

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023332.D
 Acq On : 19 Jul 2021 10:24
 Operator : JC/MD
 Sample : VX0719MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719MBL01

Quant Time: Jul 20 05:22:12 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)

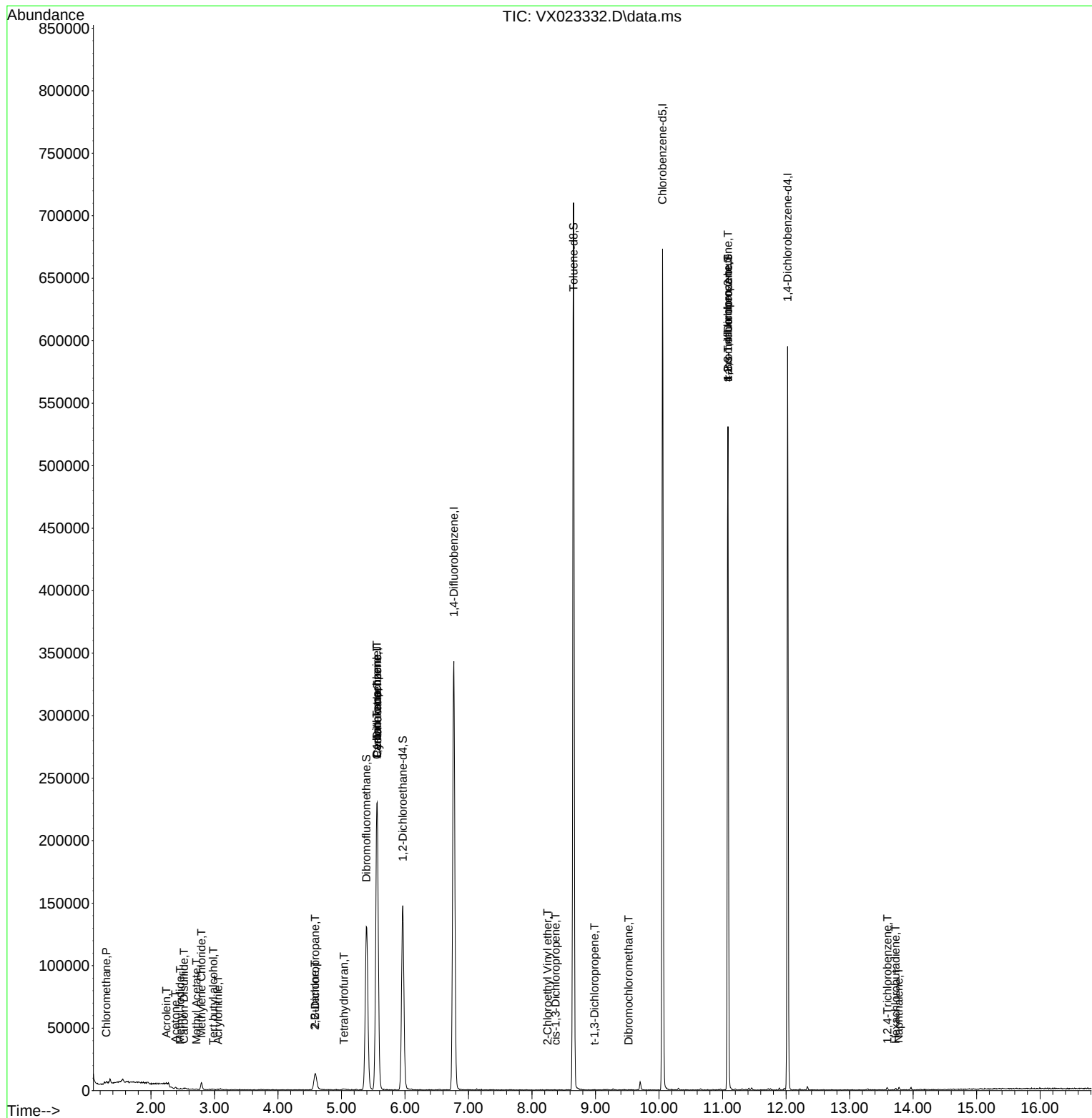
Internal Standards						
1) Pentafluorobenzene	5.562	168	217205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	351308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148623	50.912	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.820%			
35) Dibromofluoromethane	5.391	113	114938	50.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	8.653	98	413346	48.845	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.085	95	140581	43.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.060%			
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	640	0.329	ug/l #	86
5) Bromomethane	1.575	94	82	Below Cal	#	63
10) Methyl Iodide	2.459	142	534	0.207	ug/l #	86
11) Tert butyl alcohol	2.983	59	403	0.656	ug/l #	86
13) Acrolein	2.239	56	501	1.225	ug/l #	54
15) Acrylonitrile	3.056	53	383	0.321	ug/l	95
16) Acetone	2.386	43	1480	1.281	ug/l	95
17) Carbon Disulfide	2.520	76	971	0.238	ug/l #	86
18) Methyl Acetate	2.715	43	713	0.254	ug/l #	60
20) Methylene Chloride	2.794	84	2267	0.912	ug/l #	81
25) 2-Butanone	4.580	43	715	0.411	ug/l #	45
26) 2,2-Dichloropropane	4.586	77	1240	0.369	ug/l #	52
29) Tetrahydrofuran	5.038	42	816	0.729	ug/l #	49
31) Cyclohexane	5.562	56	4361	1.248	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	16817	5.370	ug/l #	52
38) Carbon Tetrachloride	5.556	117	23409	7.161	ug/l #	17
53) t-1,3-Dichloropropene	8.982	75	128	2.767	ug/l #	44
54) cis-1,3-Dichloropropene	8.372	75	56	2.186	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.244	63	49	4.713	ug/l #	45
60) Dibromochloromethane	9.519	129	18	3.119	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	72231	30.472	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	72231	81.742	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	492	0.206	ug/l	90
94) Hexachlorobutadiene	13.725	225	259	0.257	ug/l	86
95) Naphthalene	13.774	128	1441	1.435	ug/l #	95

