

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044315.D
 Acq On : 16 Dec 2024 11:52
 Operator : JC/MD
 Sample : P5288-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Dec 17 00:47:26 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)

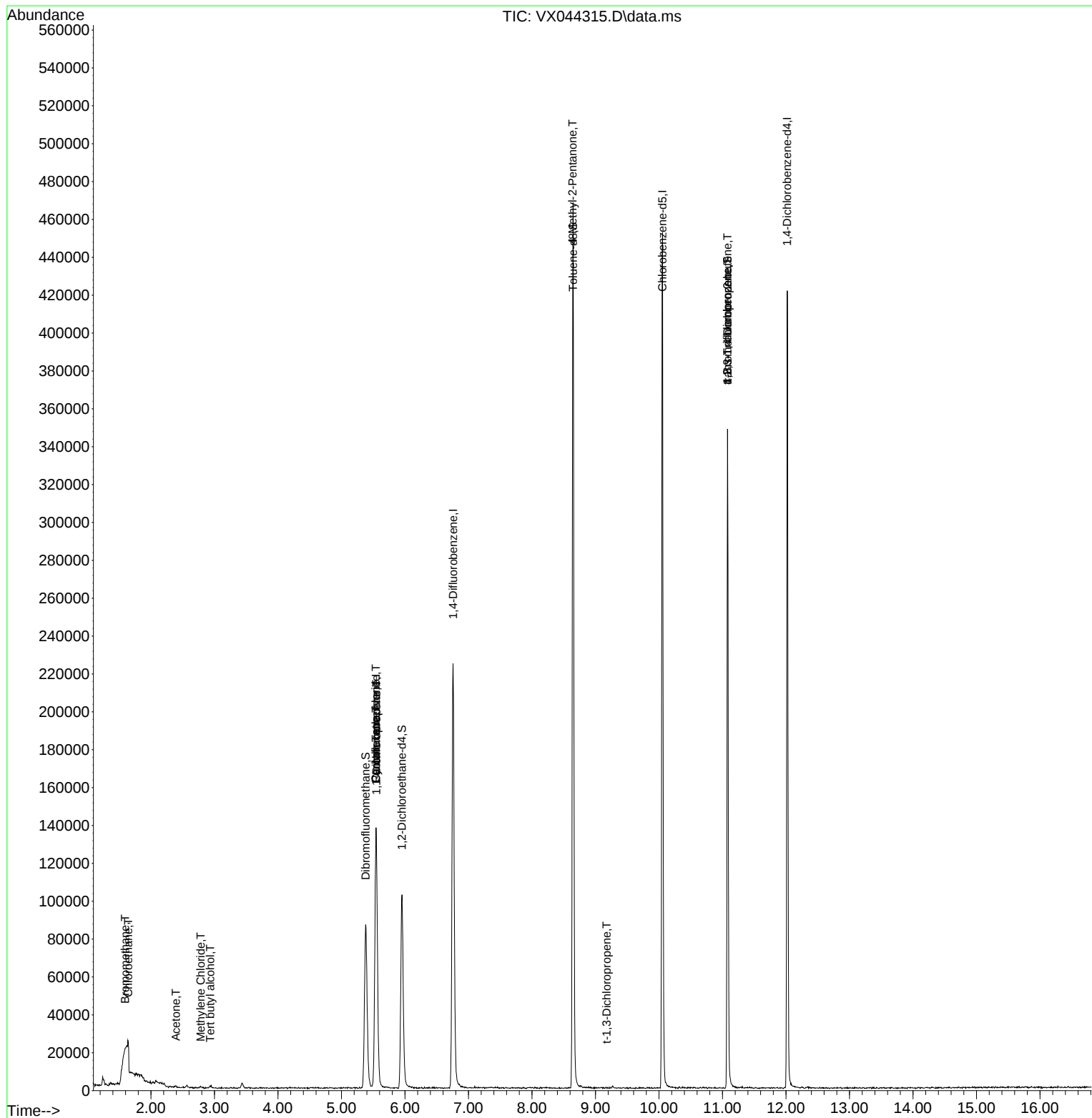
Internal Standards						
1) Pentafluorobenzene	5.544	168	120776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100290	47.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.720%		
35) Dibromofluoromethane	5.379	113	73453	47.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.040%		
50) Toluene-d8	8.647	98	271852	52.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.260%		
62) 4-Bromofluorobenzene	11.079	95	88406	48.519	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.040%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	760	0.576	ug/l #	40
6) Chloroethane	1.642	64	247	0.213	ug/l #	82
11) Tert butyl alcohol	2.935	59	459	1.538	ug/l #	71
16) Acetone	2.392	43	895	1.037	ug/l #	89
20) Methylene Chloride	2.782	84	442	0.273	ug/l #	61
31) Cyclohexane	5.544	56	3466	1.517	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	11654	5.833	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13656	6.349	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1393	0.561	ug/l #	1
53) t-1,3-Dichloropropene	9.177	75	45	1.017	ug/l #	41
76) 1,2,3-Trichloropropane	11.079	75	49499	27.096	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	49499	74.559	ug/l #	4

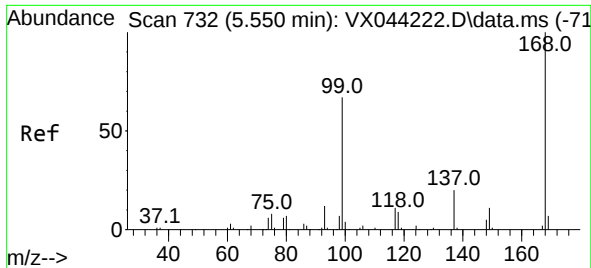
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

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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

