

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023210.D
 Acq On : 08 Jul 2021 19:24
 Operator : JC/MD
 Sample : M2772-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 08:15:06 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	212597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	349284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146525	51.281	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.560%	
35) Dibromofluoromethane	5.397	113	106839	47.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.740%	
50) Toluene-d8	8.653	98	411575	48.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	11.085	95	148195	45.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.240%	

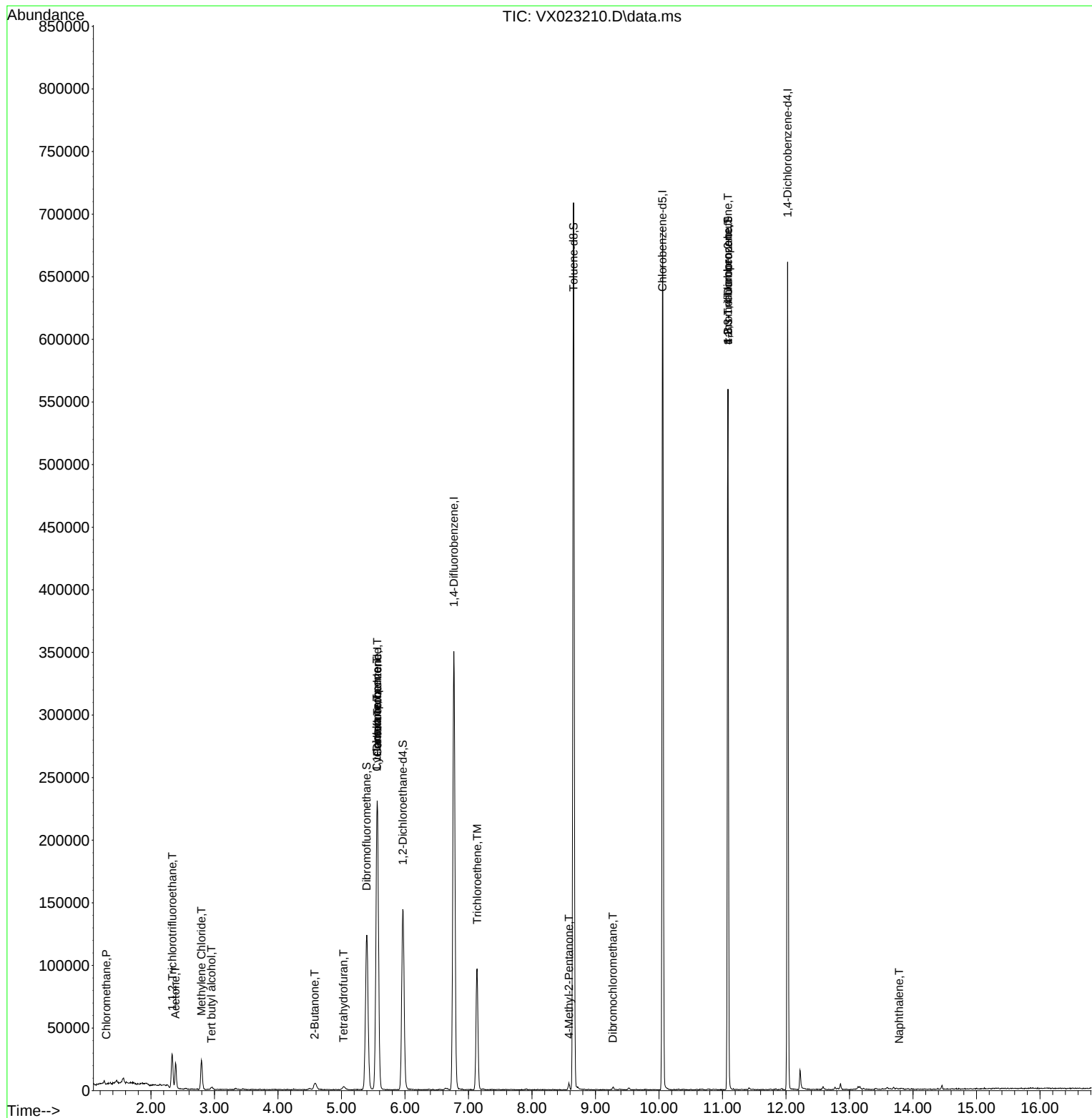
Target Compounds				Qvalue		
3) Chloromethane	1.295	50	391	0.205	ug/l #	83
5) Bromomethane	1.612	94	181	Below Cal	#	80
9) 1,1,2-Trichlorotrifluo...	2.337	101	10775	5.248	ug/l	97
11) Tert butyl alcohol	2.953	59	1412	2.349	ug/l #	73
16) Acetone	2.386	43	21510	19.028	ug/l	93
20) Methylene Chloride	2.794	84	10612	4.360	ug/l	95
25) 2-Butanone	4.574	43	5119	3.003	ug/l #	79
29) Tetrahydrofuran	5.032	42	2341	2.136	ug/l #	91
31) Cyclohexane	5.556	56	4705	1.375	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	17149	5.507	ug/l #	50
38) Carbon Tetrachloride	5.562	117	23124	7.115	ug/l #	16
44) Trichloroethene	7.135	130	36993	14.425	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	2910	0.831	ug/l #	82
60) Dibromochloromethane	9.275	129	474	3.275	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	75816	28.805	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	75816	77.531	ug/l #	12
95) Naphthalene	13.780	128	417	1.317	ug/l #	69

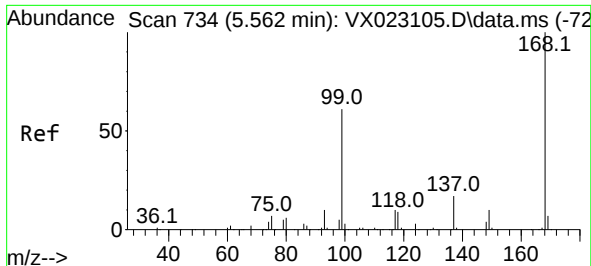
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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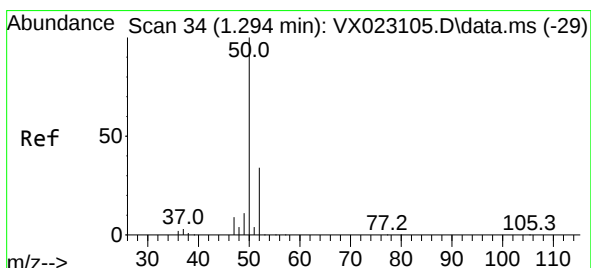
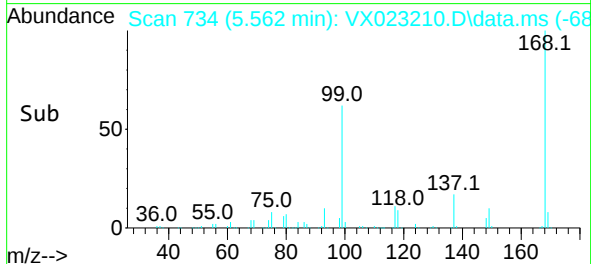
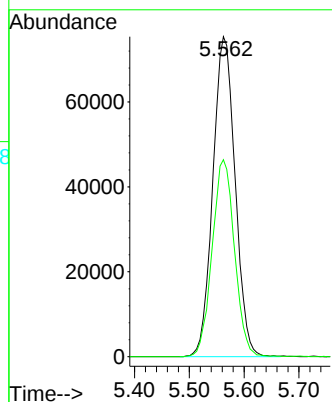
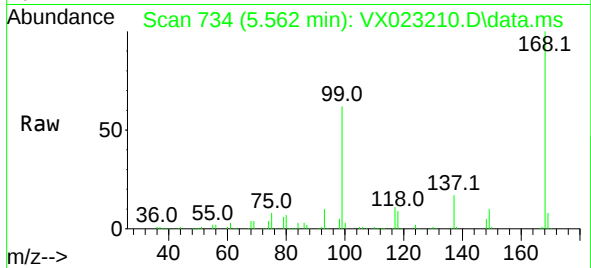




