

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033027.D
 Acq On : 23 Nov 2022 18:06
 Operator : JC/MD
 Sample : N5744-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 24 04:07:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

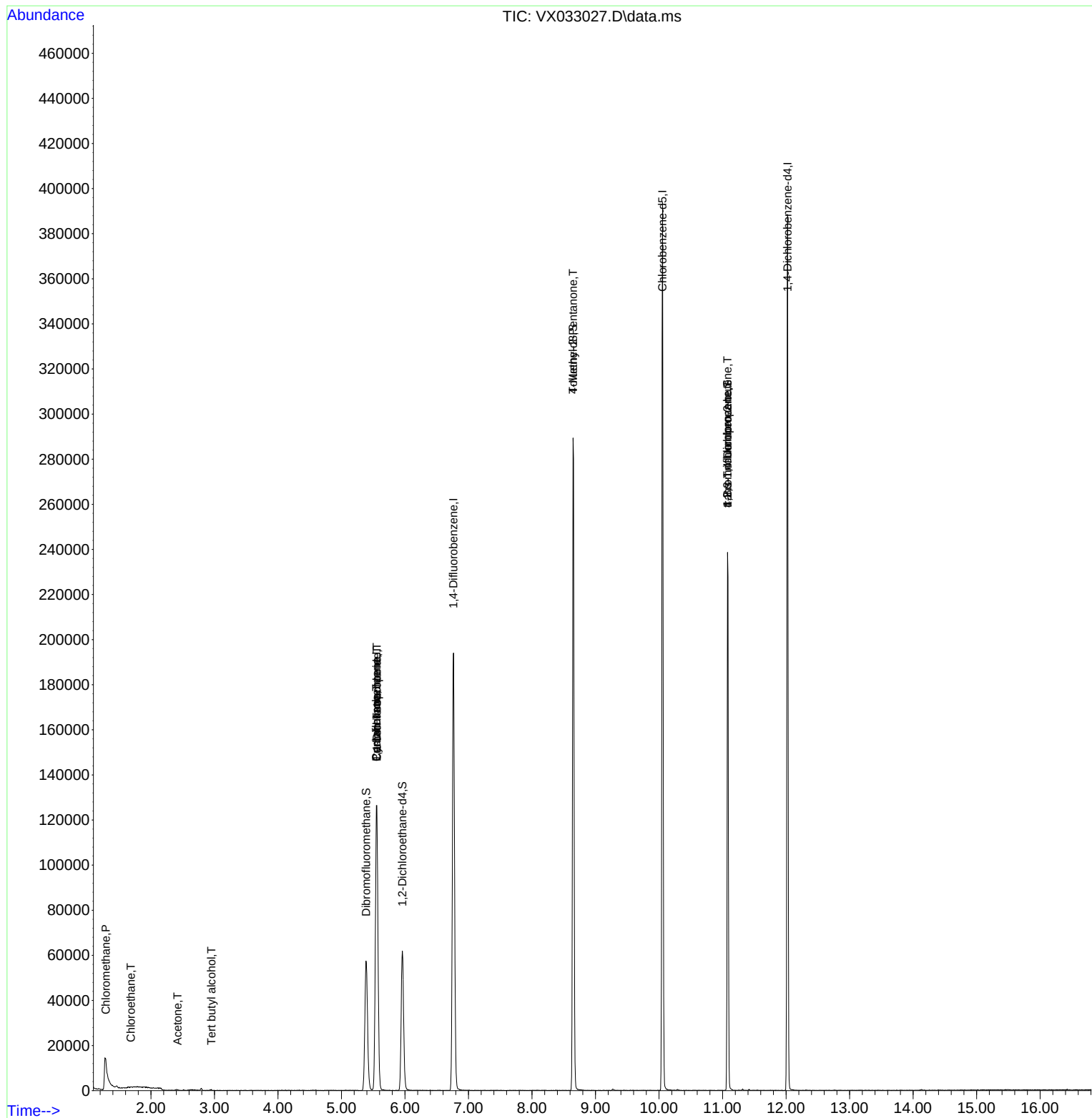
Internal Standards						
1) Pentafluorobenzene	5.550	168	120045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62733	53.713	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.420%		
35) Dibromofluoromethane	5.385	113	50054	45.422	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 90.840%		
50) Toluene-d8	8.647	98	171929	51.937	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.880%		
62) 4-Bromofluorobenzene	11.079	95	61484	42.474	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 84.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	824	0.832	ug/l #	43
6) Chloroethane	1.685	64	195	0.217	ug/l #	42
11) Tert butyl alcohol	2.953	59	261	1.408	ug/l #	72
16) Acetone	2.416	43	630	1.154	ug/l #	45
20) Methylene Chloride	2.788	84	373	Below Cal	#	77
31) Cyclohexane	5.550	56	2640	1.394	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	9616	5.457	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12732	6.514	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	821	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33205	22.162	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33205	72.037	ug/l #	6

