

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031033.D
 Acq On : 01 Sep 2022 20:32
 Operator : JC/MD
 Sample : N4281-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 02 02:56:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

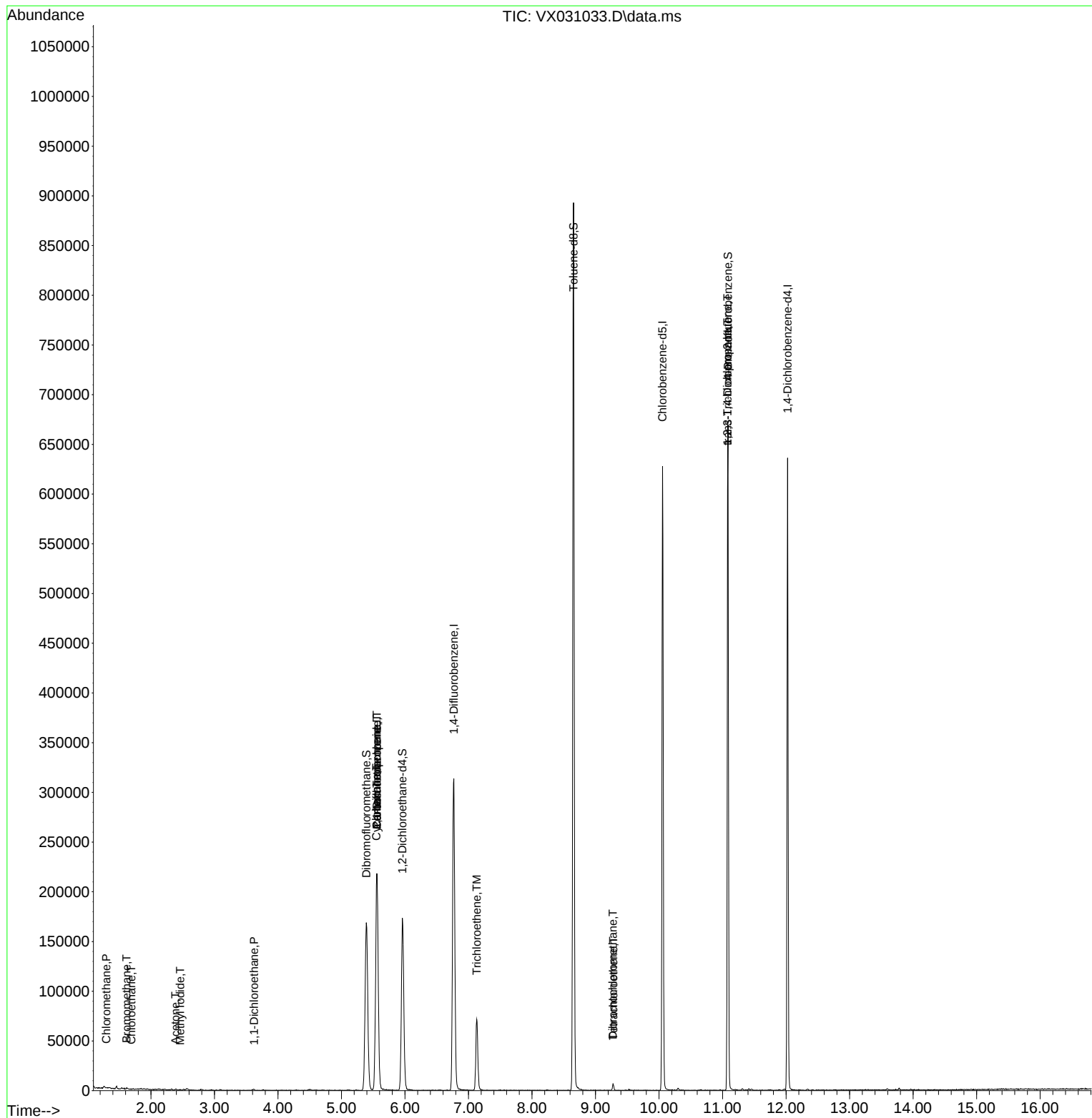
Internal Standards						
1) Pentafluorobenzene	5.556	168	221563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	356912	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163164	57.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.460%	
35) Dibromofluoromethane	5.391	113	155210	59.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.180%	
50) Toluene-d8	8.653	98	558742	58.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.580%#	
62) 4-Bromofluorobenzene	11.085	95	187069	55.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	173	0.779	ug/l #	42
5) Bromomethane	1.618	94	299	0.281	ug/l #	45
6) Chloroethane	1.691	64	43	1.764	ug/l #	41
10) Methyl Iodide	2.459	142	462	3.077	ug/l #	81
16) Acetone	2.386	43	1272	1.156	ug/l	99
20) Methylene Chloride	2.782	84	562	Below Cal	#	60
24) 1,1-Dichloroethane	3.623	63	1175	0.253	ug/l #	82
31) Cyclohexane	5.550	56	3267	0.839	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15206	4.168	ug/l #	49
38) Carbon Tetrachloride	5.556	117	20984	5.541	ug/l #	18
44) Trichloroethene	7.129	130	31385	9.467	ug/l	78
60) Dibromochloromethane	9.275	129	1032	0.344	ug/l #	11
64) Tetrachloroethene	9.281	164	1262	0.400	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	85157	26.298	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85157	82.648	ug/l #	13

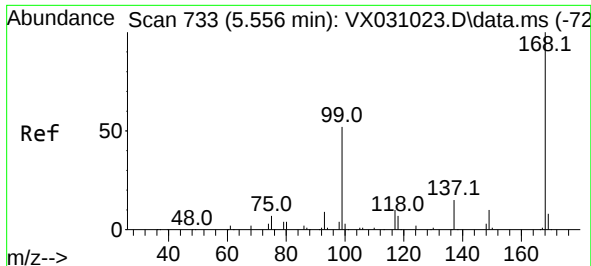
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
Data File : VX031033.D
Acq On : 01 Sep 2022 20:32
Operator : JC/MD
Sample : N4281-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Sep 02 02:56:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

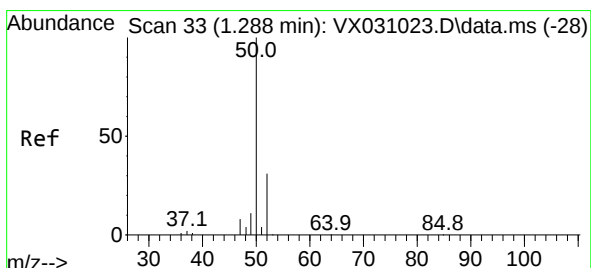
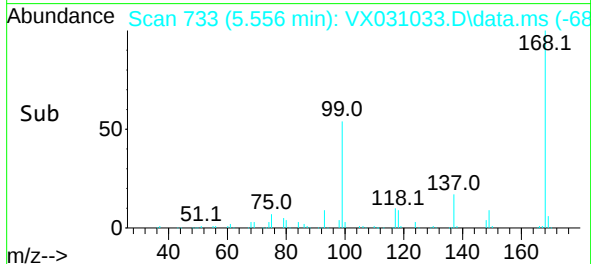
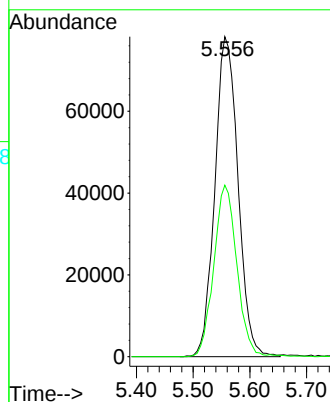
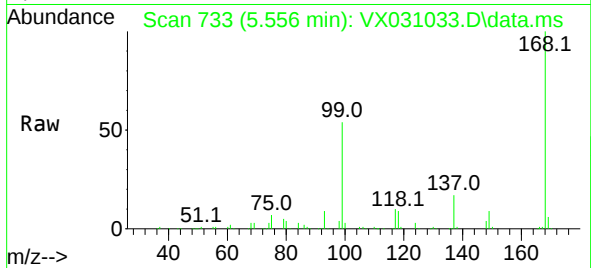