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

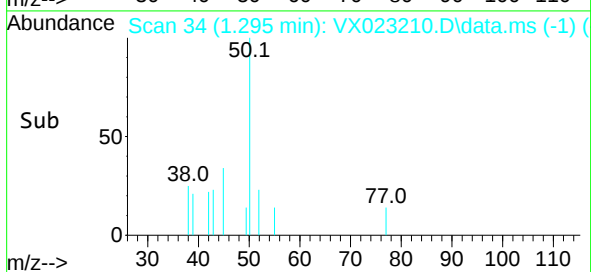
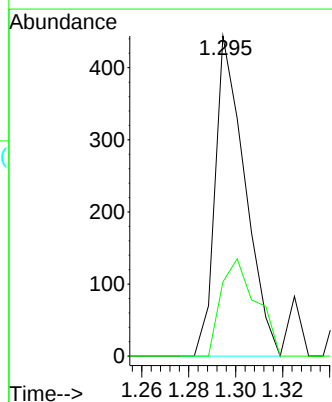
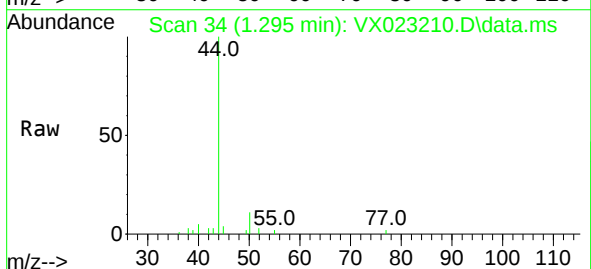
Instrument :
MSVOA_X
ClientSampleId :

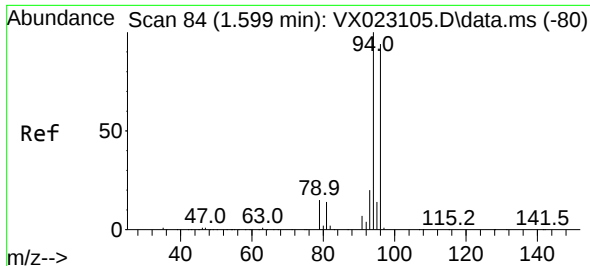
Tgt Ion:168 Resp: 212597
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 23.2 26.4 39.6#

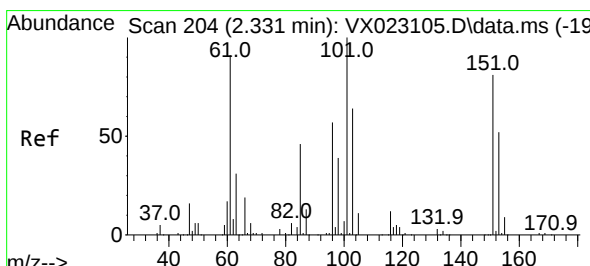
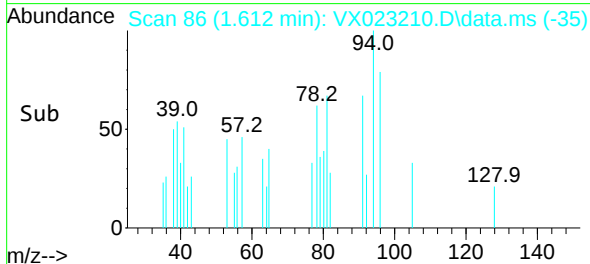
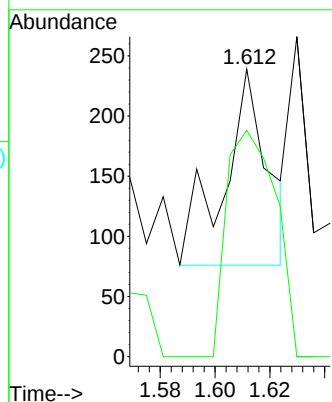
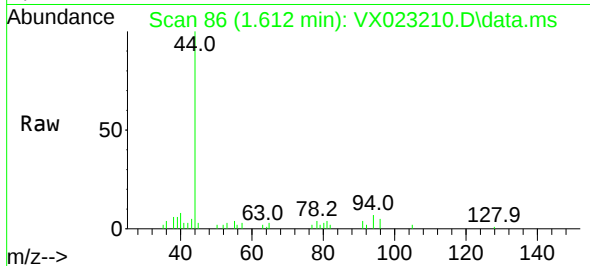




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

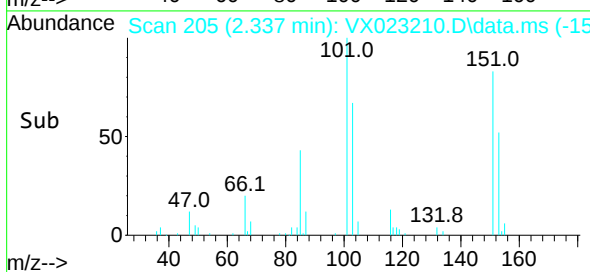
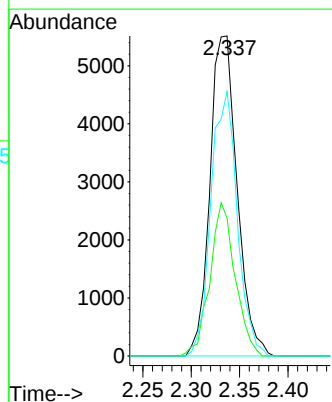
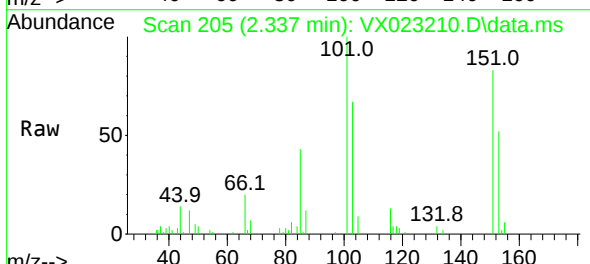
Instrument :
MSVOA_X
ClientSampled :

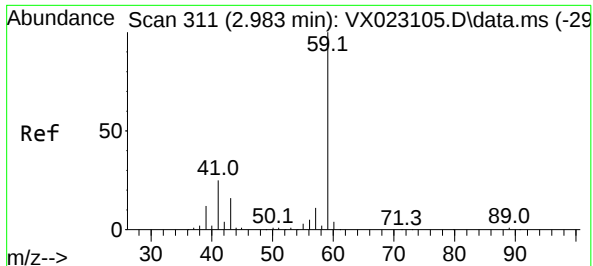
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 115.3 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.248 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Tgt Ion: 101 Resp: 10775
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 80.0 61.4 92.2