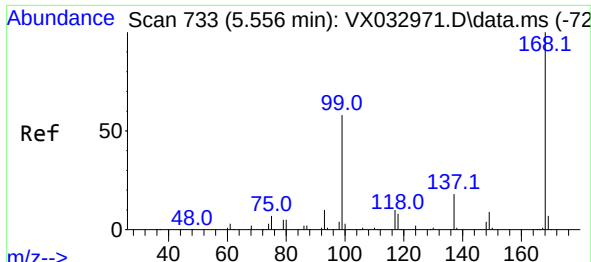
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
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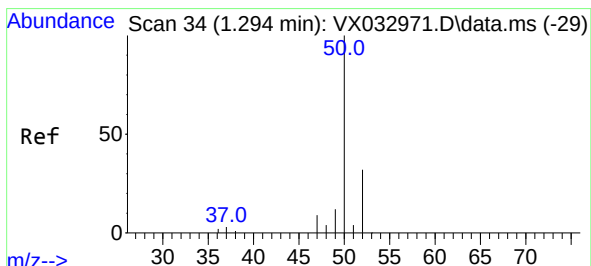
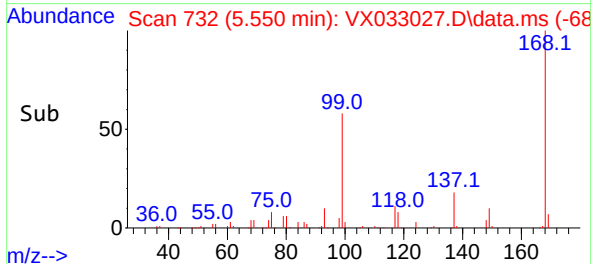
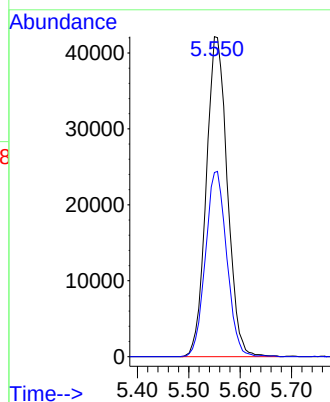
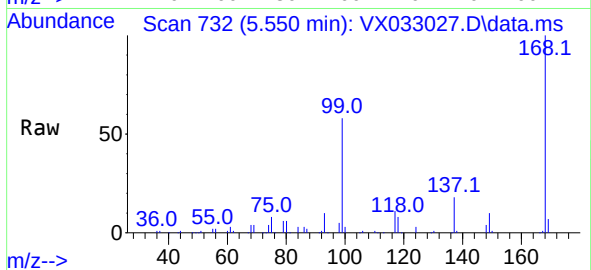




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

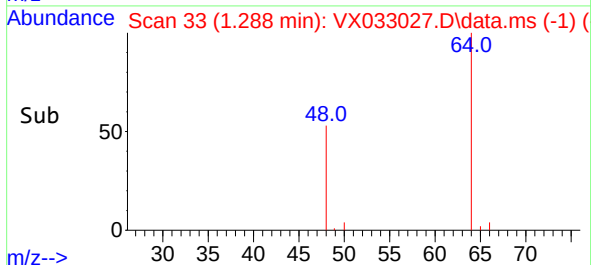
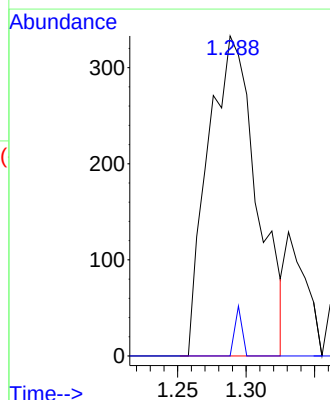
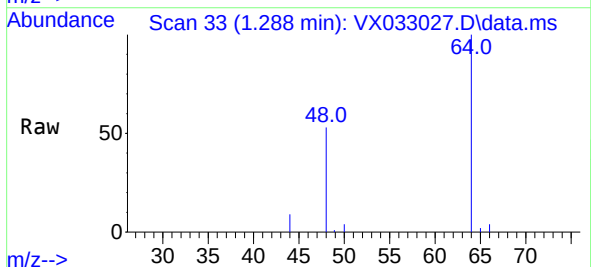
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

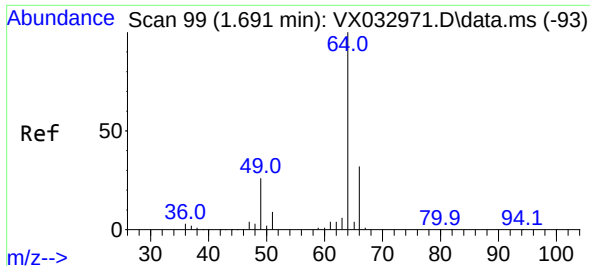
Tgt Ion:168 Resp: 120045
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#3
Chloromethane
Concen: 0.832 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Tgt Ion: 50 Resp: 824
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

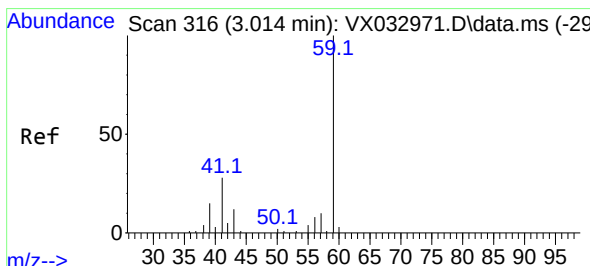
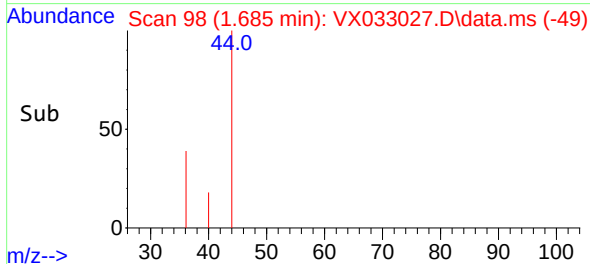
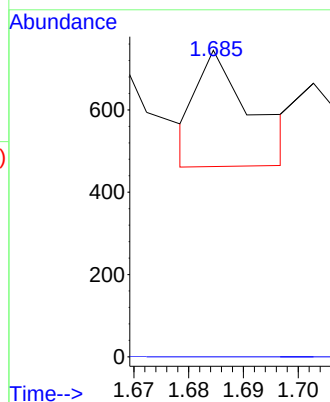
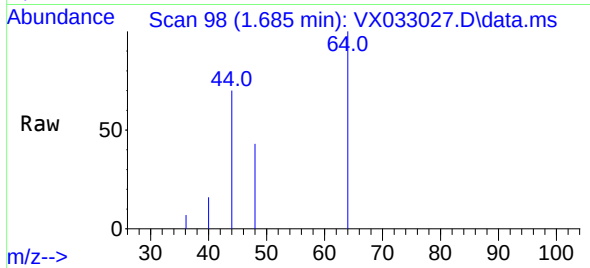




