

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031263.D
 Acq On : 09 Sep 2022 17:42
 Operator : JC/MD
 Sample : N4497-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 12 00:59:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

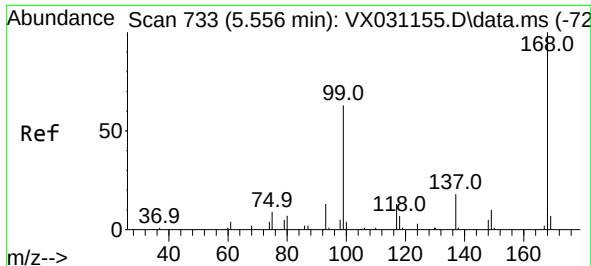
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	45238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	78478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	28612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69138	64.553	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	129.100%#
35) Dibromofluoromethane	5.385	113	42331	49.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	8.653	98	143991	46.342	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.680%
62) 4-Bromofluorobenzene	11.079	95	53420	46.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.820%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.946	59	1526	Below Cal	#	74
16) Acetone	2.386	43	214	0.577	ug/l #	40
18) Methyl Acetate	2.953	43	259	0.270	ug/l #	51
31) Cyclohexane	5.550	56	1482	1.238	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	4723	3.688	ug/l #	46
38) Carbon Tetrachloride	5.556	117	6167	4.577	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	612	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34376	44.023	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34376	141.969	ug/l #	12

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

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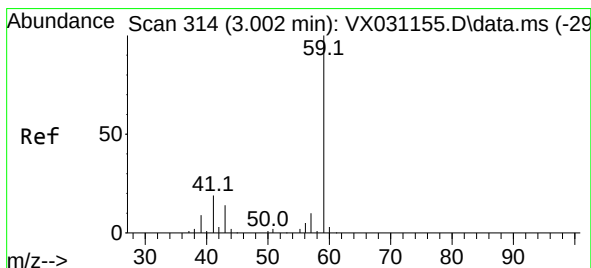
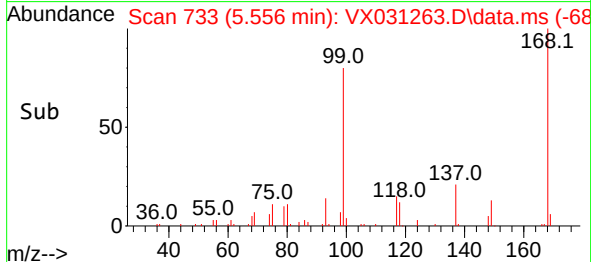
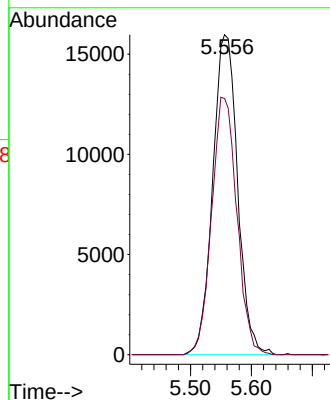
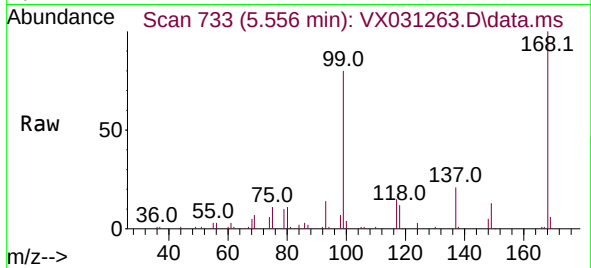




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

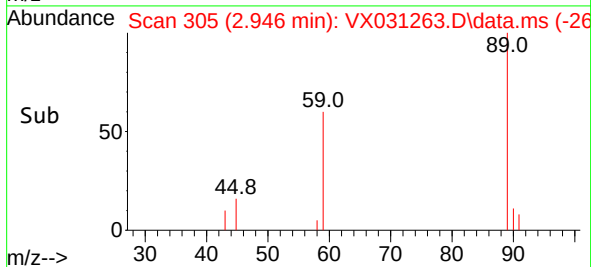
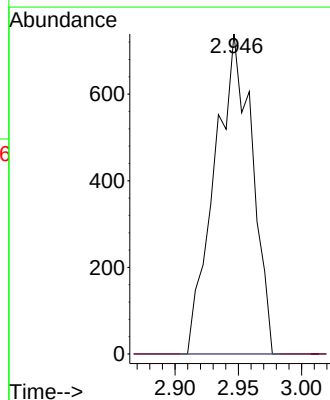
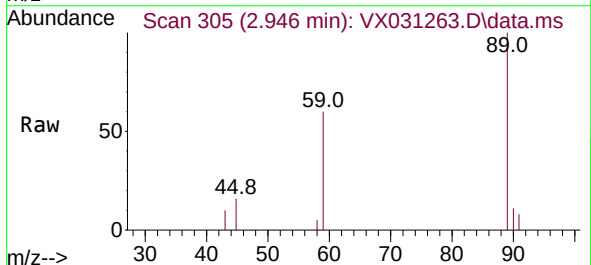
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

