

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023429.D
 Acq On : 23 Jul 2021 17:22
 Operator : JC/MD
 Sample : M3146-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:45:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

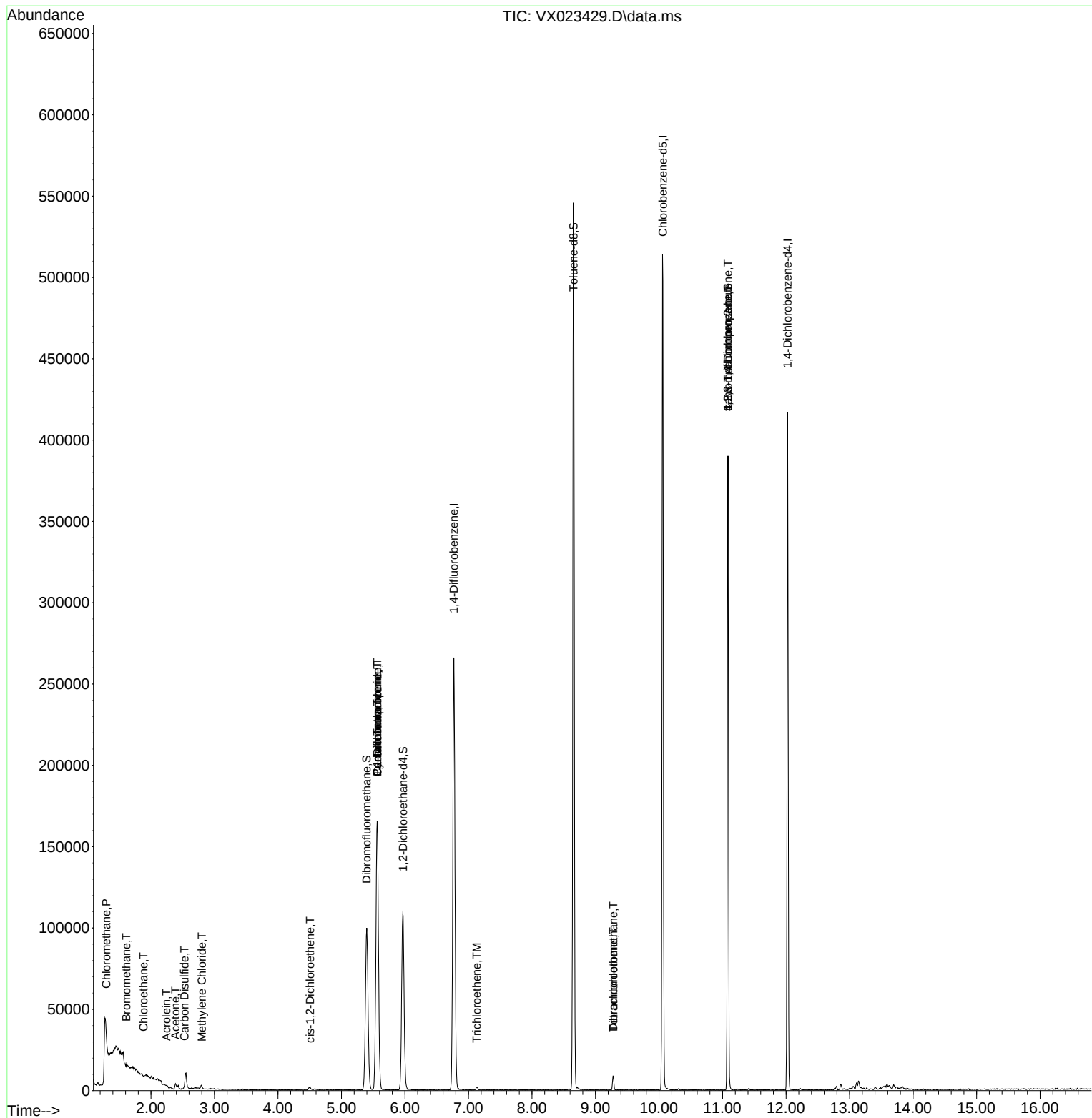
Internal Standards						
1) Pentafluorobenzene	5.562	168	158760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	234410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	104288	52.660	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.320%		
35) Dibromofluoromethane	5.397	113	84993	50.310	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.620%		
50) Toluene-d8	8.653	98	322225	51.915	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.820%		
62) 4-Bromofluorobenzene	11.085	95	97736	46.308	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.620%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	2442	1.435	ug/l #	63
5) Bromomethane	1.611	94	430	0.421	ug/l #	59
6) Chloroethane	1.880	64	676	0.640	ug/l #	48
13) Acrolein	2.239	56	92	1.762	ug/l #	1
16) Acetone	2.386	43	3569	3.674	ug/l	92
17) Carbon Disulfide	2.526	76	1569	0.408	ug/l #	75
20) Methylene Chloride	2.800	84	901	0.477	ug/l #	74
27) cis-1,2-Dichloroethene	4.507	96	970	0.504	ug/l	98
31) Cyclohexane	5.562	56	3491	1.190	ug/l #	38
36) 1,1-Dichloropropene	5.562	75	11801	4.828	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15908	6.400	ug/l #	16
44) Trichloroethene	7.129	130	593	0.298	ug/l	99
60) Dibromochloromethane	9.281	129	1683	2.785	ug/l #	11
64) Tetrachloroethene	9.281	164	1691	0.906	ug/l #	87
76) 1,2,3-Trichloropropane	11.085	75	48432	26.528	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	48432	71.331	ug/l #	12

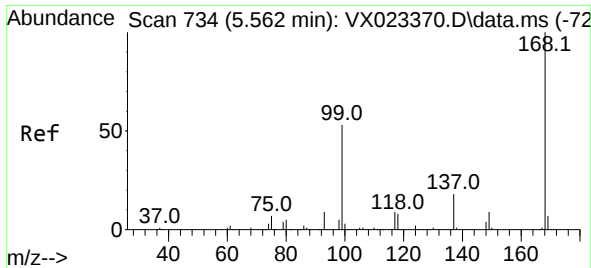
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
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MSVOA_X
ClientSampleId :

Quant Time: Jul 24 03:45:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

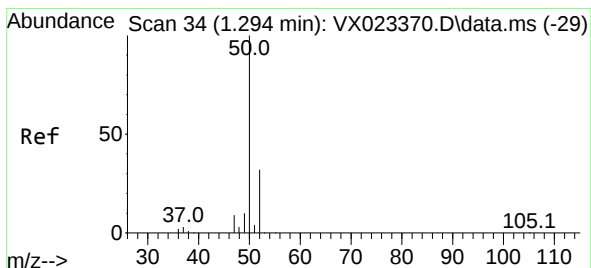
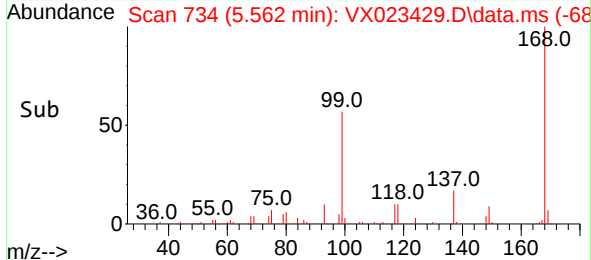
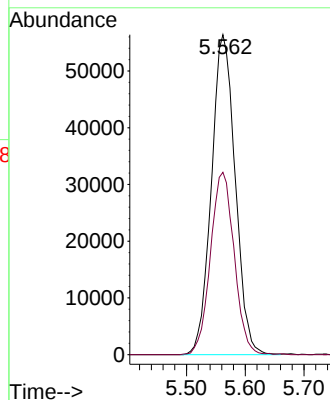
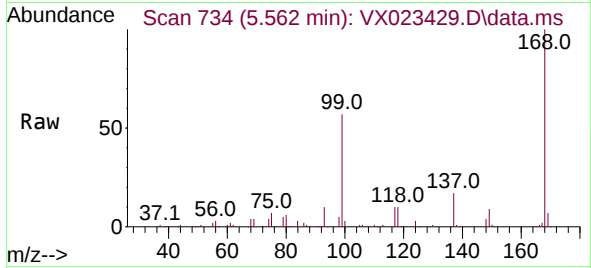