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

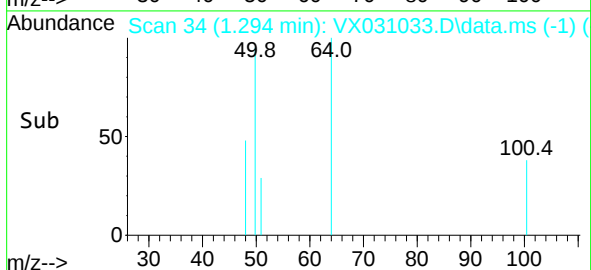
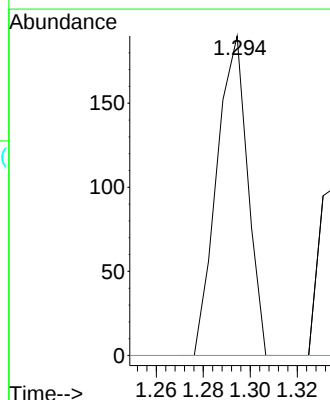
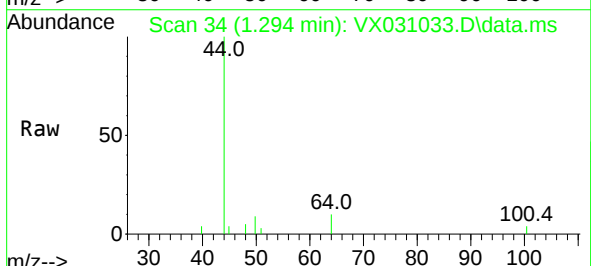
Instrument :
MSVOA_X
ClientSampleId :
IBLK

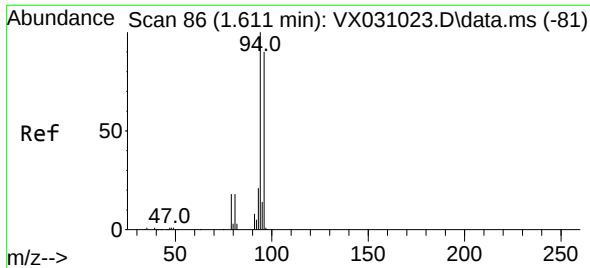
Tgt Ion:168 Resp: 221563
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#3
Chloromethane
Concen: 0.779 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Tgt Ion: 50 Resp: 173
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

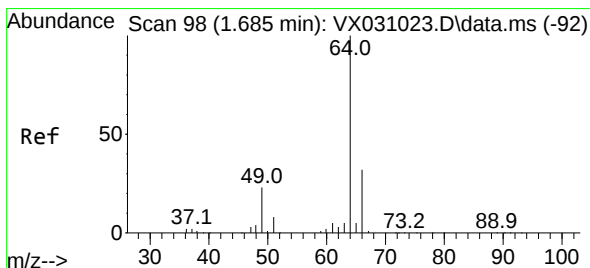
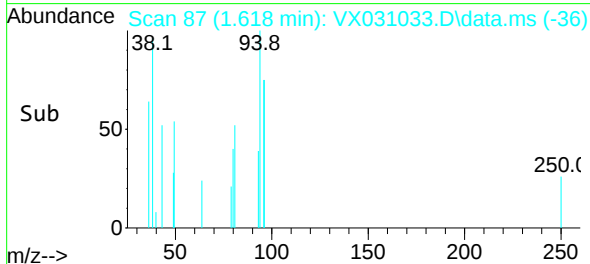
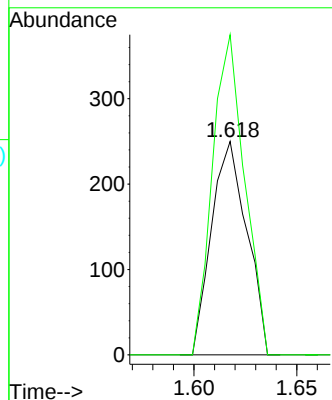
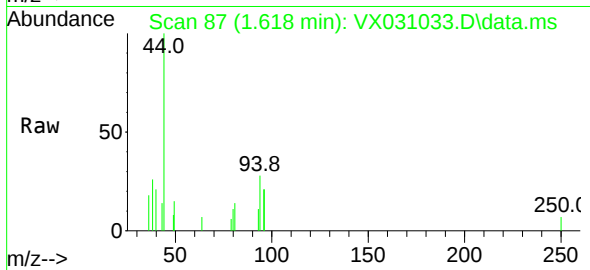




#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

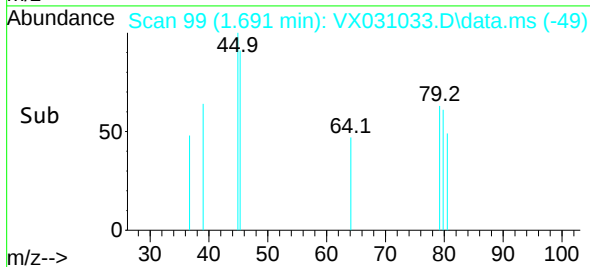
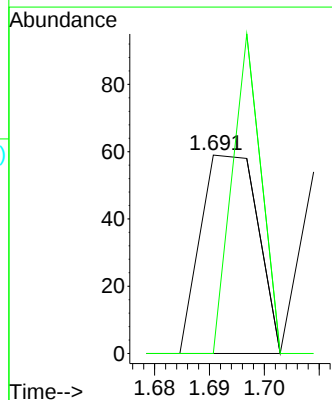
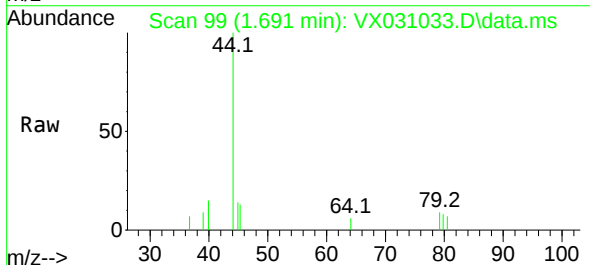
Instrument :
MSVOA_X
ClientSampleId :
IBLK