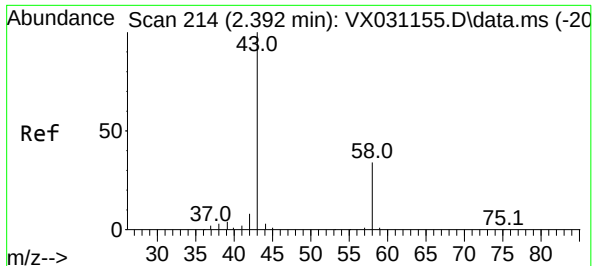
Tgt Ion:168 Resp: 45238
Ion Ratio Lower Upper
168 100
99 80.1 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.056 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

Tgt Ion: 59 Resp: 1526
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

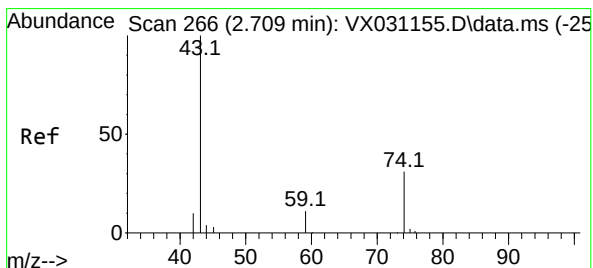
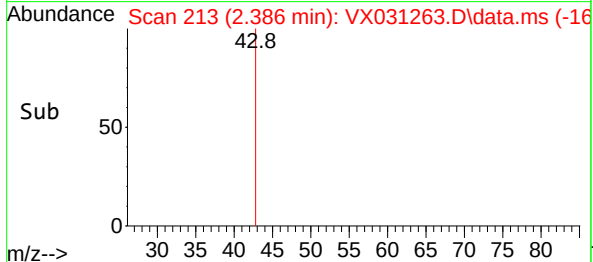
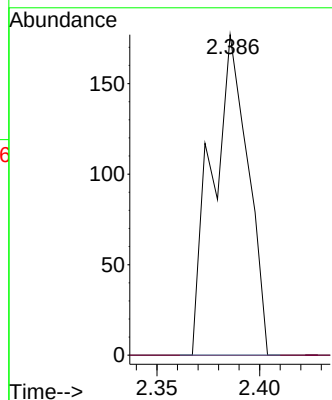
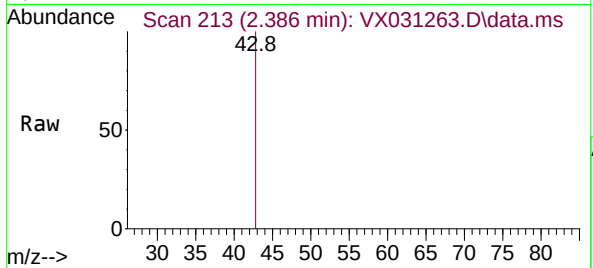




#16
Acetone
Concen: 0.577 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

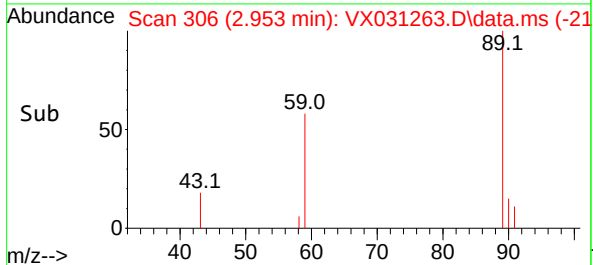
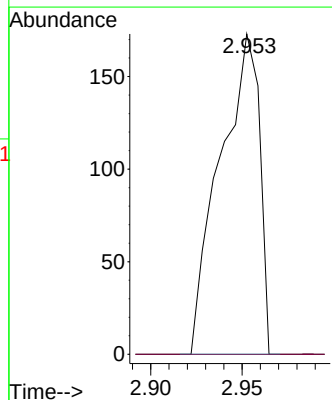
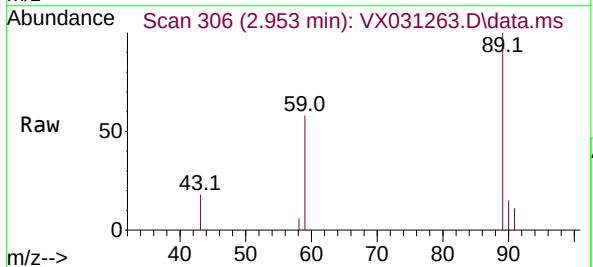
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