#6
Chloroethane
Concen: 0.217 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

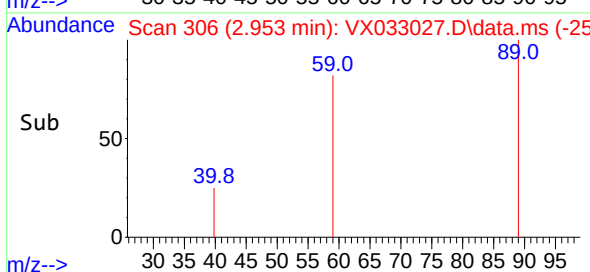
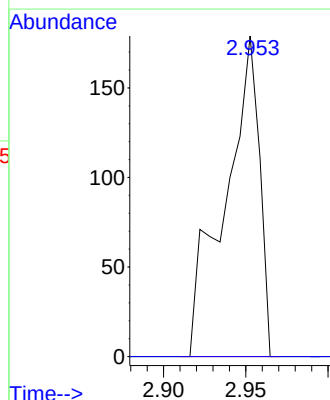
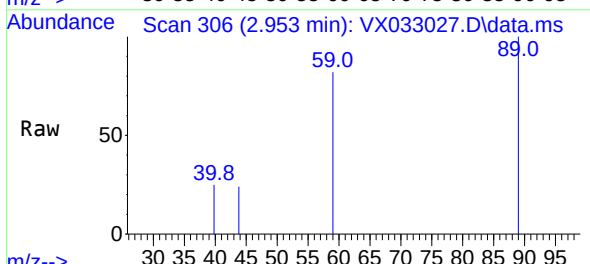
Instrument :
MSVOA_X
ClientSampleId :
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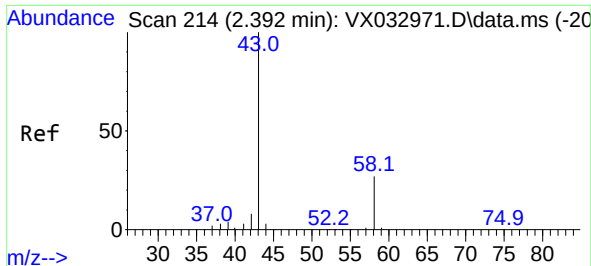
Tgt Ion: 64 Resp: 195
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

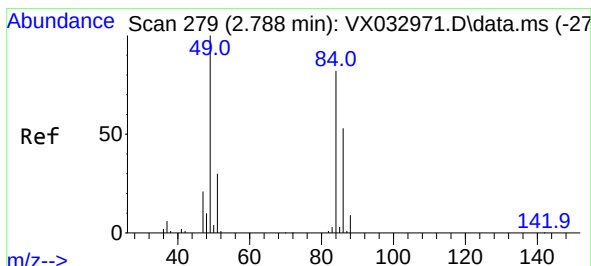
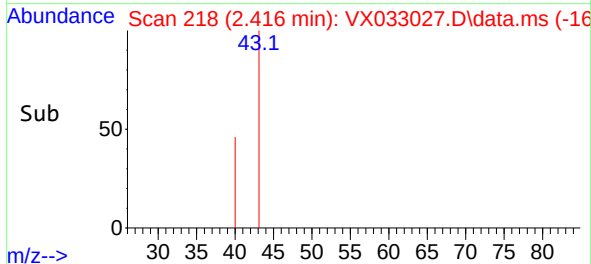
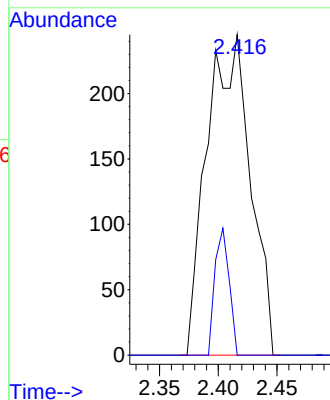
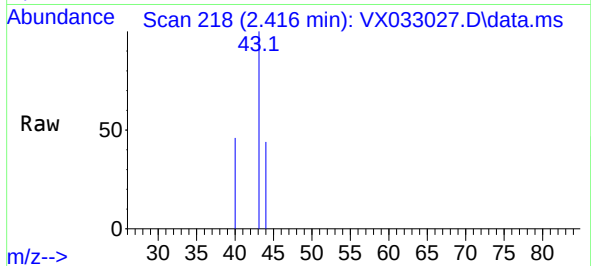




#16
Acetone
Concen: 1.154 ug/l
RT: 2.416 min Scan# 214
Delta R.T. 0.036 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