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

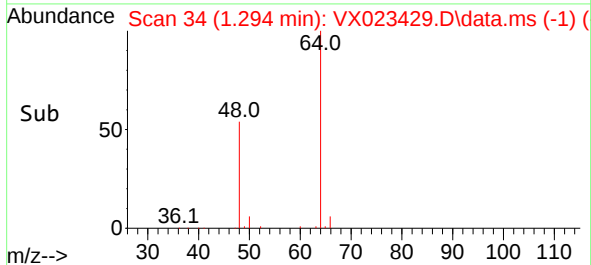
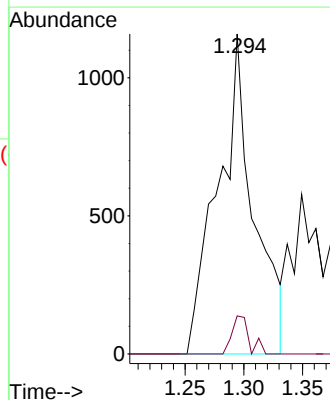
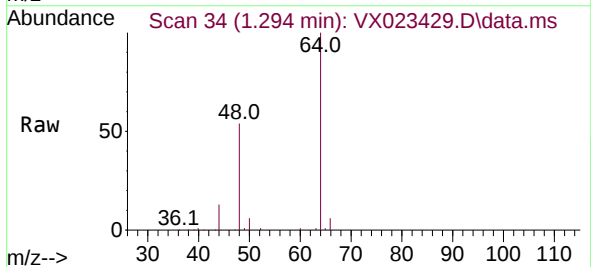
Instrument :
MSVOA_X
ClientSampleId :

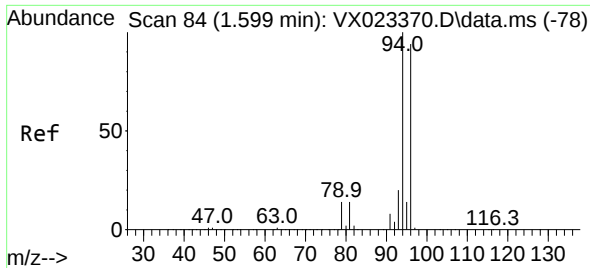
Tgt Ion:168 Resp: 158760
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 1.435 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion: 50 Resp: 2442
Ion Ratio Lower Upper
50 100
52 11.9 26.4 39.6#

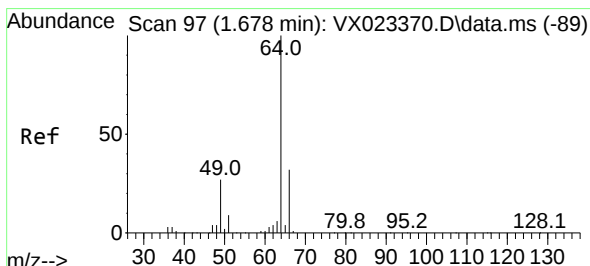
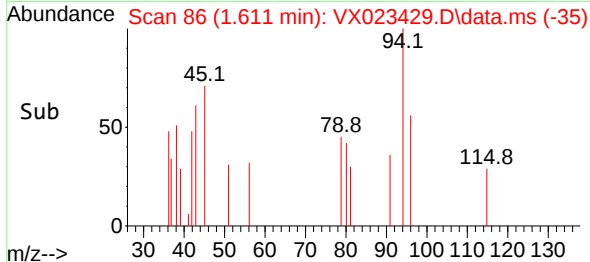
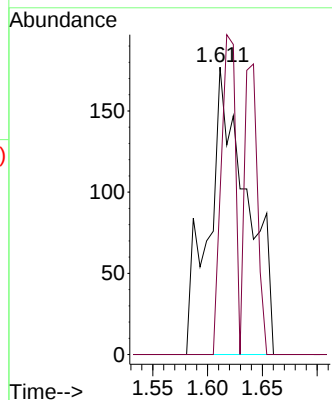
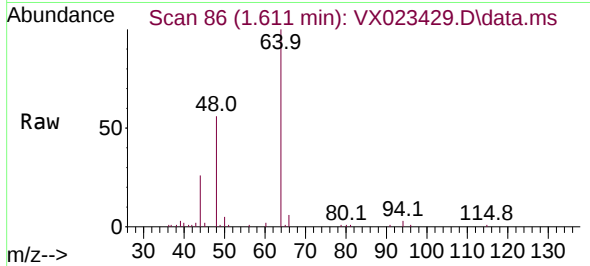




#5
Bromomethane
Concen: 0.421 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

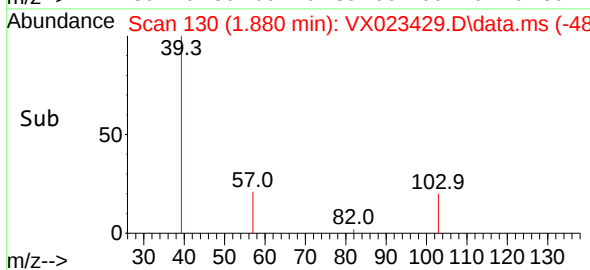
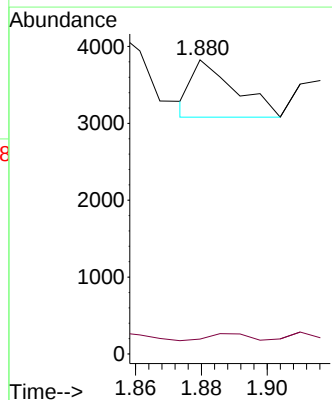
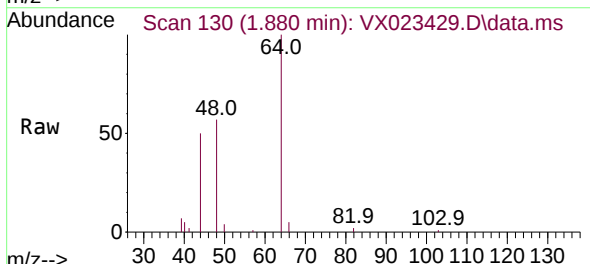
Instrument :
MSVOA_X
ClientSampled :