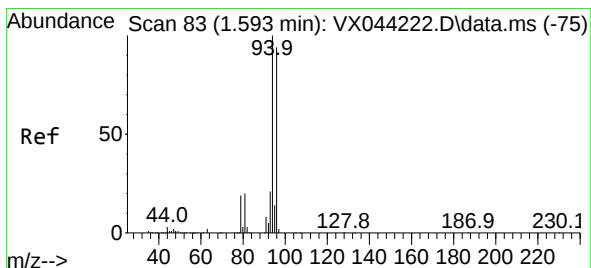
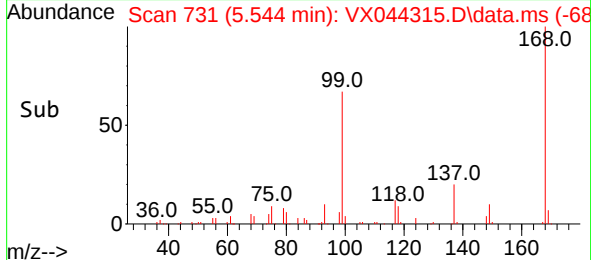
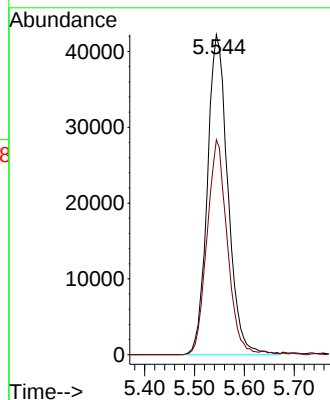
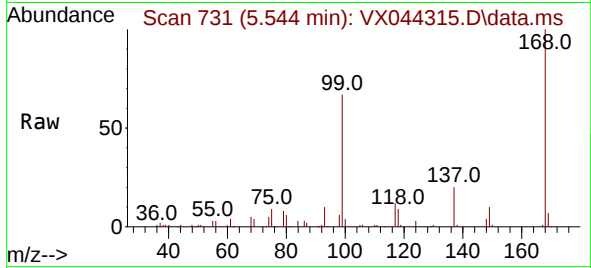




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

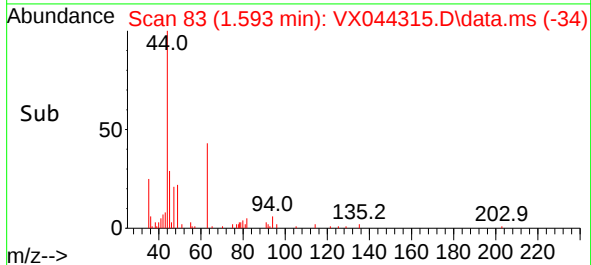
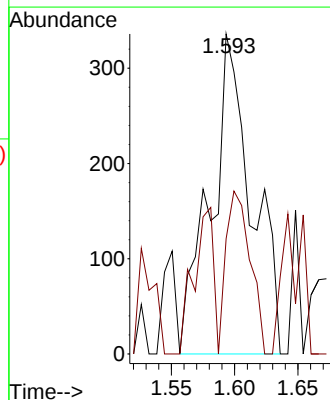
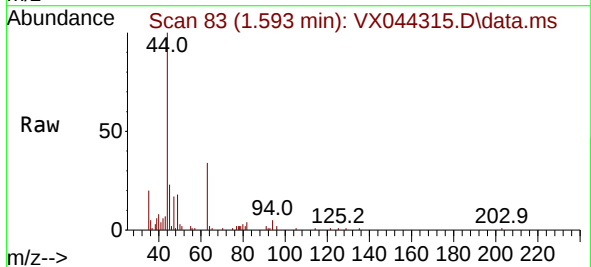
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

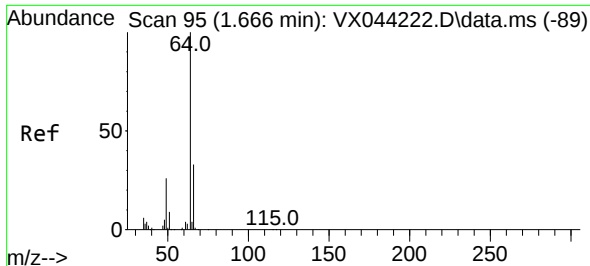
Tgt Ion:168 Resp: 120776
Ion Ratio Lower Upper
168 100
99 67.1 53.4 80.0



#5
Bromomethane
Concen: 0.576 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion: 94 Resp: 760
Ion Ratio Lower Upper
94 100
96 36.0 74.9 112.3#

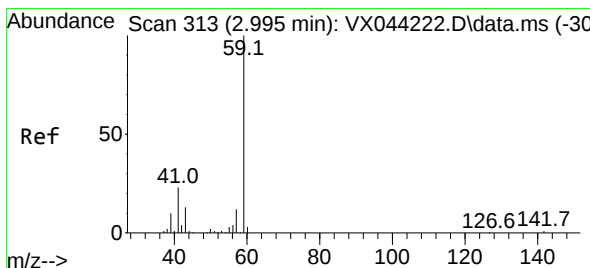
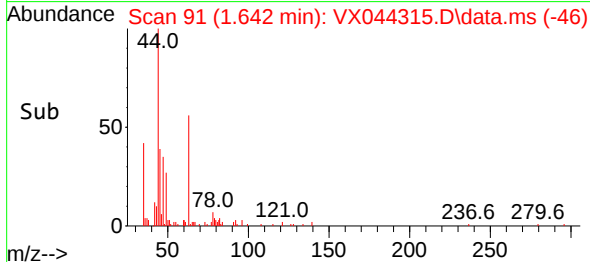
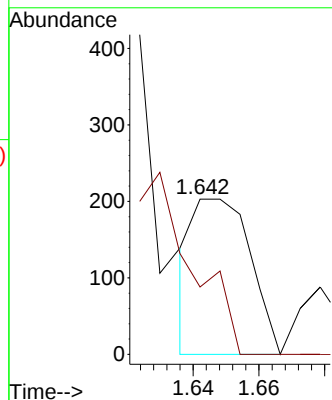
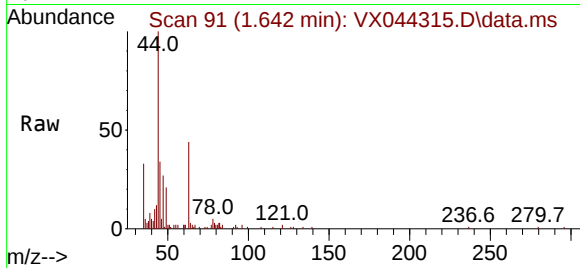