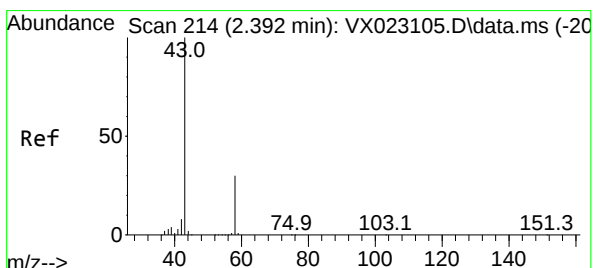
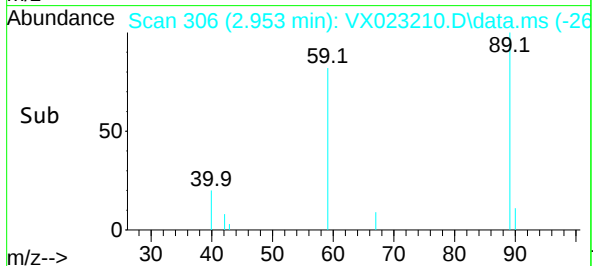
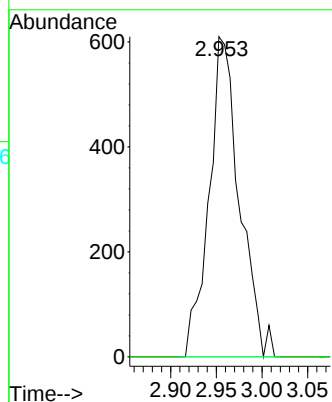
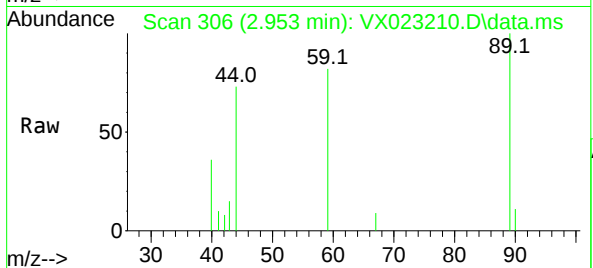


#11

Tert butyl alcohol
Concen: 2.349 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Instrument :
MSVOA_X
ClientSampled :

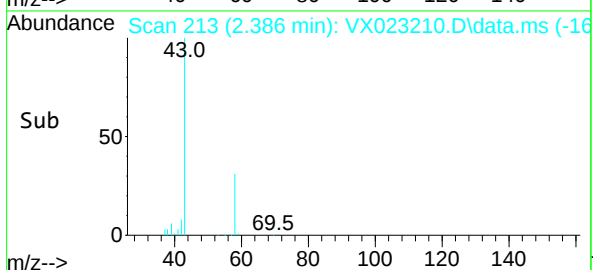
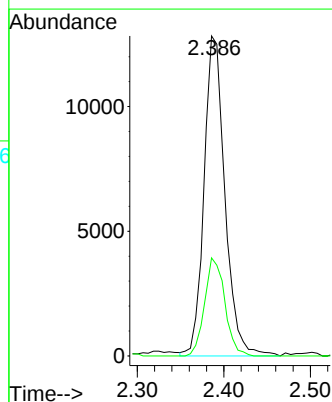
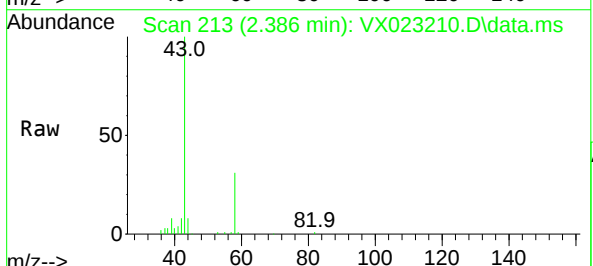
Tgt Ion: 59 Resp: 1412
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

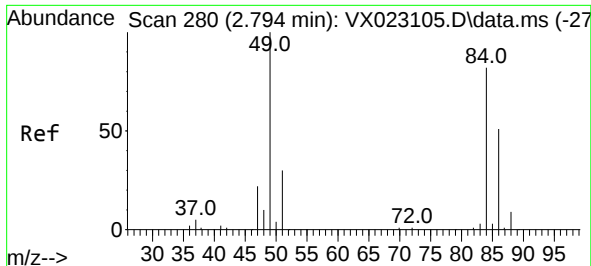


#16

Acetone
Concen: 19.028 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Tgt Ion: 43 Resp: 21510
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8

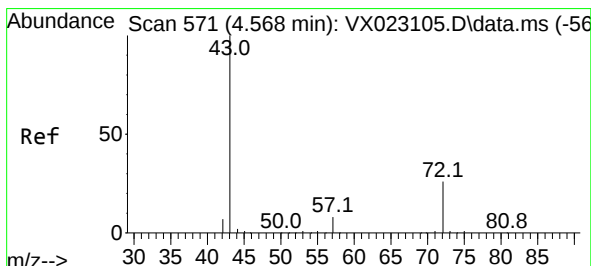
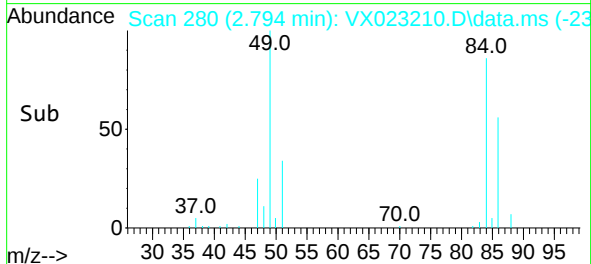
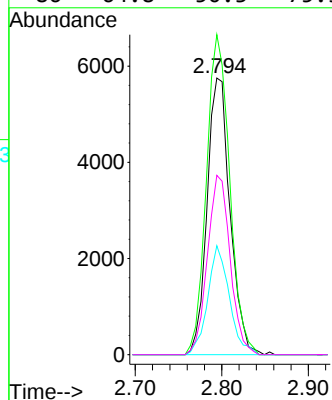
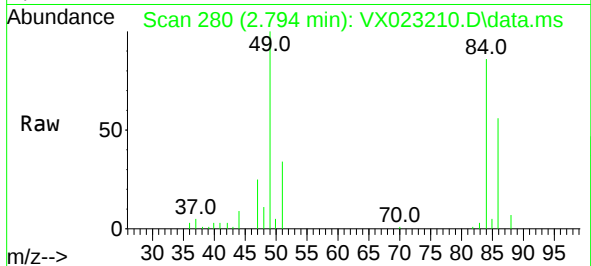




#20
Methylene Chloride
Concen: 4.360 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

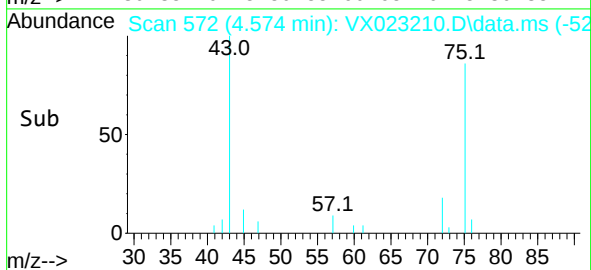
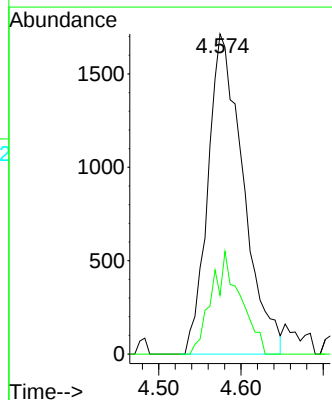
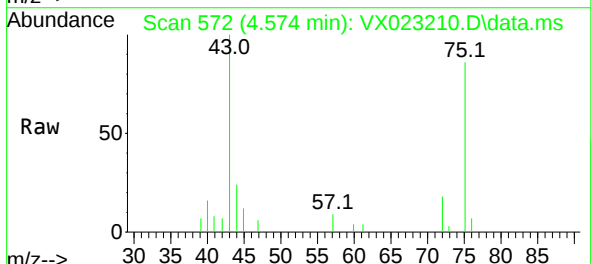
Instrument :
MSVOA_X
ClientSampleId :

