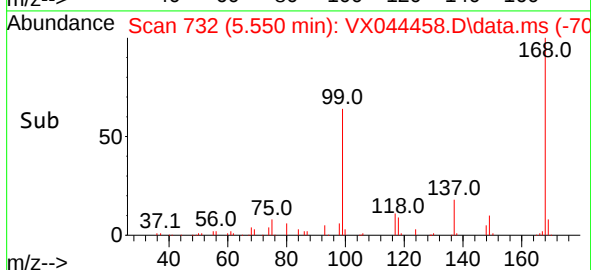
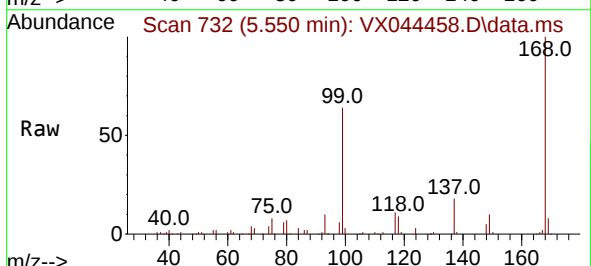
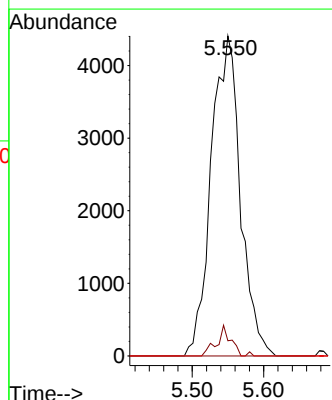
Tgt Ion: 117 Resp: 12508

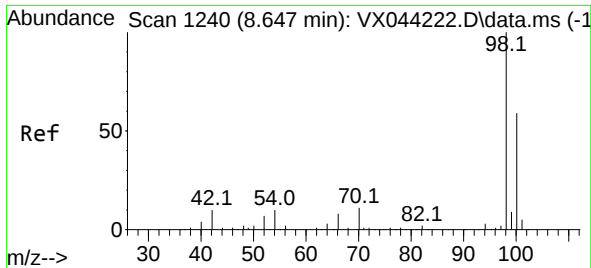
Ion Ratio Lower Upper

117 100

119 4.8 74.2 111.4#

121 0.0 23.0 34.6#

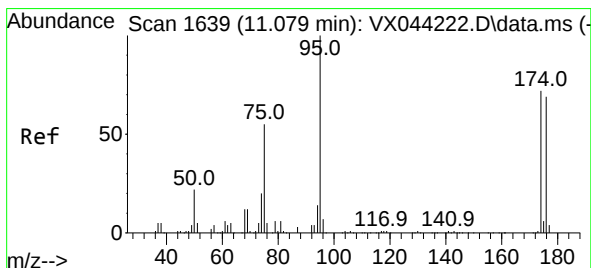
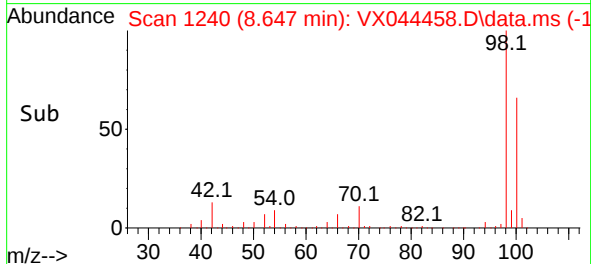
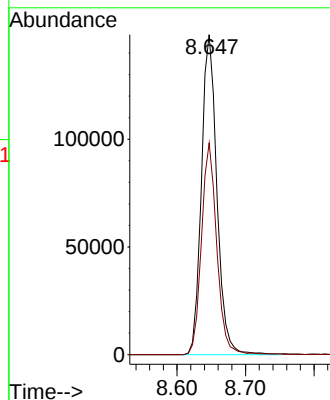
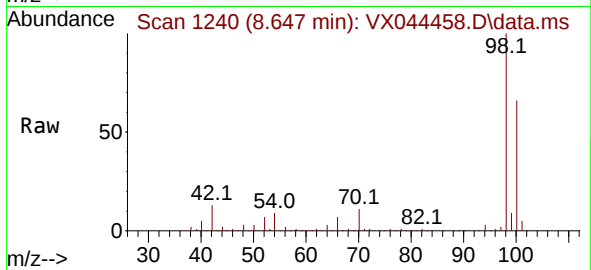