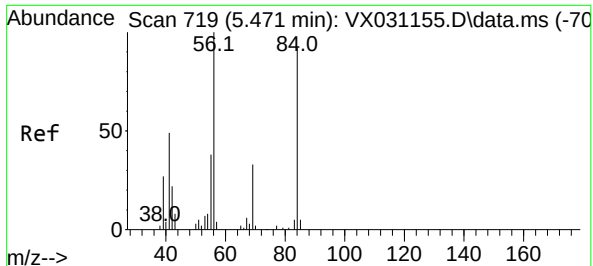
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.244 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

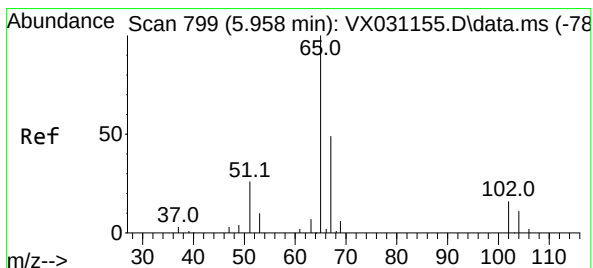
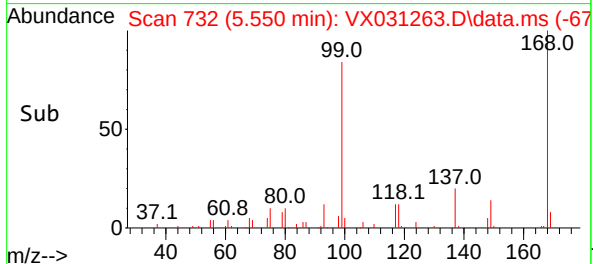
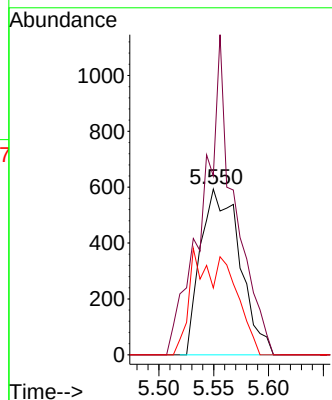
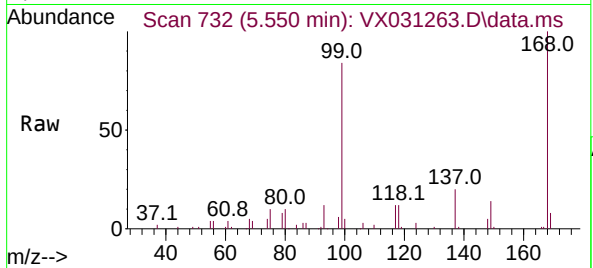




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

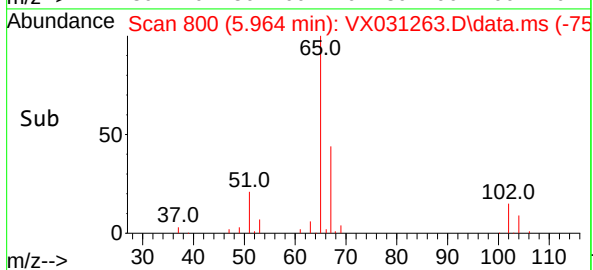
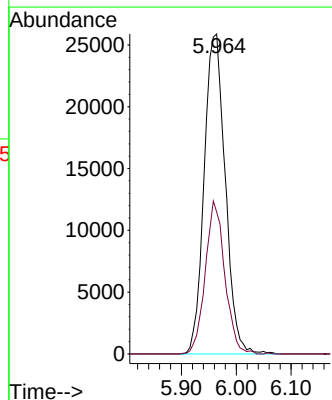
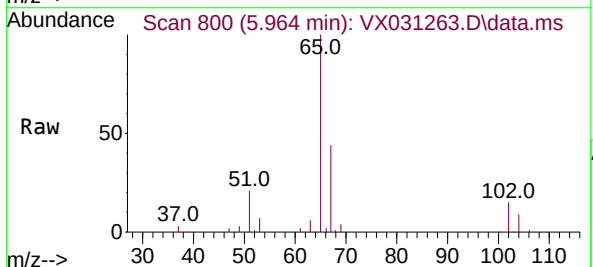
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