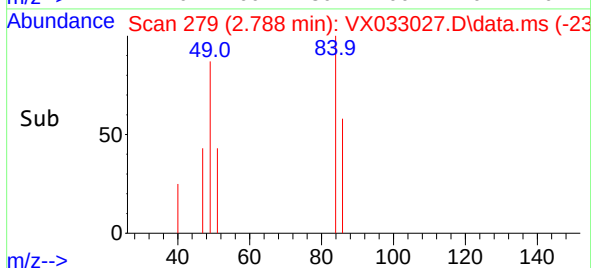
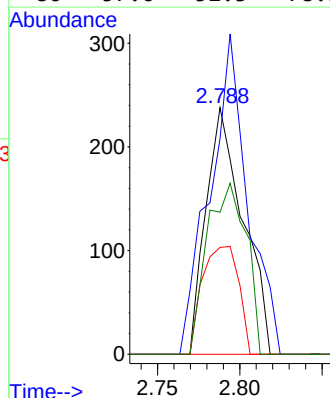
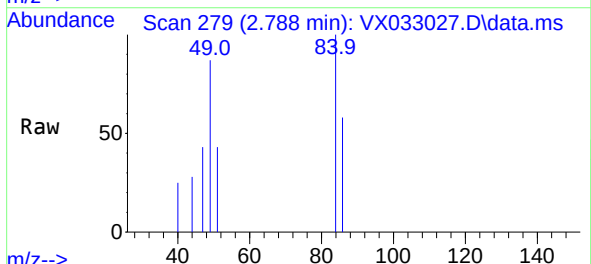
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

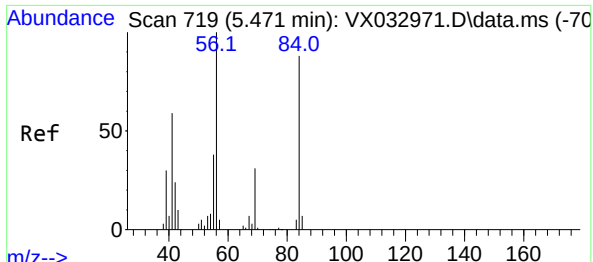
Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Tgt Ion: 84 Resp: 373
Ion Ratio Lower Upper
84 100
49 87.4 101.0 151.6#
51 43.3 31.1 46.7
86 57.6 52.3 78.5

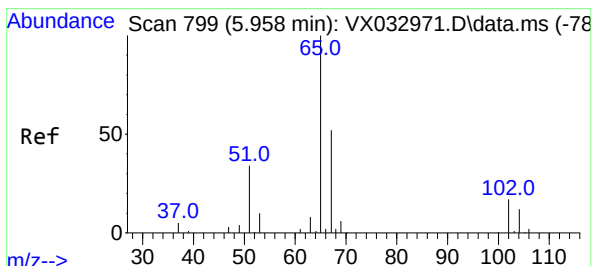
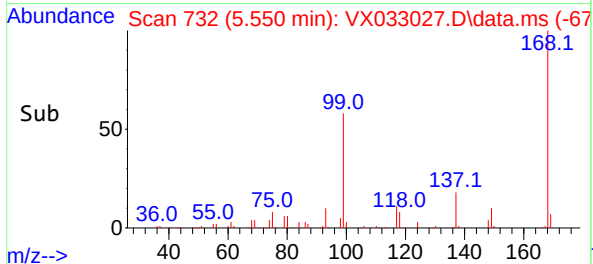
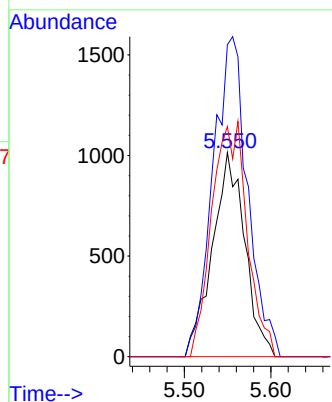
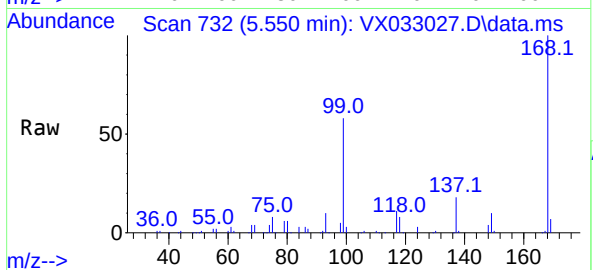




#31
Cyclohexane
Concen: 1.394 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

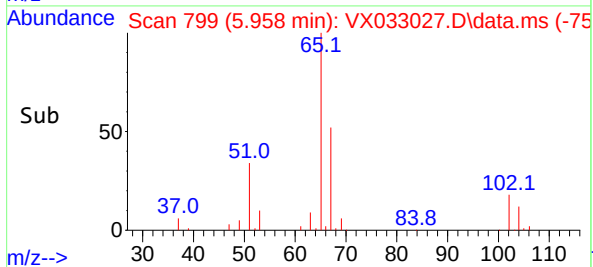
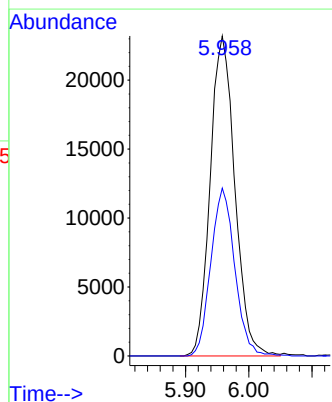
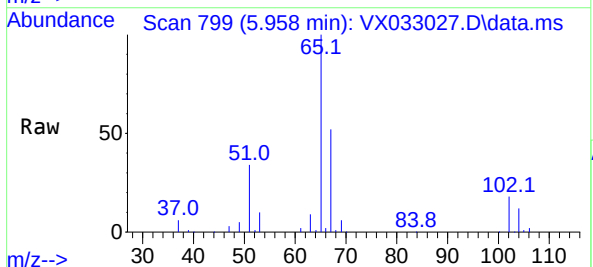
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

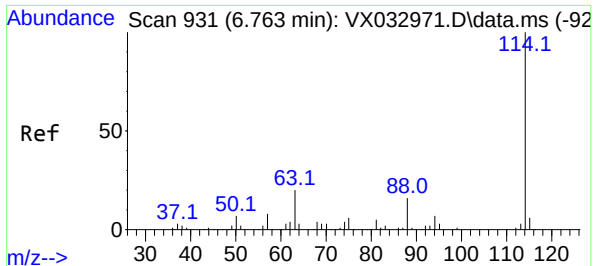
Tgt Ion: 56 Resp: 2640
Ion Ratio Lower Upper
56 100
69 152.8 24.1 36.1#
84 112.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.713 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Tgt Ion: 65 Resp: 62733
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