#50
Toluene-d8
Concen: 51.287 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

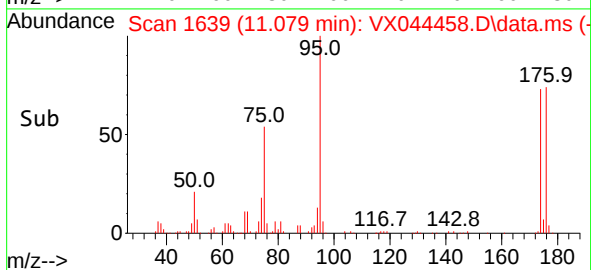
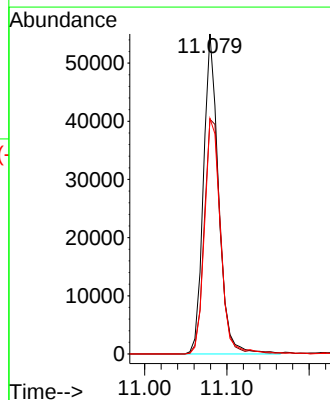
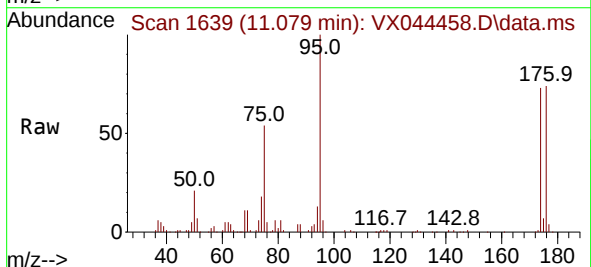
Instrument :
MSVOA_X
ClientSampleId :

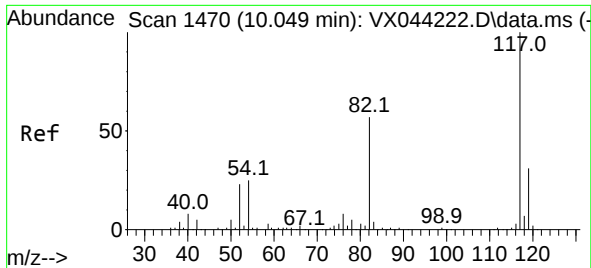
Tgt Ion: 98 Resp: 233939
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 44.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

Tgt Ion: 95 Resp: 70521
Ion Ratio Lower Upper
95 100
174 79.8 0.0 145.8
176 78.1 0.0 137.8

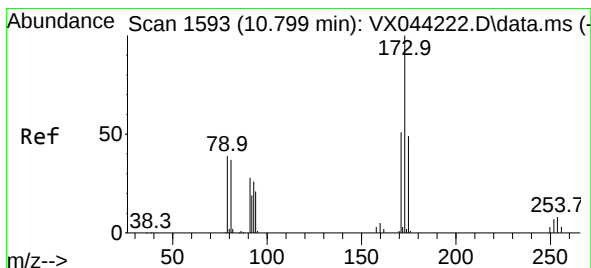
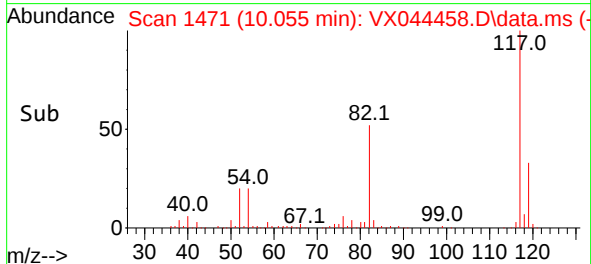
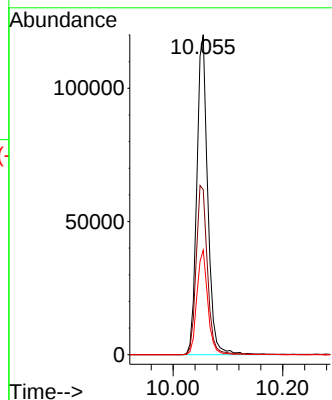
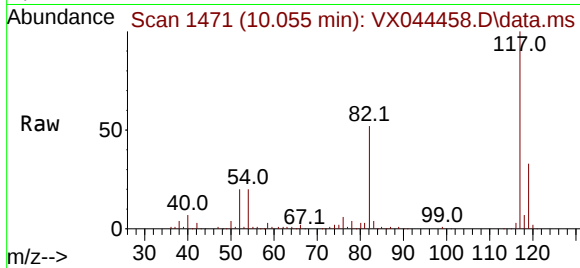




