

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023152.D
 Acq On : 06 Jul 2021 17:40
 Operator : JC/MD
 Sample : M2923-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:54:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	259619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	428708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	182067	52.179	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.360%
35) Dibromofluoromethane	5.397	113	137080	49.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.653	98	512847	49.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.085	95	184566	46.295	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%

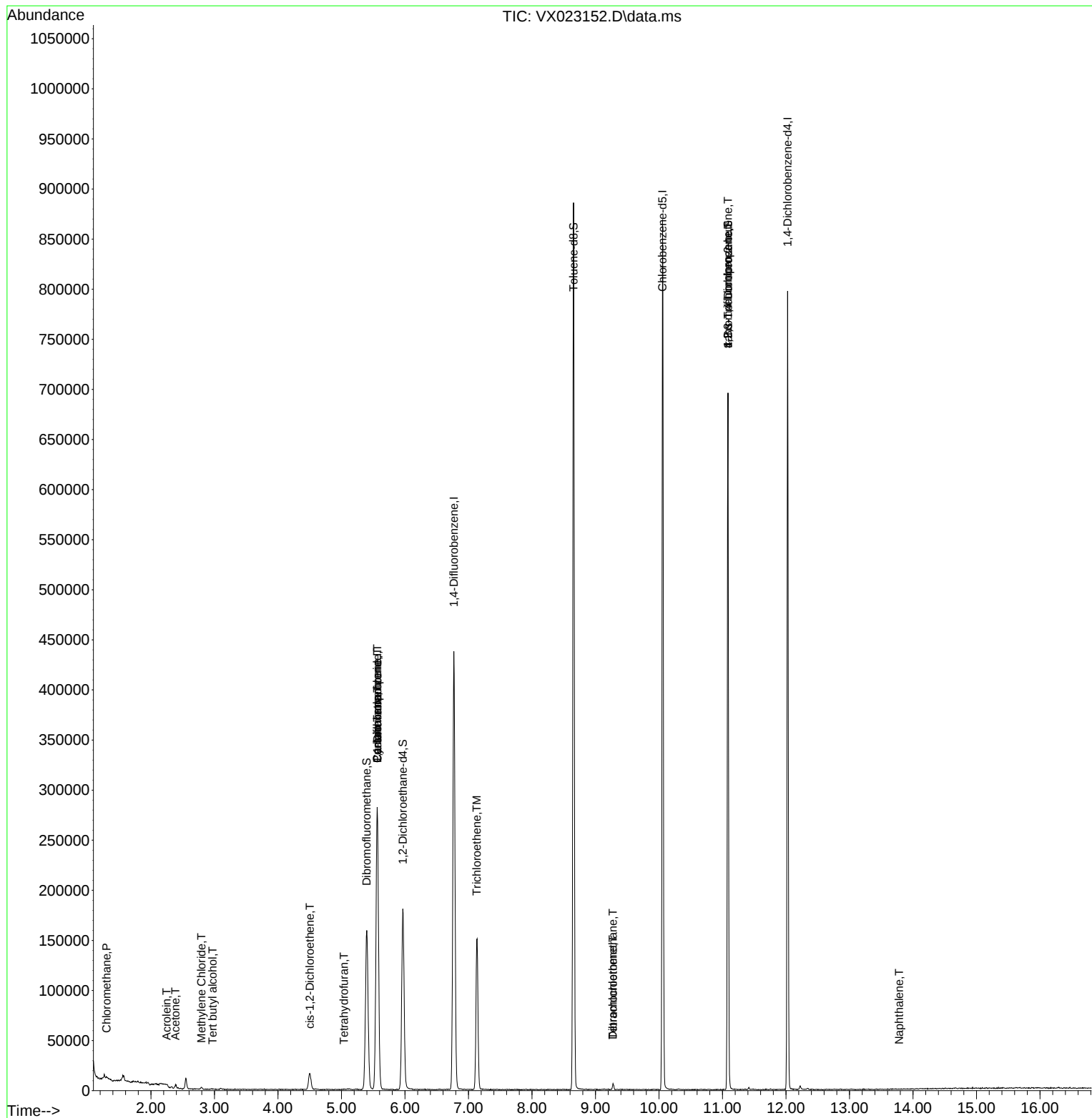
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	710	0.305	ug/l	94
5) Bromomethane	1.587	94	105	Below Cal	#	2
11) Tert butyl alcohol	2.971	59	307	0.418	ug/l #	73
13) Acrolein	2.246	56	129	0.264	ug/l #	1
16) Acetone	2.386	43	4116	2.982	ug/l #	81
20) Methylene Chloride	2.794	84	962	0.324	ug/l #	86
27) cis-1,2-Dichloroethene	4.501	96	10015	3.308	ug/l	96
29) Tetrahydrofuran	5.038	42	446	0.333	ug/l #	36
31) Cyclohexane	5.562	56	5844	1.399	ug/l #	34
36) 1,1-Dichloropropene	5.562	75	20835	5.452	ug/l #	48
38) Carbon Tetrachloride	5.562	117	27443	6.879	ug/l #	17
44) Trichloroethene	7.129	130	59287	18.835	ug/l	99
60) Dibromochloromethane	9.275	129	941	3.375	ug/l #	11
64) Tetrachloroethene	9.275	164	992	0.327	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	93561	29.414	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	93561	79.071	ug/l #	12
95) Naphthalene	13.780	128	336	1.303	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
Data File : VX023152.D
Acq On : 06 Jul 2021 17:40
Operator : JC/MD
Sample : M2923-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 07 02:54:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

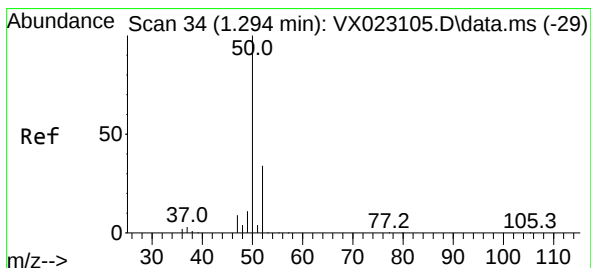
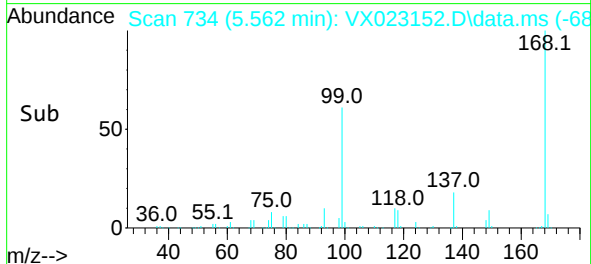
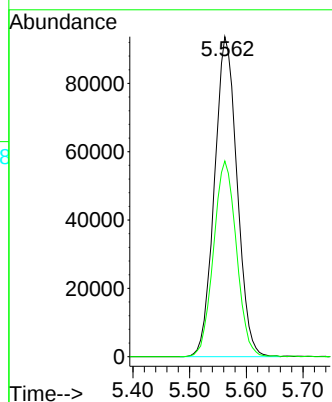
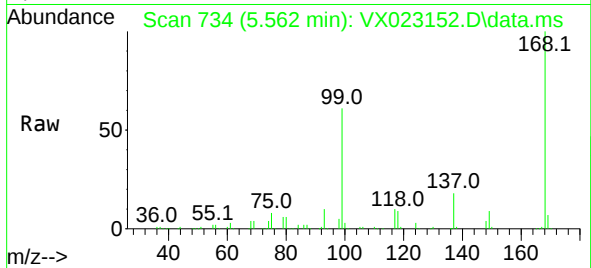