#6
Chloroethane
Concen: 0.213 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

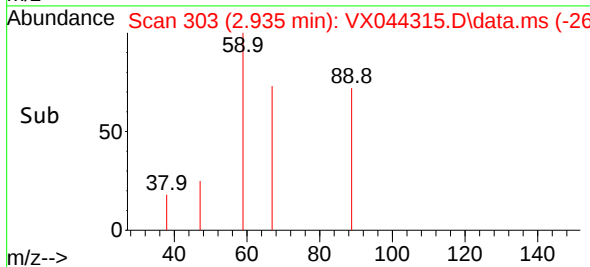
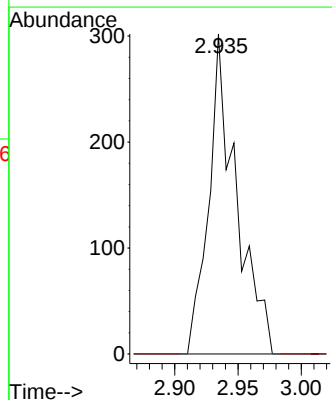
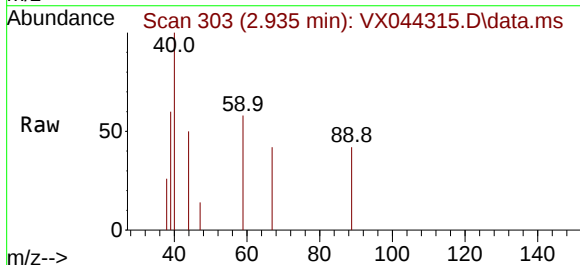
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

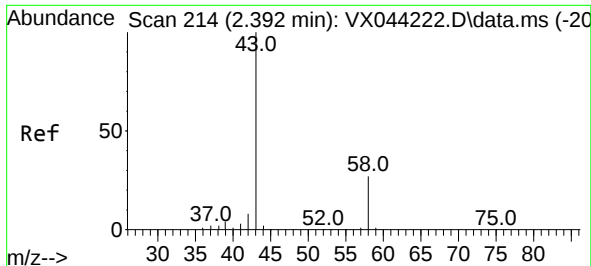
Tgt Ion: 64 Resp: 247
Ion Ratio Lower Upper
64 100
66 43.3 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.538 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion: 59 Resp: 459
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

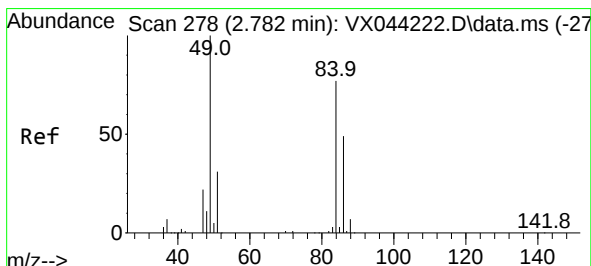
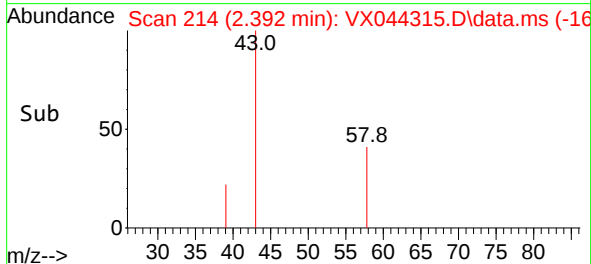
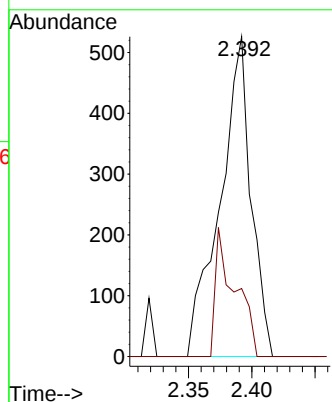
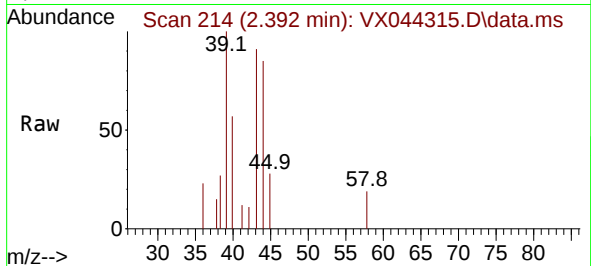




#16
Acetone
Concen: 1.037 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

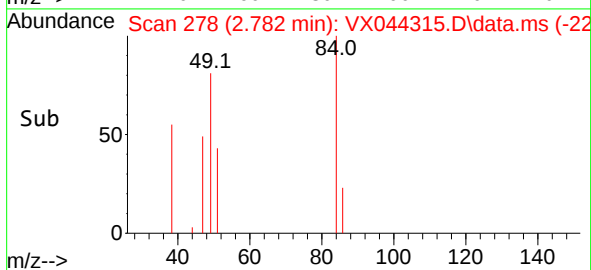
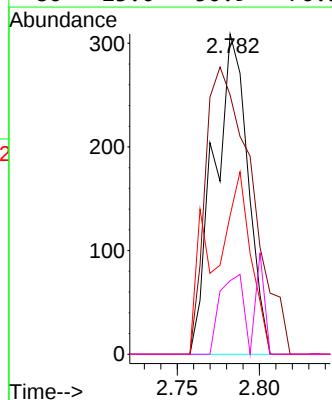
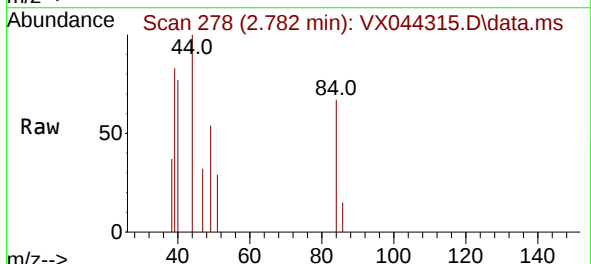
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

