

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029085.D
 Acq On : 31 May 2022 19:38
 Operator : JC/MD
 Sample : N3103-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 01 05:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

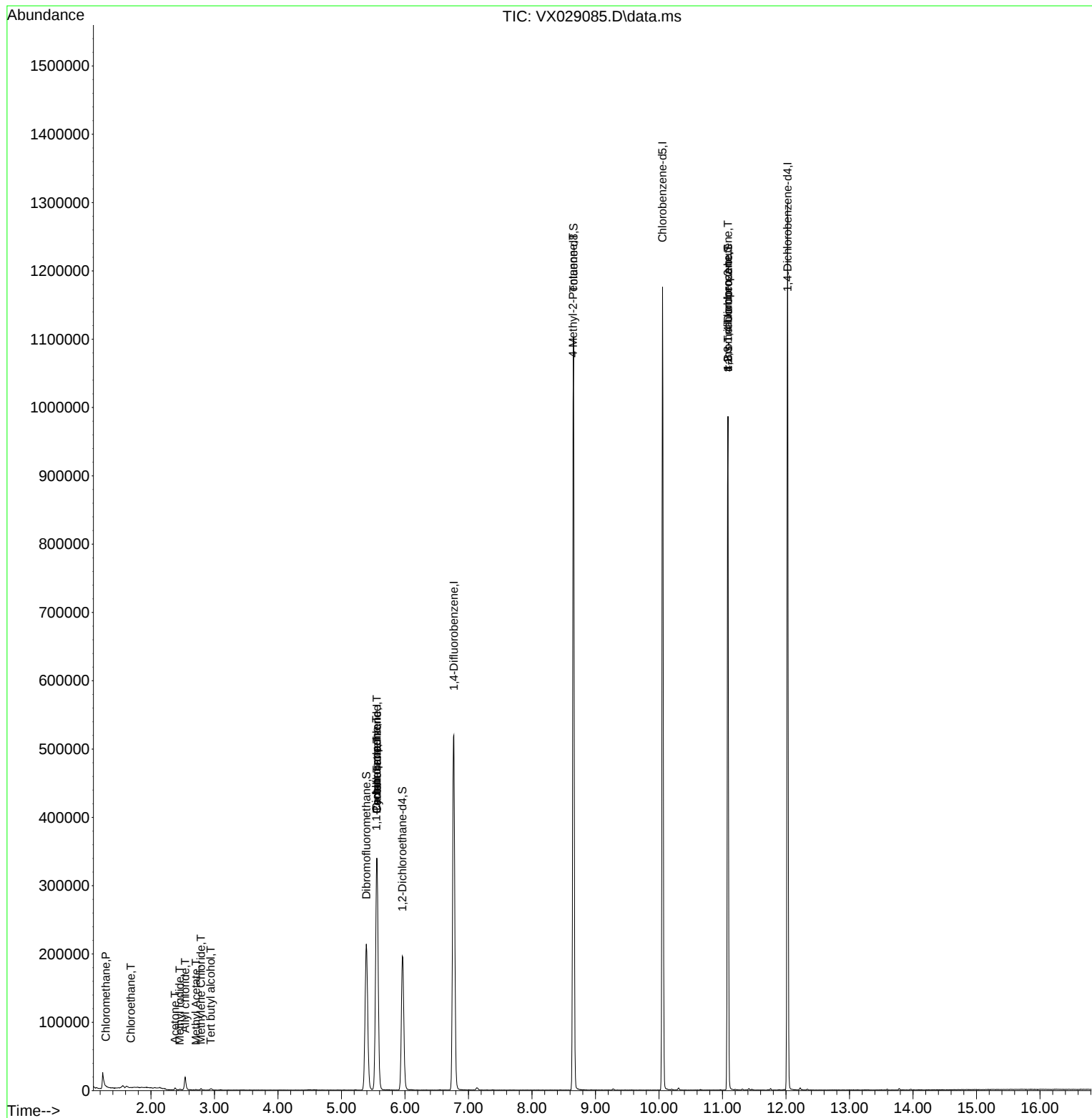
Internal Standards						
1) Pentafluorobenzene	5.556	168	341799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	582526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192732	50.005	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.000%
35) Dibromofluoromethane	5.391	113	190420	49.213	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.420%
50) Toluene-d8	8.653	98	669422	47.304	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.600%
62) 4-Bromofluorobenzene	11.086	95	268891	49.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.300%
Target Compounds						
						Qvalue
3) Chloromethane	1.289	50	702	0.226	ug/l	97
5) Bromomethane	1.618	94	1124	Below Cal		94
6) Chloroethane	1.685	64	613	1.603	ug/l	89
10) Methyl Iodide	2.453	142	1059	4.478	ug/l #	95
11) Tert butyl alcohol	2.941	59	1200	1.344	ug/l #	72
14) Allyl chloride	2.538	41	1954	0.422	ug/l #	61
16) Acetone	2.380	43	2730	1.799	ug/l #	84
18) Methyl Acetate	2.709	43	798	0.203	ug/l #	81
20) Methylene Chloride	2.788	84	893	0.252	ug/l #	83
31) Cyclohexane	5.556	56	5613	1.120	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23338	4.688	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33408	5.872	ug/l #	16
44) Trichloroethene	7.123	130	1633	Below Cal		87
51) 4-Methyl-2-Pentanone	8.647	43	2160	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.086	75	124843	22.287	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	124843	65.386	ug/l #	15
94) Hexachlorobutadiene	13.719	225	116	Below Cal	#	43

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

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STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 01 05:00:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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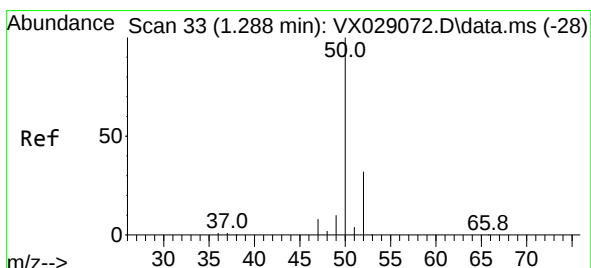
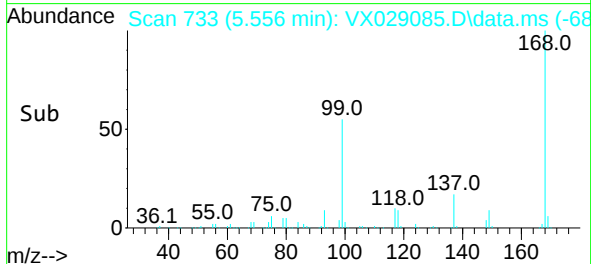
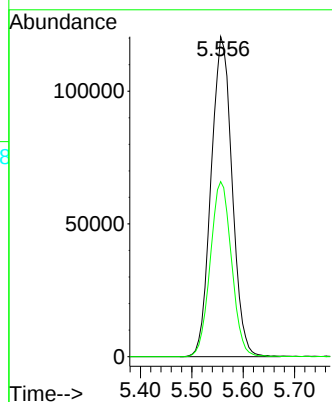
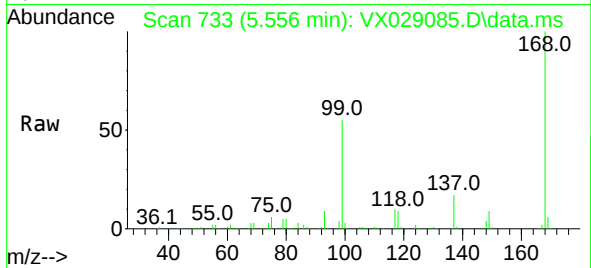