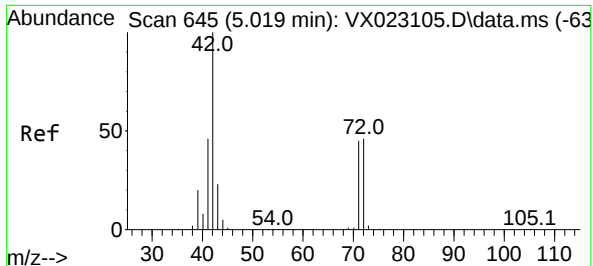
Tgt Ion:	84	Resp:	10612
Ion	Ratio	Lower	Upper
84	100		
49	115.6	88.6	132.8
51	39.3	27.0	40.6
86	64.8	50.3	75.5



#25
2-Butanone
Concen: 3.003 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Tgt Ion:	43	Resp:	5119
Ion	Ratio	Lower	Upper
43	100		
72	18.4	23.7	35.5#





#29

Tetrahydrofuran

Concen: 2.136 ug/l

RT: 5.032 min Scan# 647

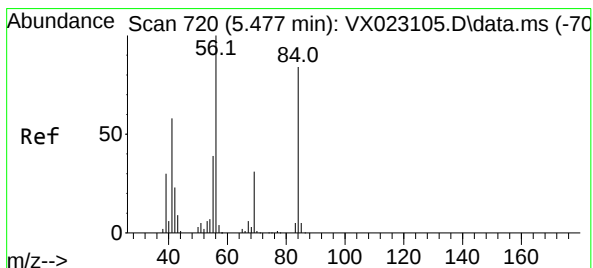
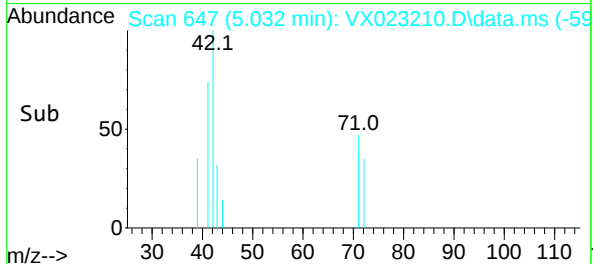
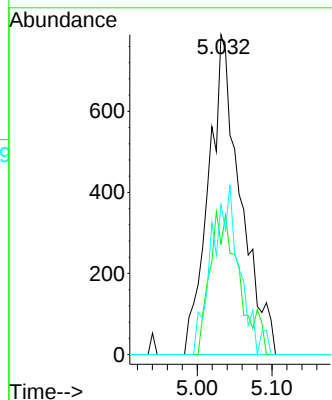
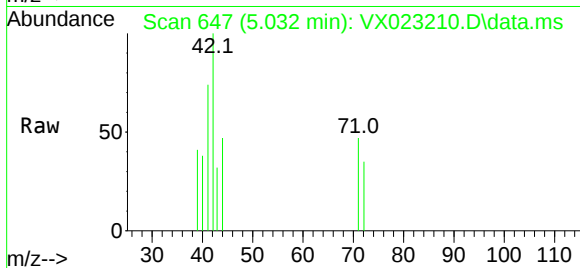
Delta R.T. 0.013 min

Lab File: VX023210.D

Acq: 08 Jul 2021 19:24

Tgt Ion: 42 Resp: 2341

Ion	Ratio	Lower	Upper
42	100		
72	41.2	41.7	62.5#
71	46.2	38.4	57.6



#31

Cyclohexane

Concen: 1.375 ug/l

RT: 5.556 min Scan# 733

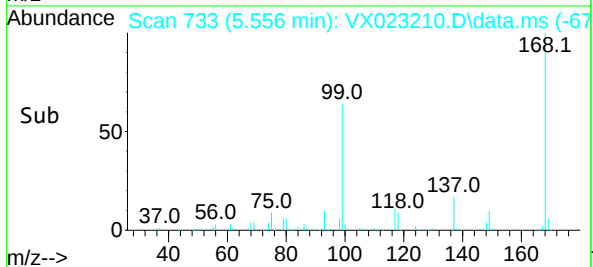
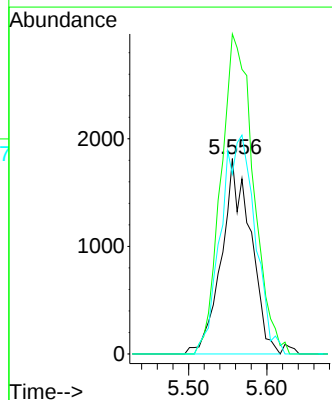
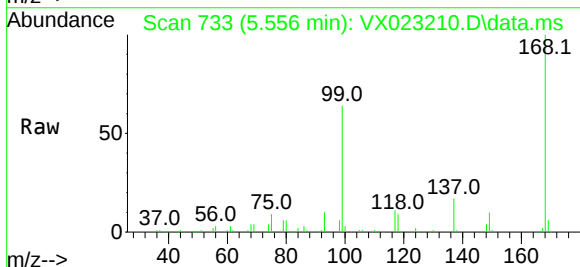
Delta R.T. 0.079 min

Lab File: VX023210.D

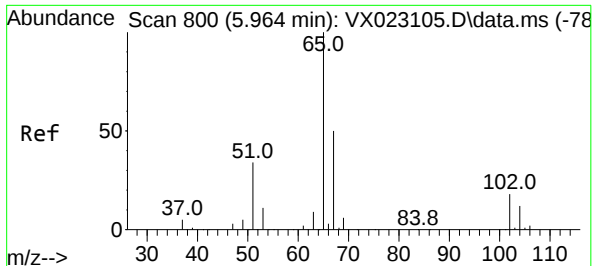
Acq: 08 Jul 2021 19:24

Tgt Ion: 56 Resp: 4705

Ion	Ratio	Lower	Upper
56	100		
69	163.8	25.3	37.9#
84	92.1	71.4	107.0



Instrument :
MSVOA_X
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 51.281 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023210.D

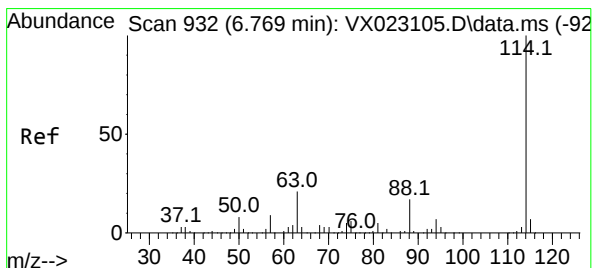
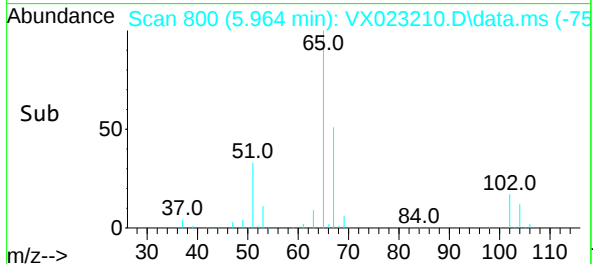
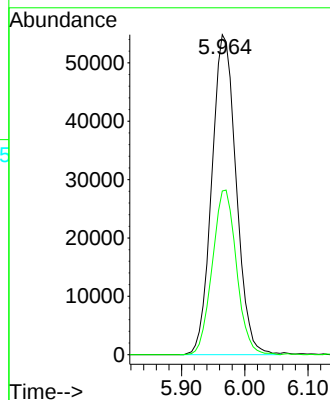
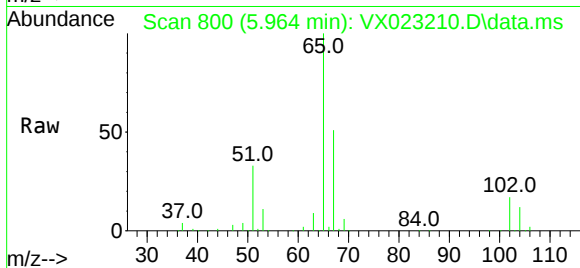
Acq: 08 Jul 2021 19:24