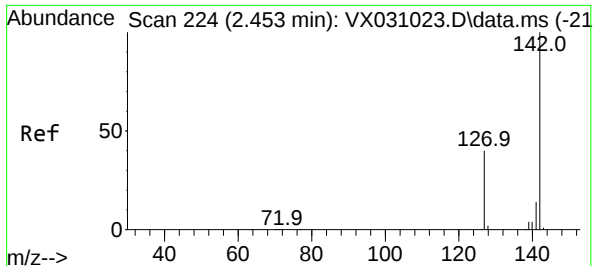
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 150.0 76.9 115.3#



#6
Chloroethane
Concen: 1.764 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

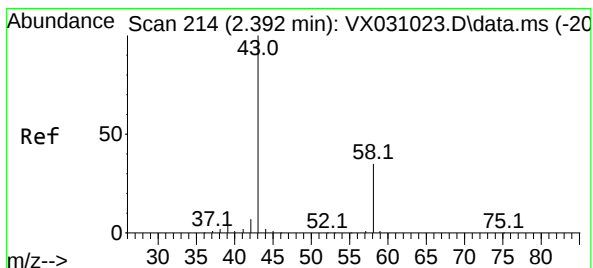
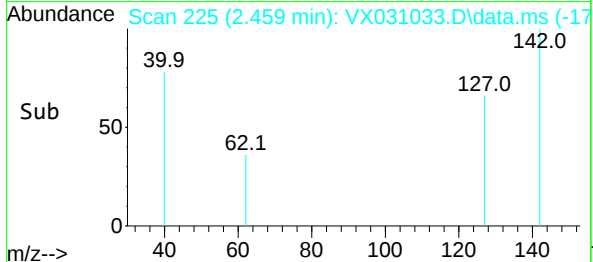
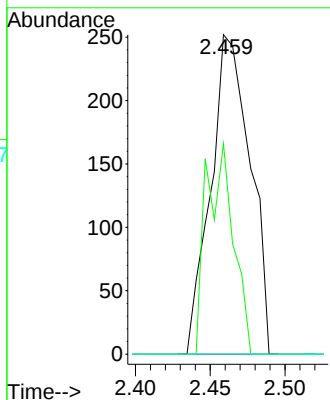
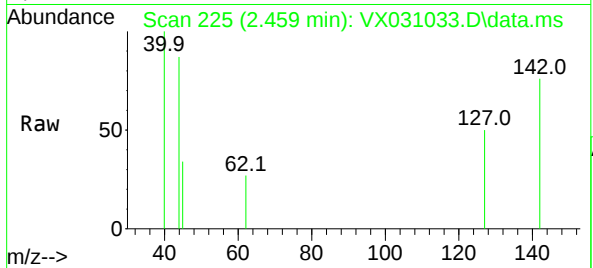




#10
Methyl Iodide
Concen: 3.077 ug/l
RT: 2.459 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

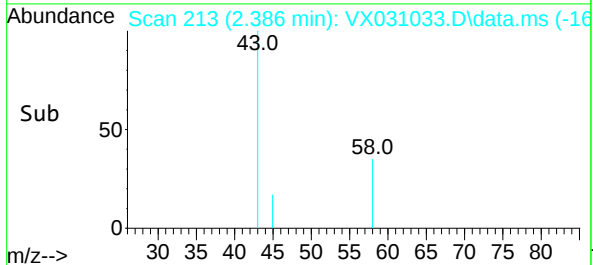
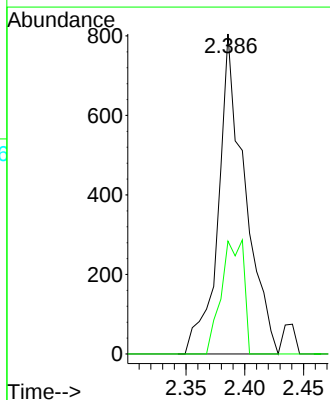
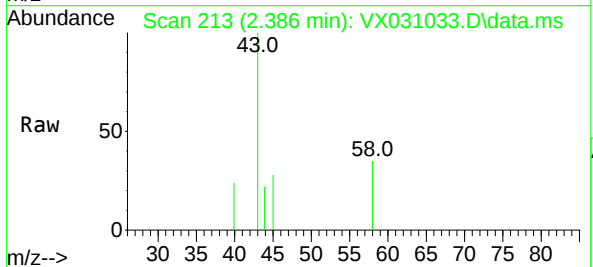
Instrument :
MSVOA_X
ClientSampleId :
IBLK

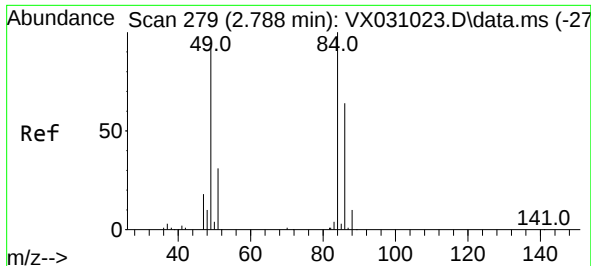
Tgt Ion:142 Resp: 462
Ion Ratio Lower Upper
142 100
127 45.7 30.2 45.2#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 1.156 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5

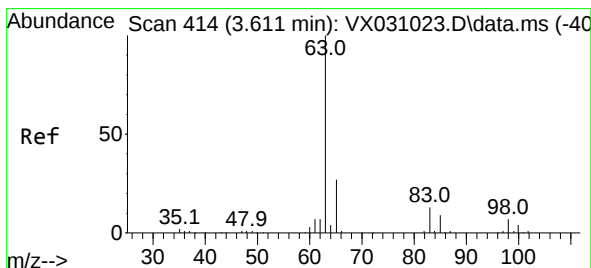
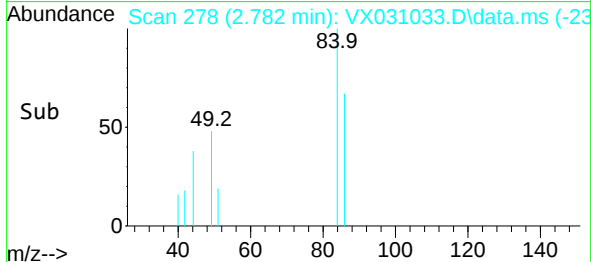
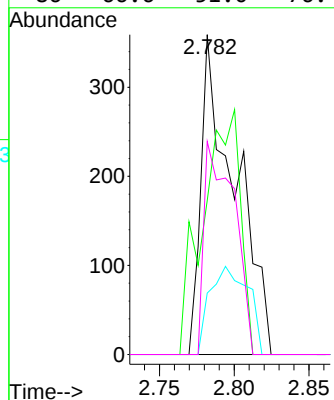
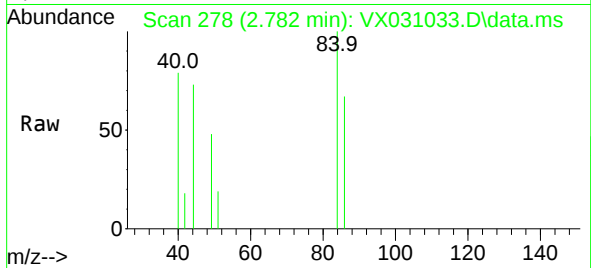