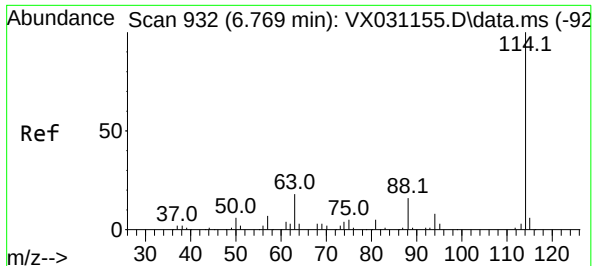
Tgt Ion: 56 Resp: 1482
Ion Ratio Lower Upper
56 100
69 107.9 25.4 38.0#
84 40.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 64.553 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

Tgt Ion: 65 Resp: 69138
Ion Ratio Lower Upper
65 100
67 44.2 0.0 109.6

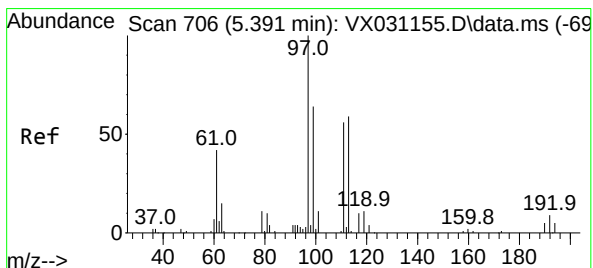
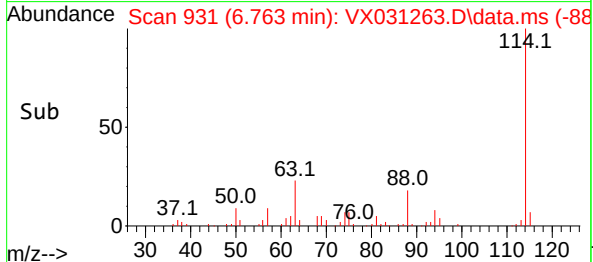
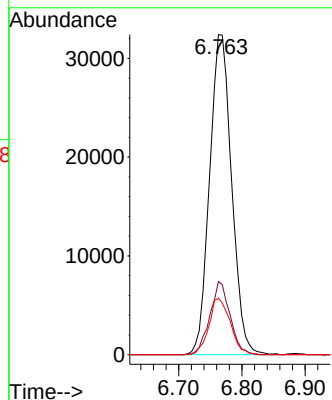
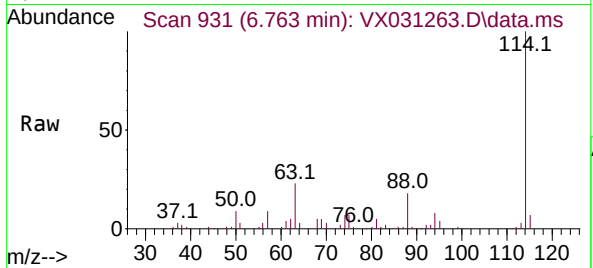




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

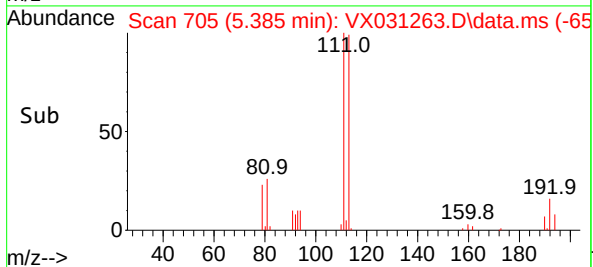
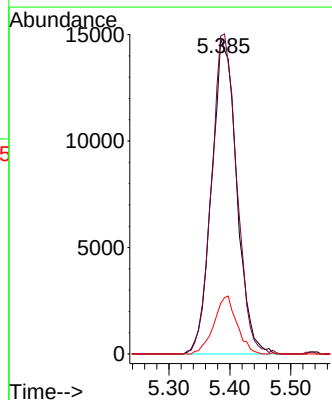
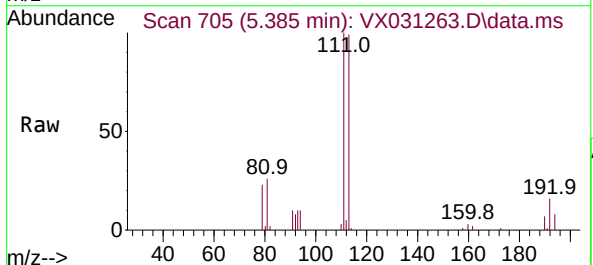
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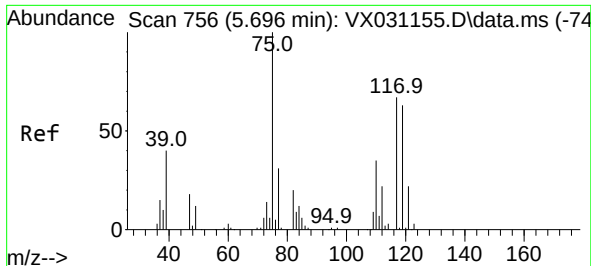
Tgt Ion:114 Resp: 78478
Ion Ratio Lower Upper
114 100
63 22.9 0.0 38.4
88 17.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.498 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