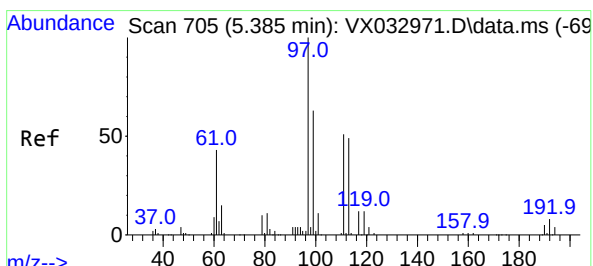
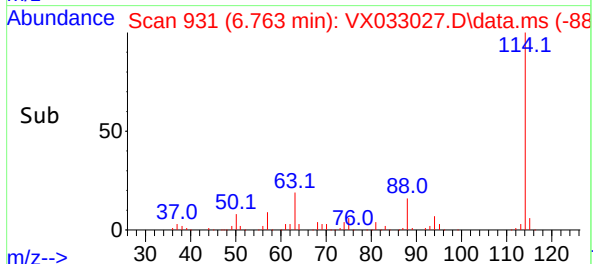
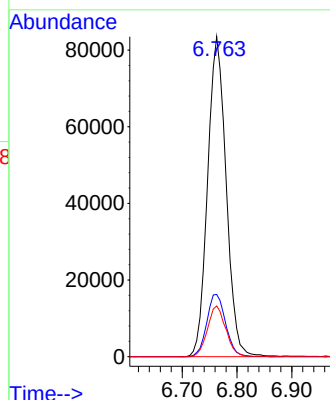
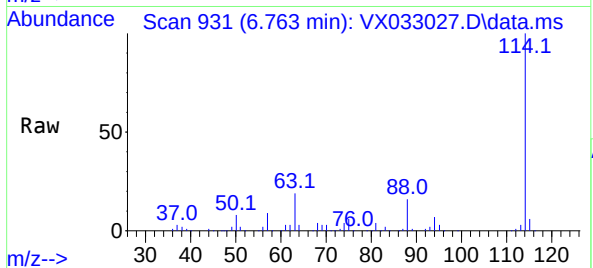




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

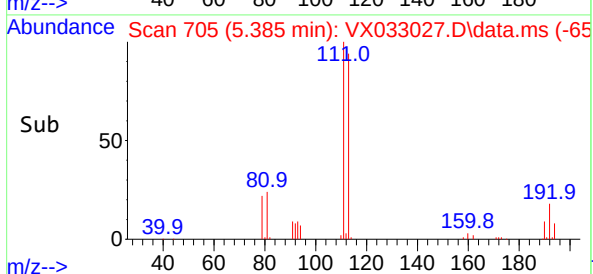
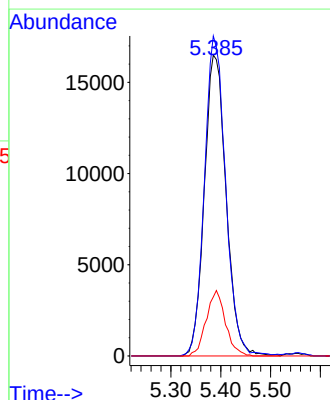
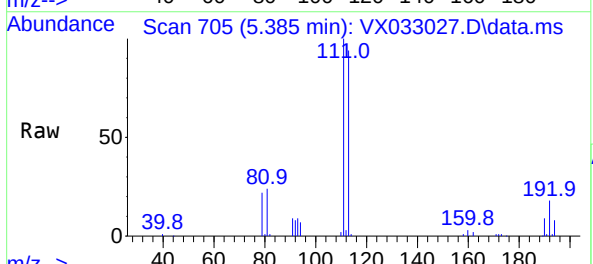
Instrument :
MSVOA_X
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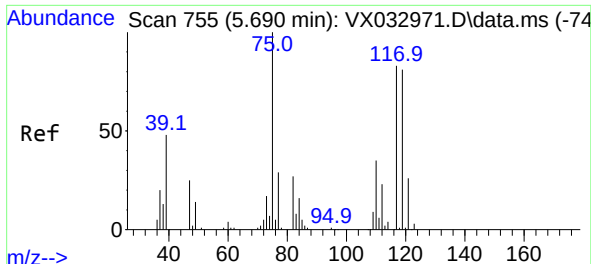
Tgt Ion:114 Resp: 195470
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Tgt Ion:113 Resp: 50054
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.2 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.457 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033027.D