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

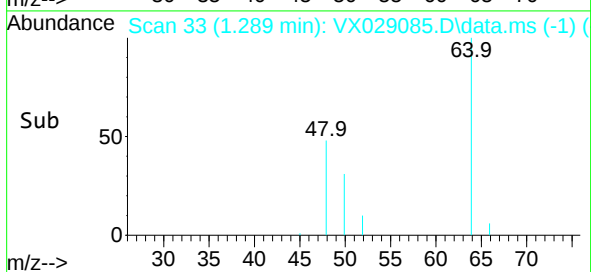
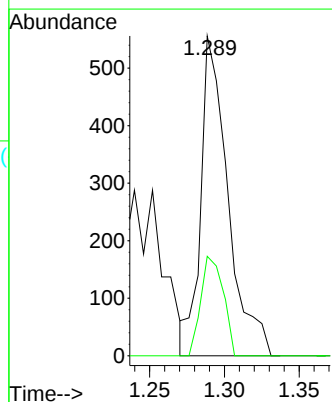
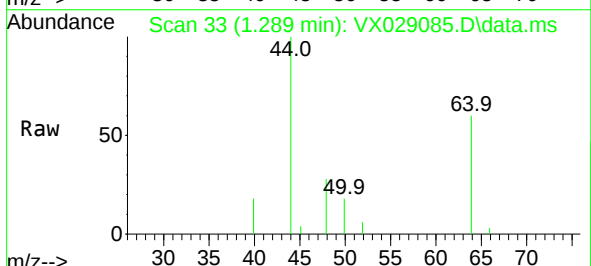
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 341799
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.289 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 50 Resp: 702
Ion Ratio Lower Upper
50 100
52 31.1 26.4 39.6

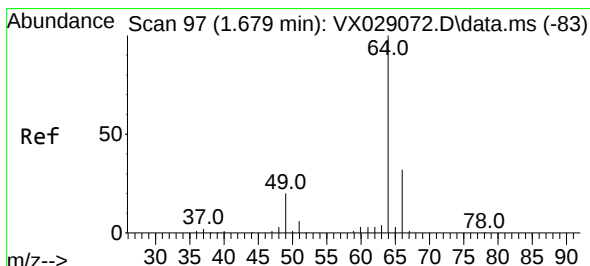
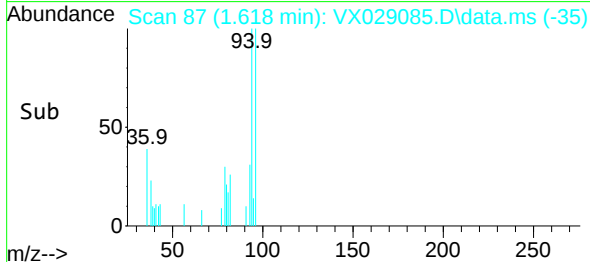
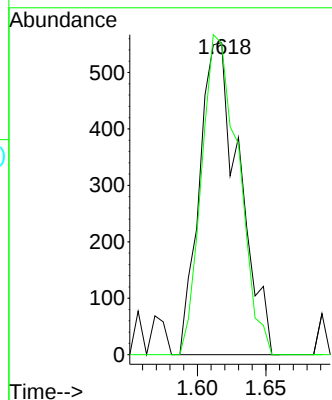
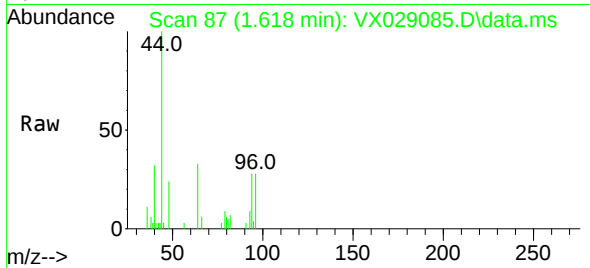




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

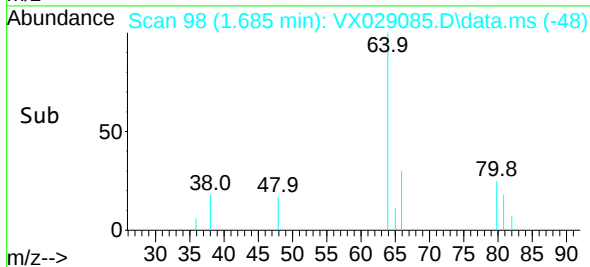
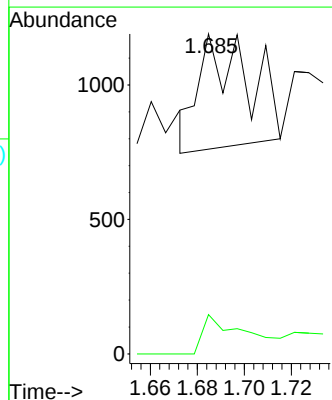
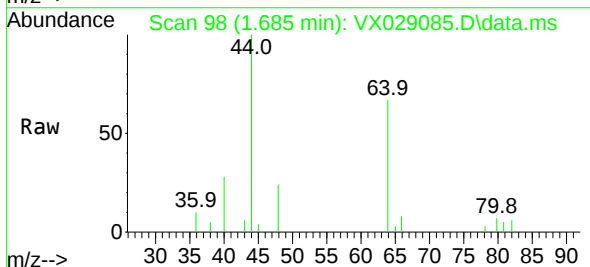
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

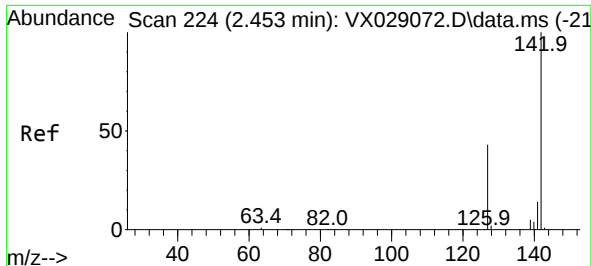
Tgt Ion: 94 Resp: 1124
Ion Ratio Lower Upper
94 100
96 99.8 75.3 112.9



#6
Chloroethane
Concen: 1.603 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 64 Resp: 613
Ion Ratio Lower Upper
64 100
66 37.4 25.3 37.9