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

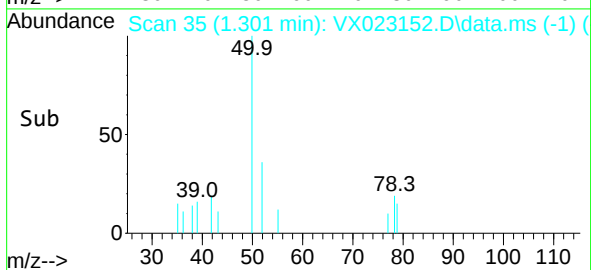
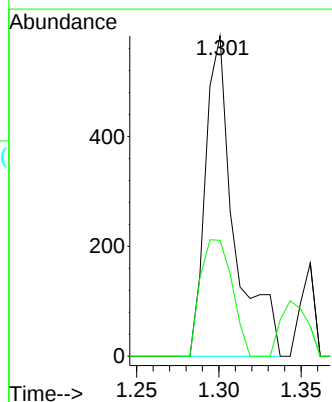
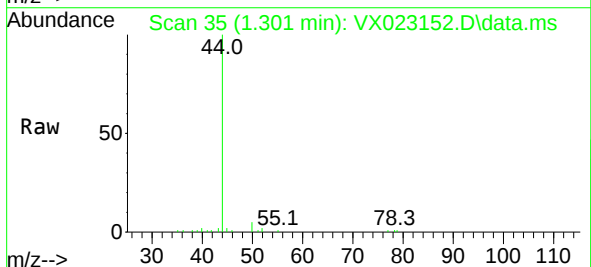
Instrument :
MSVOA_X
ClientSampled :

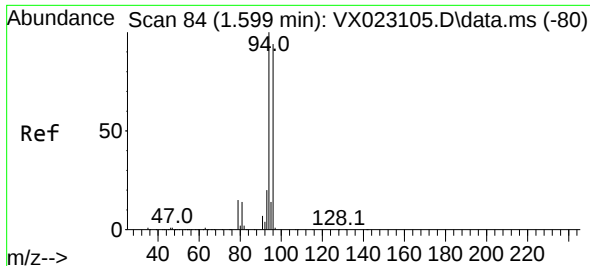
Tgt Ion:168 Resp: 259619
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.305 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 36.2 26.4 39.6

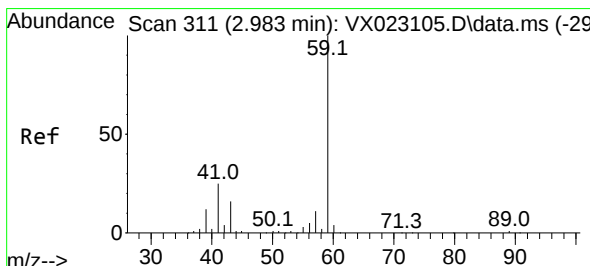
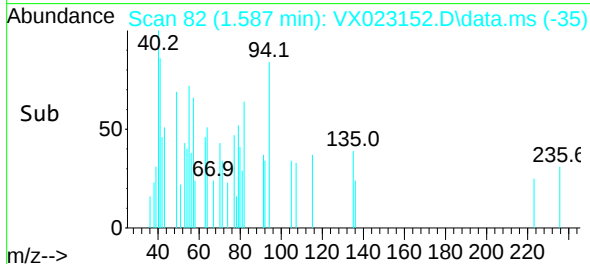
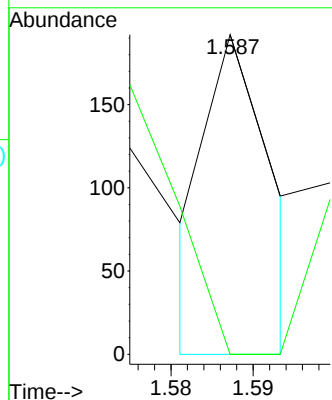
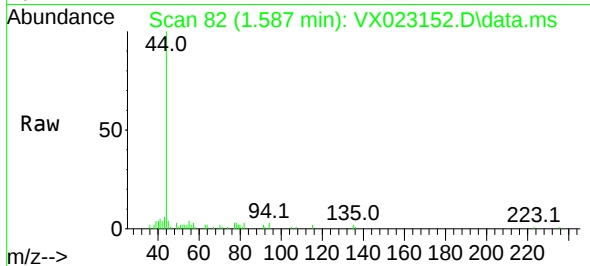




#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

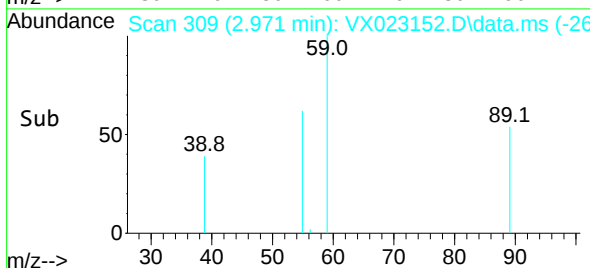
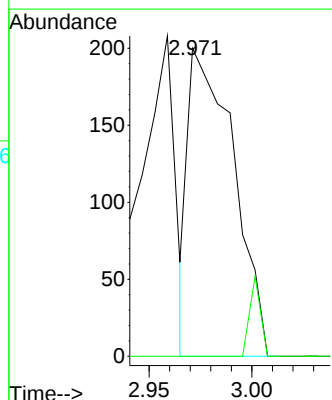
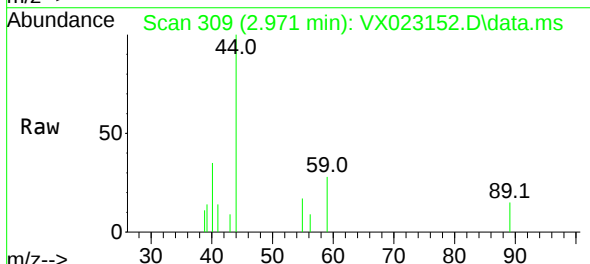
Instrument :
MSVOA_X
ClientSampled :

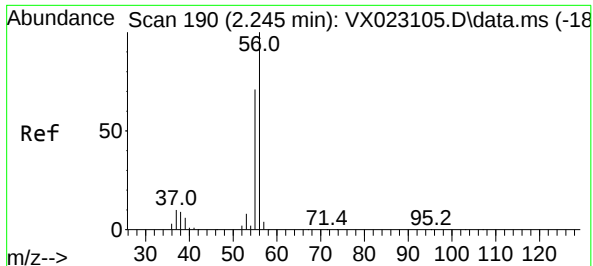
Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.418 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