Tgt Ion:113 Resp: 42331
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 16.8 14.8 22.2

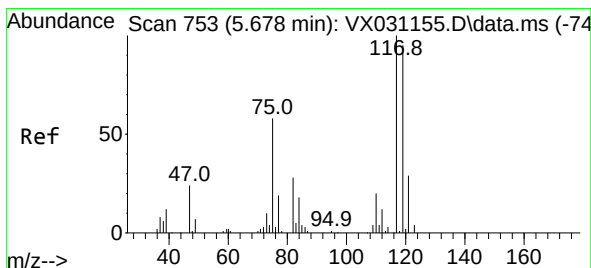
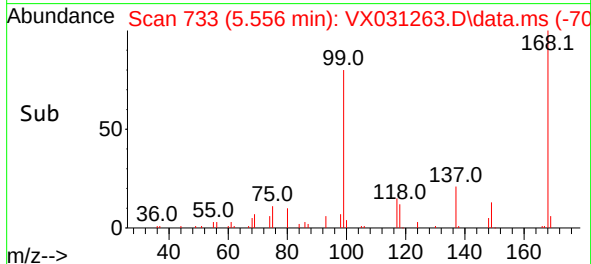
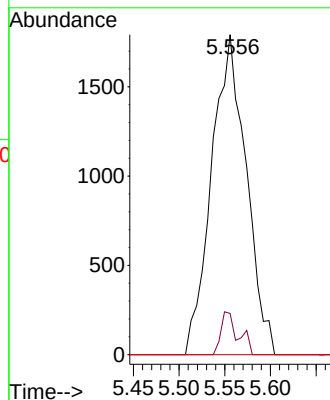
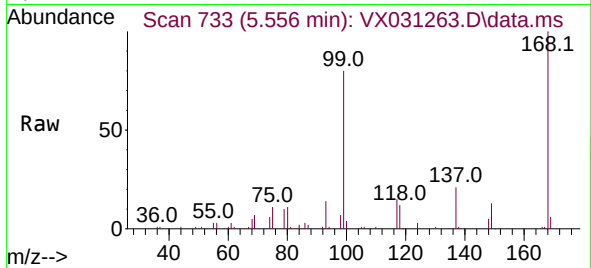




#36
1,1-Dichloropropene
Concen: 3.688 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

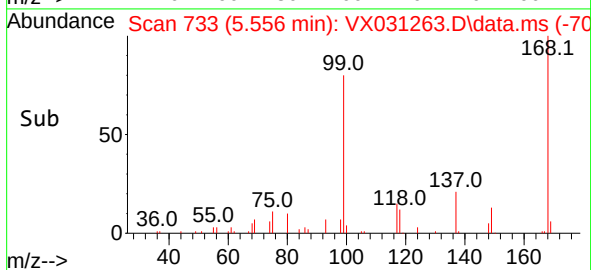
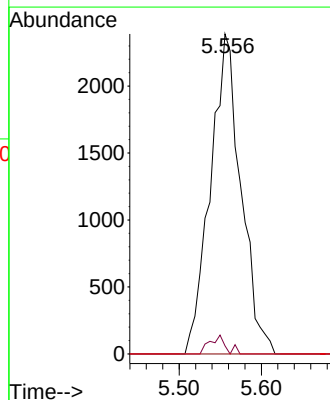
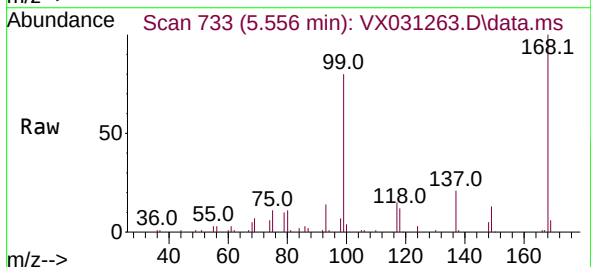
Instrument :
MSVOA_X
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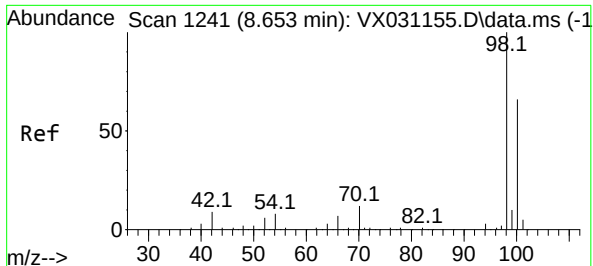
Tgt Ion: 75 Resp: 4723
Ion Ratio Lower Upper
75 100
110 6.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.577 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