Acq: 23 Nov 2022 18:06

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

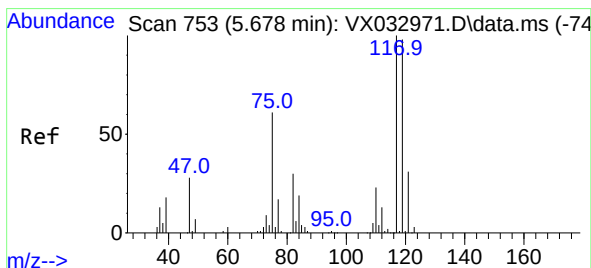
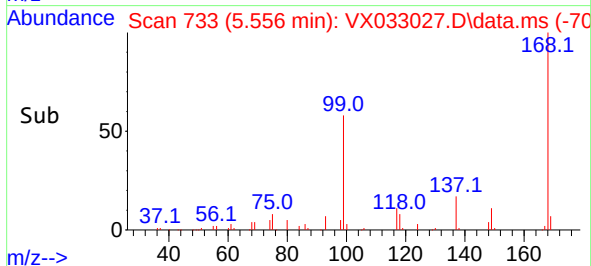
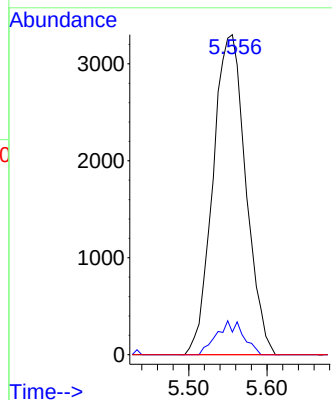
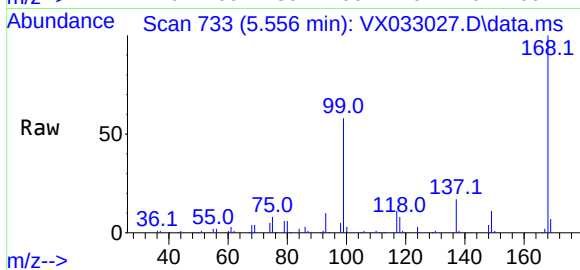
Tgt Ion: 75 Resp: 9616

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.514 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX033027.D

Acq: 23 Nov 2022 18:06

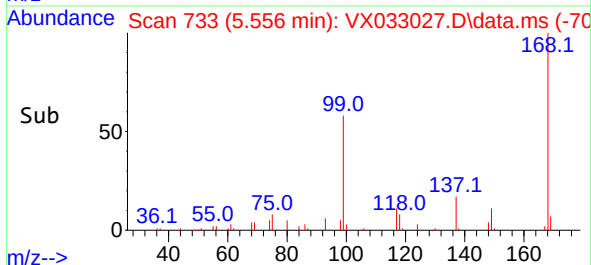
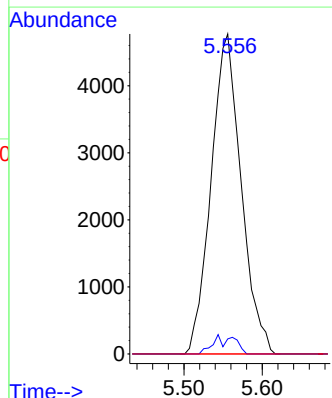
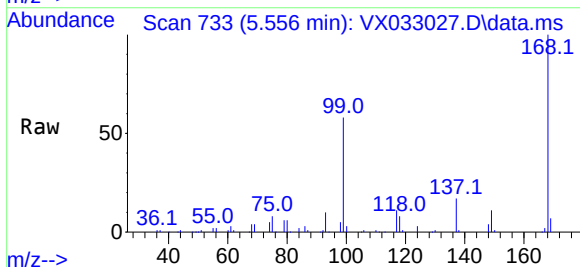
Tgt Ion: 117 Resp: 12732

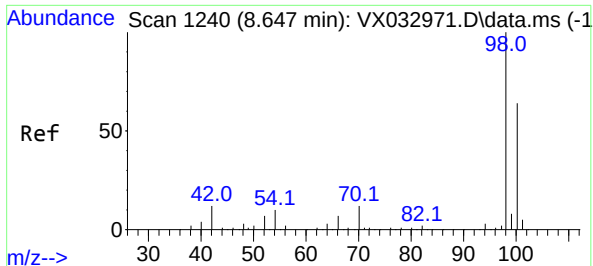
Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 25.8 38.6#

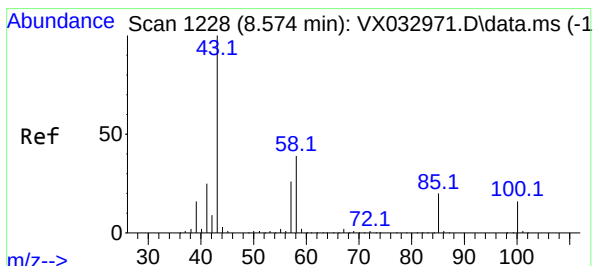
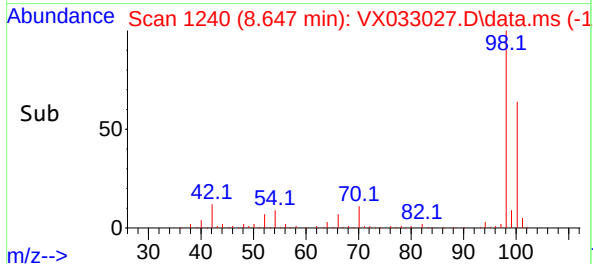
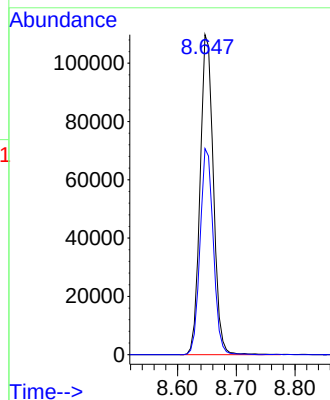
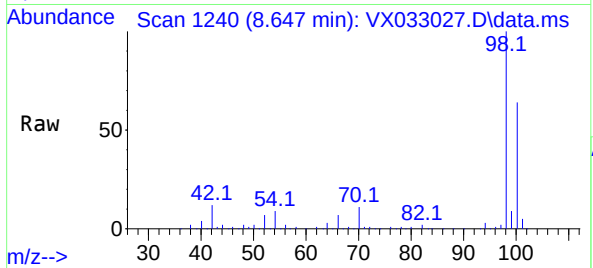




#50
Toluene-d8
Concen: 51.937 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