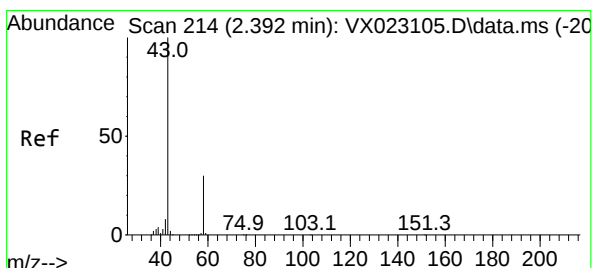
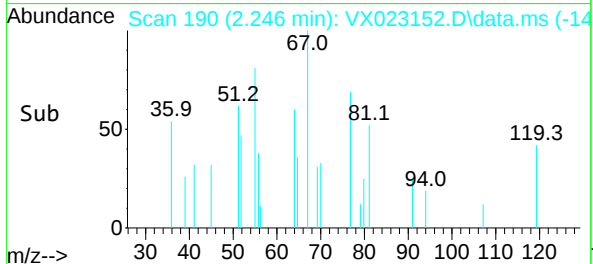
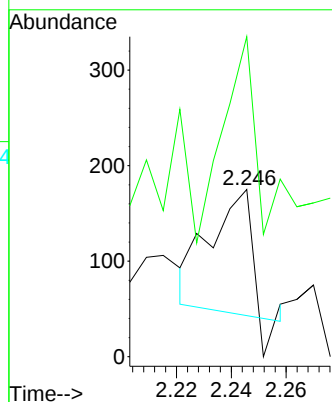
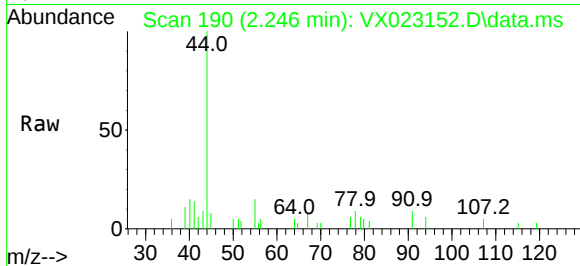




#13
Acrolein
Concen: 0.264 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

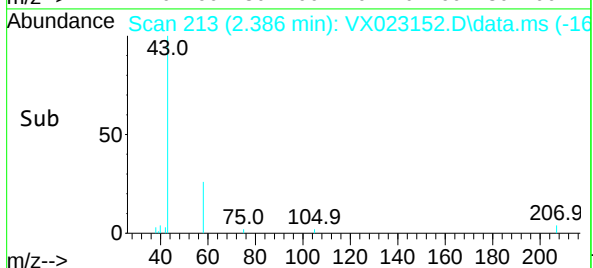
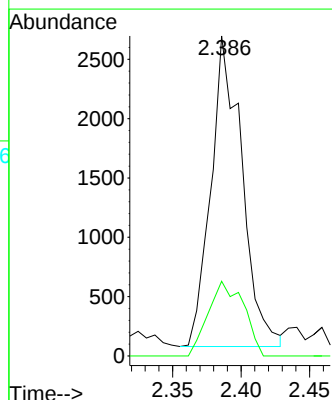
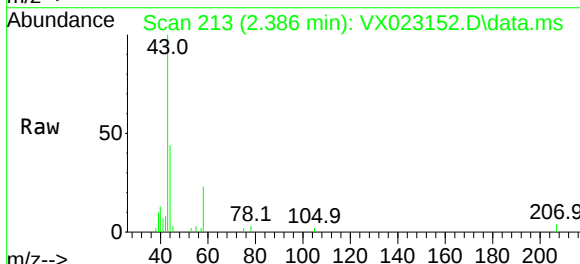
Instrument :
MSVOA_X
ClientSampled :

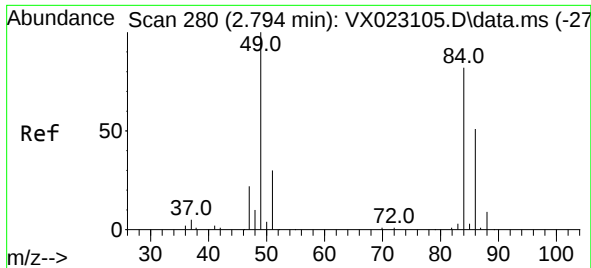
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 537.2 56.4 84.6#



#16
Acetone
Concen: 2.982 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 43 Resp: 4116
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



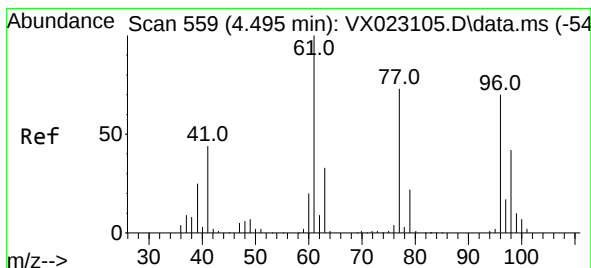
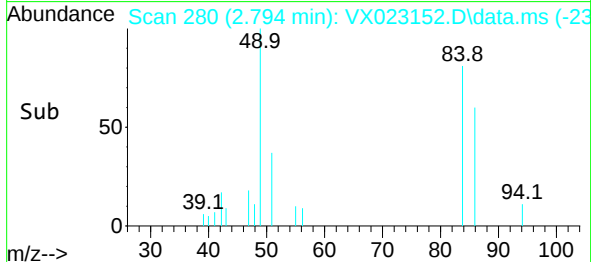
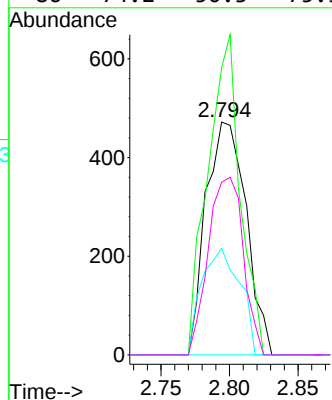
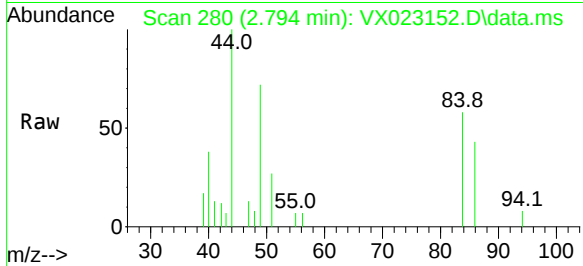


#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 962

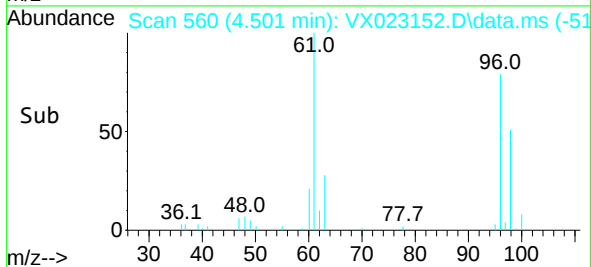
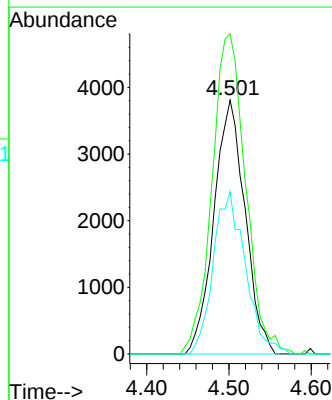
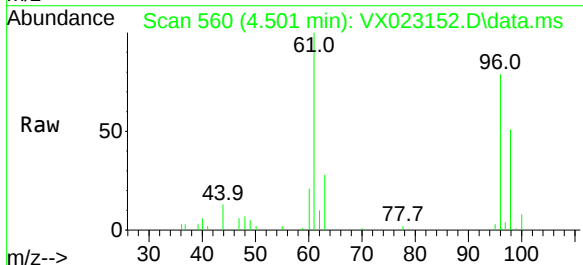
Ion	Ratio	Lower	Upper
84	100		
49	123.3	88.6	132.8
51	45.8	27.0	40.6#
86	74.2	50.3	75.5