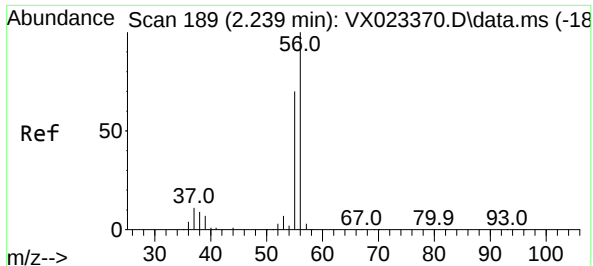
Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 55.9 76.4 114.6#



#6
Chloroethane
Concen: 0.640 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.202 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion: 64 Resp: 676
Ion Ratio Lower Upper
64 100
66 2.7 25.4 38.0#

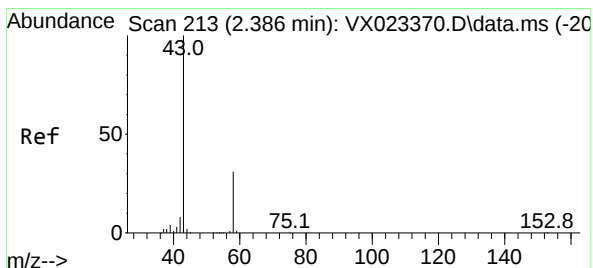
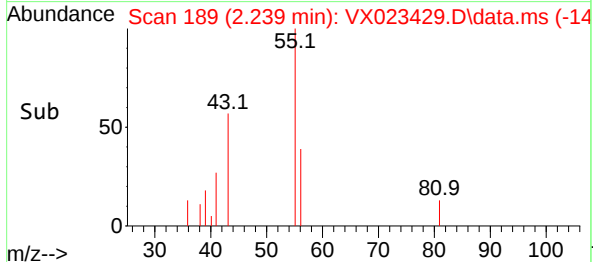
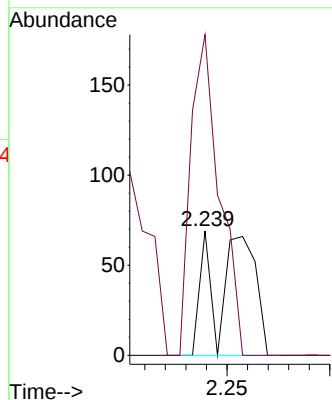
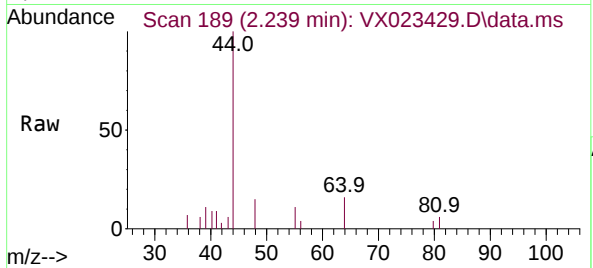




#13
Acrolein
Concen: 1.762 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

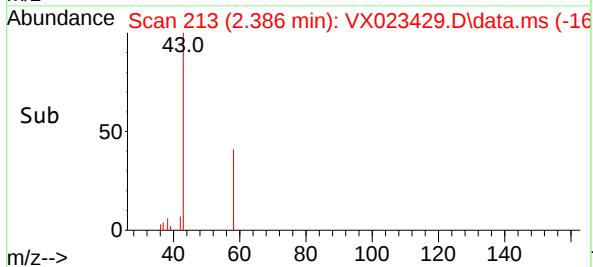
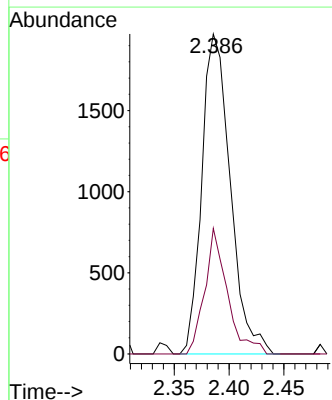
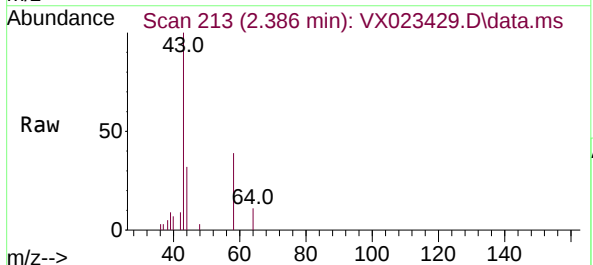
Instrument :
MSVOA_X
ClientSampled :

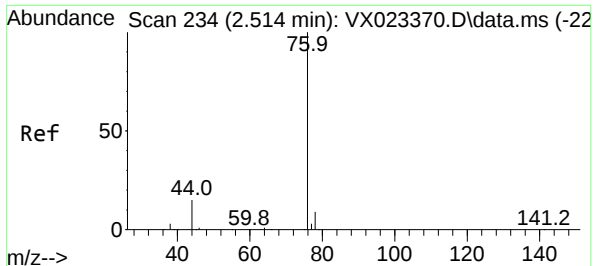
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 188.0 56.4 84.6#



#16
Acetone
Concen: 3.674 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion: 43 Resp: 3569
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8

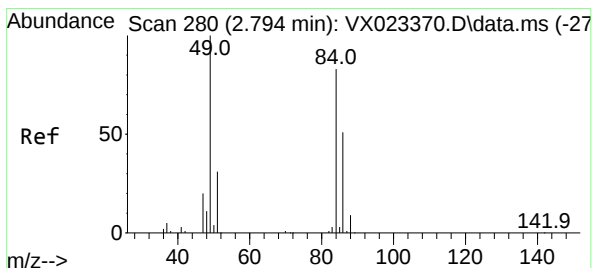
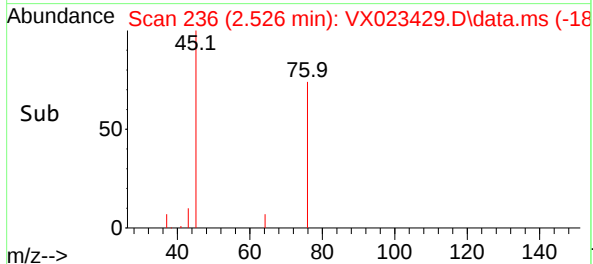
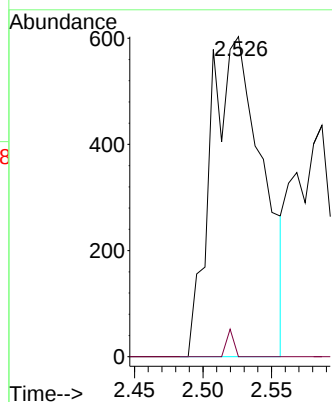
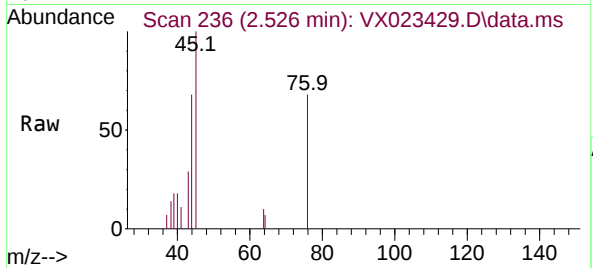




#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.012 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