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

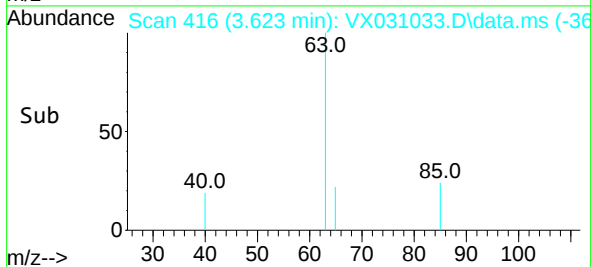
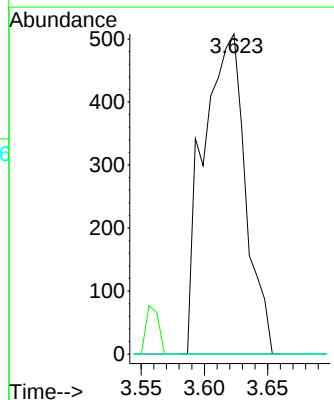
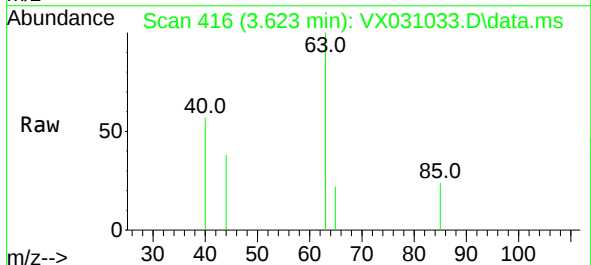
Instrument :
MSVOA_X
ClientSampleId :
IBLK

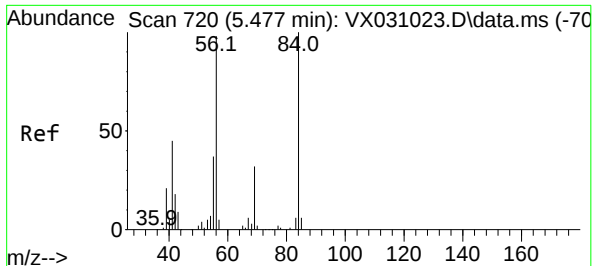
Tgt Ion: 84	Resp: 562
Ion Ratio	Lower Upper
84 100	
49 48.2	93.8 140.6#
51 19.2	29.4 44.0#
86 66.6	51.0 76.4



#24
1,1-Dichloroethane
Concen: 0.253 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

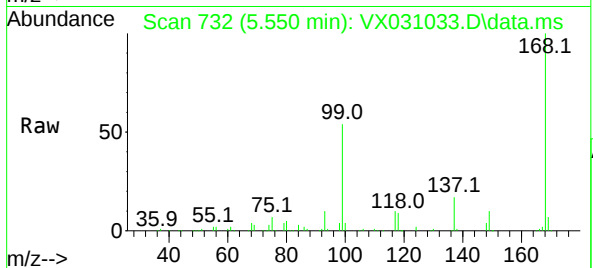
Tgt Ion: 63	Resp: 1175
Ion Ratio	Lower Upper
63 100	
98 0.0	3.5 10.5#
100 0.0	2.3 6.9#



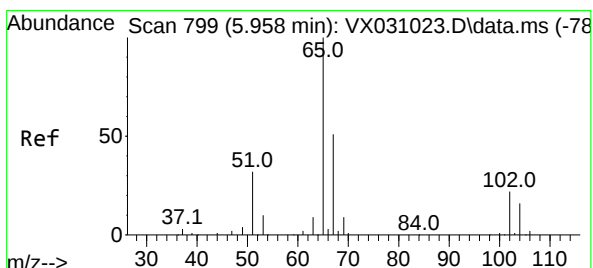
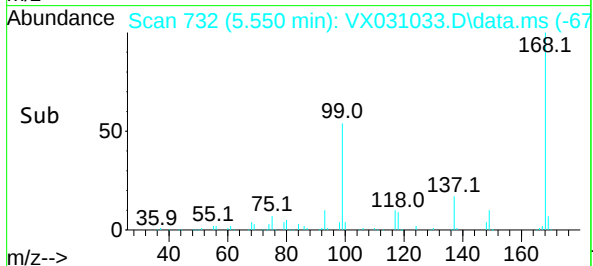
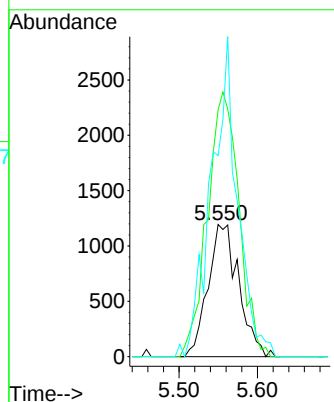


#31
Cyclohexane
Concen: 0.839 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

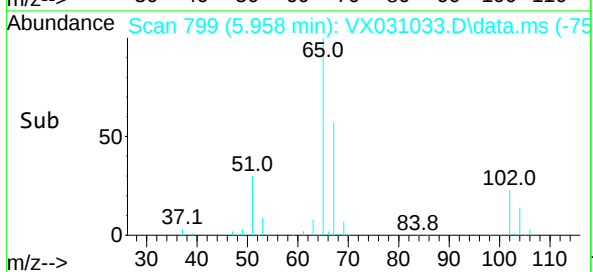
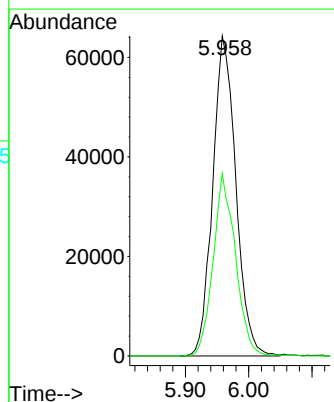
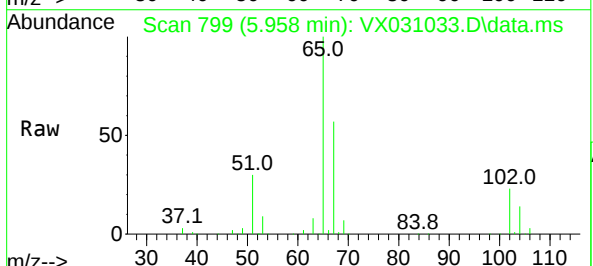


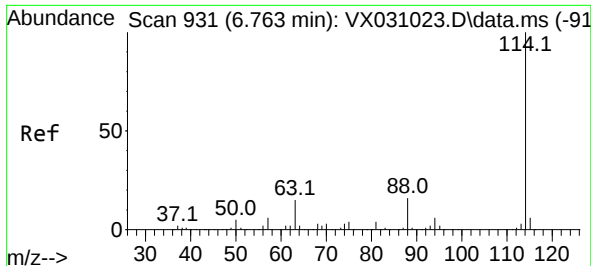
Tgt Ion: 56 Resp: 3267
Ion Ratio Lower Upper
56 100
69 186.9 25.4 38.0#
84 152.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 57.234 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Tgt Ion: 65 Resp: 163164
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