Tgt Ion: 65 Resp: 146525

Ion Ratio Lower Upper

65 100

67 51.0 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: VX023210.D

Acq: 08 Jul 2021 19:24

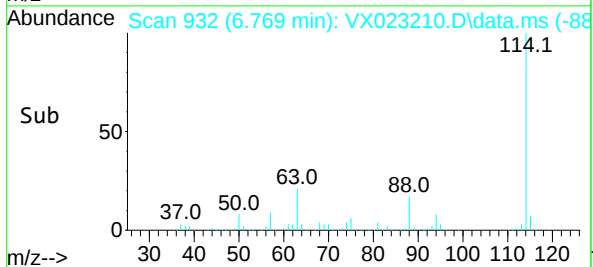
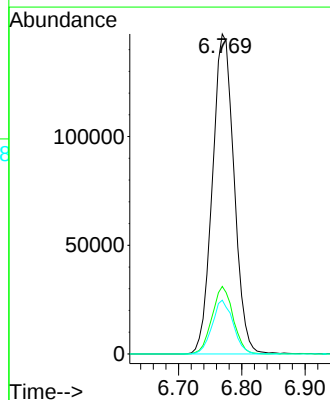
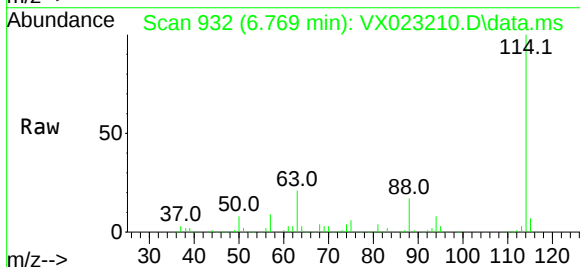
Tgt Ion: 114 Resp: 349284

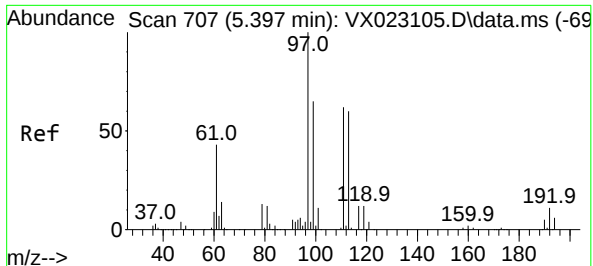
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 16.8 0.0 32.8

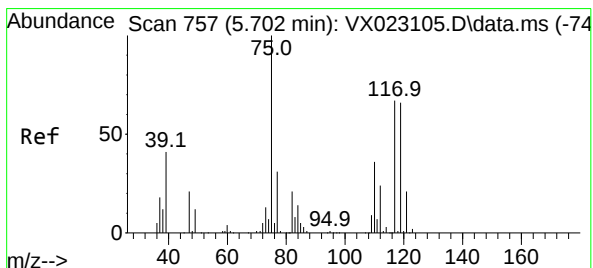
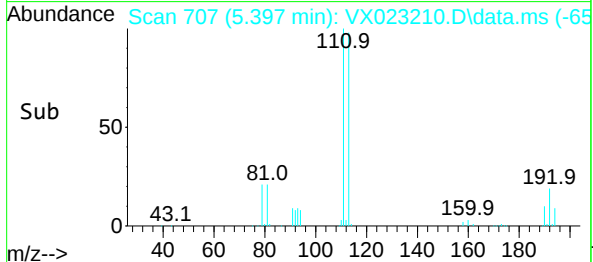
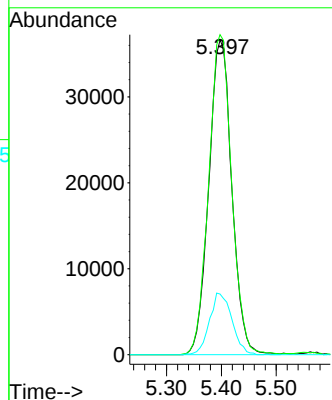
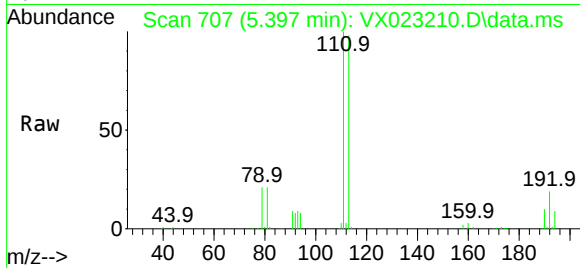




#35
Dibromofluoromethane
Concen: 47.368 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

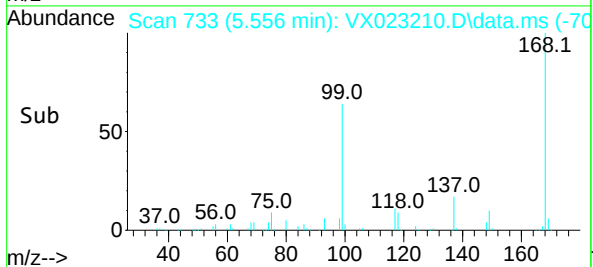
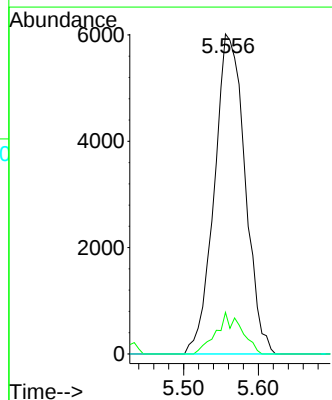
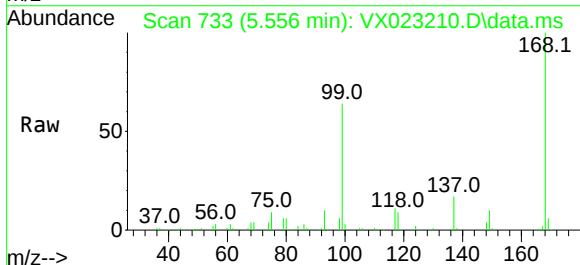
Instrument :
MSVOA_X
ClientSampleId :

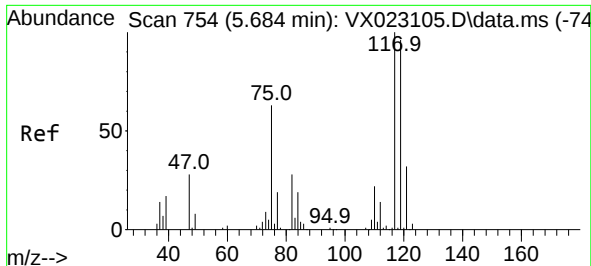
Tgt Ion:113 Resp: 106839
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.507 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