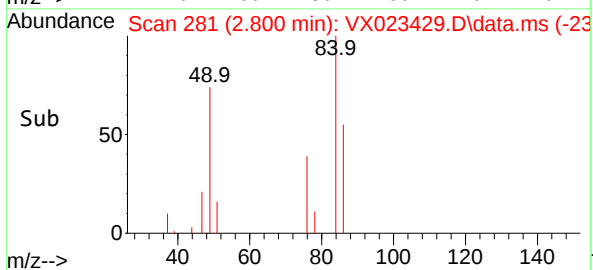
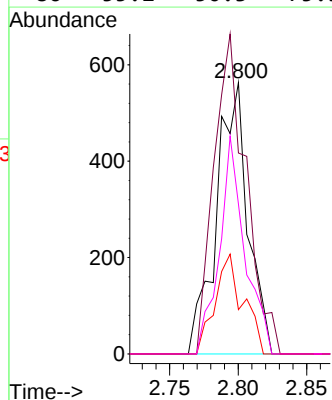
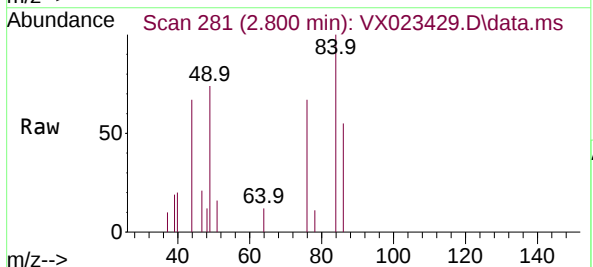
Instrument :
MSVOA_X
ClientSampled :

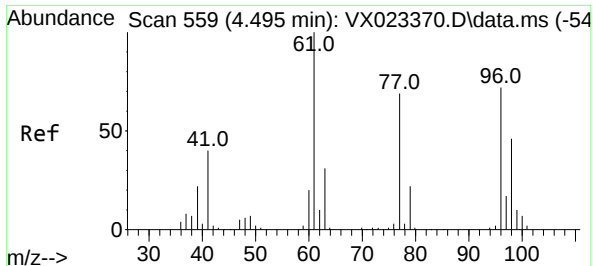
Tgt Ion: 76 Resp: 1569
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.477 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion: 84 Resp: 901
Ion Ratio Lower Upper
84 100
49 74.1 88.6 132.8#
51 16.3 27.0 40.6#
86 55.2 50.3 75.5



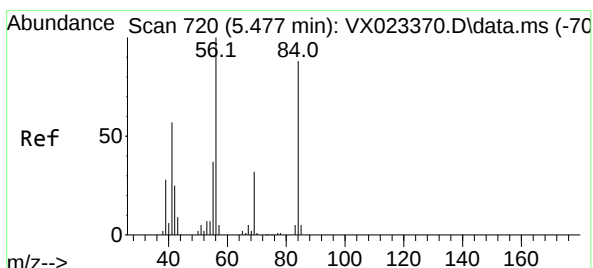
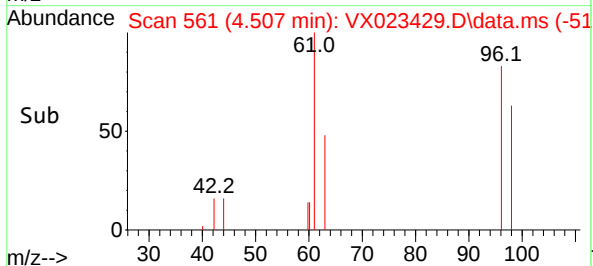
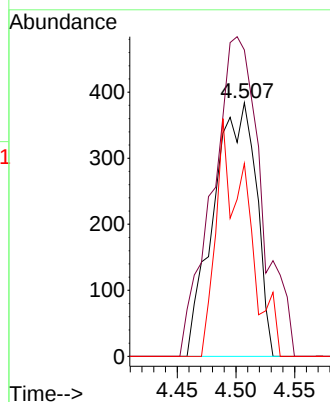
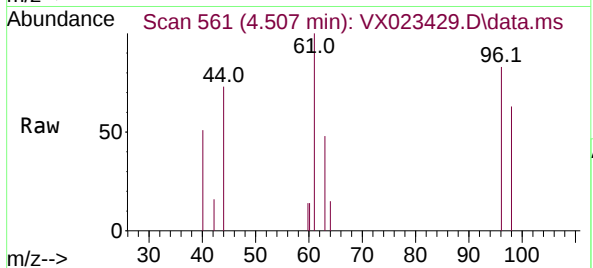


#27
 cis-1,2-Dichloroethene
 Concen: 0.504 ug/l
 RT: 4.507 min Scan# 561
 Delta R.T. 0.012 min
 Lab File: VX023429.D
 Acq: 23 Jul 2021 17:22

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 96 Resp: 970

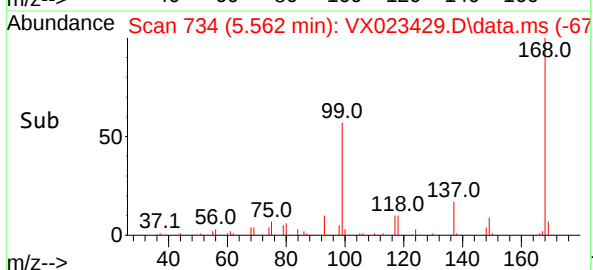
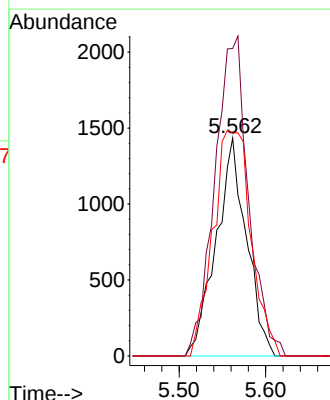
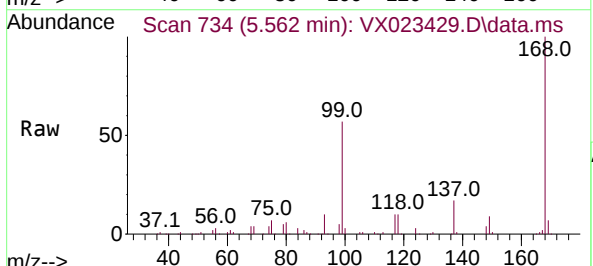
Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	285.6
98	67.4	0.0	129.6

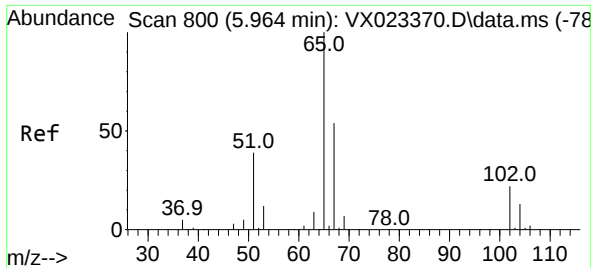


#31
 Cyclohexane
 Concen: 1.190 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. 0.085 min
 Lab File: VX023429.D
 Acq: 23 Jul 2021 17:22