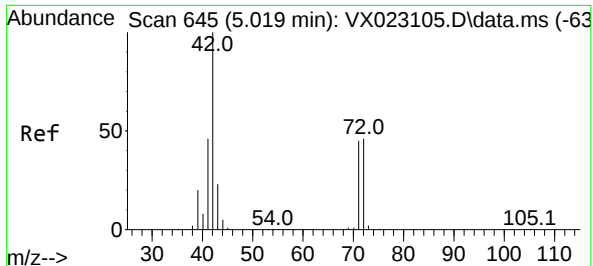


#27
cis-1,2-Dichloroethene
Concen: 3.308 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 96 Resp: 10015

Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	285.6
98	65.9	0.0	129.6





#29

Tetrahydrofuran

Concen: 0.333 ug/l

RT: 5.038 min Scan# 648

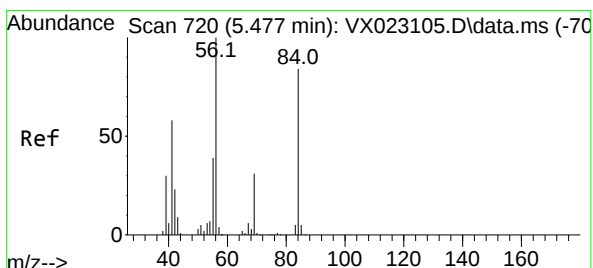
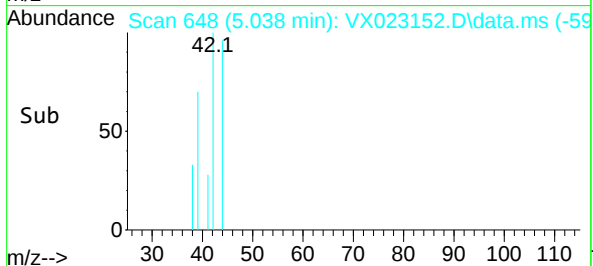
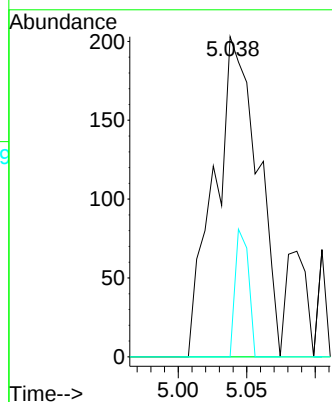
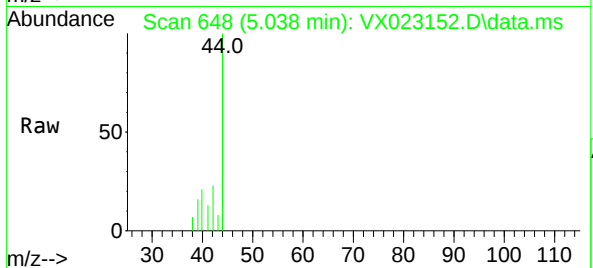
Delta R.T. 0.019 min

Lab File: VX023152.D

Acq: 06 Jul 2021 17:40

Tgt Ion:	42	Resp:	446
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	12.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.399 ug/l

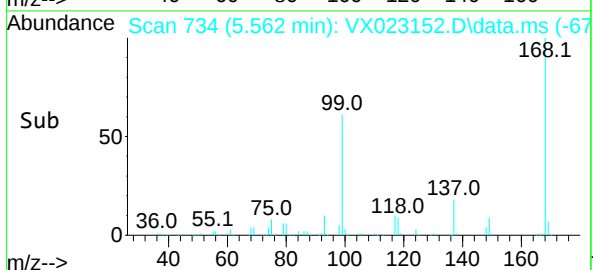
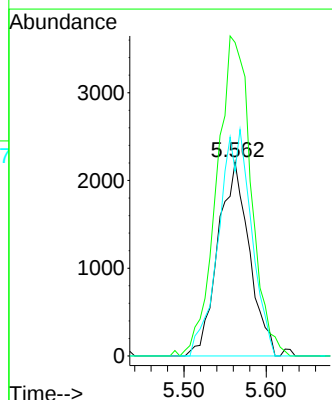
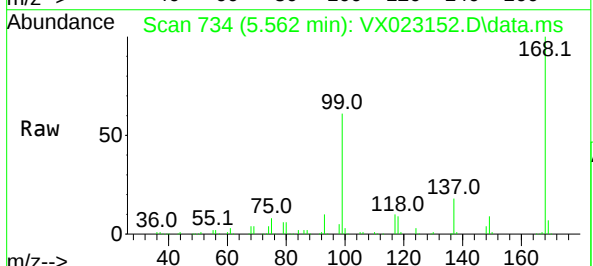
RT: 5.562 min Scan# 734

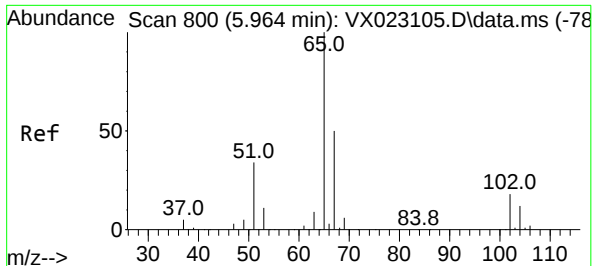
Delta R.T. 0.085 min

Lab File: VX023152.D

Acq: 06 Jul 2021 17:40

Tgt Ion:	56	Resp:	5844
Ion	Ratio	Lower	Upper
56	100		
69	161.7	25.3	37.9#
84	95.4	71.4	107.0

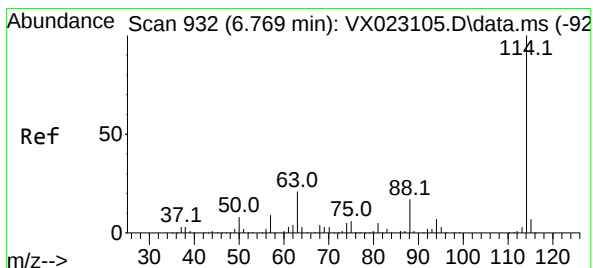
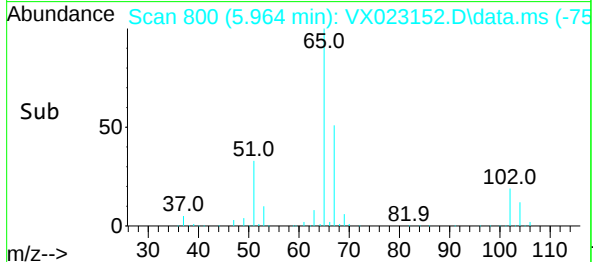
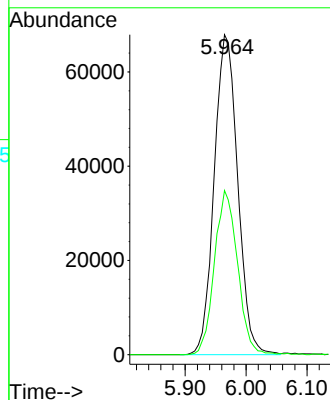
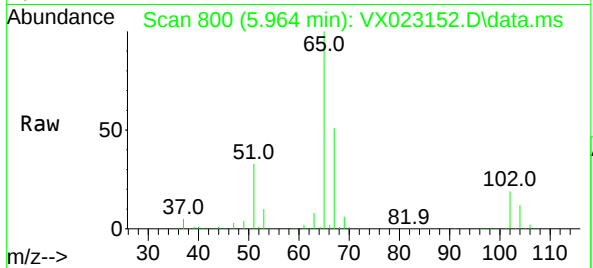