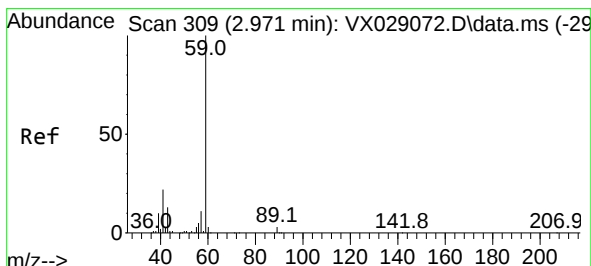
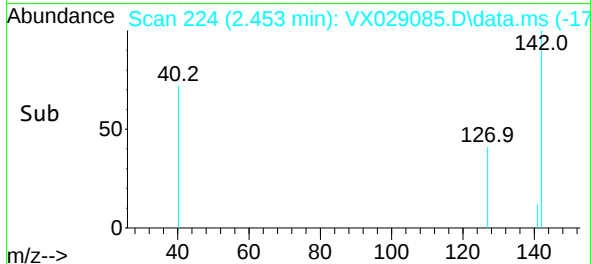
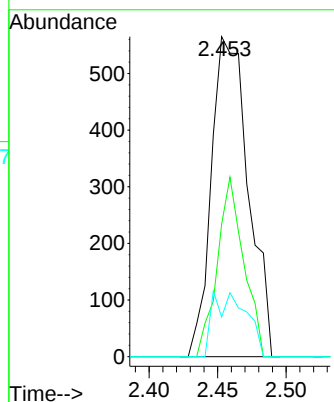
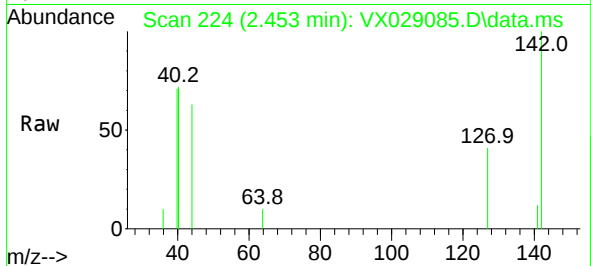




#10
Methyl Iodide
Concen: 4.478 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

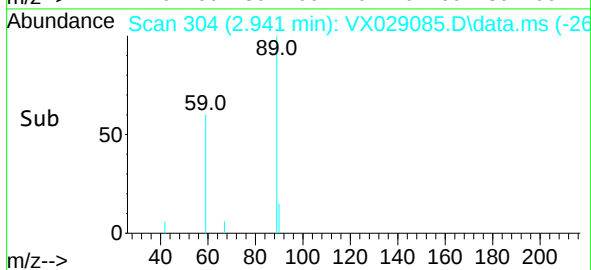
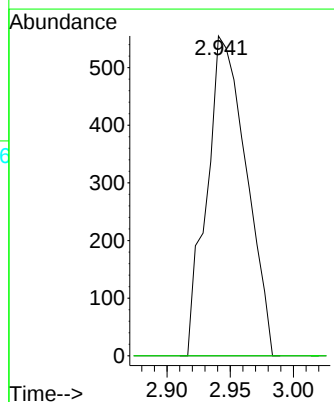
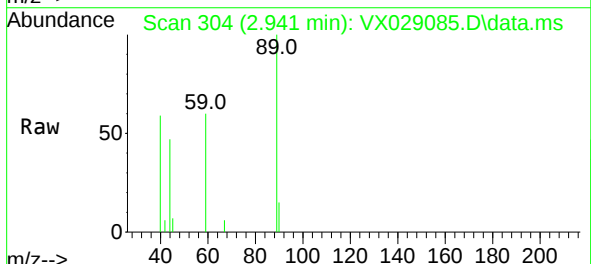
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

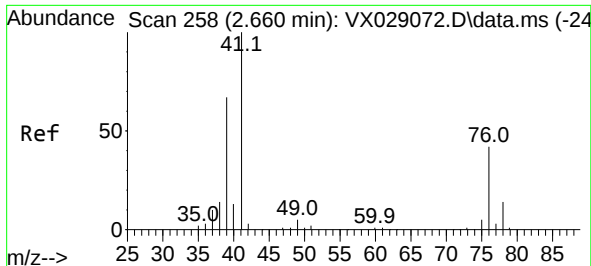
Tgt Ion:142 Resp: 1059
Ion Ratio Lower Upper
142 100
127 39.9 33.9 50.9
141 18.1 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.344 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 59 Resp: 1200
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.422 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.122 min

Lab File: VX029085.D

Acq: 31 May 2022 19:38

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

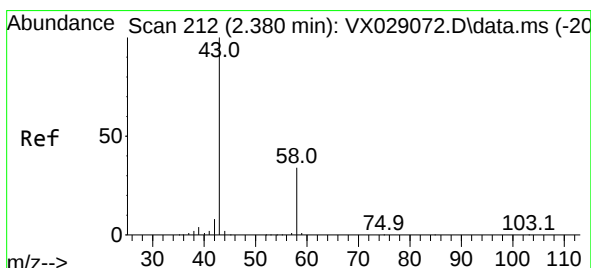
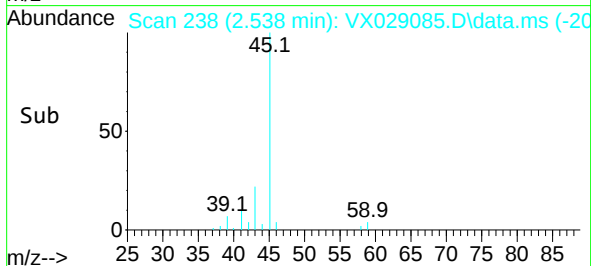
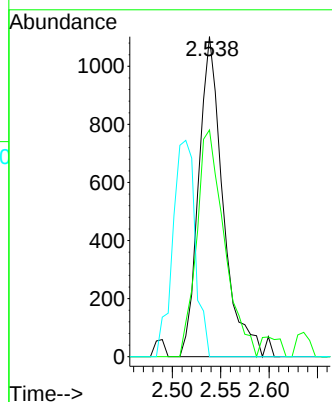
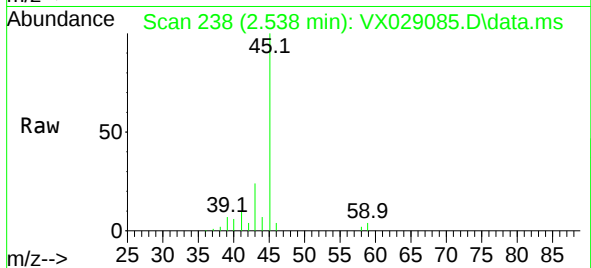
Tgt Ion: 41 Resp: 1954

Ion Ratio Lower Upper

41 100

39 79.5 50.4 75.6#

76 0.0 32.7 49.1#



#16

Acetone

Concen: 1.799 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX029085.D

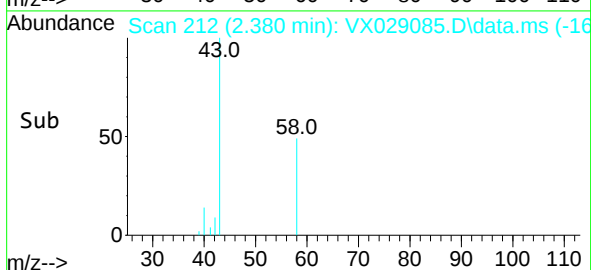
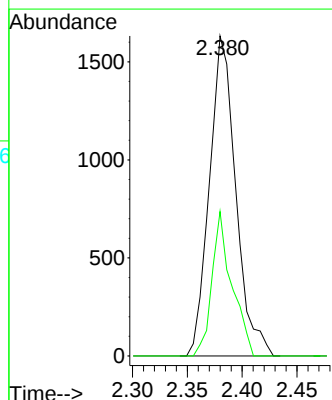
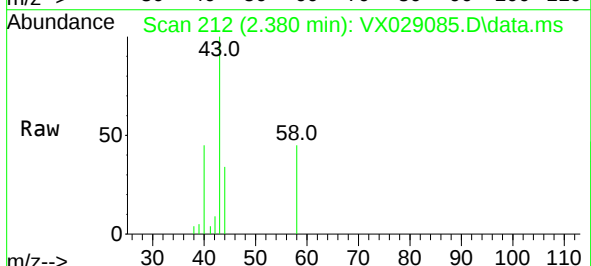
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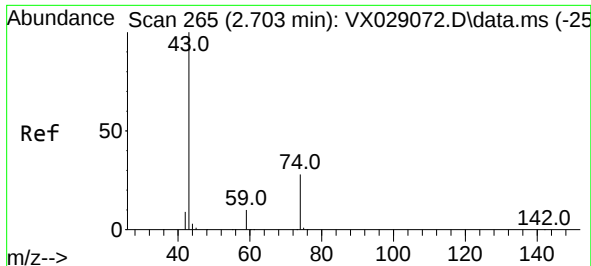
Tgt Ion: 43 Resp: 2730