Tgt Ion: 56 Resp: 3491

Ion	Ratio	Lower	Upper
56	100		
69	141.1	25.3	37.9#
84	102.2	71.4	107.0

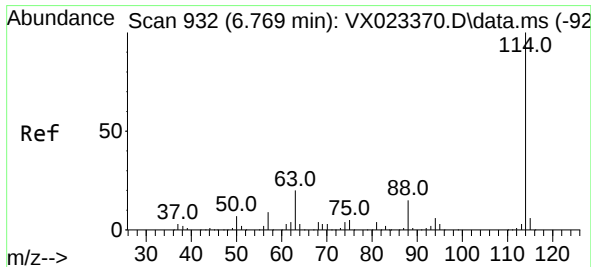
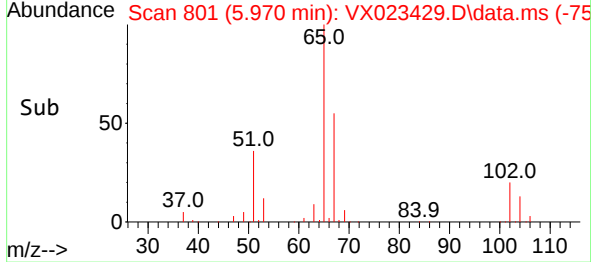
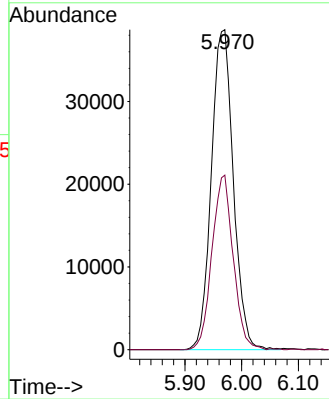
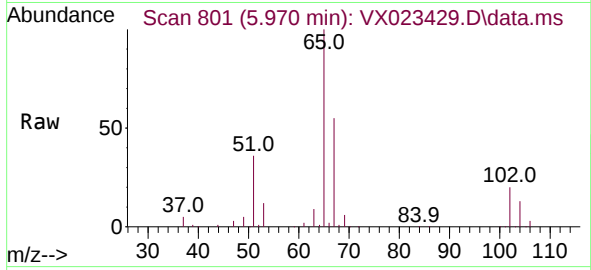




#33
1,2-Dichloroethane-d4
Concen: 52.660 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

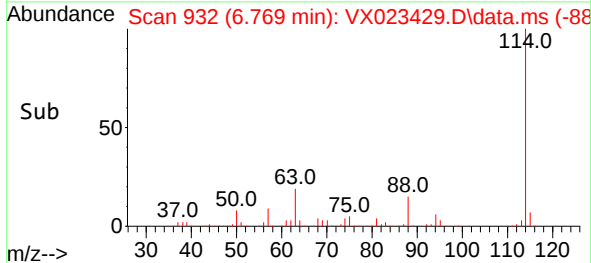
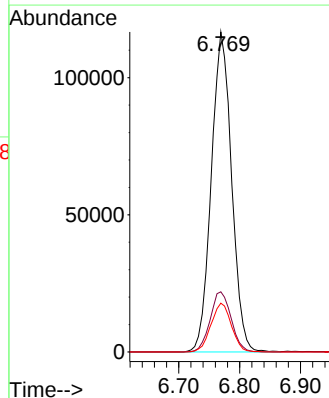
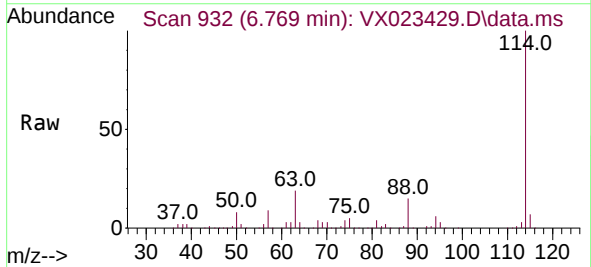
Instrument :
MSVOA_X
ClientSampleId :

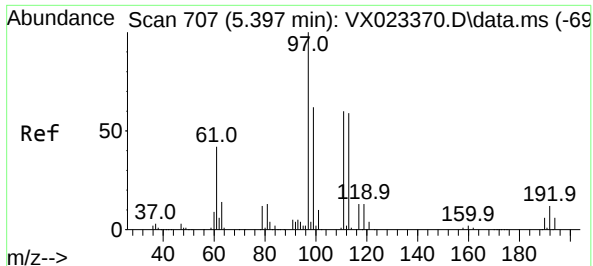
Tgt Ion: 65 Resp: 104288
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion: 114 Resp: 270194
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.8
88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.310 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023429.D

Acq: 23 Jul 2021 17:22

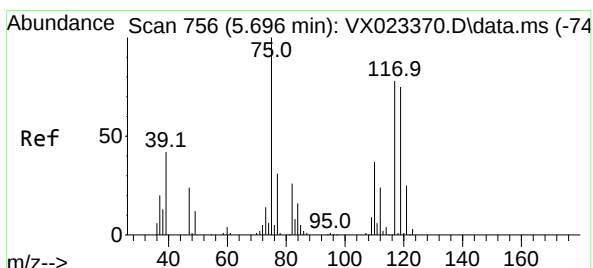
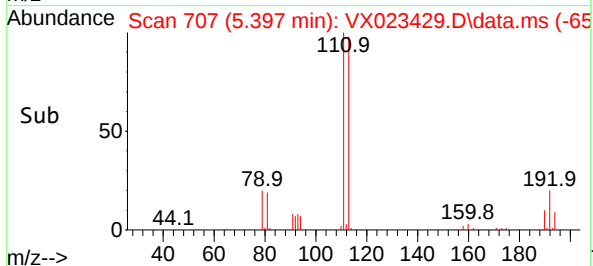
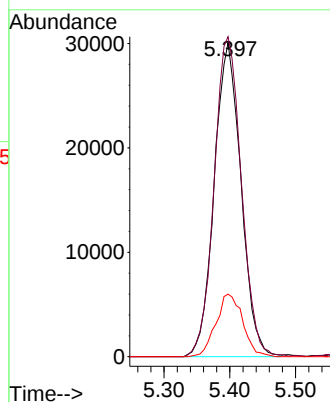
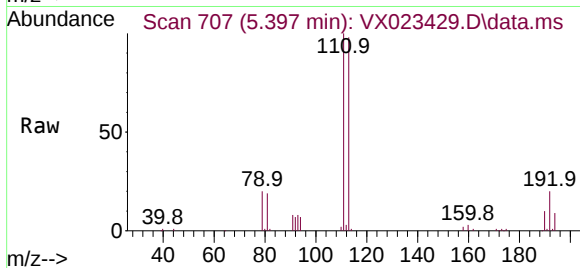
Tgt Ion:113 Resp: 84993

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 20.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.828 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023429.D

Acq: 23 Jul 2021 17:22

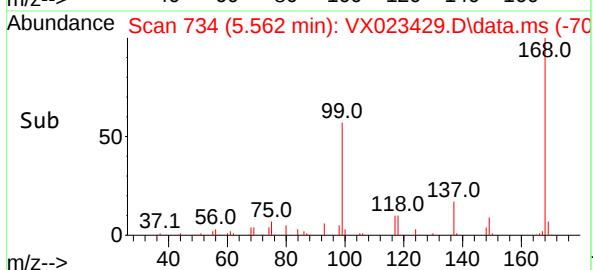
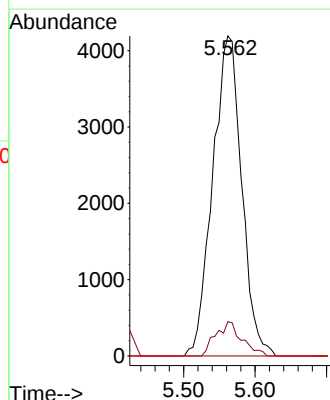
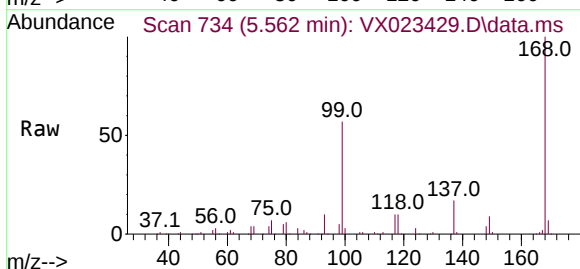
Tgt Ion: 75 Resp: 11801