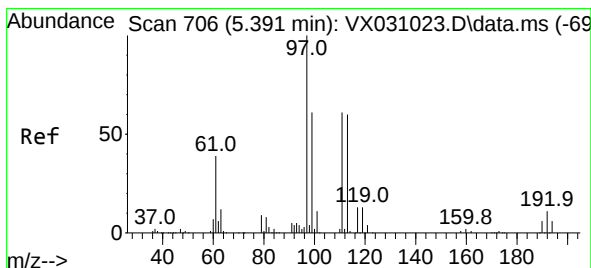
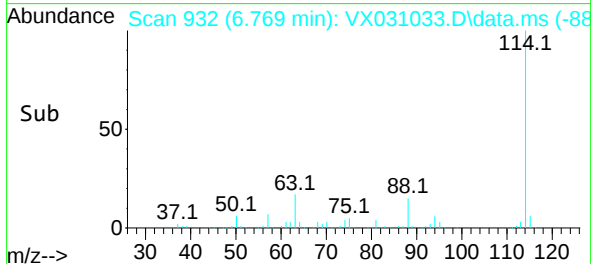
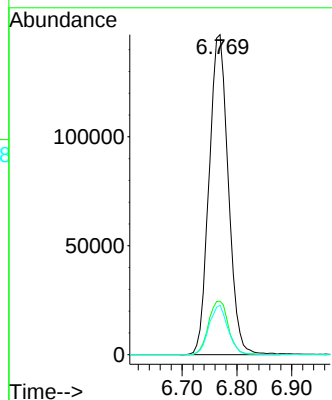
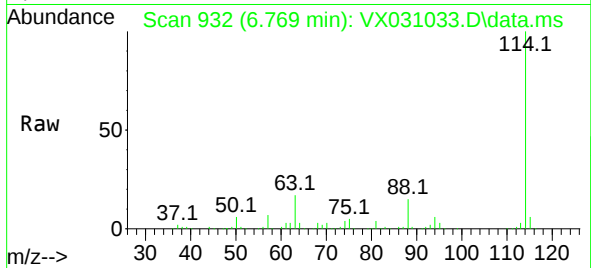




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

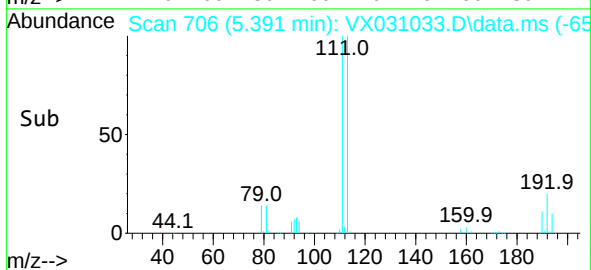
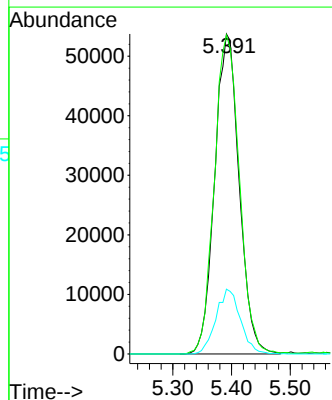
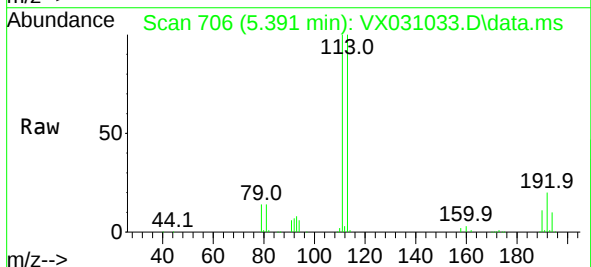
Instrument :
MSVOA_X
ClientSampleId :
IBLK

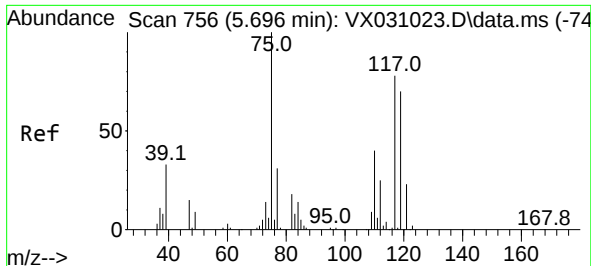
Tgt Ion:114 Resp: 356912
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.590 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Tgt Ion:113 Resp: 155210
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 20.2 14.8 22.2

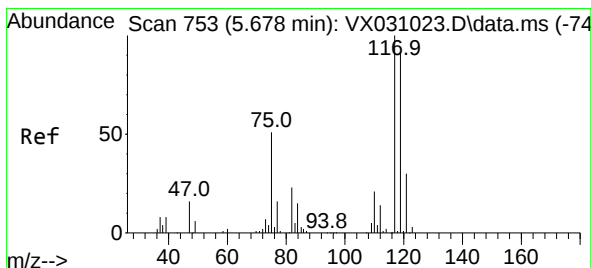
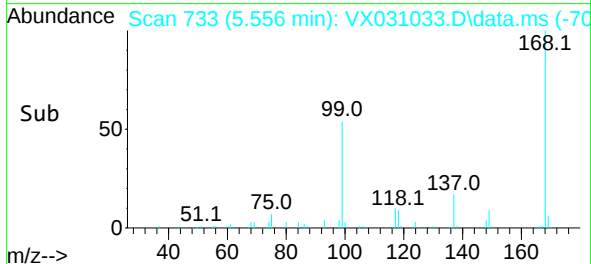
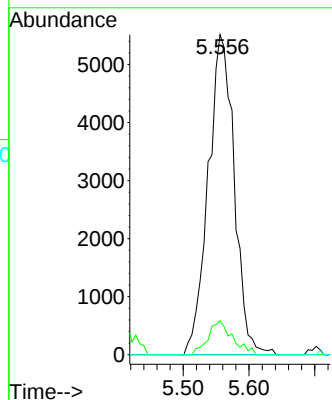
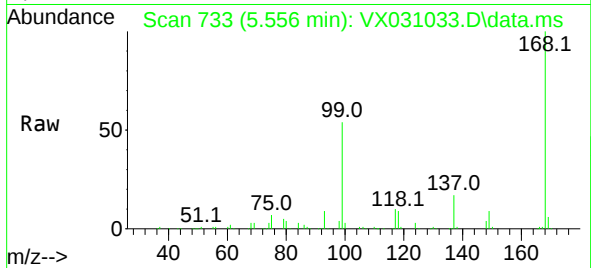




#36
1,1-Dichloropropene
Concen: 4.168 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