Ion Ratio Lower Upper

43 100

58 45.2 28.8 43.2#

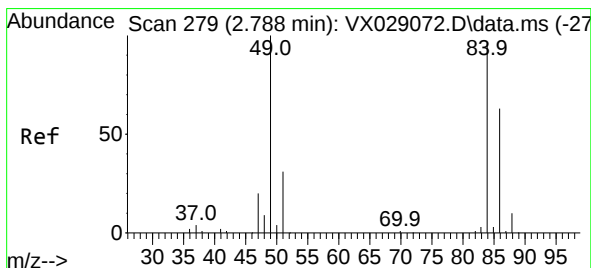
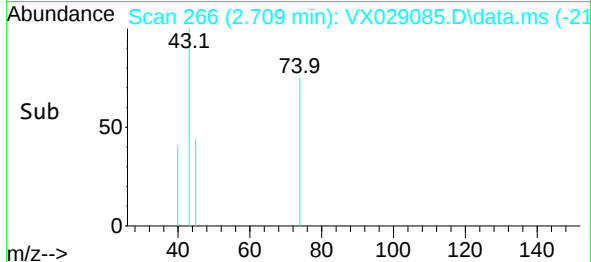
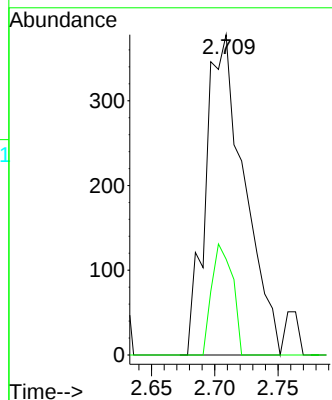
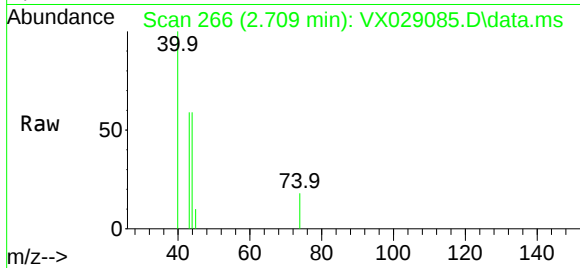




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

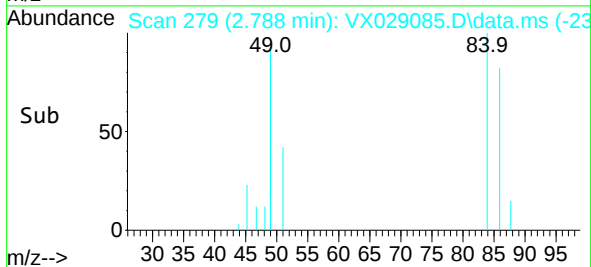
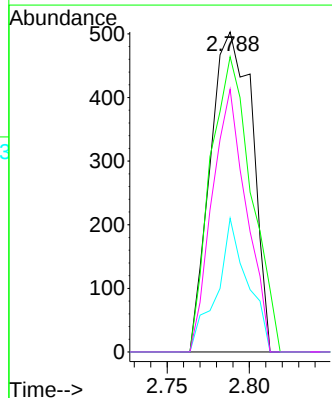
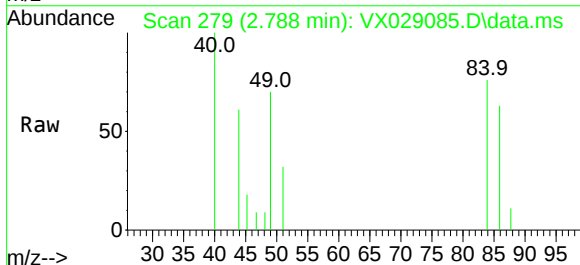
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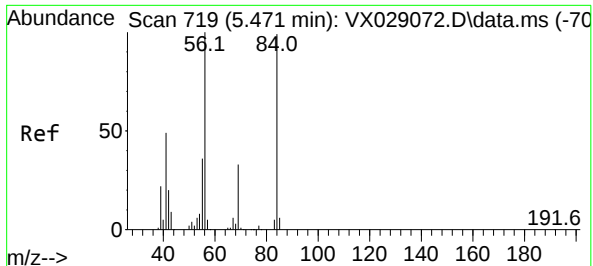
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
74 18.7 22.8 34.2#



#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 84 Resp: 893
Ion Ratio Lower Upper
84 100
49 92.2 85.5 128.3
51 41.7 26.6 39.8#
86 82.1 51.5 77.3#

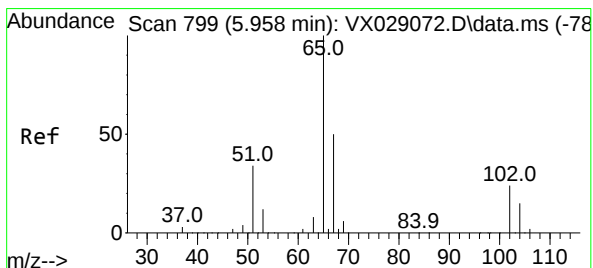
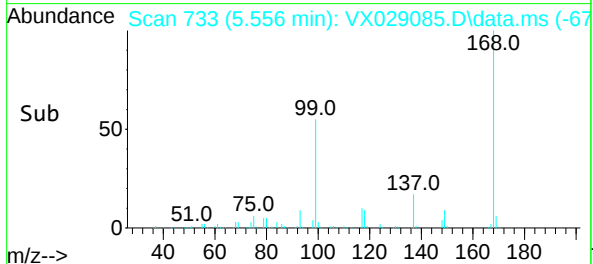
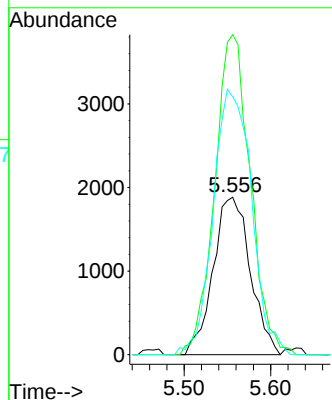
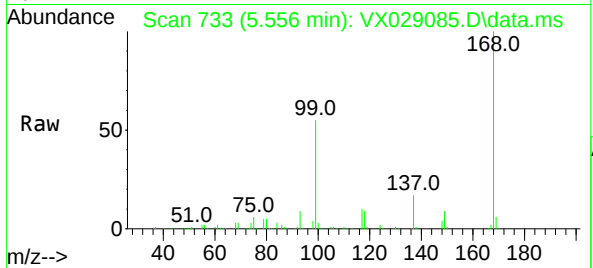