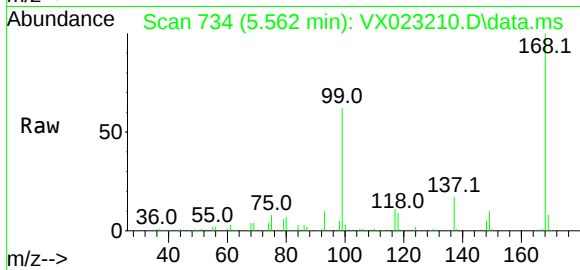
Tgt Ion: 75 Resp: 17149
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



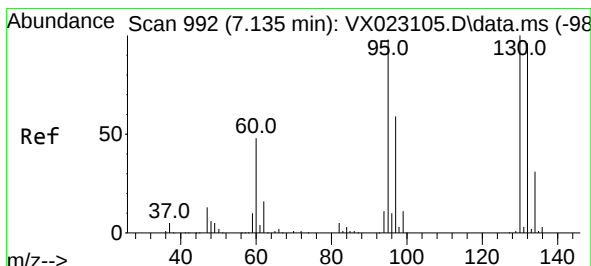
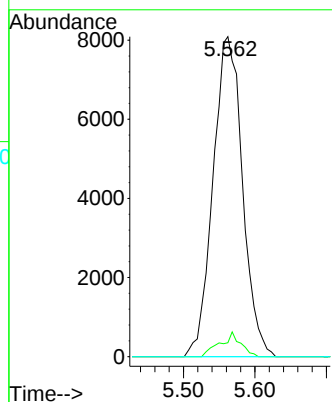
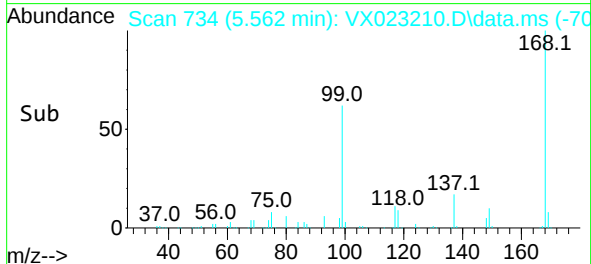


#38
Carbon Tetrachloride
Concen: 7.115 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

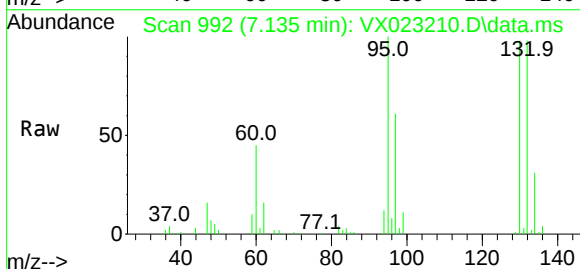
Instrument :
MSVOA_X
ClientSampleId :



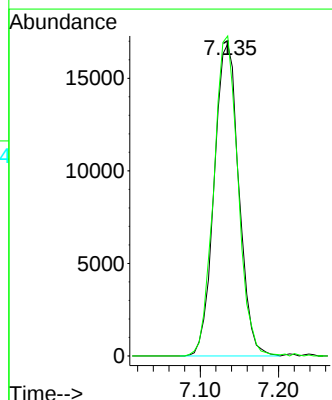
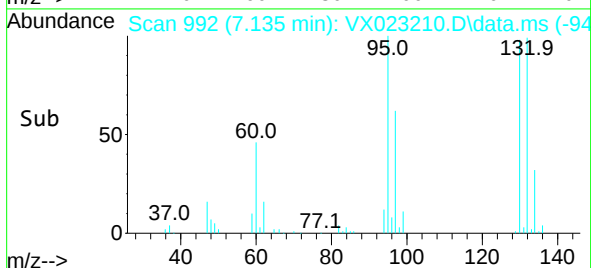
Tgt Ion:117 Resp: 23124
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

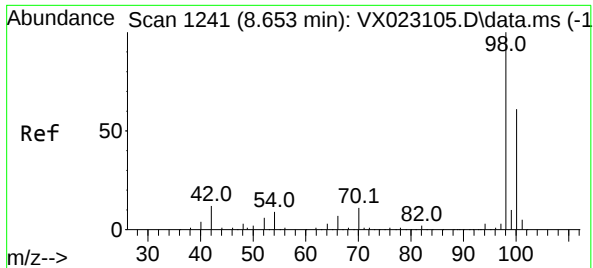


#44
Trichloroethene
Concen: 14.425 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24



Tgt Ion:130 Resp: 36993
Ion Ratio Lower Upper
130 100
95 102.6 0.0 198.0

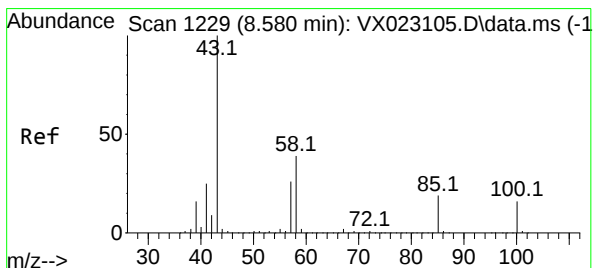
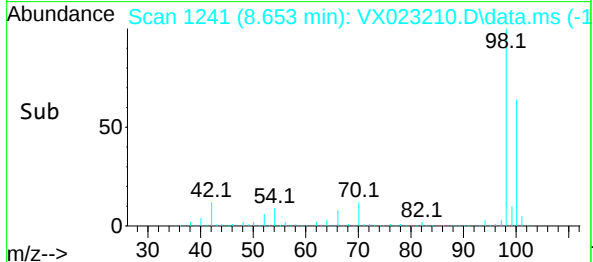
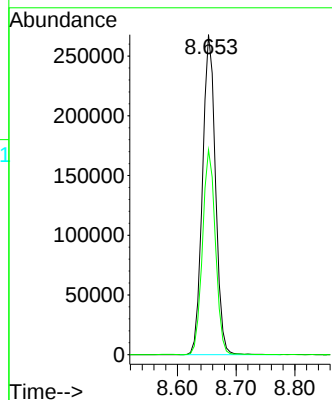
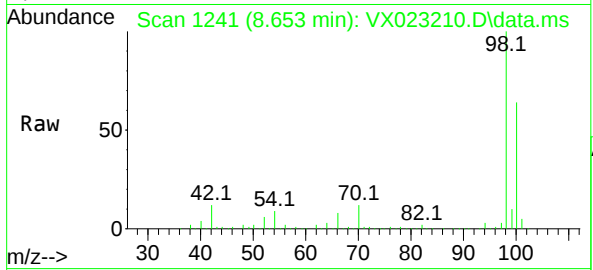




#50
Toluene-d8
Concen: 48.917 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

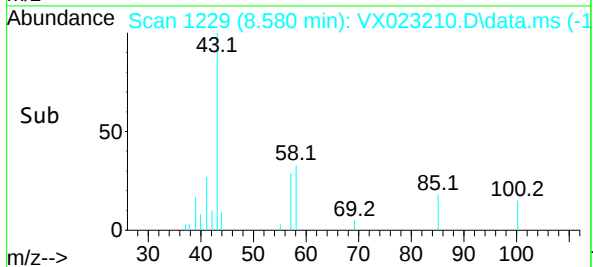
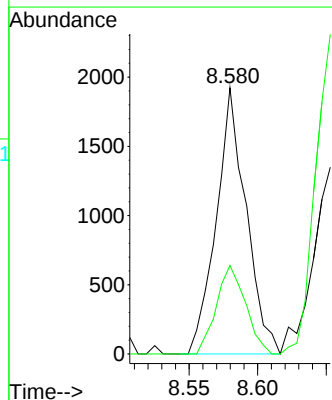
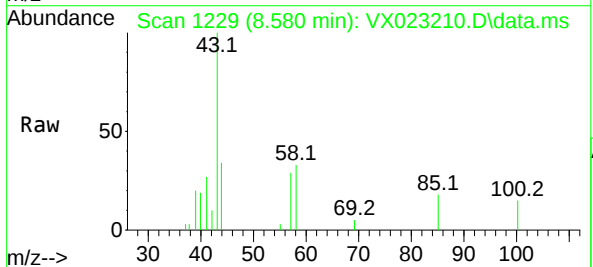
Instrument :
MSVOA_X
ClientSampled :