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

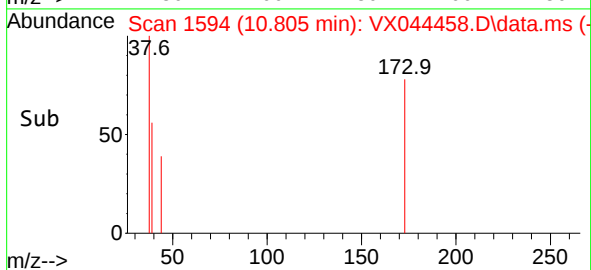
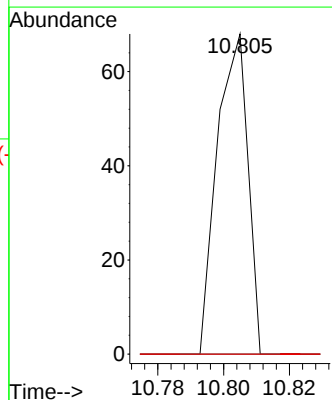
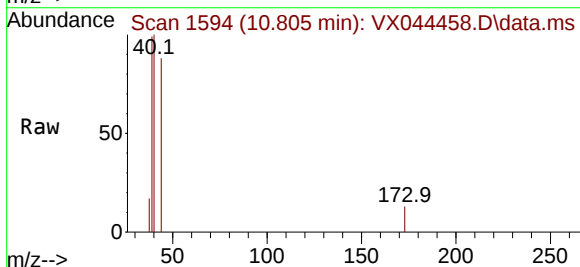
Instrument :
MSVOA_X
ClientSampleId :

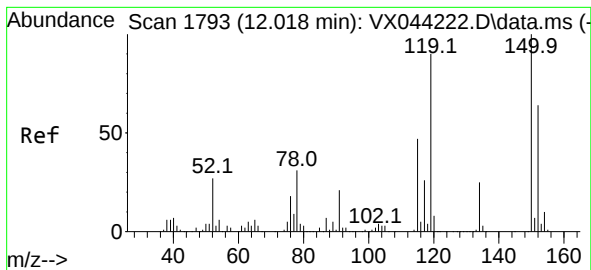
Tgt Ion:117 Resp: 167344
Ion Ratio Lower Upper
117 100
82 51.6 45.8 68.8
119 32.7 25.0 37.4



#71
Bromoform
Concen: 1.289 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044458.D
Acq: 20 Dec 2024 17:30

Tgt Ion:173 Resp: 44
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044458.D