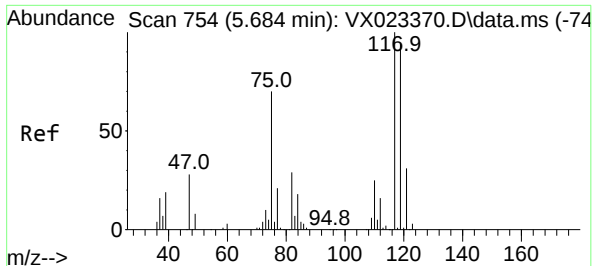
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

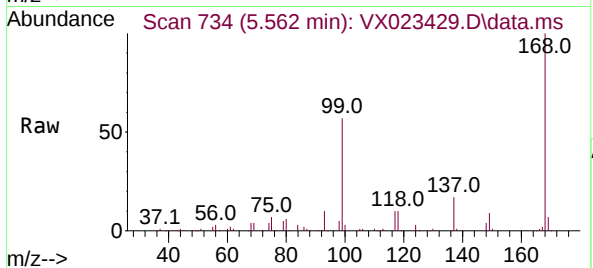
77 0.0 25.3 37.9#



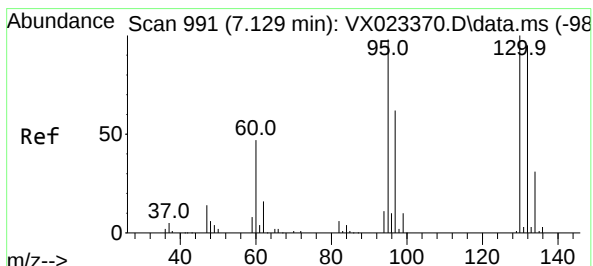
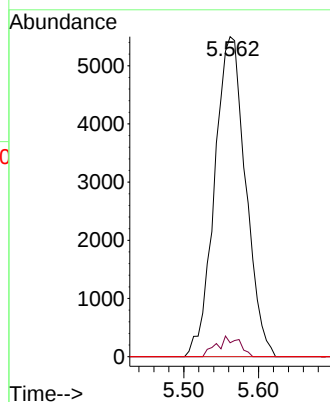
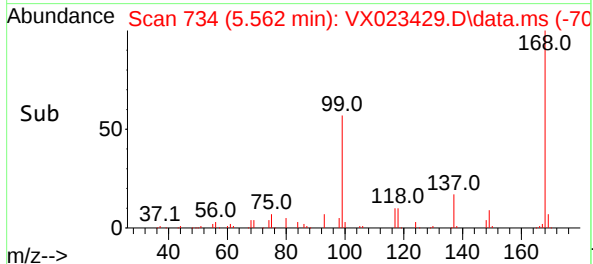


#38
Carbon Tetrachloride
Concen: 6.400 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

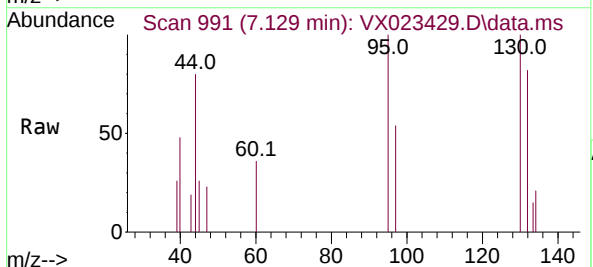
Instrument :
MSVOA_X
ClientSampled :



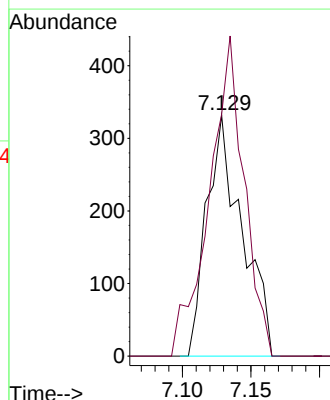
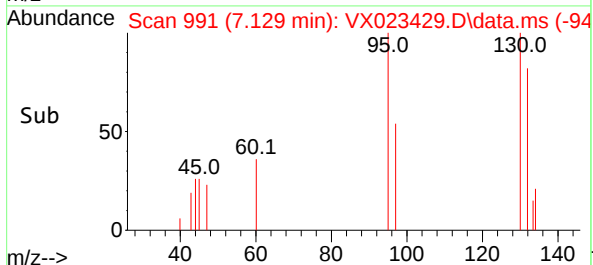
Tgt Ion:117 Resp: 15908
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

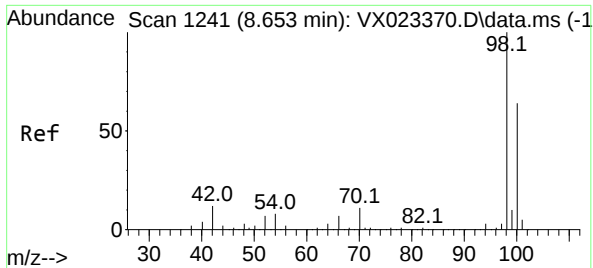


#44
Trichloroethene
Concen: 0.298 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22



Tgt Ion:130 Resp: 593
Ion Ratio Lower Upper
130 100
95 100.3 0.0 198.0

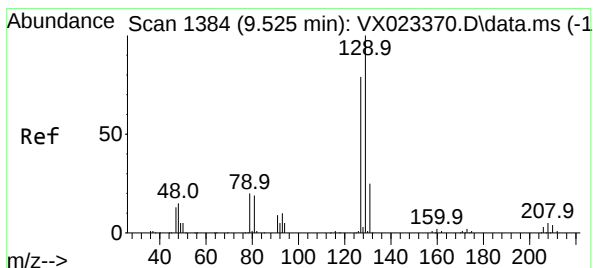
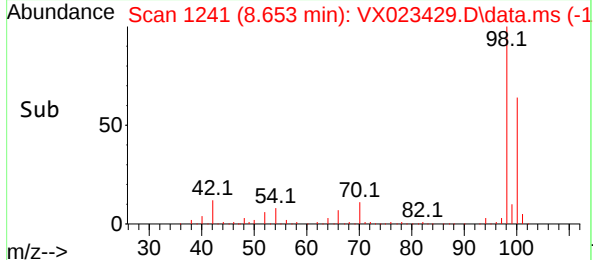
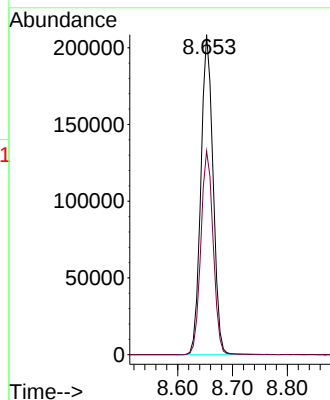
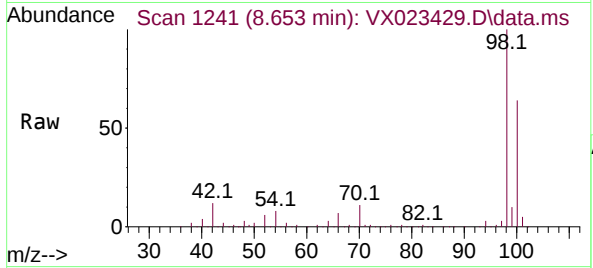