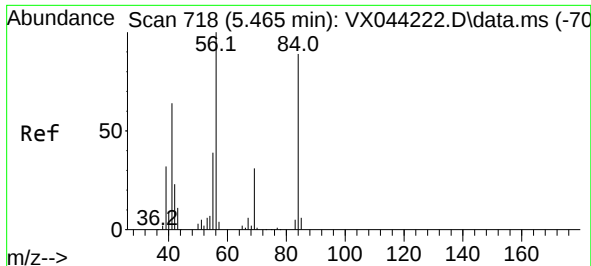
Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 21.3 21.6 32.4#



#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

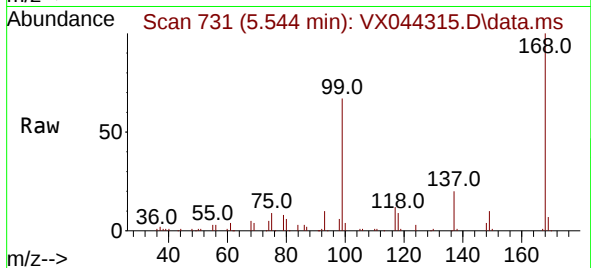
Tgt Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 80.9 104.2 156.4#
51 43.4 32.2 48.4
86 23.0 50.9 76.3#



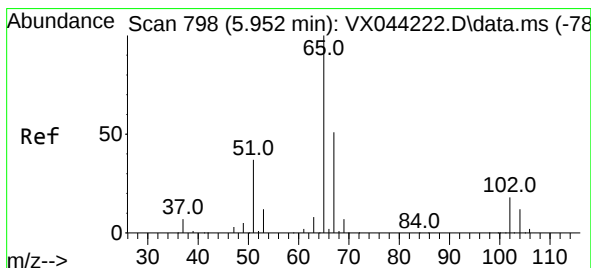
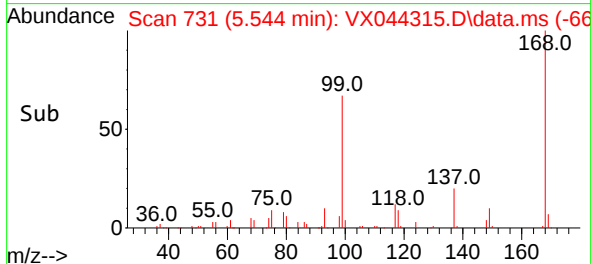
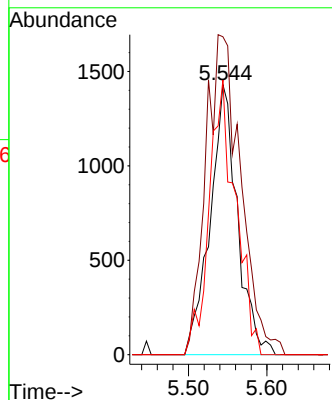


#31
Cyclohexane
Concen: 1.517 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

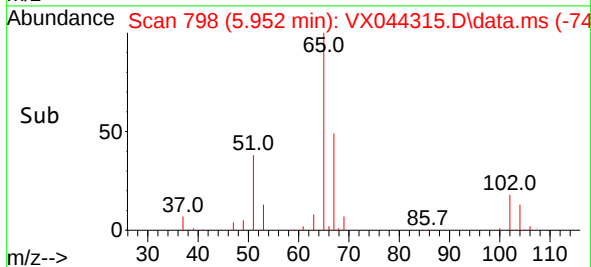
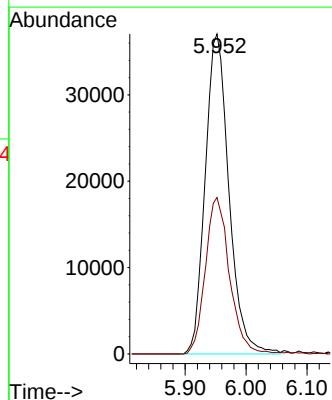
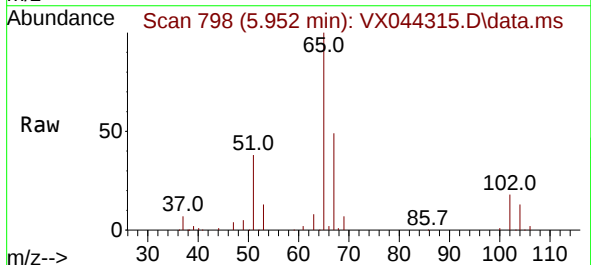


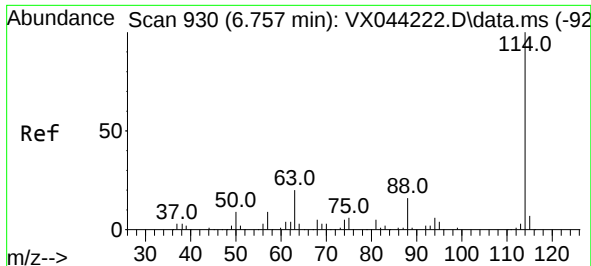
Tgt Ion: 56 Resp: 3466
Ion Ratio Lower Upper
56 100
69 117.7 24.7 37.1#
84 101.7 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 47.360 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion: 65 Resp: 100290
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6