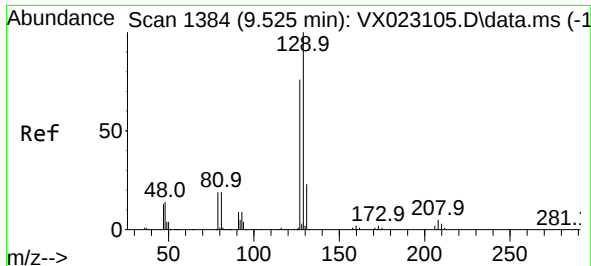
Tgt Ion: 98 Resp: 411575
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.831 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Tgt Ion: 43 Resp: 2910
Ion Ratio Lower Upper
43 100
58 32.5 35.4 53.0#

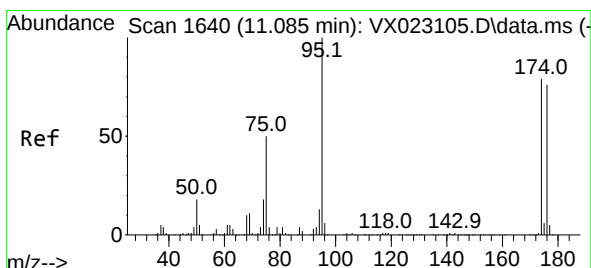
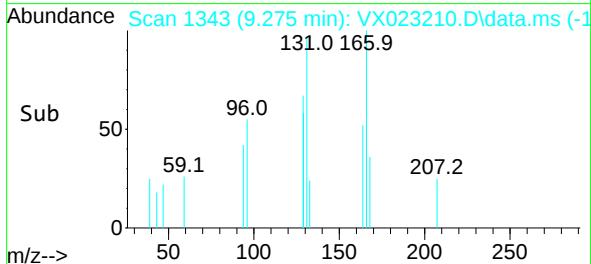
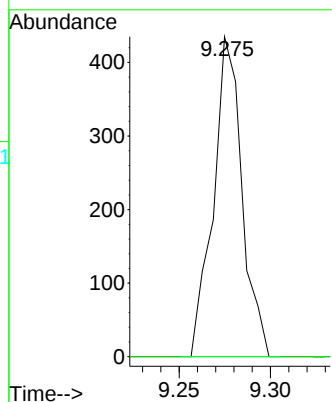
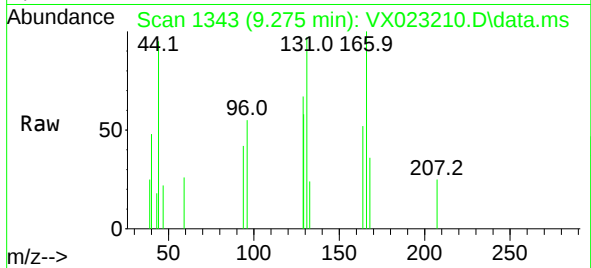




#60
Dibromochloromethane
Concen: 3.275 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

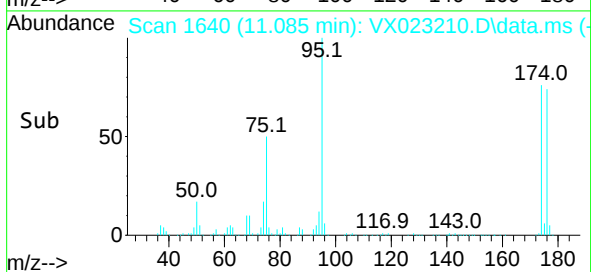
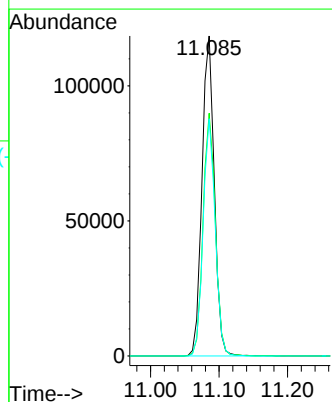
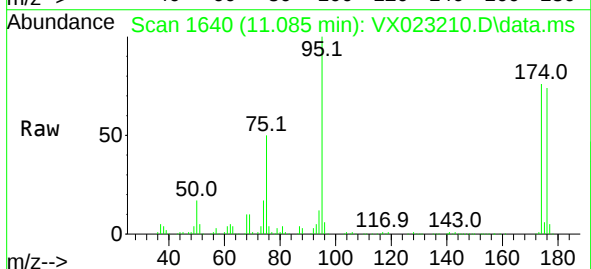
Instrument :
MSVOA_X
ClientSampleId :

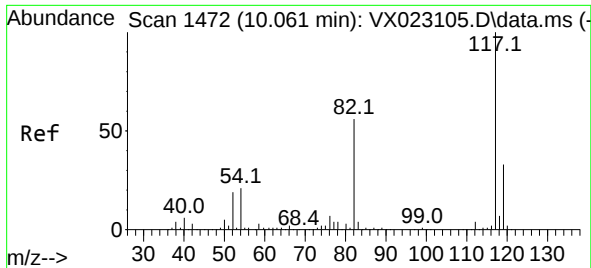
Tgt Ion:129 Resp: 474
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.625 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Tgt Ion: 95 Resp: 148195
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 72.6 0.0 155.8

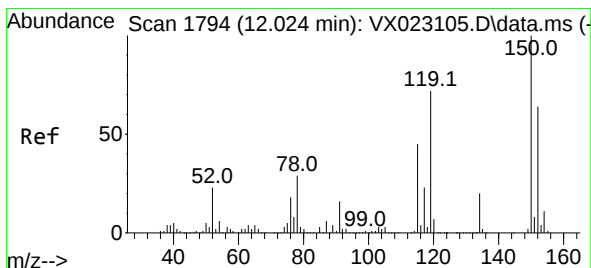
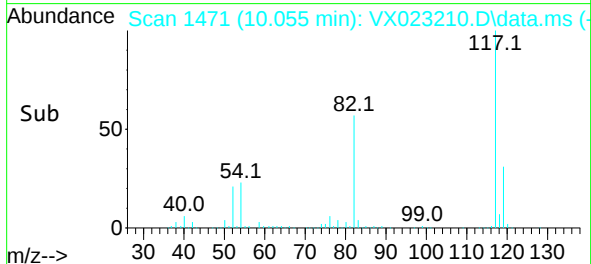
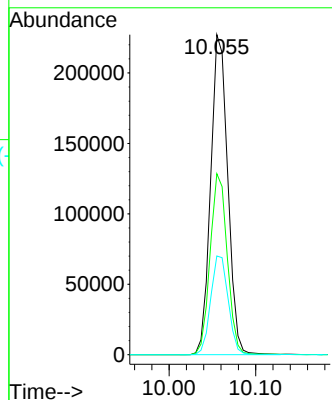
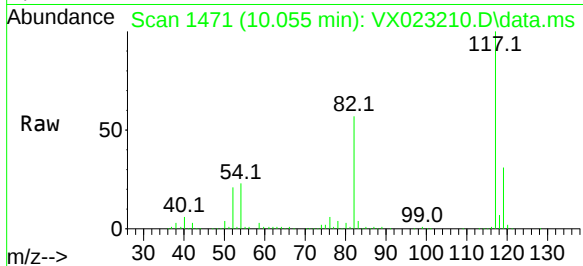