Tgt Ion: 117 Resp: 6167
Ion Ratio Lower Upper
117 100
119 2.6 74.1 111.1#
121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 46.342 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031263.D

Acq: 09 Sep 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

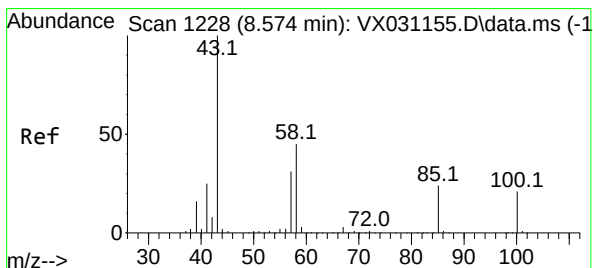
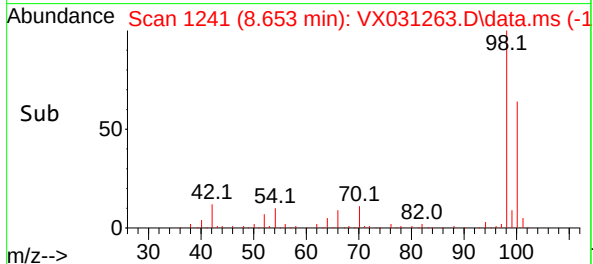
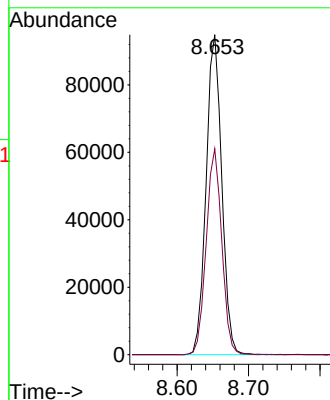
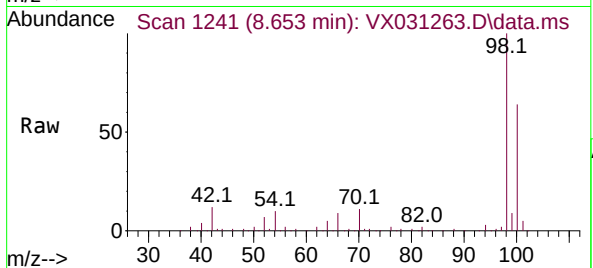
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 143991

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.558 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX031263.D

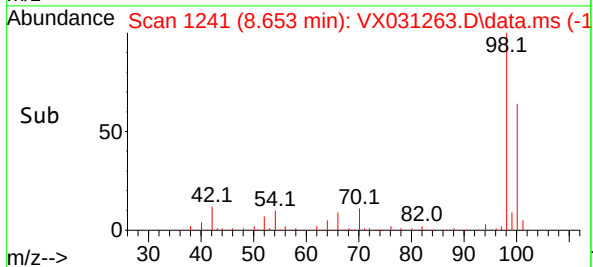
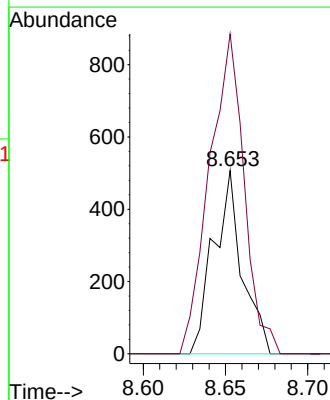
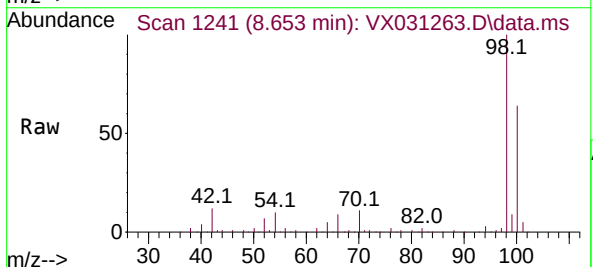
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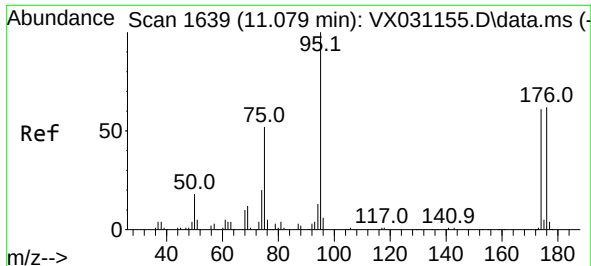
Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