#50
Toluene-d8
Concen: 51.915 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

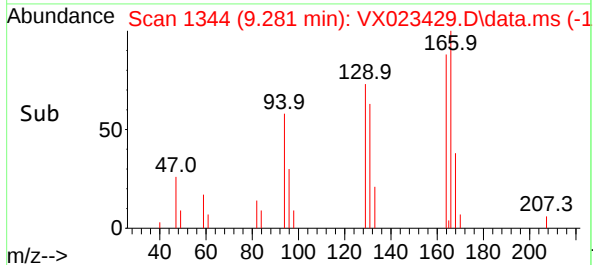
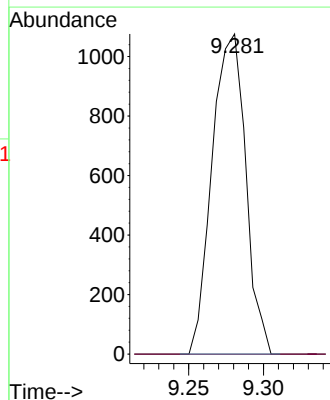
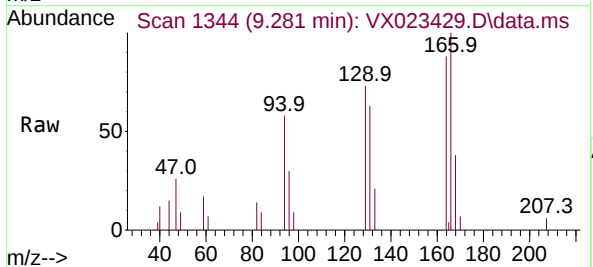
Instrument :
MSVOA_X
ClientSampleId :

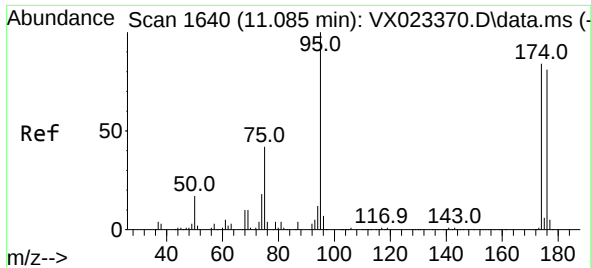
Tgt Ion: 98 Resp: 322225
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#60
Dibromochloromethane
Concen: 2.785 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion:129 Resp: 1683
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

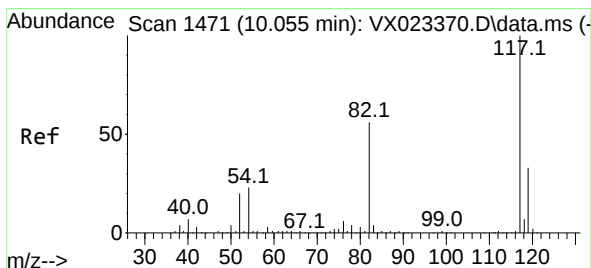
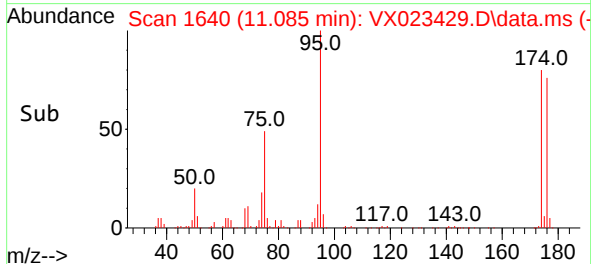
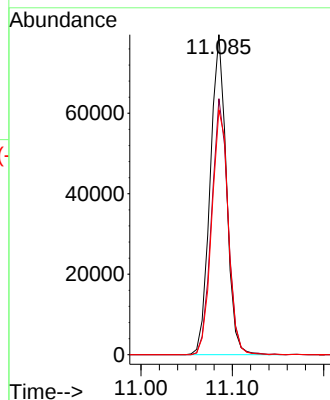
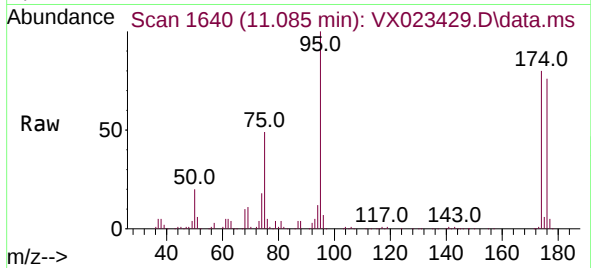




#62
4-Bromofluorobenzene
Concen: 46.308 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

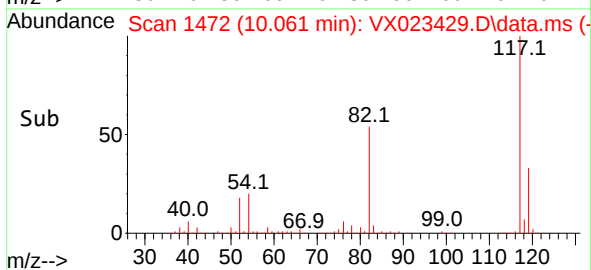
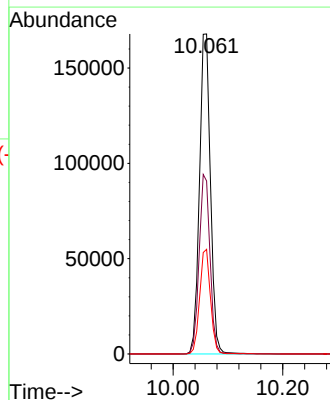
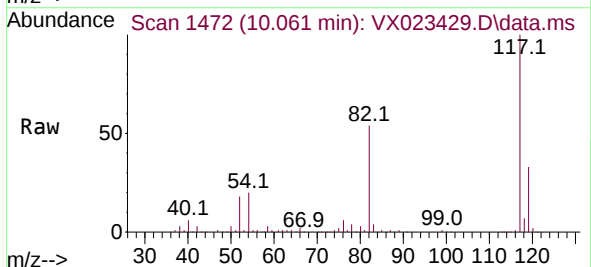
Instrument :
MSVOA_X
ClientSampleId :

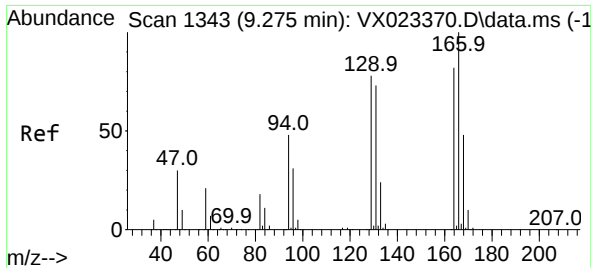
Tgt Ion: 95 Resp: 97736
Ion Ratio Lower Upper
95 100
174 81.0 0.0 154.6
176 78.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