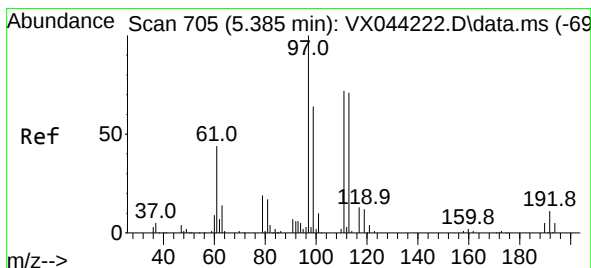
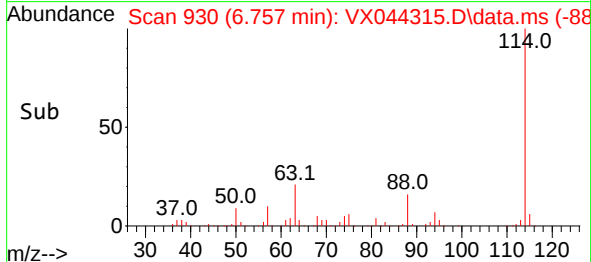
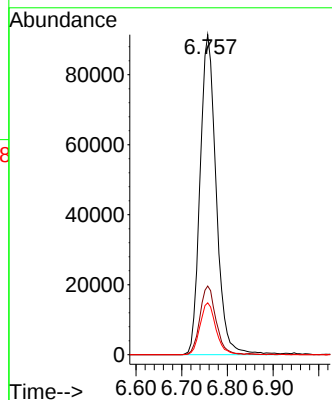
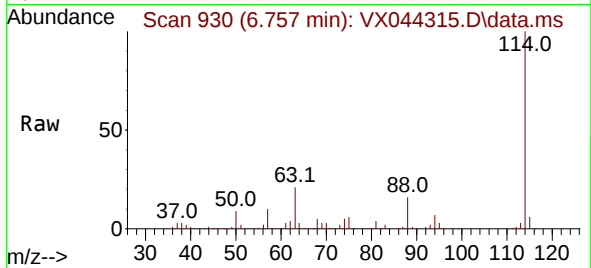




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

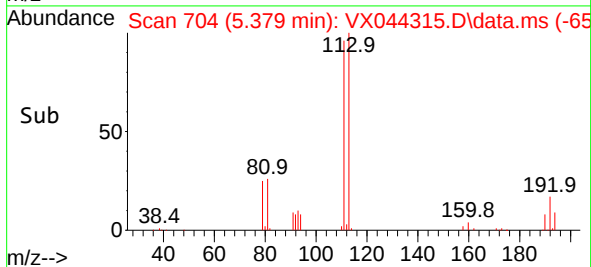
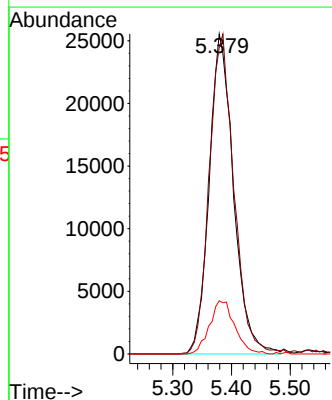
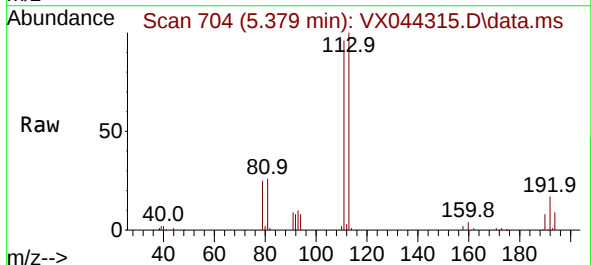
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

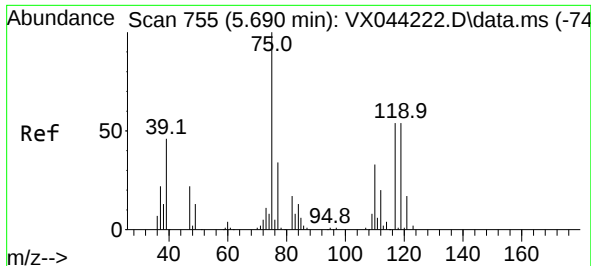
Tgt Ion:114 Resp: 223167
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.6
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.523 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion:113 Resp: 73453
Ion Ratio Lower Upper
113 100
111 101.3 80.4 120.6
192 17.2 13.3 19.9

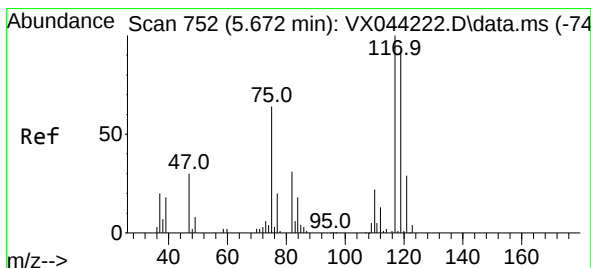
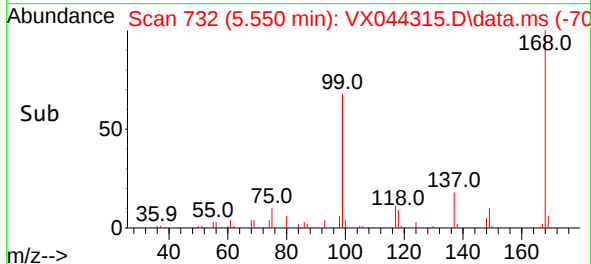
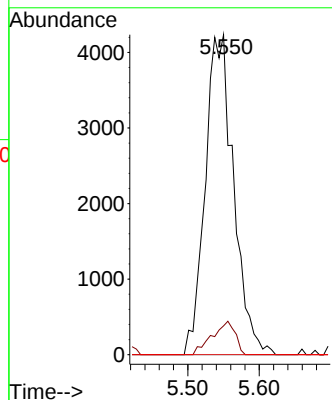
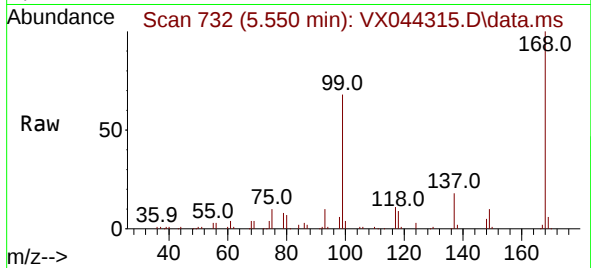




#36
1,1-Dichloropropene
Concen: 5.833 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