Acq: 20 Dec 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

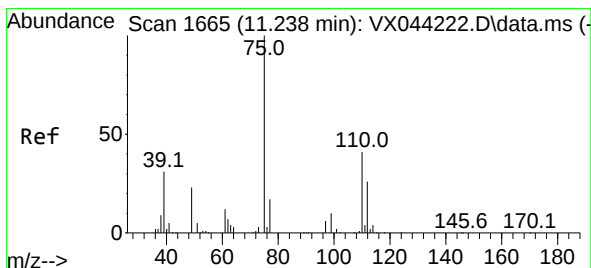
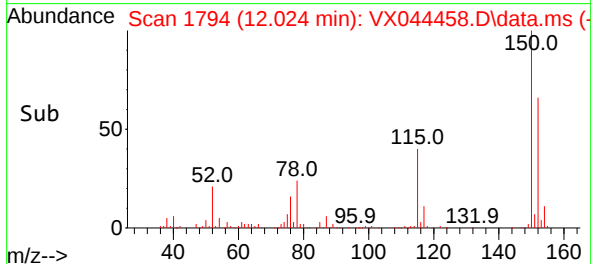
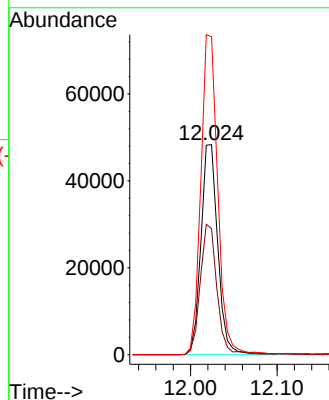
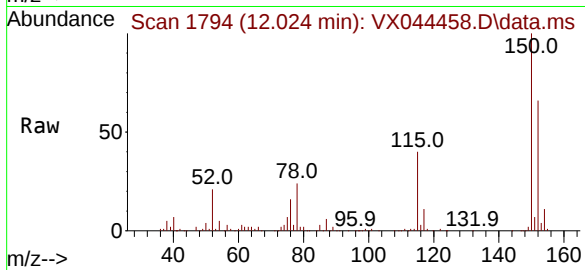
Tgt Ion:152 Resp: 65426

Ion Ratio Lower Upper

152 100

115 61.4 44.5 133.3

150 152.5 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 26.240 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044458.D

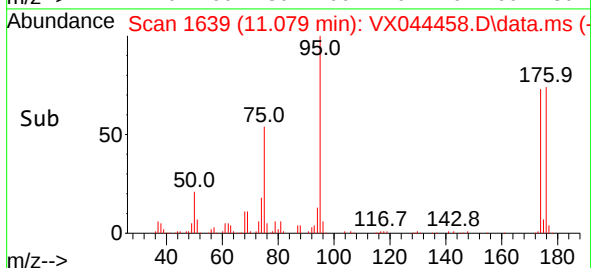
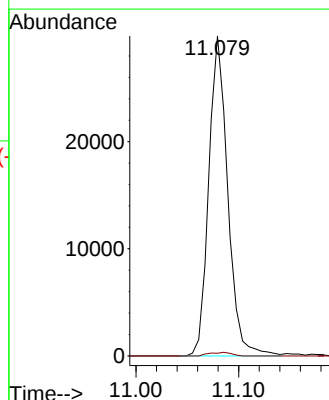
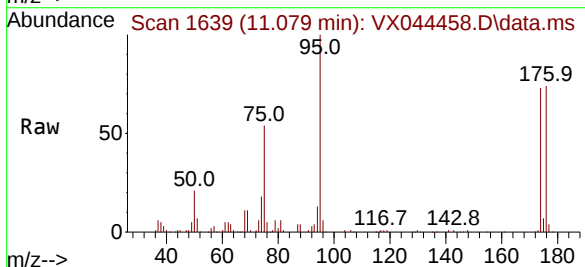
Acq: 20 Dec 2024 17:30

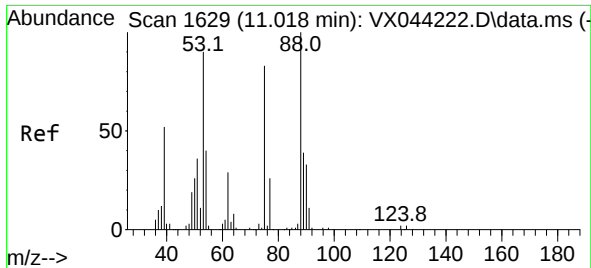
Tgt Ion: 75 Resp: 38331

Ion Ratio Lower Upper

75 100

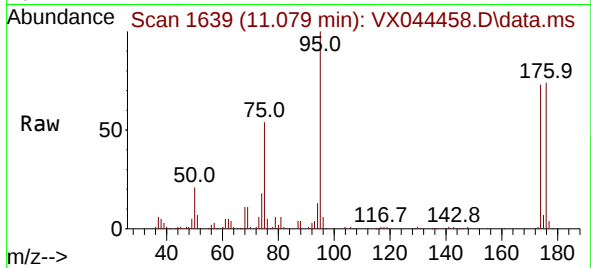
77 1.3 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.379 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044458.D
 Acq: 20 Dec 2024 17:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 38331
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