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

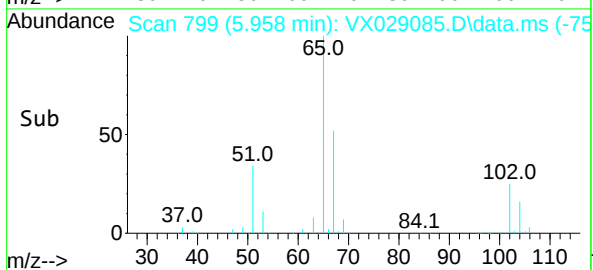
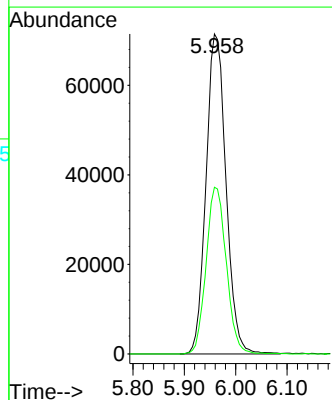
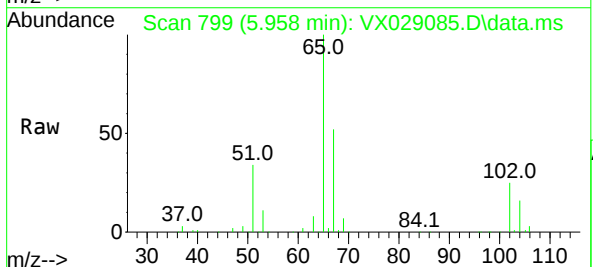
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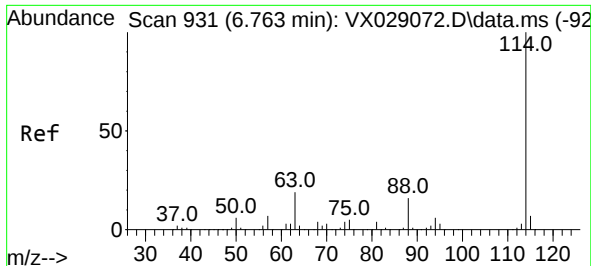
Tgt Ion: 56 Resp: 5613
Ion Ratio Lower Upper
56 100
69 203.2 26.7 40.1#
84 159.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.005 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 65 Resp: 192732
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

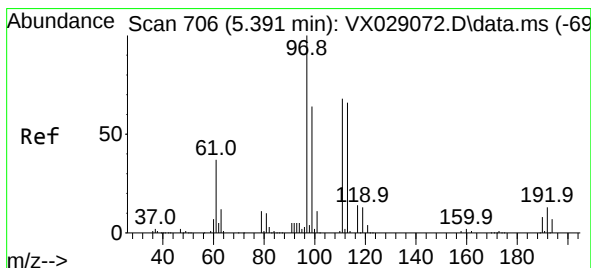
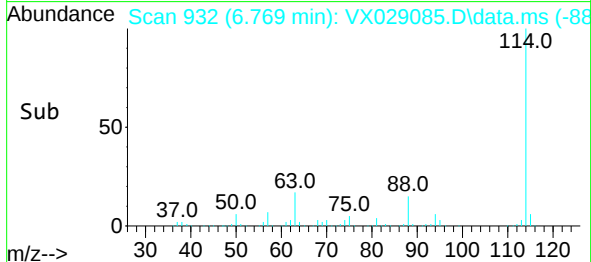
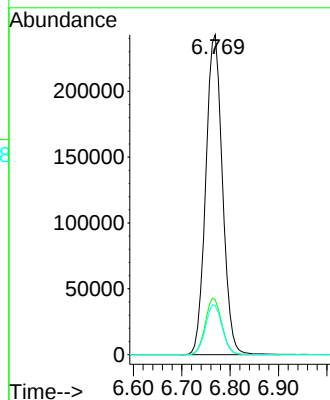
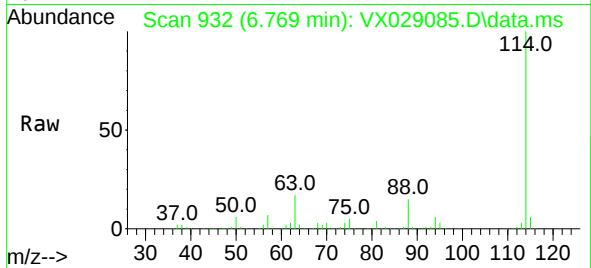




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

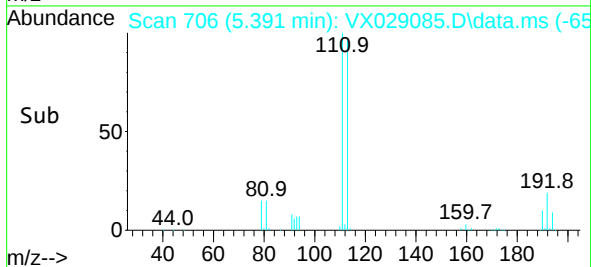
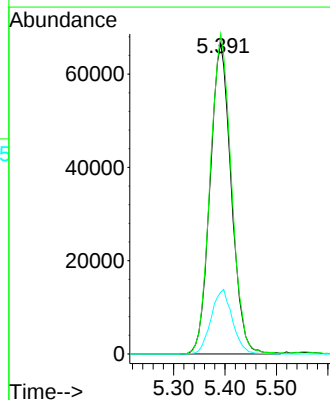
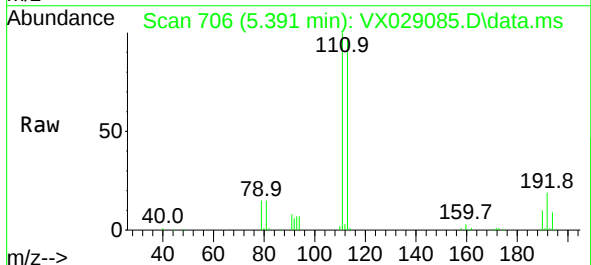
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

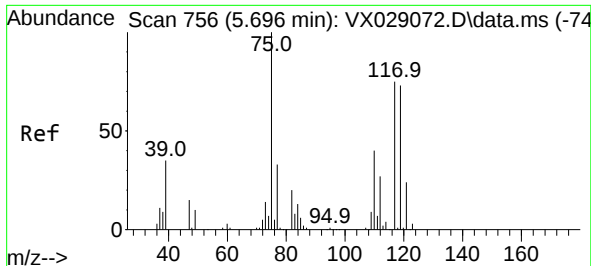
Tgt Ion:114 Resp: 582526
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.213 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion:113 Resp: 190420
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.9 16.9 25.3