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

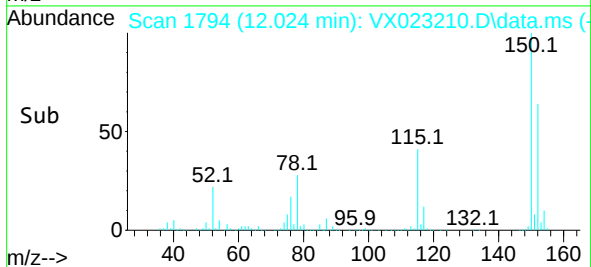
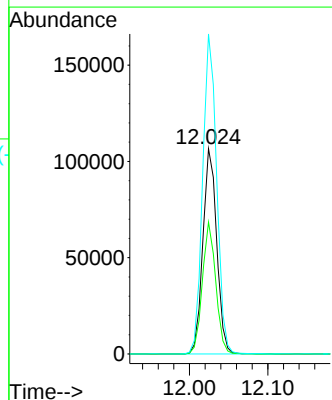
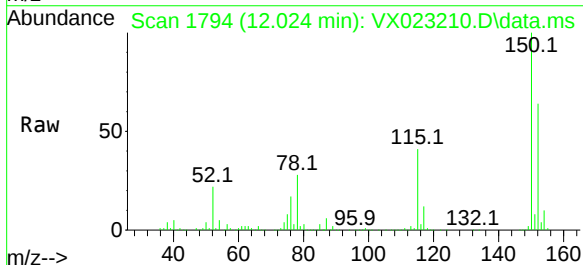
Instrument :
MSVOA_X
ClientSampled :

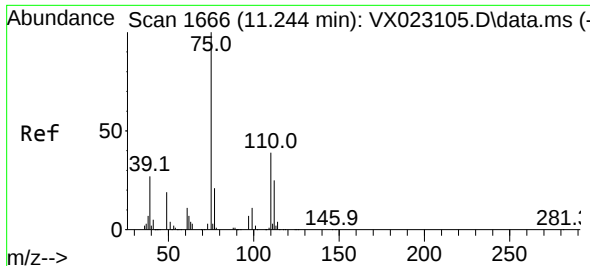
Tgt Ion:117 Resp: 311424
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Tgt Ion:152 Resp: 130796
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 157.0 0.0 349.0

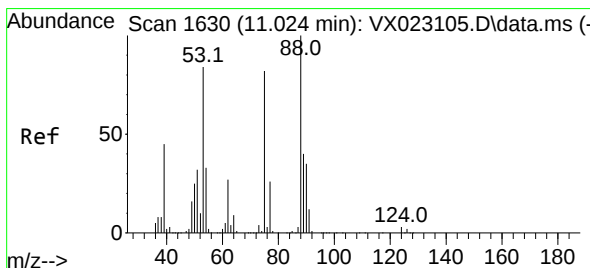
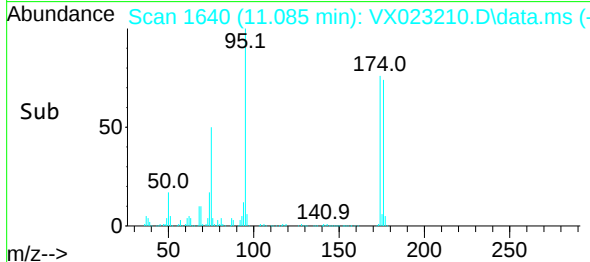
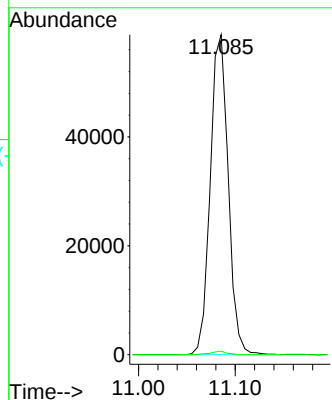
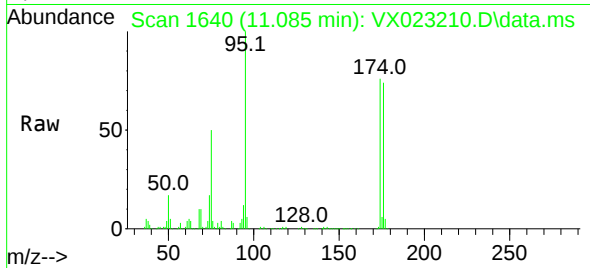




#76
1,2,3-Trichloropropane
Concen: 28.805 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

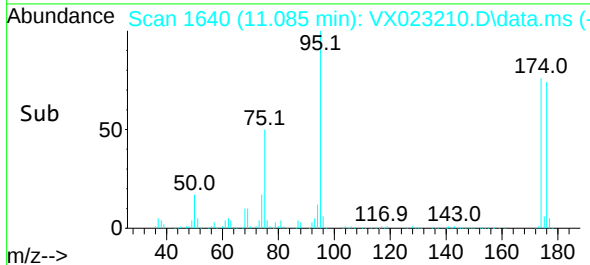
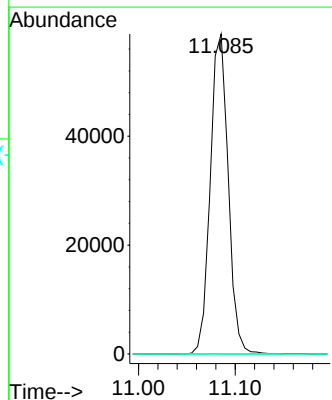
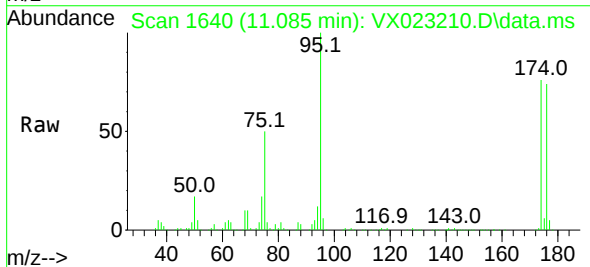
Instrument :
MSVOA_X
ClientSampled :

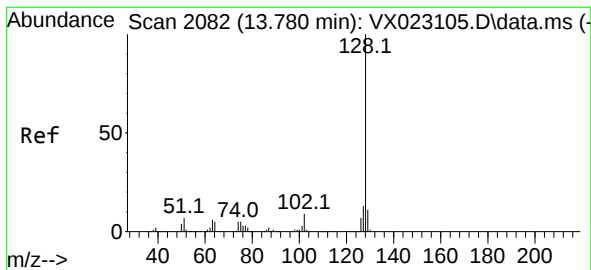
Tgt Ion: 75 Resp: 75816
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.531 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

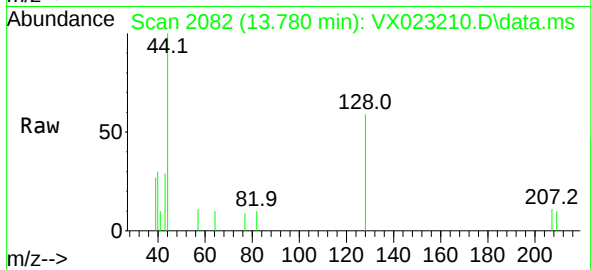
Tgt Ion: 75 Resp: 75816
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.317 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023210.D
Acq: 08 Jul 2021 19:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 417
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