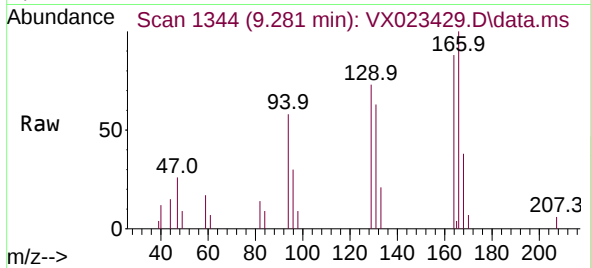
Tgt Ion: 117 Resp: 234410
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 32.7 26.6 39.8



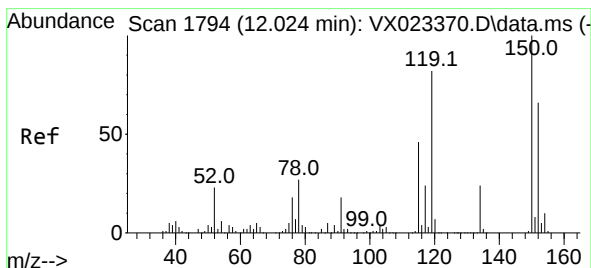
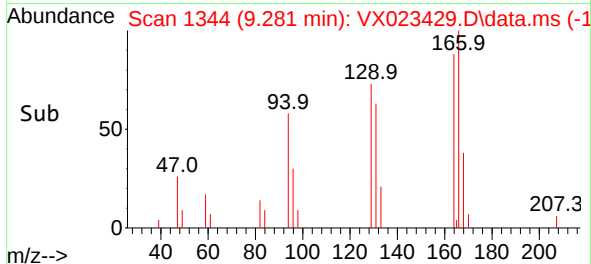
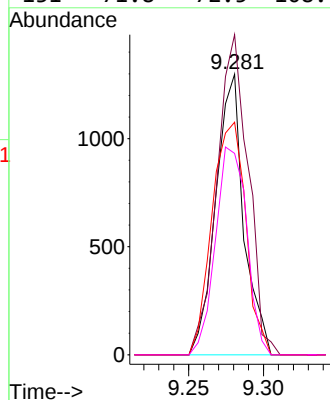


#64
Tetrachloroethene
Concen: 0.906 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Instrument :
MSVOA_X
ClientSampled :

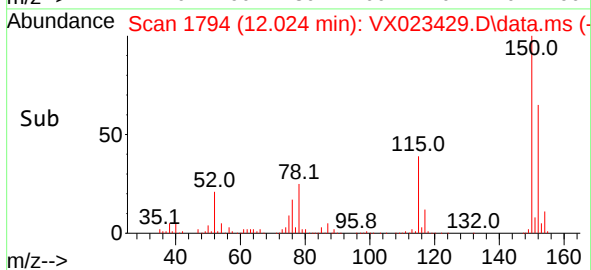
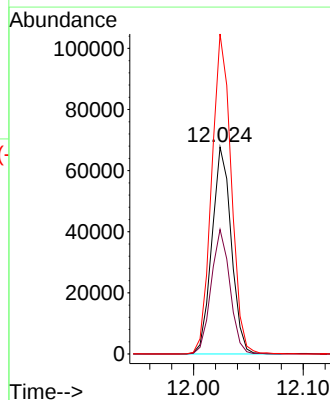
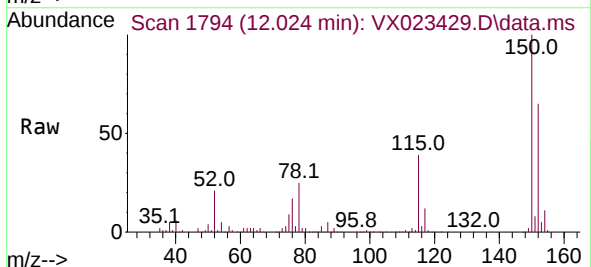


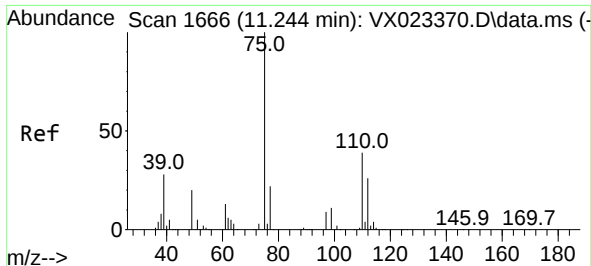
Tgt Ion:164 Resp: 1691
Ion Ratio Lower Upper
164 100
166 114.1 103.4 155.2
129 82.9 70.8 106.2
131 71.8 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion:152 Resp: 82964
Ion Ratio Lower Upper
152 100
115 58.4 41.1 123.3
150 156.4 0.0 349.0

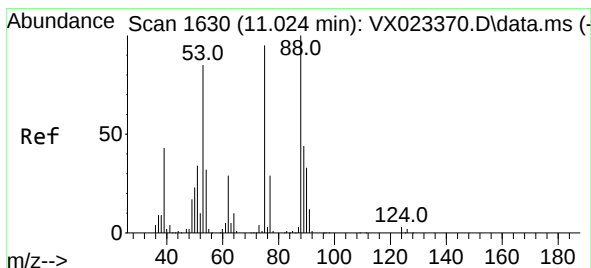
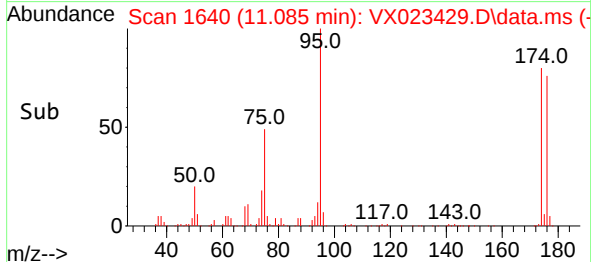
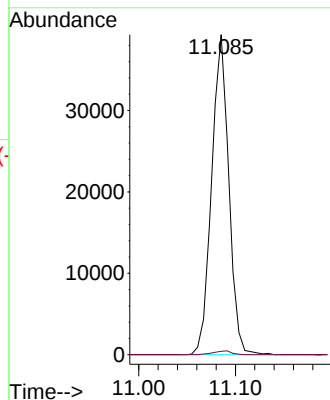
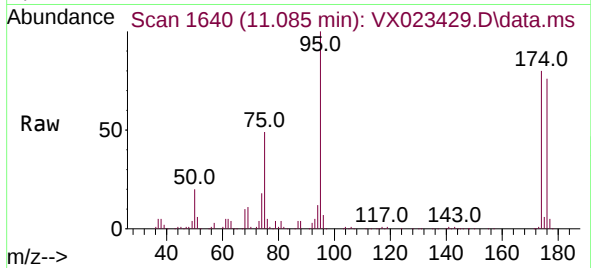




#76
1,2,3-Trichloropropane
Concen: 26.528 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 48432
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.331 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023429.D
Acq: 23 Jul 2021 17:22

Tgt Ion: 75 Resp: 48432
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