58 212.1 31.4 47.2#

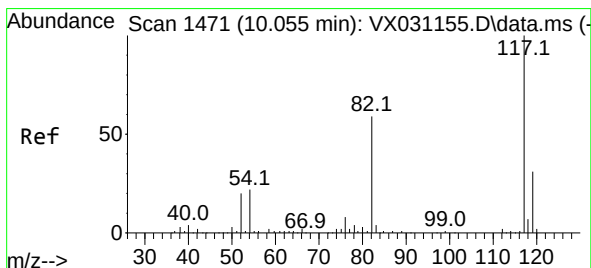
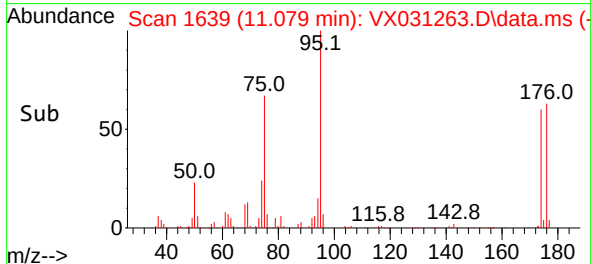
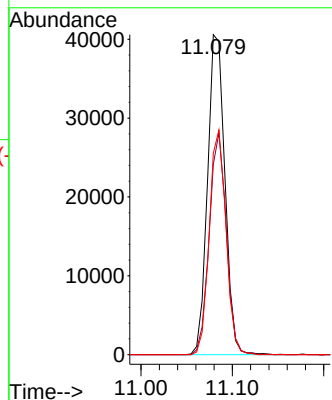
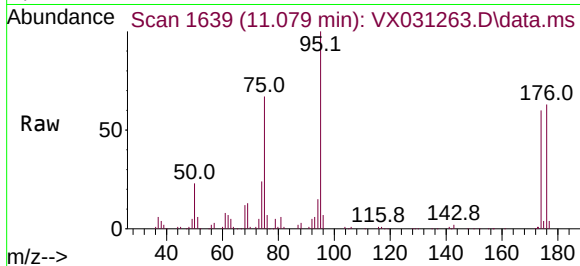




#62
4-Bromofluorobenzene
Concen: 46.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

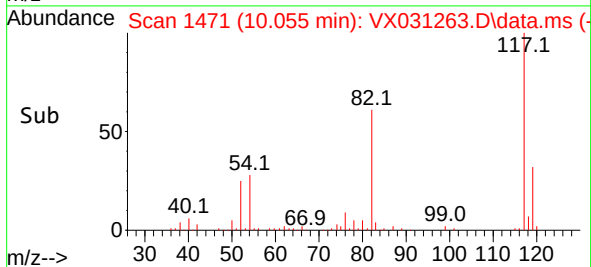
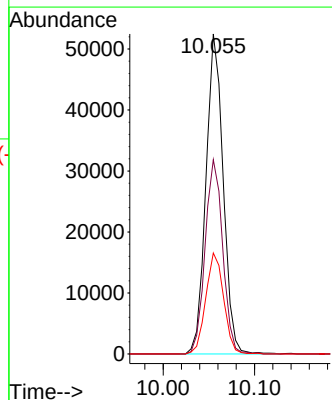
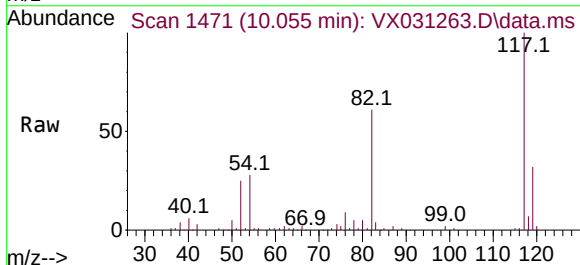
Instrument :
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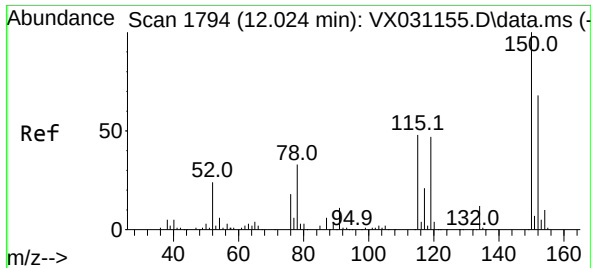
Tgt Ion: 95 Resp: 53420
Ion Ratio Lower Upper
95 100
174 68.0 0.0 149.0
176 67.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031263.D
Acq: 09 Sep 2022 17:42

Tgt Ion: 117 Resp: 68475
Ion Ratio Lower Upper
117 100
82 60.7 42.7 64.1
119 31.5 25.4 38.2