#33
1,2-Dichloroethane-d4
Concen: 52.179 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

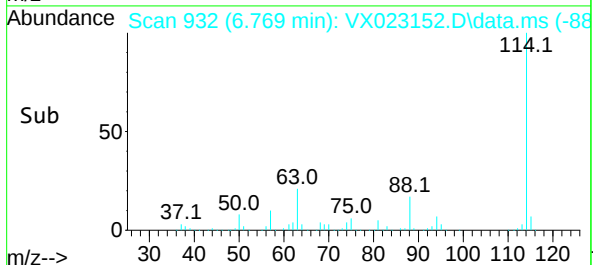
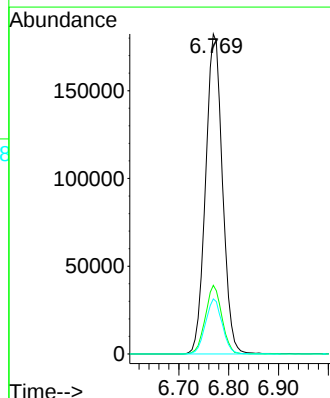
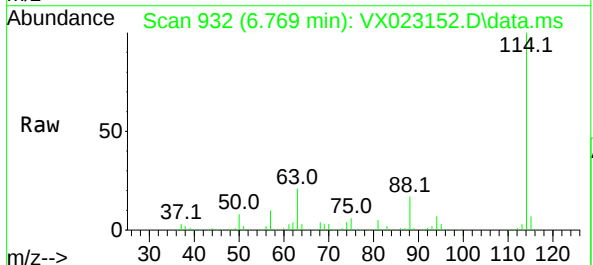
Instrument :
MSVOA_X
ClientSampled :

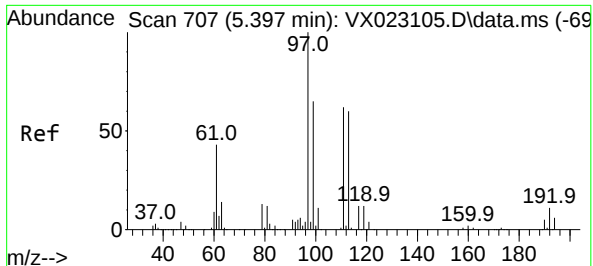
Tgt Ion: 65 Resp: 182067
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 114 Resp: 428708
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 17.2 0.0 32.8

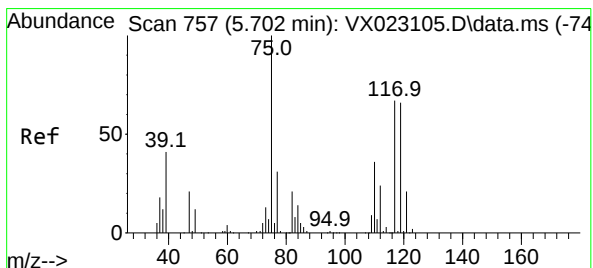
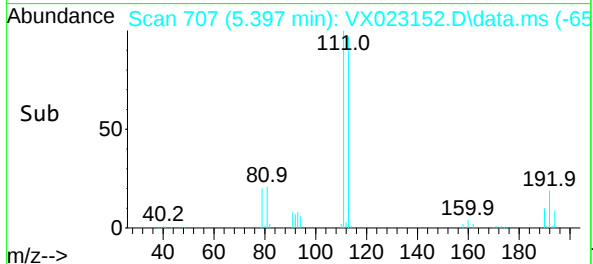
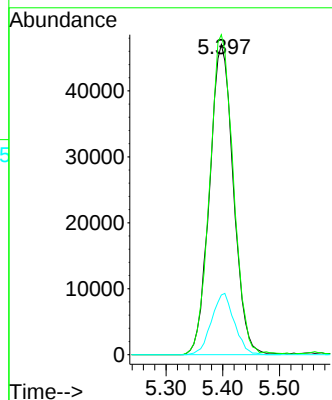
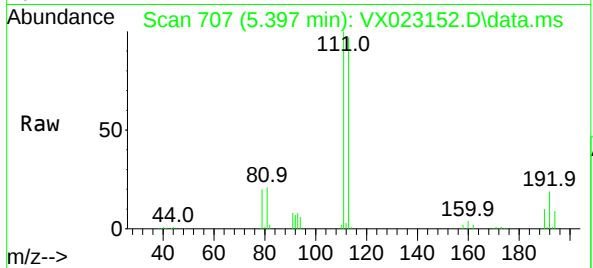




#35
Dibromofluoromethane
Concen: 49.516 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

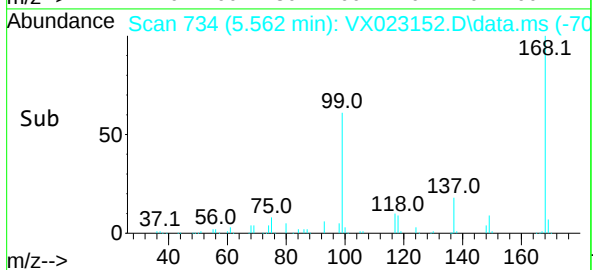
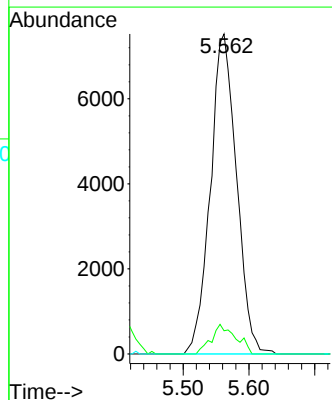
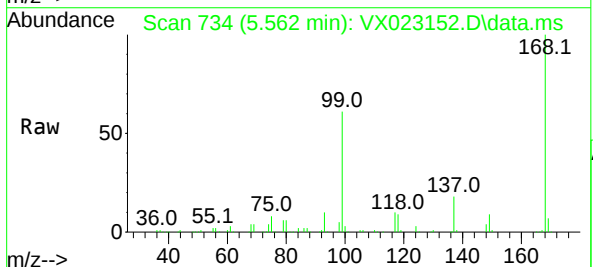
Instrument :
MSVOA_X
ClientSampleId :

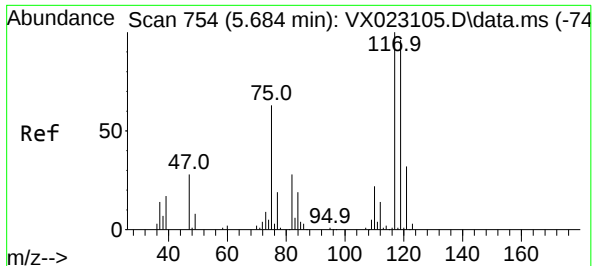
Tgt Ion:113 Resp: 137080
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.452 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

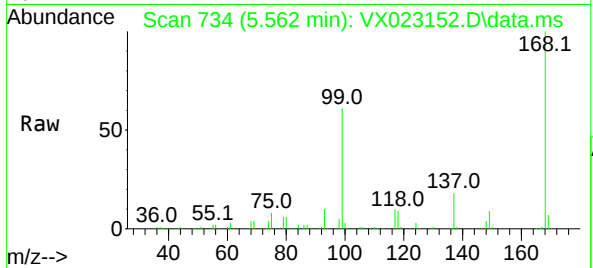
Tgt Ion: 75 Resp: 20835
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