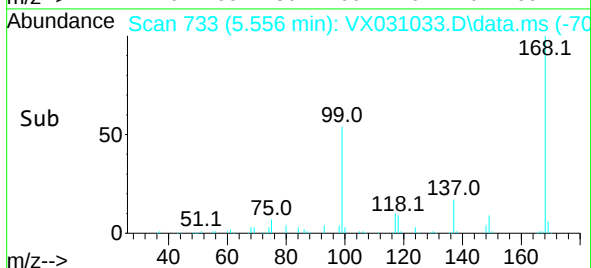
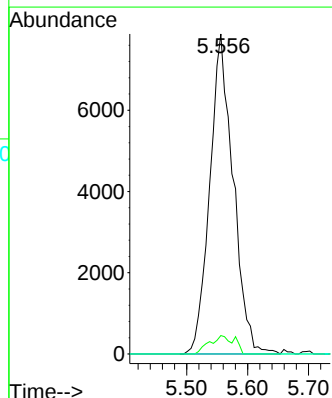
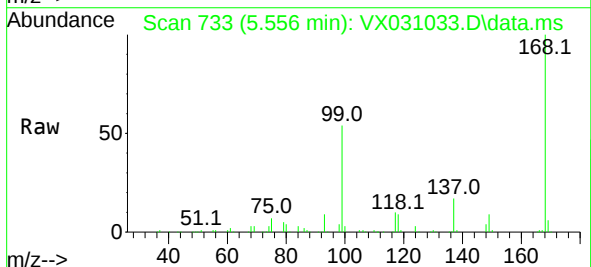
Instrument :
MSVOA_X
ClientSampleId :
IBLK

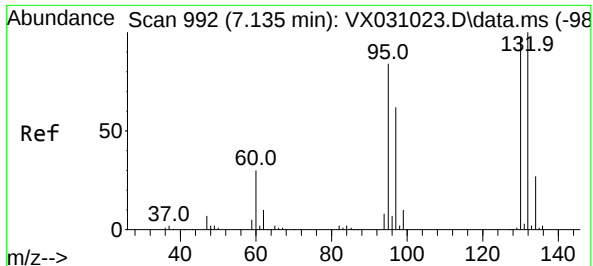
Tgt Ion: 75 Resp: 15206
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Tgt Ion: 117 Resp: 20984
Ion Ratio Lower Upper
117 100
119 5.7 74.1 111.1#
121 0.0 25.8 38.8#

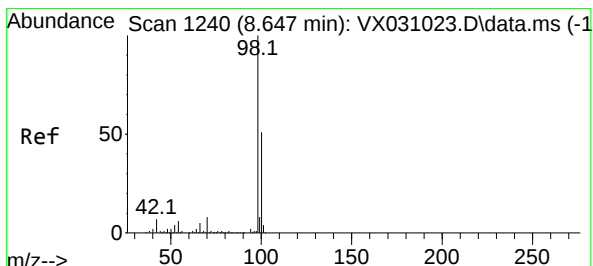
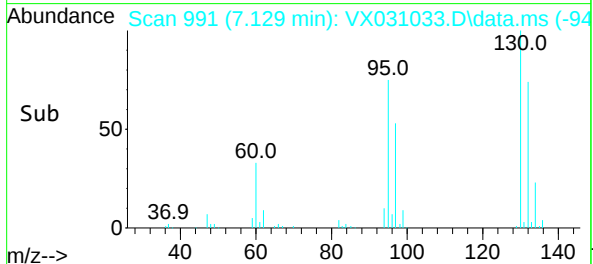
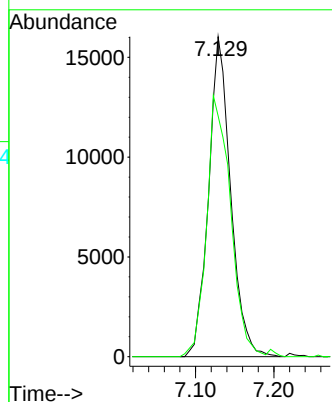
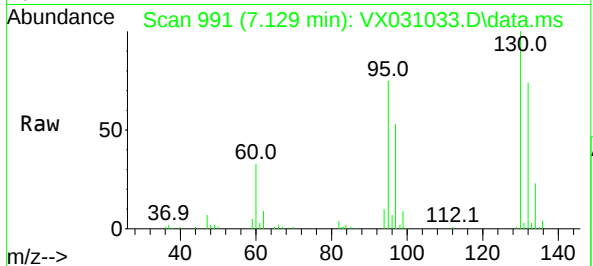




#44
 Trichloroethene
 Concen: 9.467 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX031033.D
 Acq: 01 Sep 2022 20:32

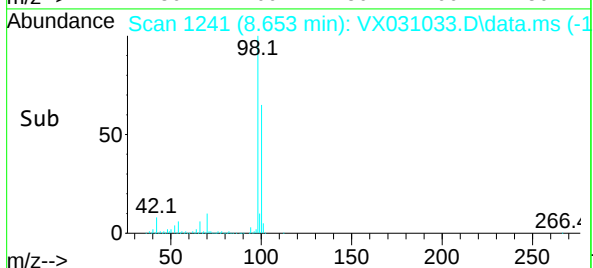
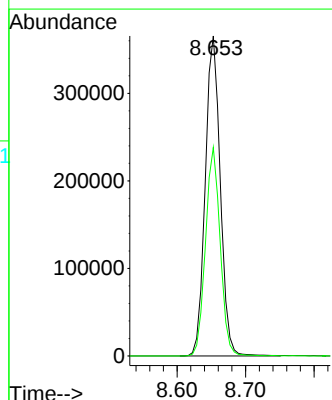
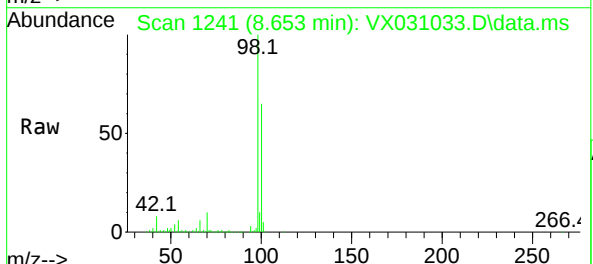
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

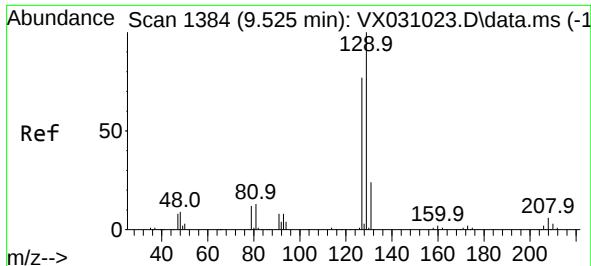
Tgt Ion:130 Resp: 31385
 Ion Ratio Lower Upper
 130 100
 95 75.3 0.0 194.8



#50
 Toluene-d8
 Concen: 58.288 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX031033.D
 Acq: 01 Sep 2022 20:32

Tgt Ion: 98 Resp: 558742
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.3 78.5