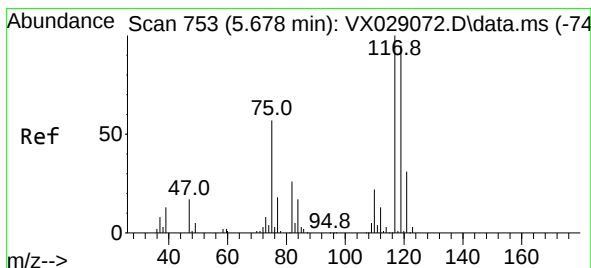
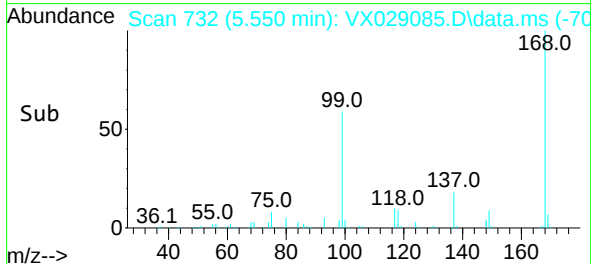
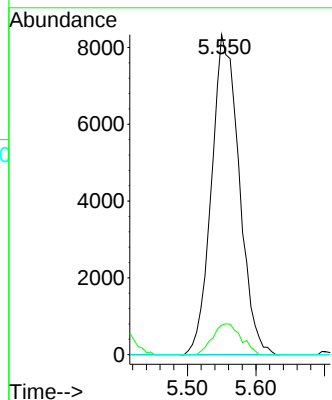
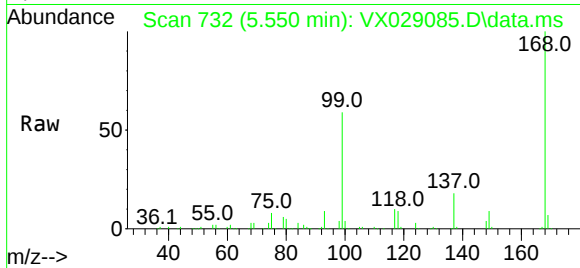




#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

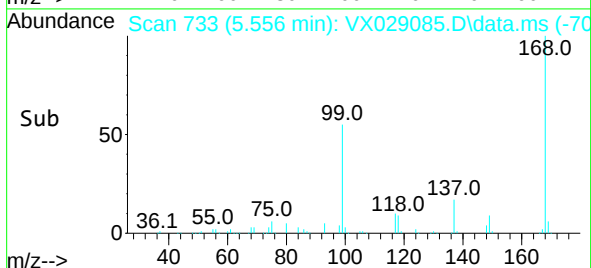
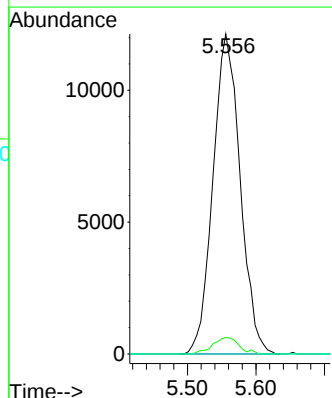
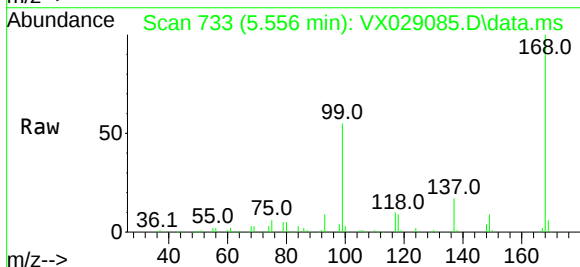
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

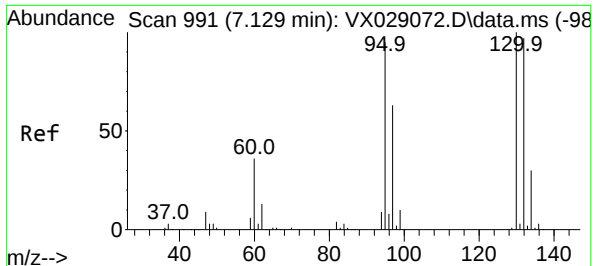
Tgt Ion: 75 Resp: 23338
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 117 Resp: 33408
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#

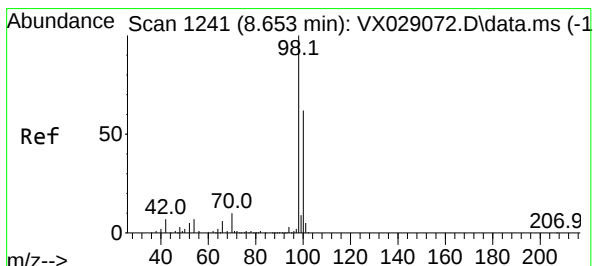
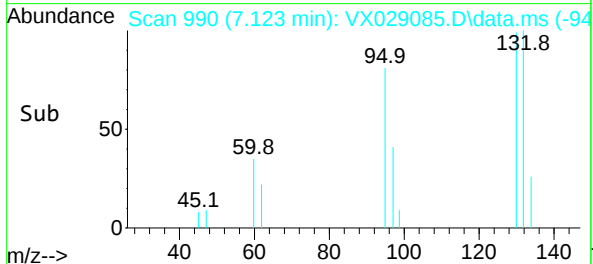
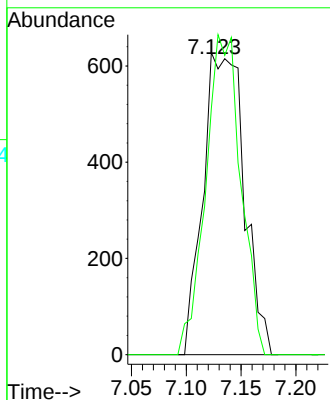
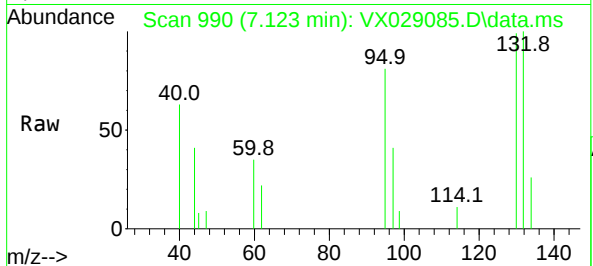




#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

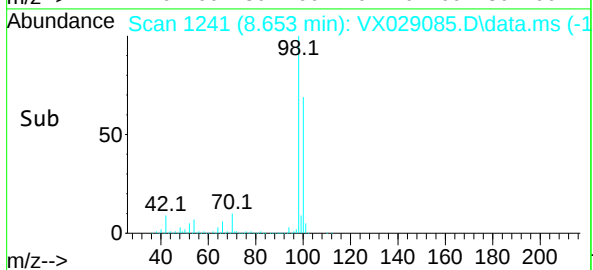
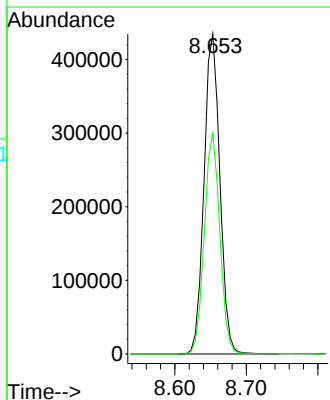
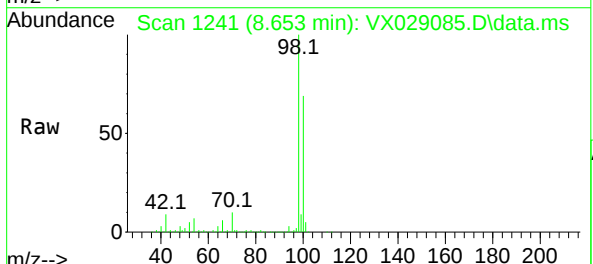
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