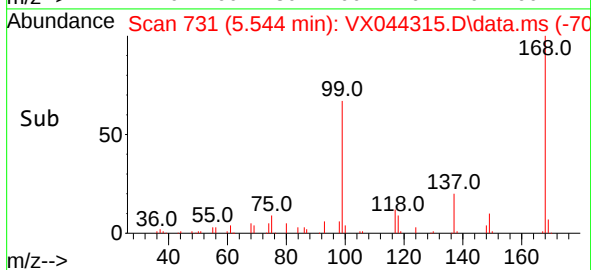
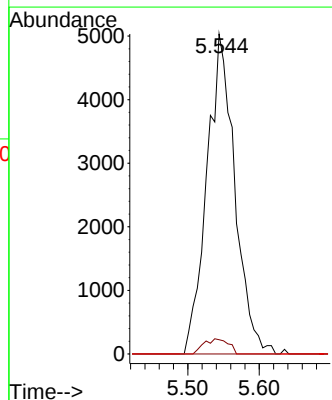
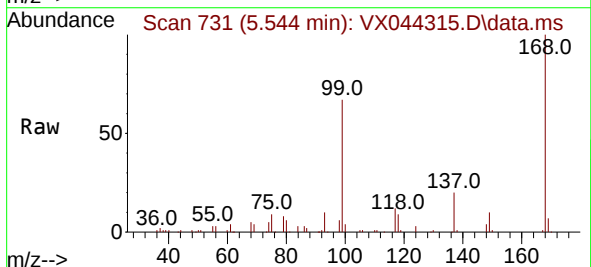
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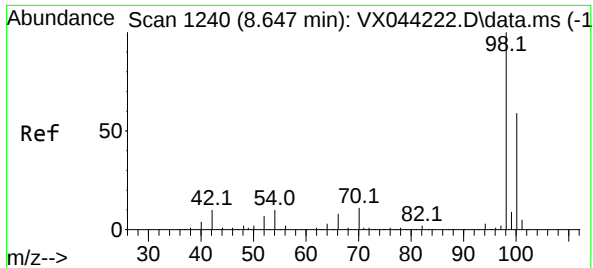
Tgt Ion: 75 Resp: 11654
Ion Ratio Lower Upper
75 100
110 8.5 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.349 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion: 117 Resp: 13656
Ion Ratio Lower Upper
117 100
119 4.5 74.2 111.4#
121 0.0 23.0 34.6#

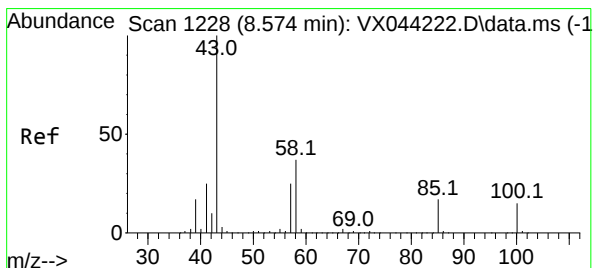
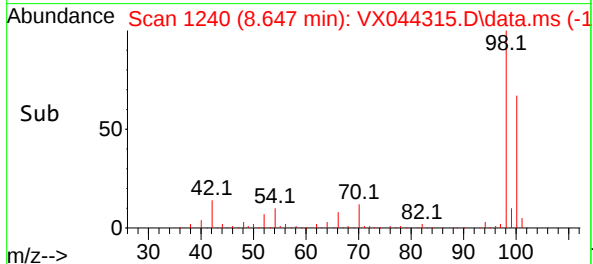
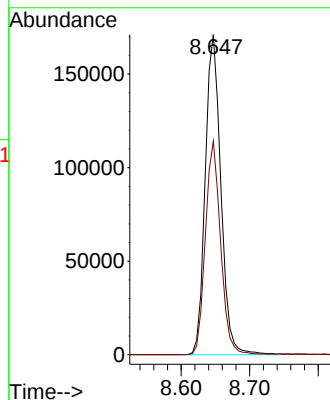
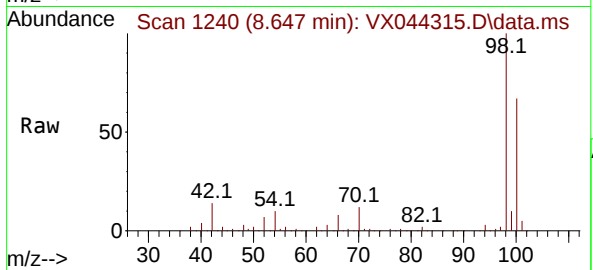




#50
Toluene-d8
Concen: 52.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

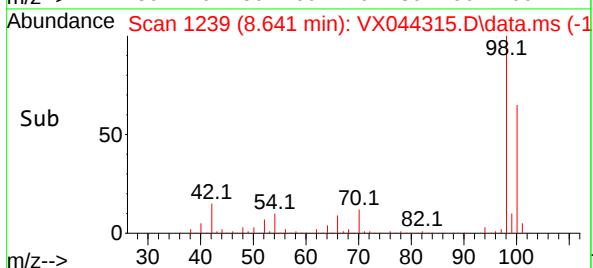
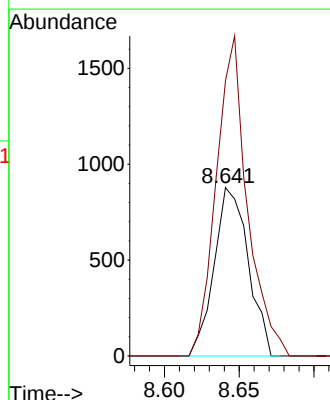
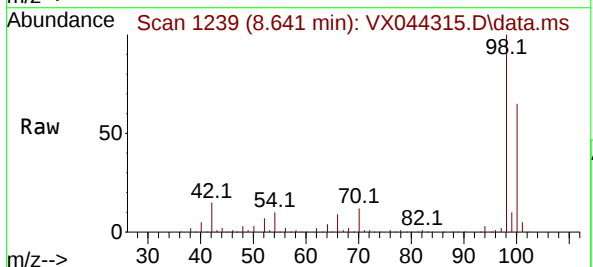
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