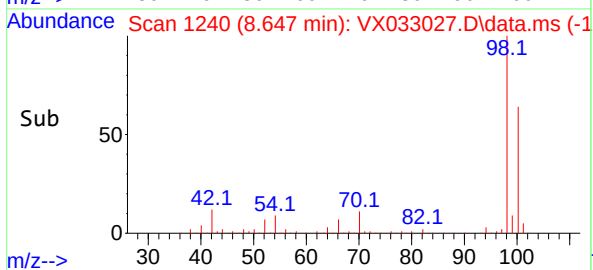
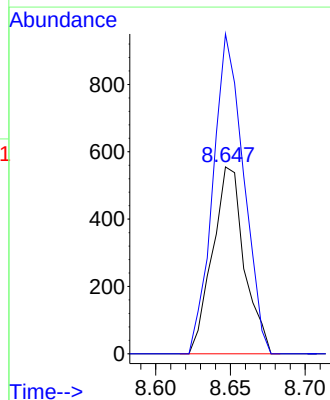
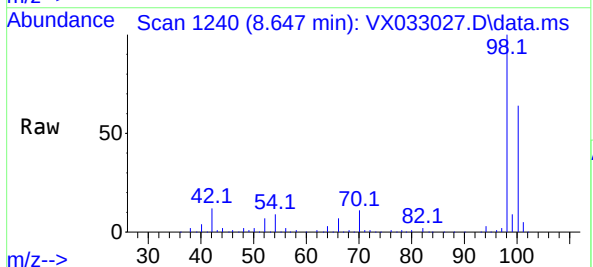
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

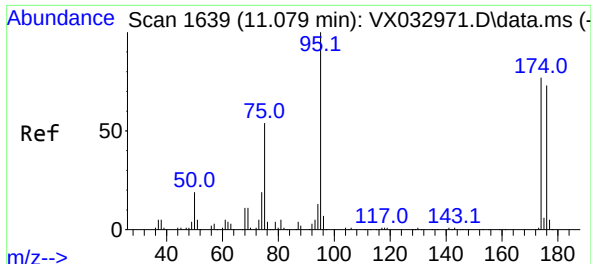
Tgt Ion: 98 Resp: 171929
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 165.2 30.9 46.3#



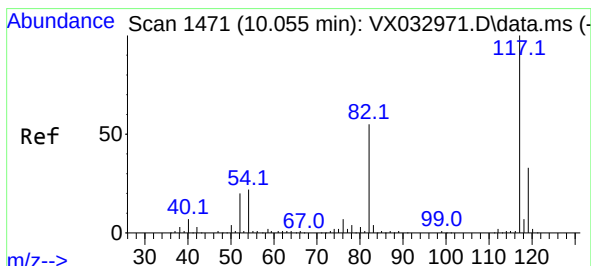
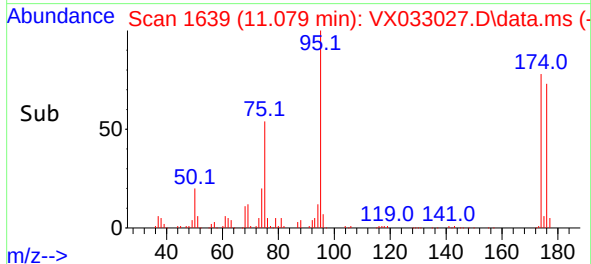
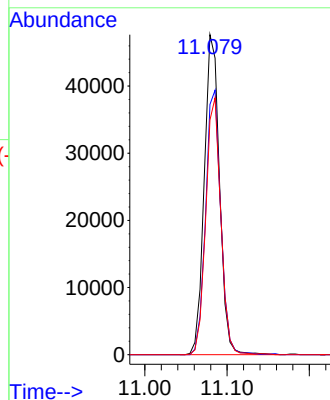
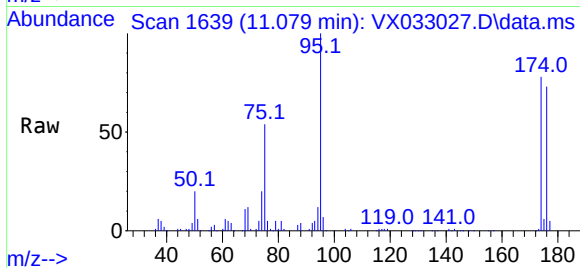


#62
4-Bromofluorobenzene
Concen: 42.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 95 Resp: 61484

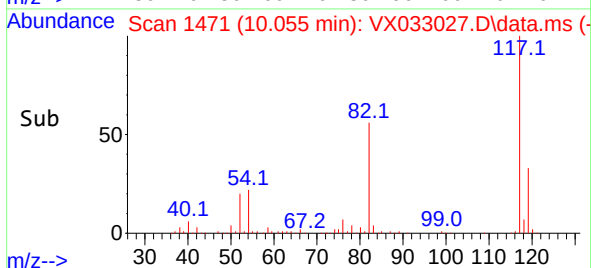
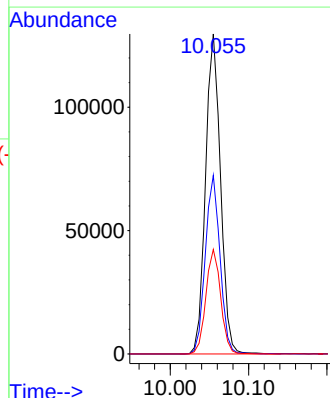
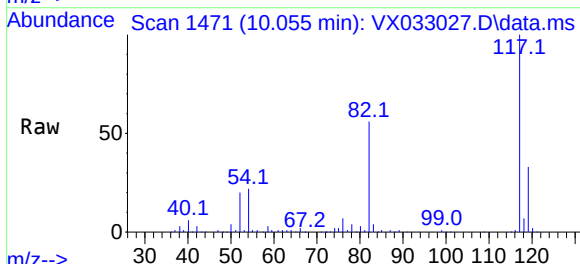
Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	164.0
176	79.1	0.0	154.4