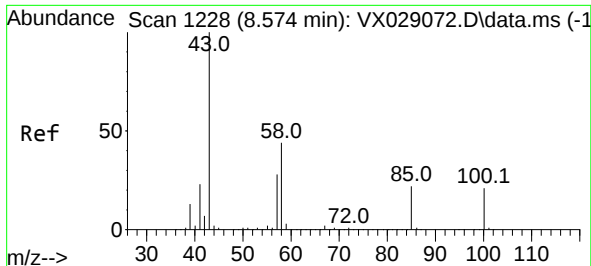
Tgt Ion:130 Resp: 1633
Ion Ratio Lower Upper
130 100
95 81.4 0.0 188.8



#50
Toluene-d8
Concen: 47.304 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 98 Resp: 669422
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8

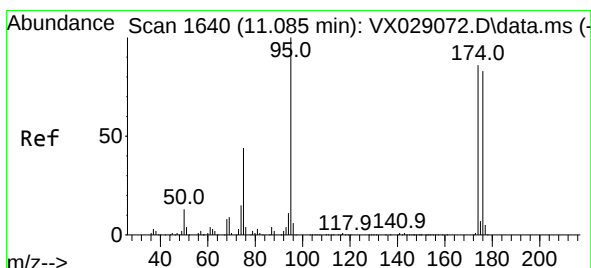
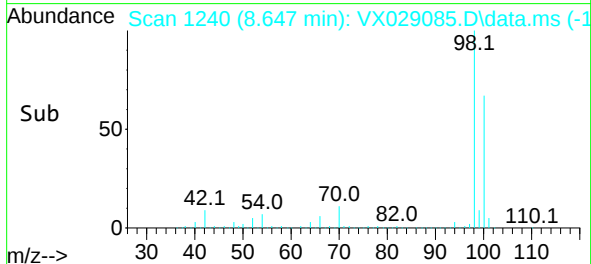
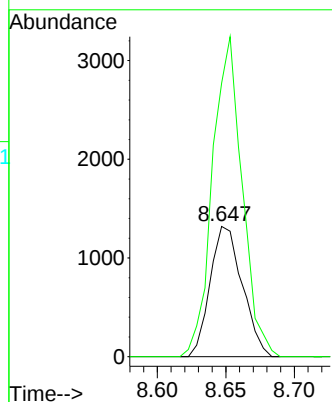
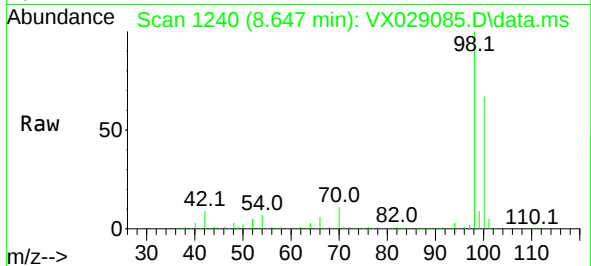




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

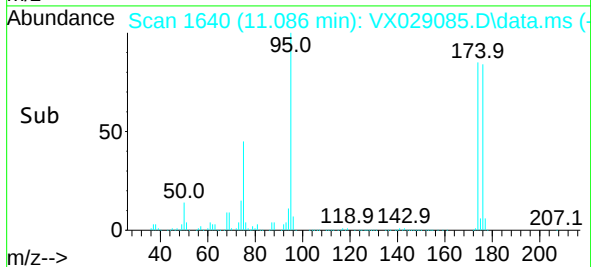
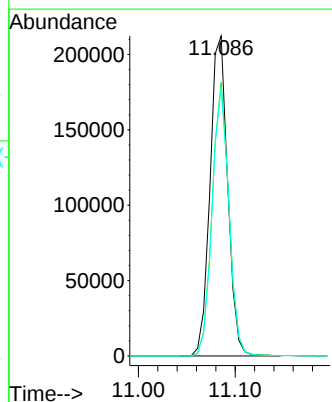
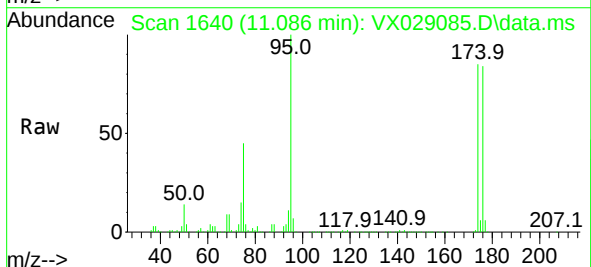
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

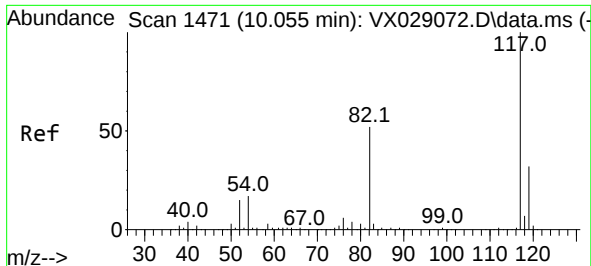
Tgt Ion: 43 Resp: 2160
Ion Ratio Lower Upper
43 100
58 226.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.155 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion: 95 Resp: 268891
Ion Ratio Lower Upper
95 100
174 81.5 0.0 163.0
176 80.2 0.0 155.0

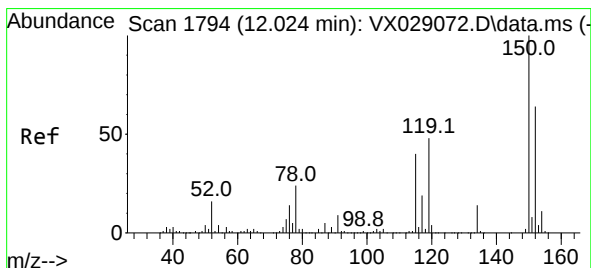
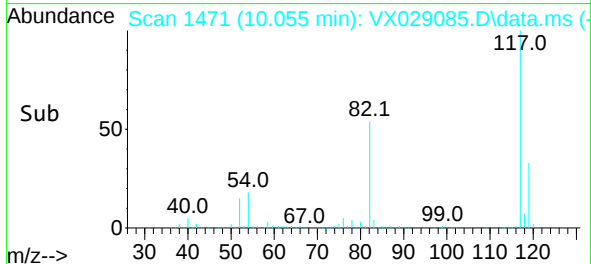
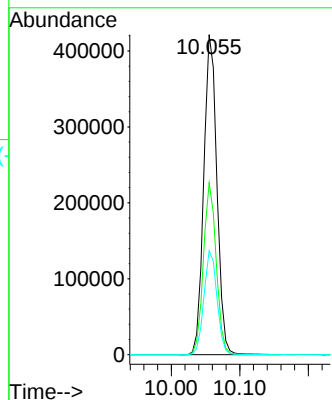
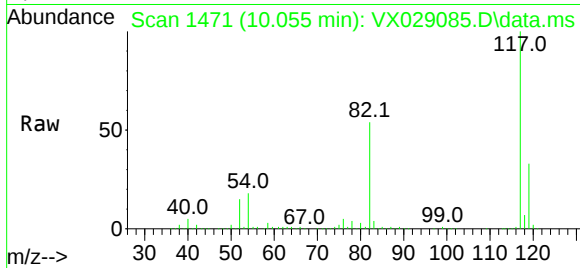