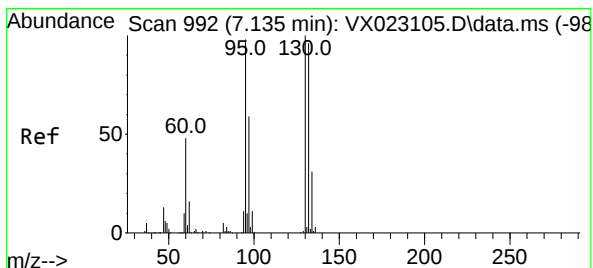
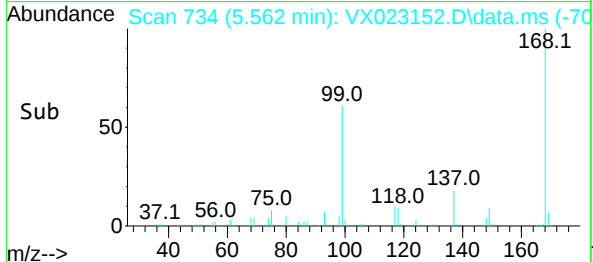
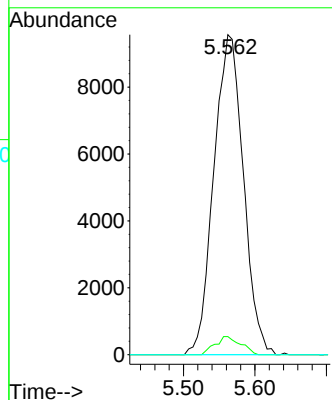


#38
Carbon Tetrachloride
Concen: 6.879 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Instrument :
MSVOA_X
ClientSampled :

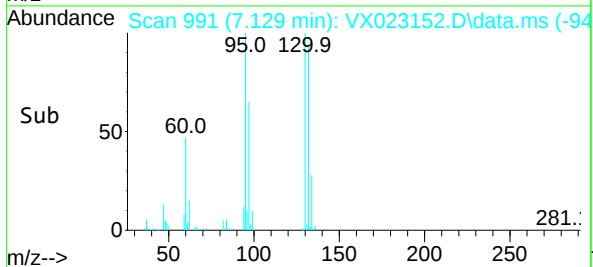
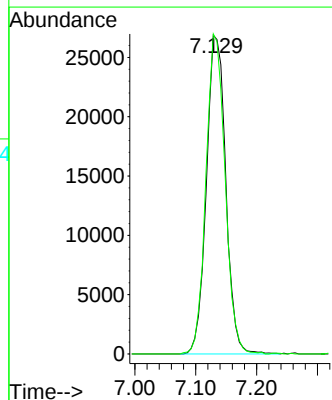
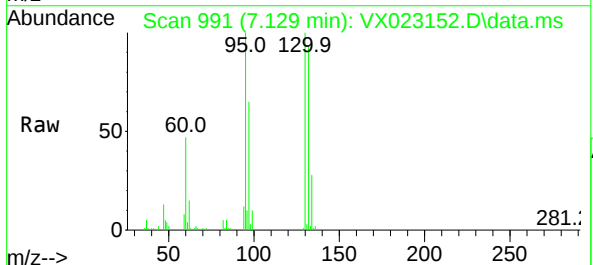


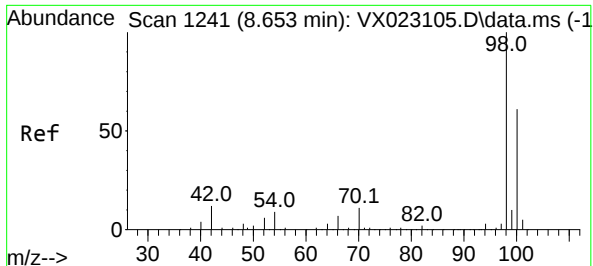
Tgt Ion:117 Resp: 27443
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 18.835 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion:130 Resp: 59287
Ion Ratio Lower Upper
130 100
95 100.4 0.0 198.0

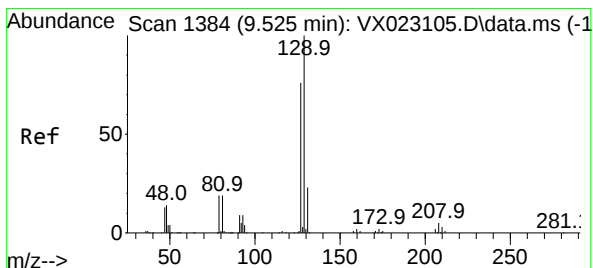
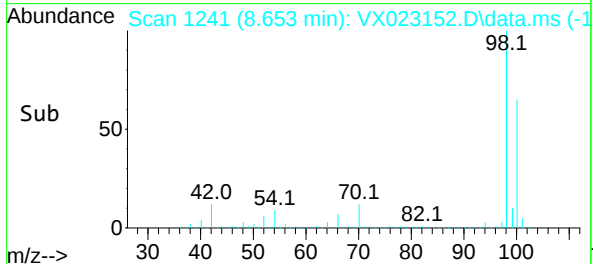
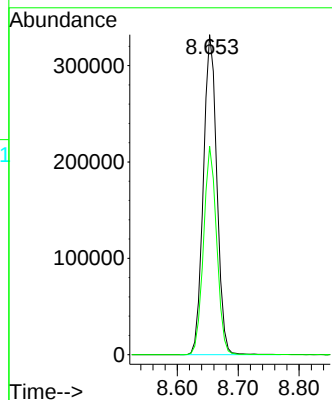
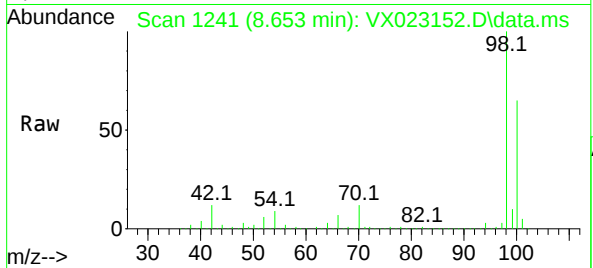




#50
Toluene-d8
Concen: 49.662 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

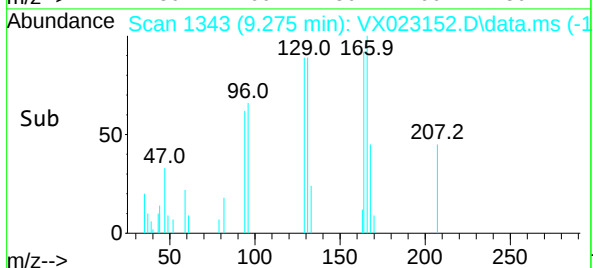
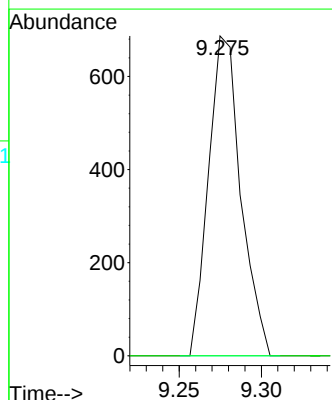
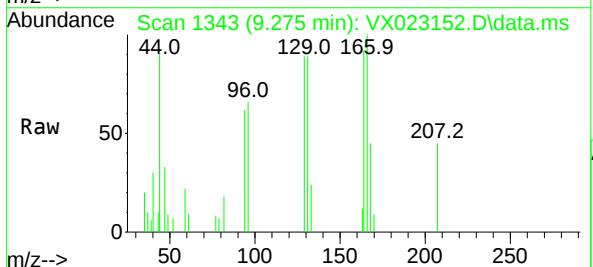
Instrument :
MSVOA_X
ClientSampled :