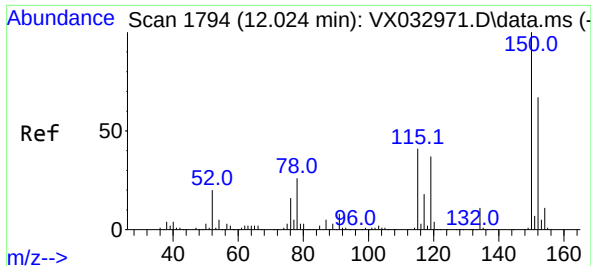


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Tgt Ion: 117 Resp: 171954

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.3	66.5
119	32.6	25.7	38.5

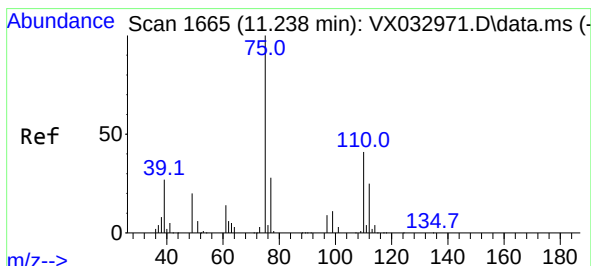
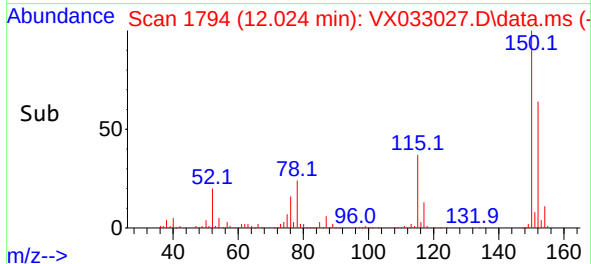
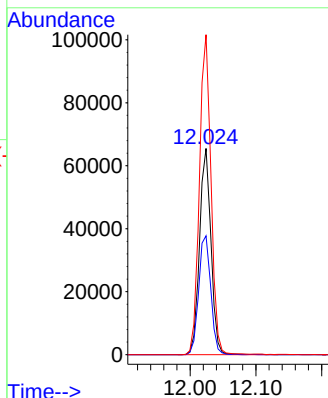
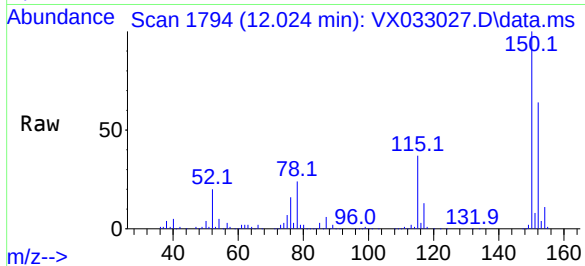




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

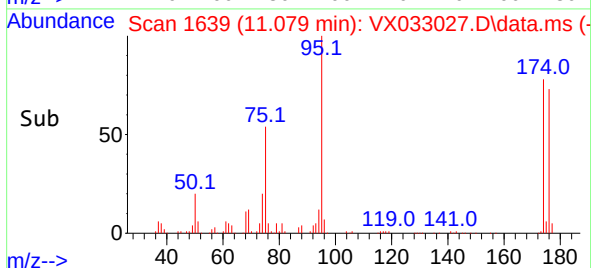
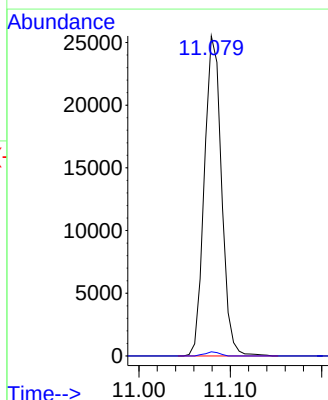
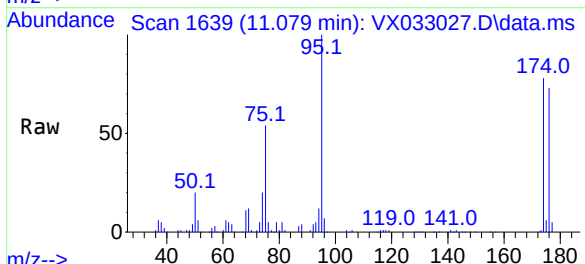
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

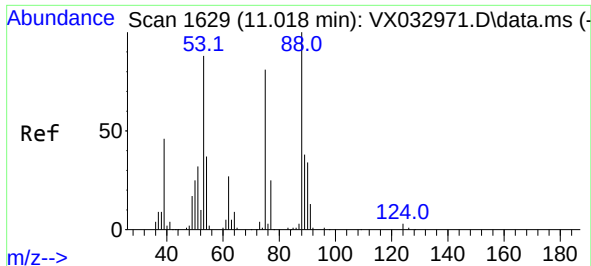
Tgt Ion:152 Resp: 79113
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 156.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

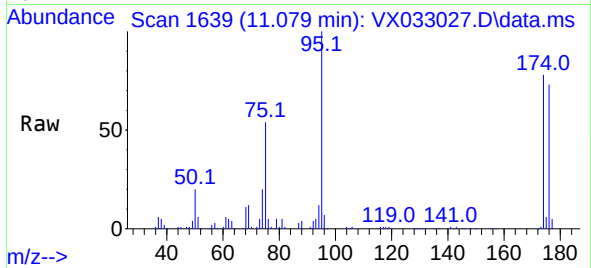
Tgt Ion: 75 Resp: 33205
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.037 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033027.D
Acq: 23 Nov 2022 18:06

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



Tgt Ion: 75 Resp: 33205
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