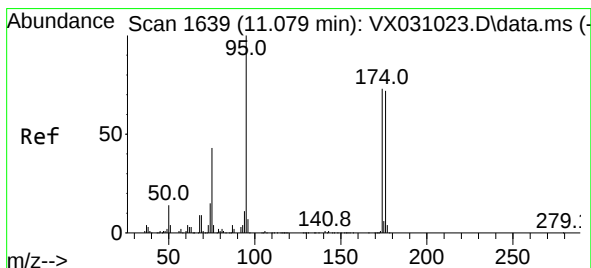
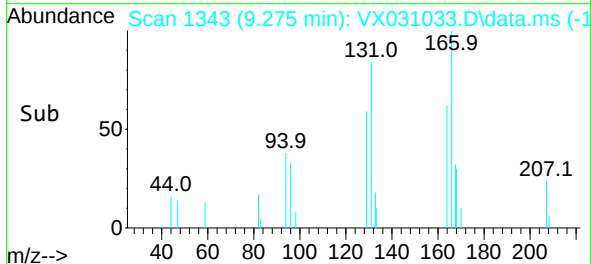
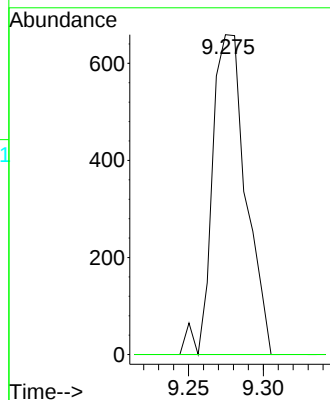
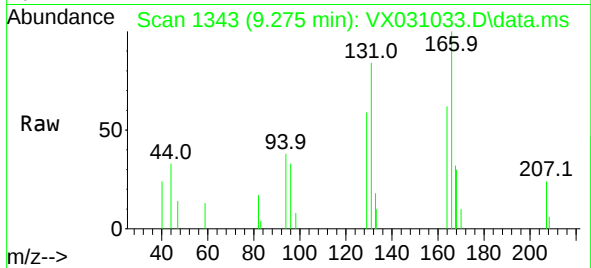




#60
Dibromochloromethane
Concen: 0.344 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

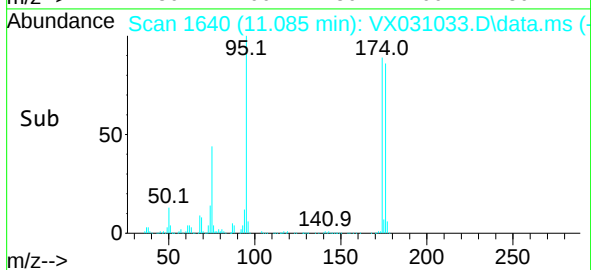
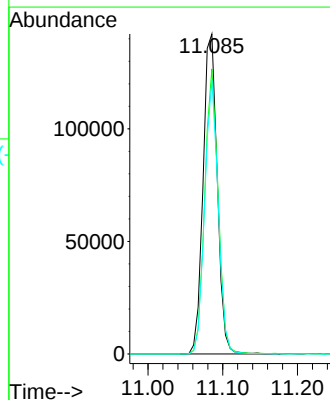
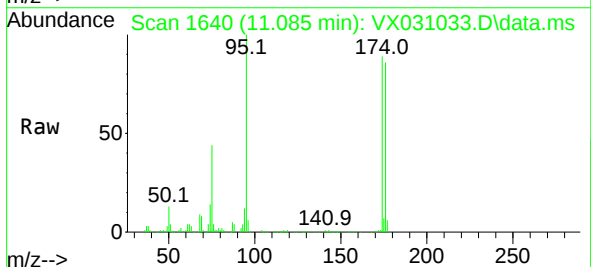
Instrument :
MSVOA_X
ClientSampleId :
IBLK

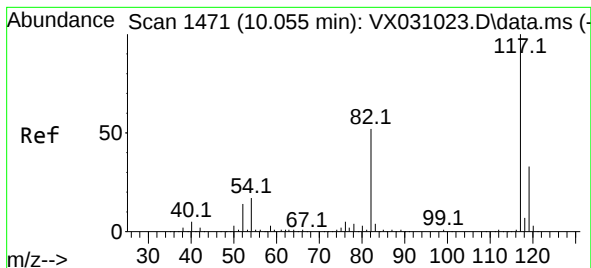
Tgt Ion:129 Resp: 1032
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 55.252 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031033.D
Acq: 01 Sep 2022 20:32

Tgt Ion: 95 Resp: 187069
Ion Ratio Lower Upper
95 100
174 85.0 0.0 149.0
176 81.6 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: VX031033.D

Acq: 01 Sep 2022 20:32

Instrument :

MSVOA_X

ClientSampleId :

IBLK

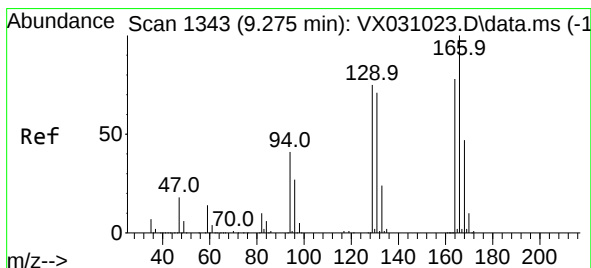
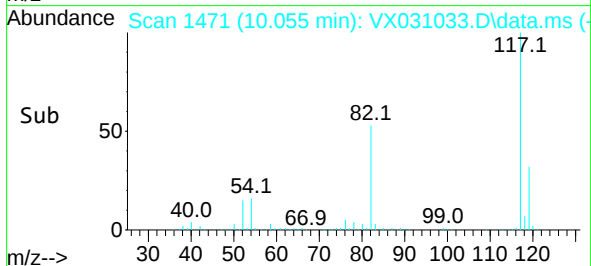
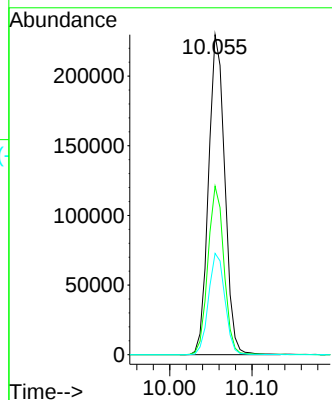
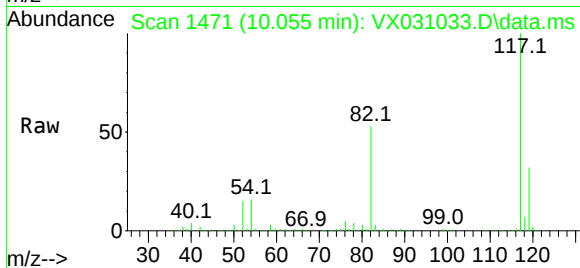
Tgt Ion:117 Resp: 315629