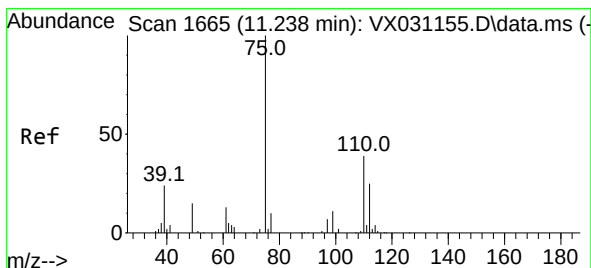
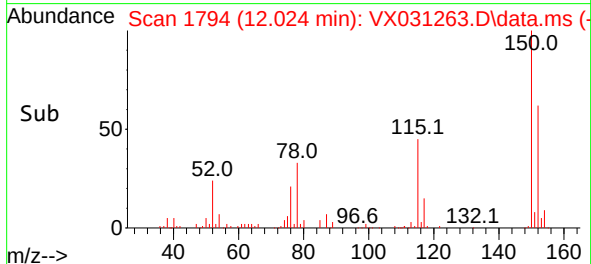
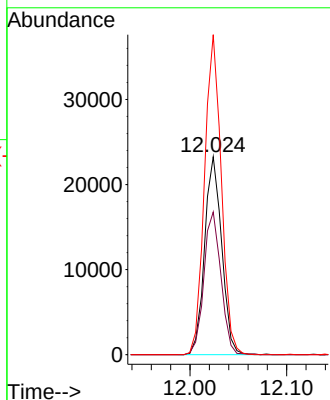
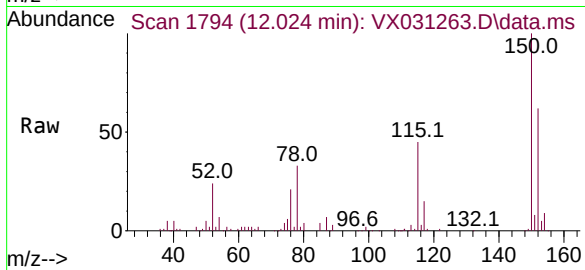




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX031263.D
 Acq: 09 Sep 2022 17:42

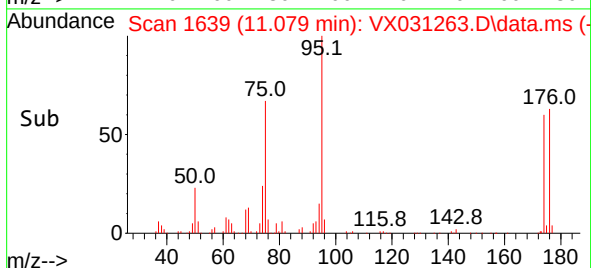
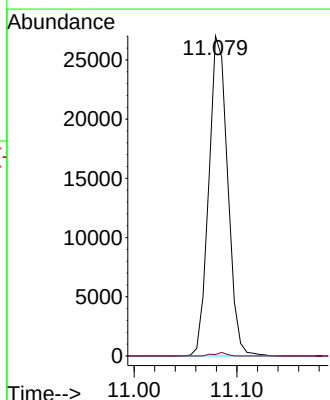
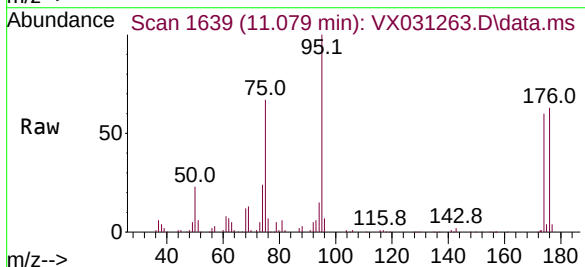
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

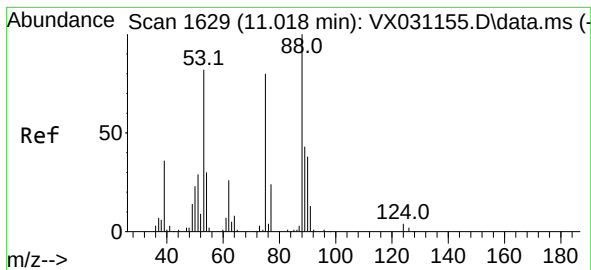
Tgt Ion:152 Resp: 28612
 Ion Ratio Lower Upper
 152 100
 115 72.0 40.5 121.5
 150 158.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 44.023 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031263.D
 Acq: 09 Sep 2022 17:42

Tgt Ion: 75 Resp: 34376
 Ion Ratio Lower Upper
 75 100
 77 0.7 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.969 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031263.D
 Acq: 09 Sep 2022 17:42

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

Tgt Ion: 75 Resp: 34376
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