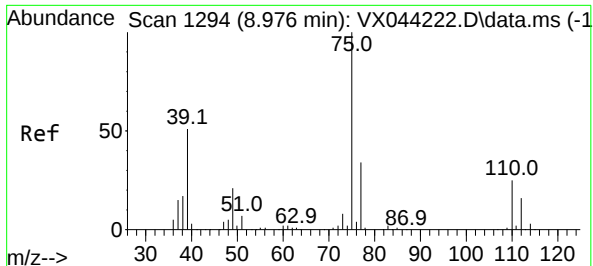
Tgt Ion: 98 Resp: 271852
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
58 173.1 29.4 44.0#





#53

t-1,3-Dichloropropene

Concen: 1.017 ug/l

RT: 9.177 min Scan# 11

Delta R.T. 0.201 min

Lab File: VX044315.D

Acq: 16 Dec 2024 11:52

Instrument :

MSVOA_X

ClientSampleId :

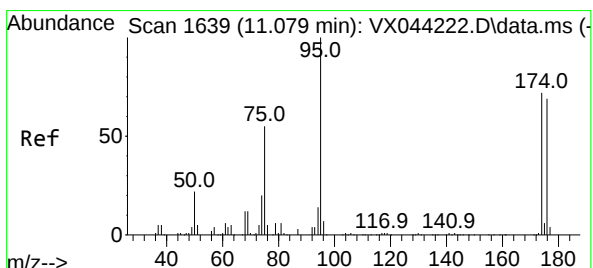
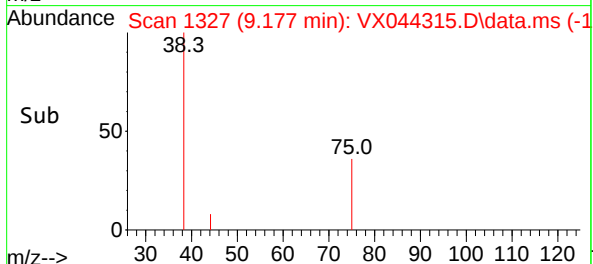
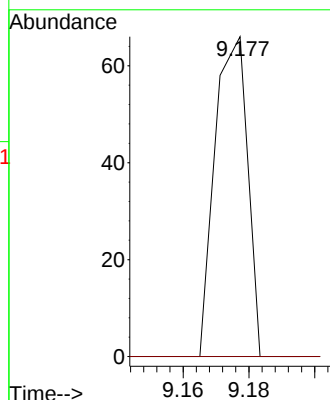
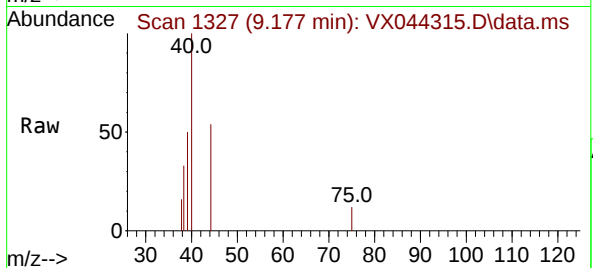
Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 45

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#62

4-Bromofluorobenzene

Concen: 48.519 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044315.D

Acq: 16 Dec 2024 11:52

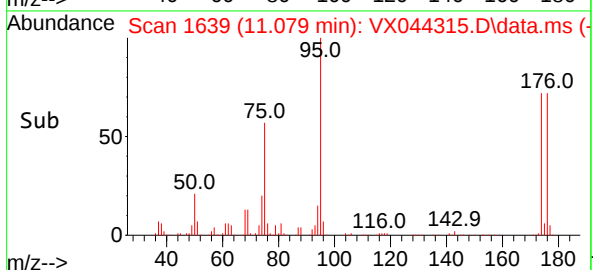
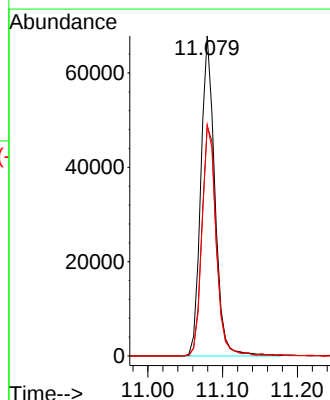
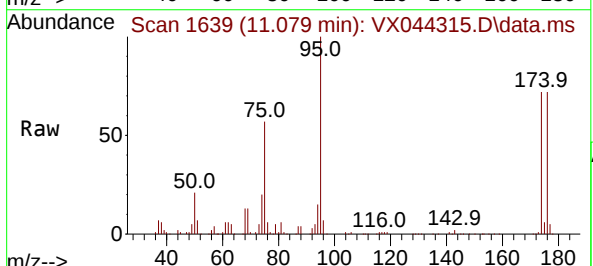
Tgt Ion: 95 Resp: 88406

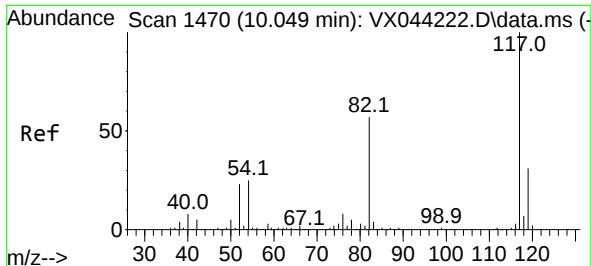
Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.8