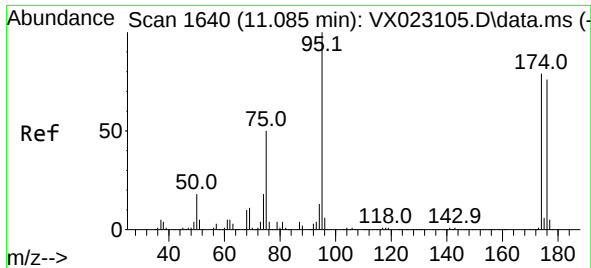
Tgt Ion: 98 Resp: 512847
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#60
Dibromochloromethane
Concen: 3.375 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 129 Resp: 941
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

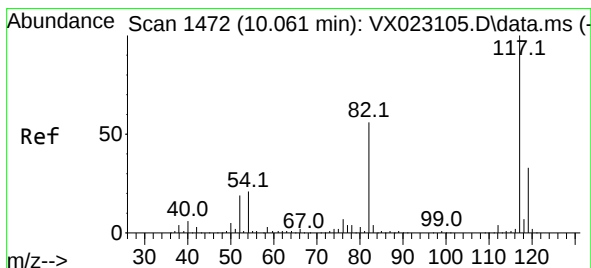
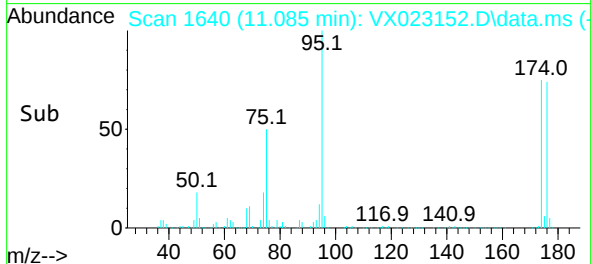
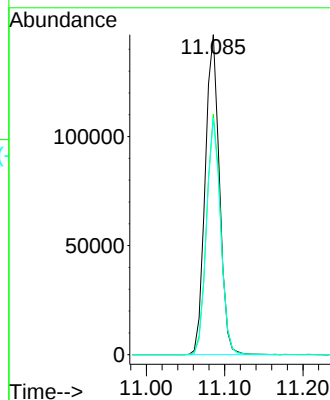
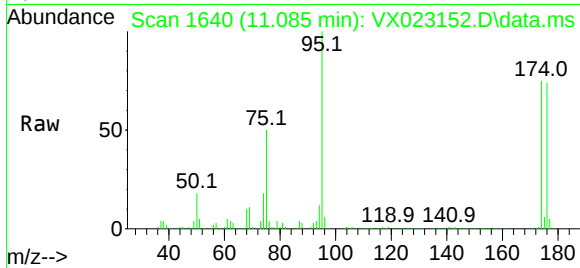




#62
4-Bromofluorobenzene
Concen: 46.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

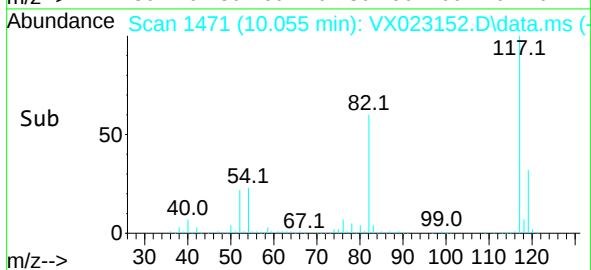
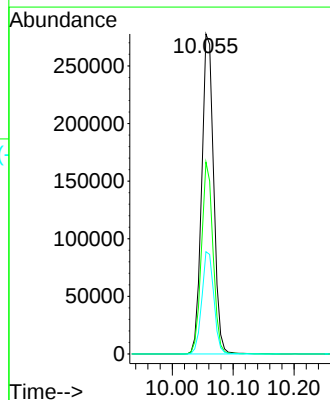
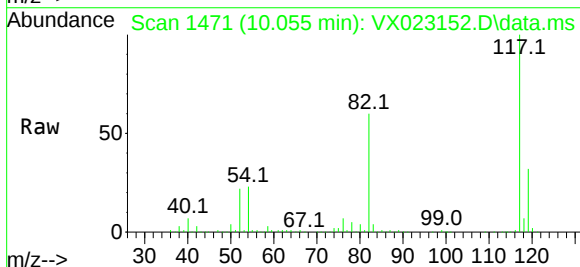
Instrument :
MSVOA_X
ClientSampled :

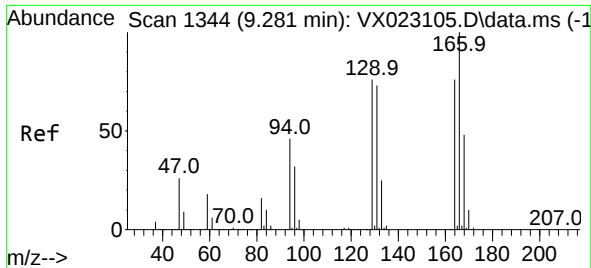
Tgt Ion: 95 Resp: 184566
Ion Ratio Lower Upper
95 100
174 74.4 0.0 154.6
176 72.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

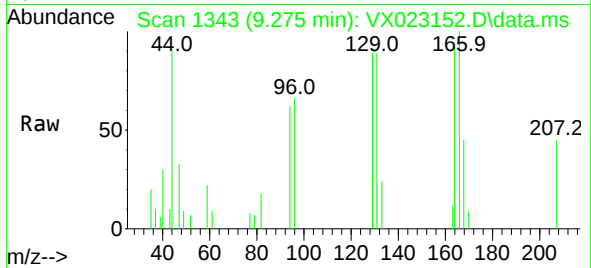
Tgt Ion: 117 Resp: 380029
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.0 26.6 39.8





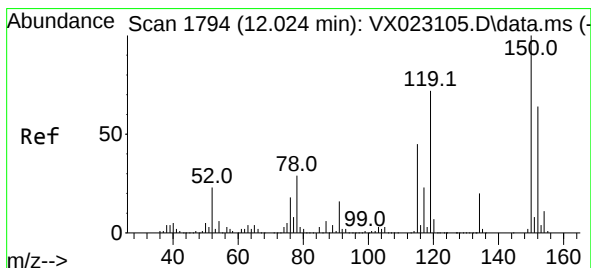
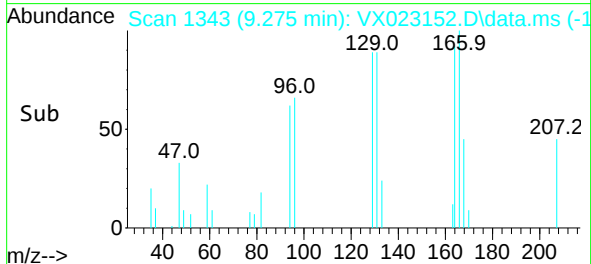
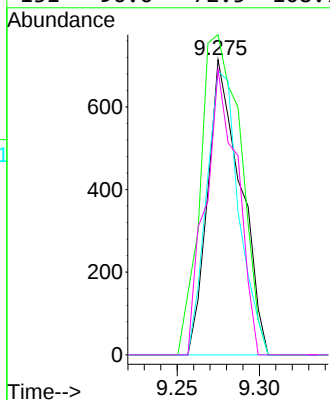
#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 992