Ion Ratio Lower Upper

117 100

82 52.6 42.7 64.1

119 31.7 25.4 38.2



#64

Tetrachloroethene

Concen: 0.400 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX031033.D

Acq: 01 Sep 2022 20:32

Tgt Ion:164 Resp: 1262

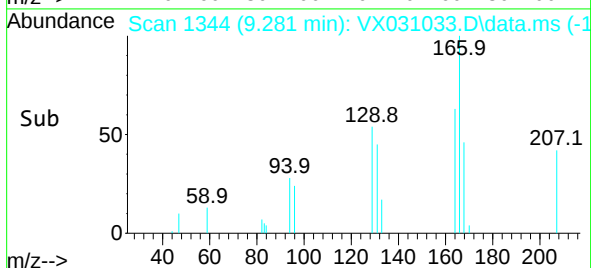
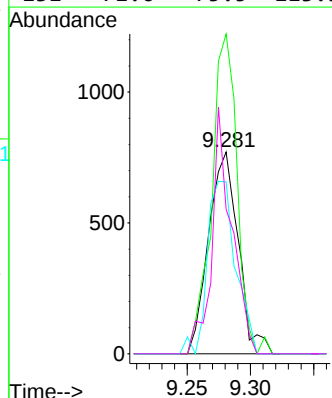
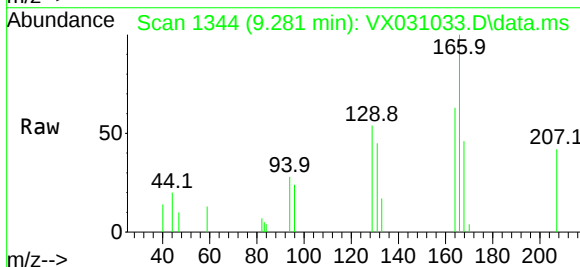
Ion Ratio Lower Upper

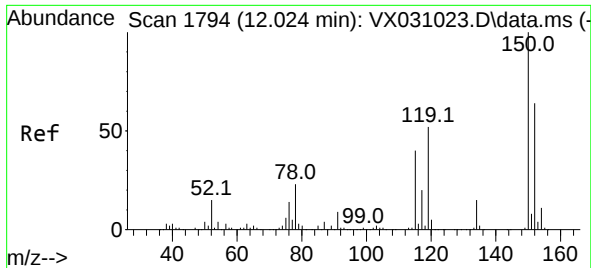
164 100

166 158.5 98.2 147.4#

129 85.2 80.8 121.2

131 71.6 75.5 113.3#

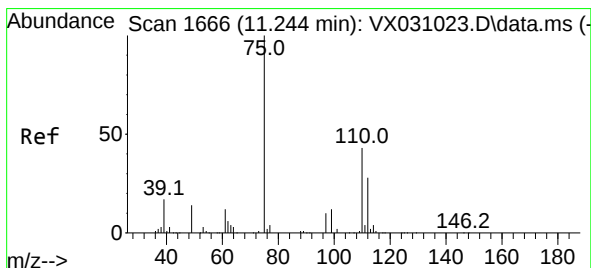
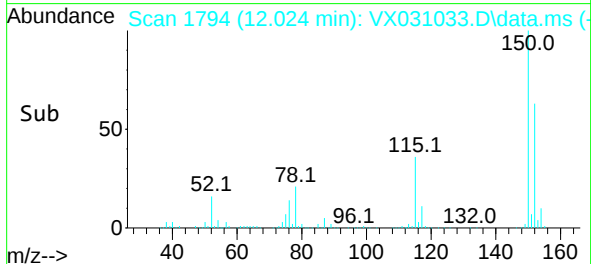
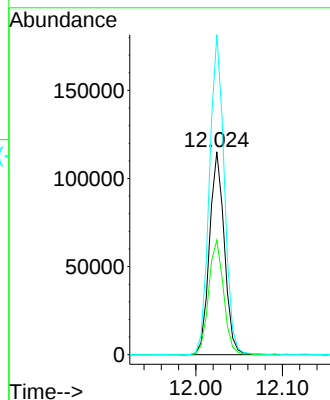
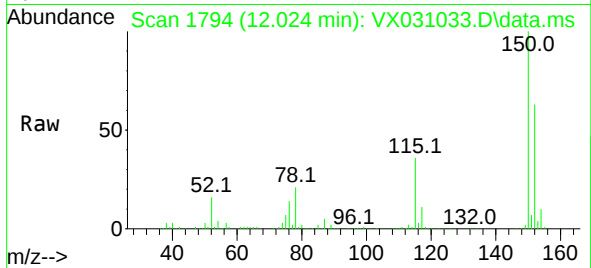




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031033.D
 Acq: 01 Sep 2022 20:32

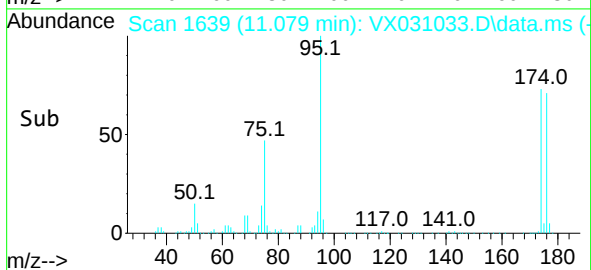
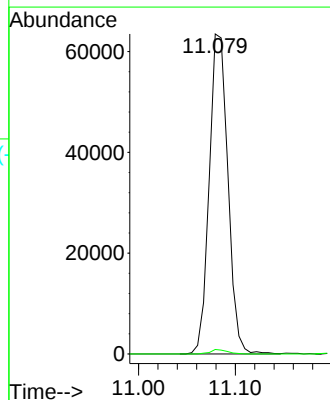
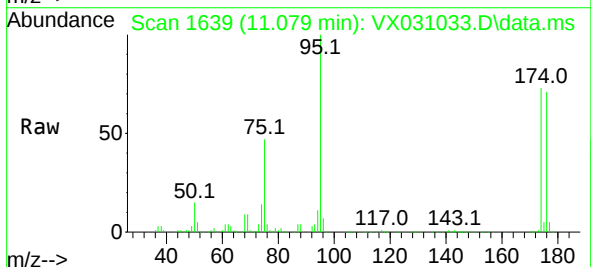
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

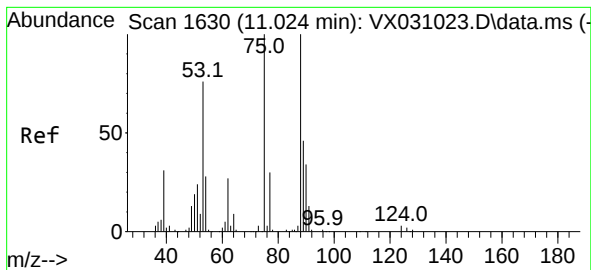
Tgt Ion:152 Resp: 136982
 Ion Ratio Lower Upper
 152 100
 115 56.9 40.5 121.5
 150 157.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 26.298 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031033.D
 Acq: 01 Sep 2022 20:32

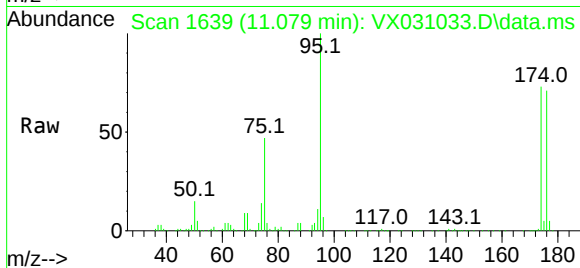
Tgt Ion: 75 Resp: 85157
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.648 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.055 min
 Lab File: VX031033.D
 Acq: 01 Sep 2022 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 85157
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