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

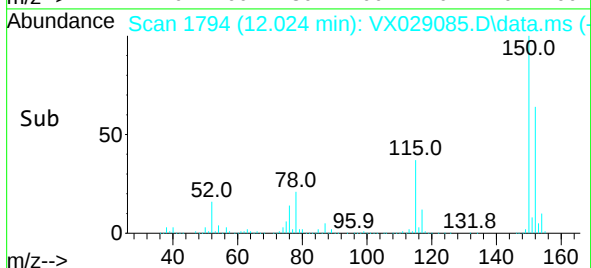
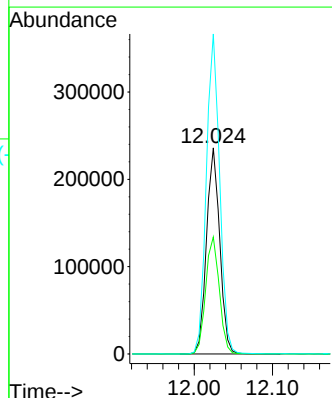
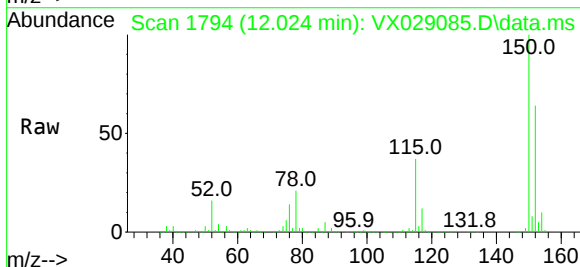
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

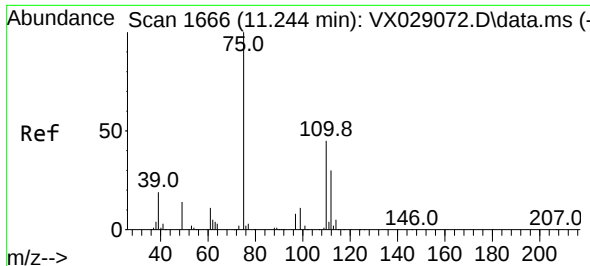
Tgt Ion:117 Resp: 564311
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Tgt Ion:152 Resp: 276325
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 155.9 0.0 338.2

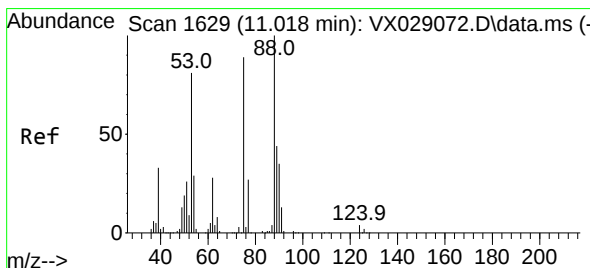
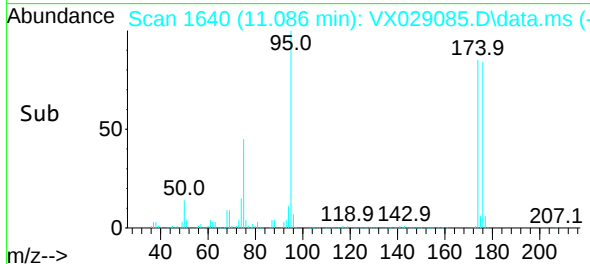
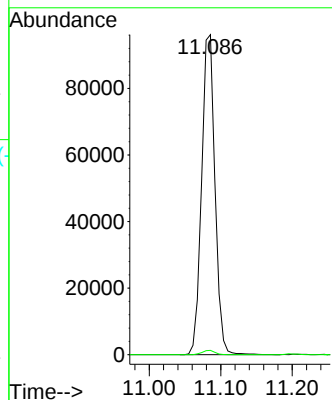
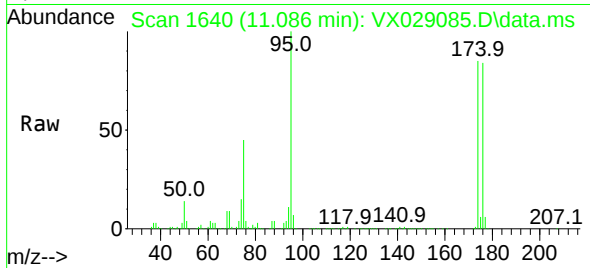




#76
1,2,3-Trichloropropane
Concen: 22.287 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

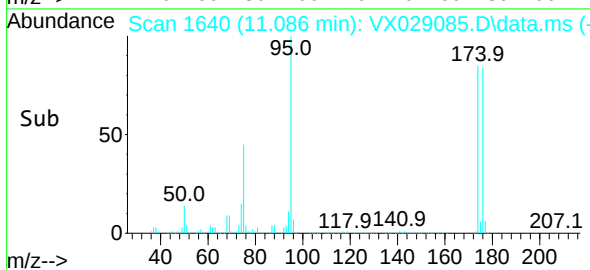
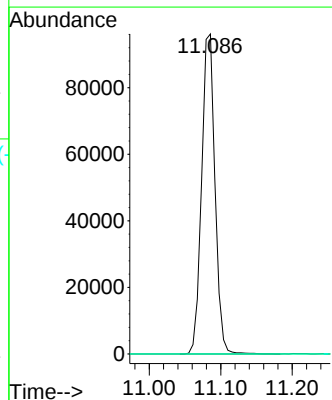
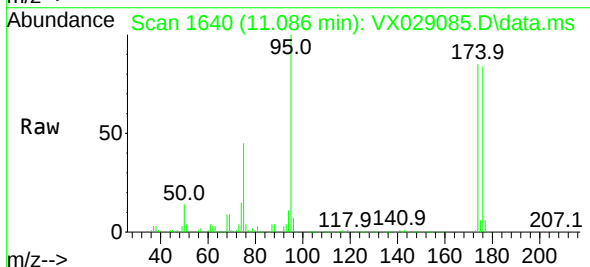
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

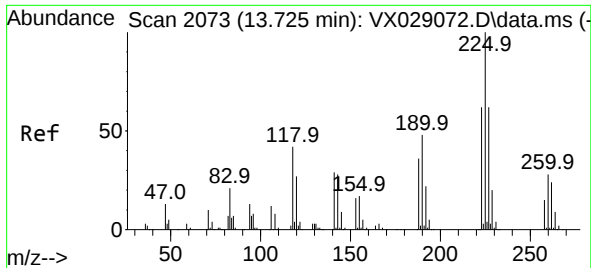
Tgt Ion: 75 Resp: 124843
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.386 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.068 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

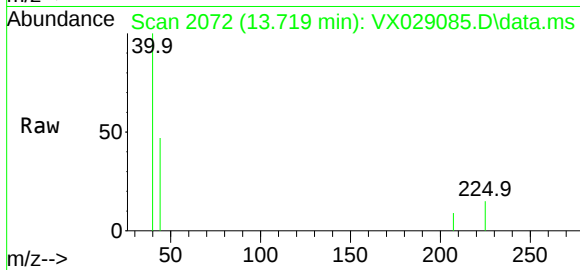
Tgt Ion: 75 Resp: 124843
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX029085.D
Acq: 31 May 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



Tgt Ion:225 Resp: 116
Ion Ratio Lower Upper
225 100
223 43.1 34.2 102.5
227 0.0 33.9 101.7#