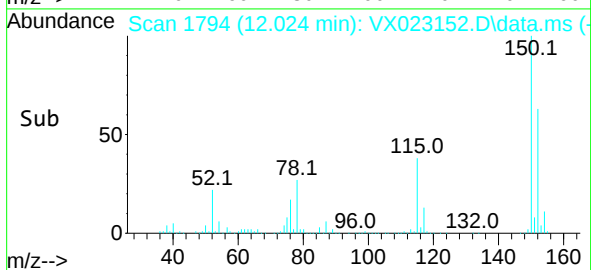
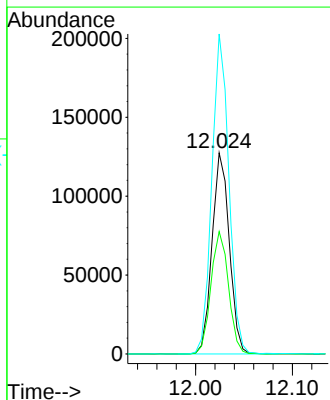
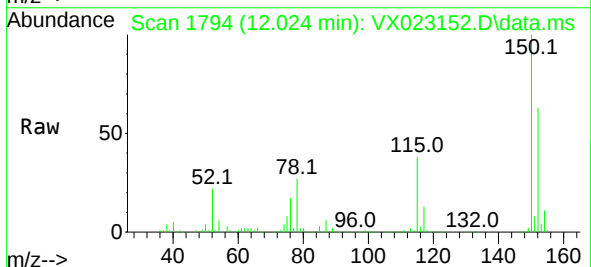
Ion	Ratio	Lower	Upper
164	100		
166	108.5	103.4	155.2
129	96.2	70.8	106.2
131	96.6	72.5	108.7

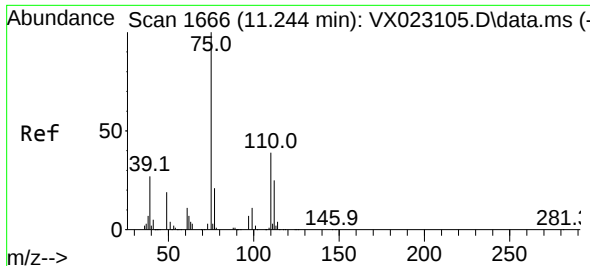


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Tgt Ion:152 Resp: 158065

Ion	Ratio	Lower	Upper
152	100		
115	61.9	41.1	123.3
150	157.2	0.0	349.0

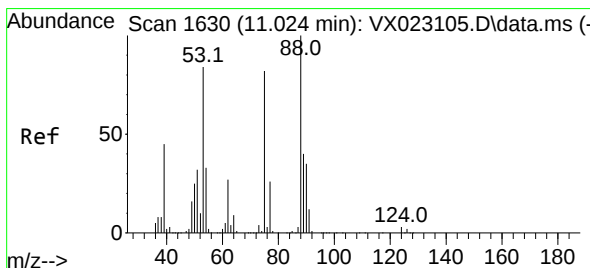
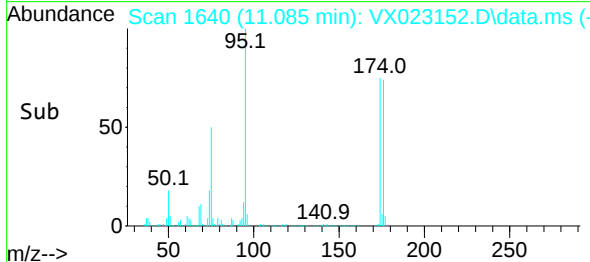
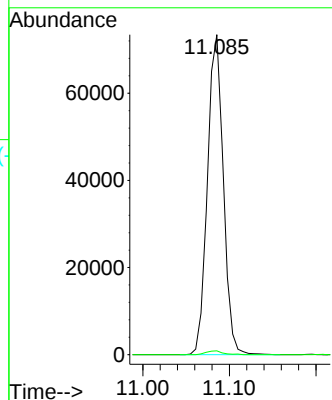
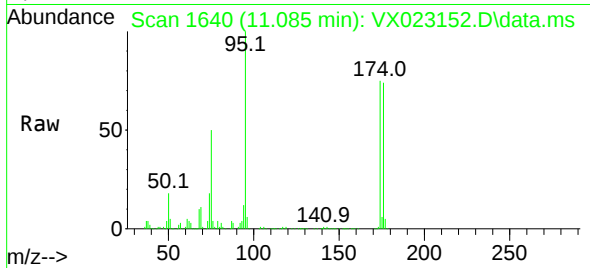




#76
1,2,3-Trichloropropane
Concen: 29.414 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

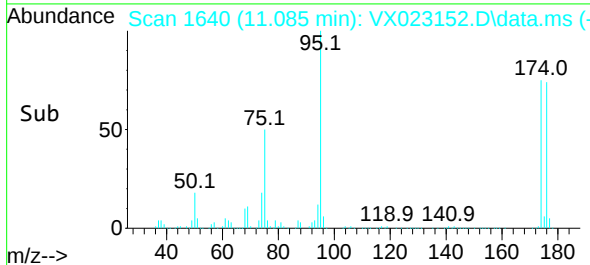
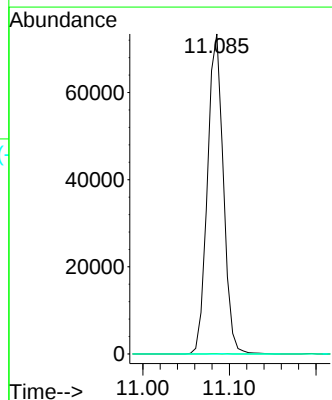
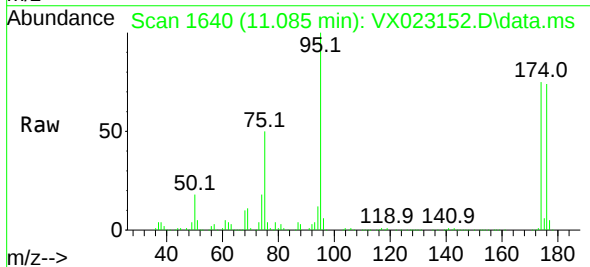
Instrument :
MSVOA_X
ClientSampled :

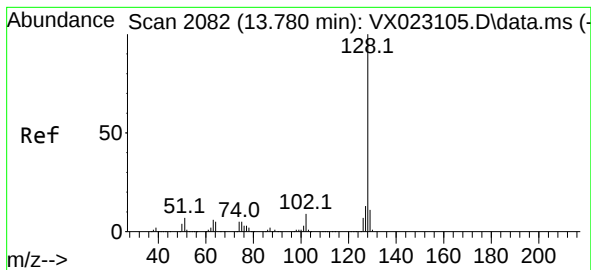
Tgt Ion: 75 Resp: 93561
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.071 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

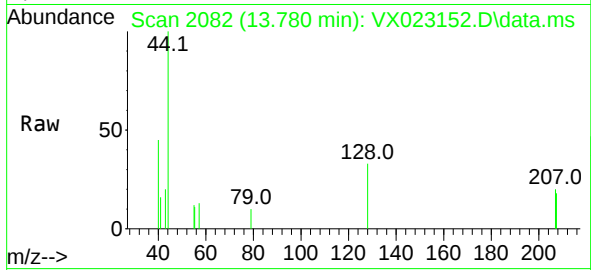
Tgt Ion: 75 Resp: 93561
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.303 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023152.D
Acq: 06 Jul 2021 17:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 336
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