176 72.2 0.0 137.8

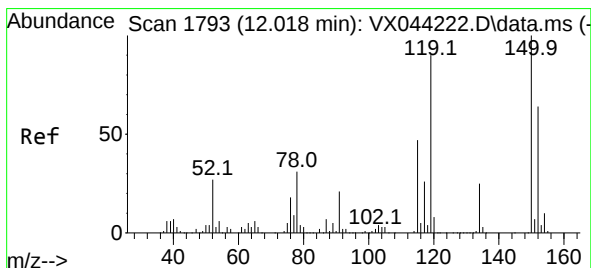
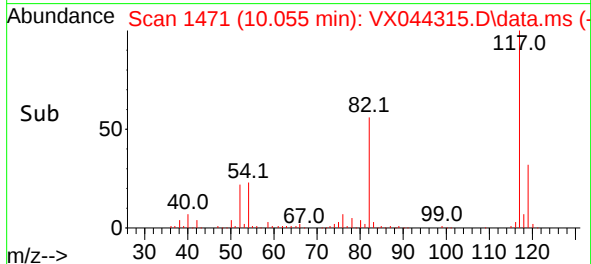
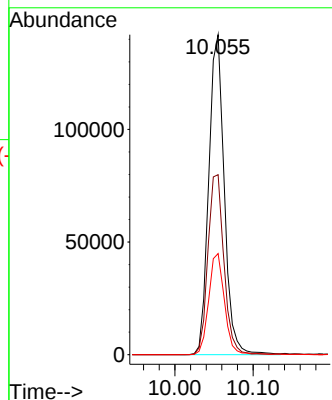
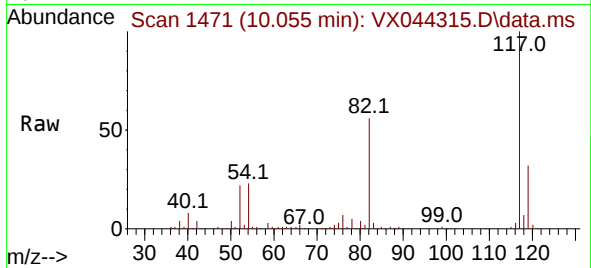




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

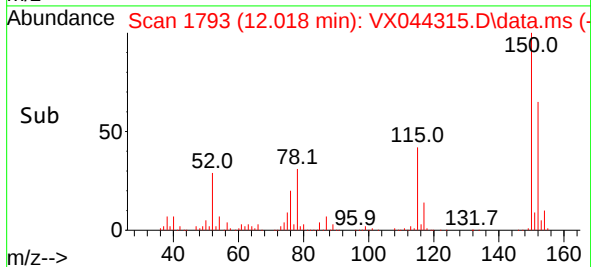
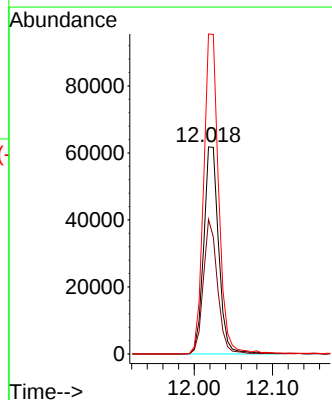
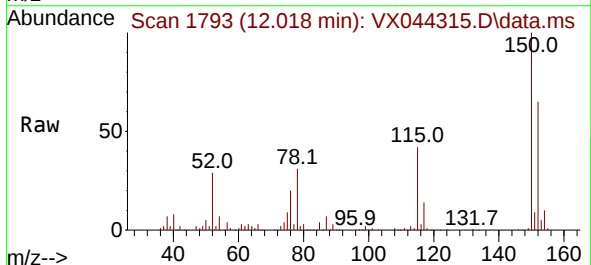
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

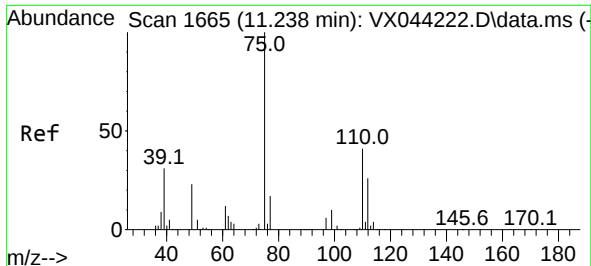
Tgt Ion:117 Resp: 195316
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.8
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion:152 Resp: 81818
Ion Ratio Lower Upper
152 100
115 61.5 44.5 133.3
150 155.8 0.0 353.8

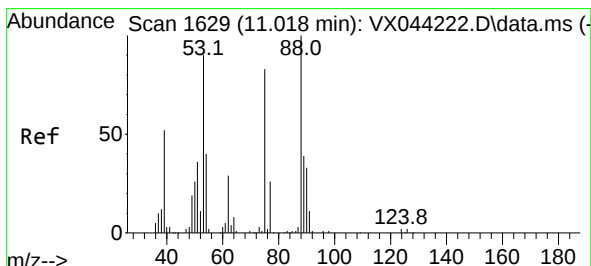
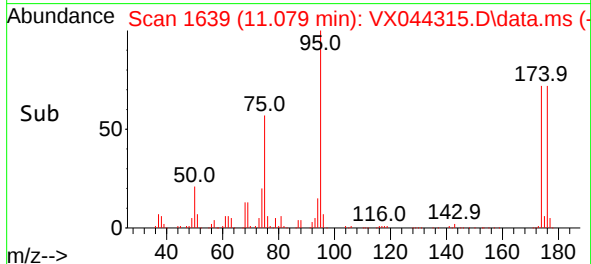
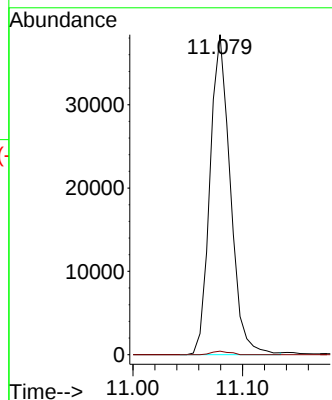
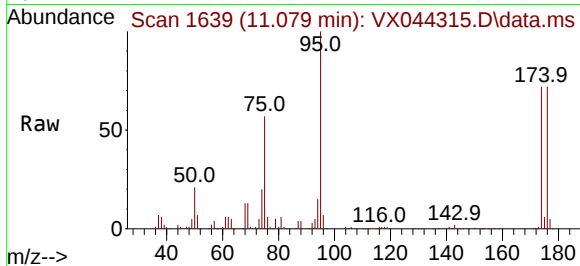




#76
1,2,3-Trichloropropane
Concen: 27.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-5

Tgt Ion: 75 Resp: 49499
Ion Ratio Lower Upper
75 100
77 1.0 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion: 75 Resp: 49499
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