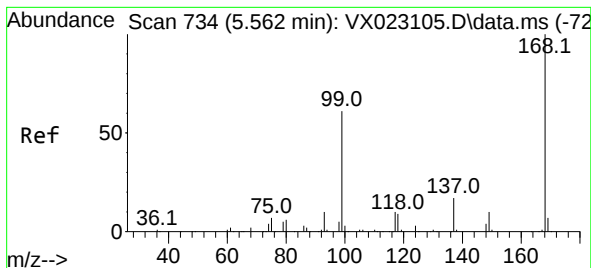
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
Data File : VX023332.D
Acq On : 19 Jul 2021 10:24
Operator : JC/MD
Sample : VX0719MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

Quant Time: Jul 20 05:22:12 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: VX023332.D

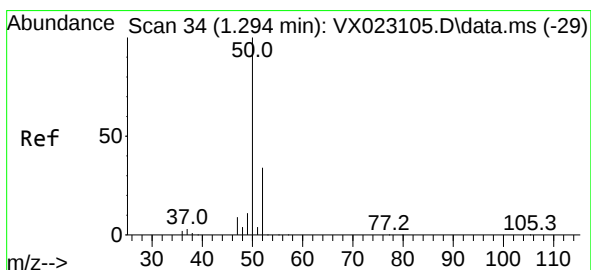
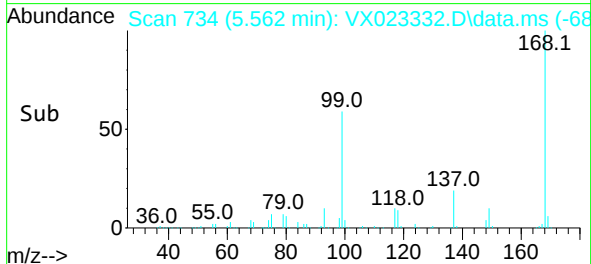
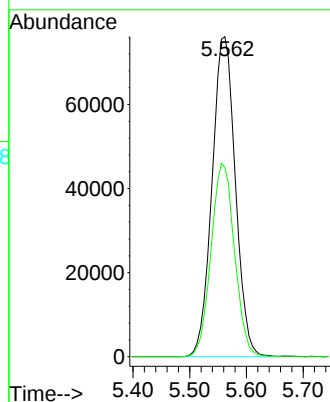
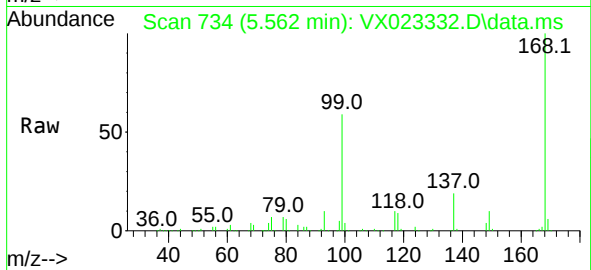
Acq: 19 Jul 2021 10:24

Tgt Ion:168 Resp: 217205

Ion Ratio Lower Upper

168 100

99 59.1 45.8 68.6



#3

Chloromethane

Concen: 0.329 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX023332.D

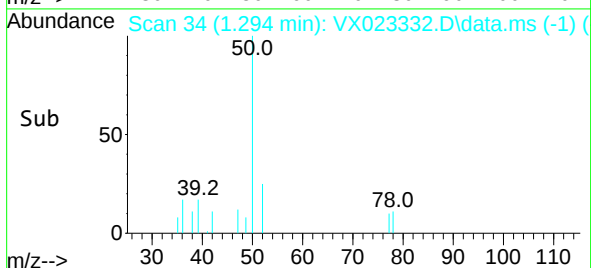
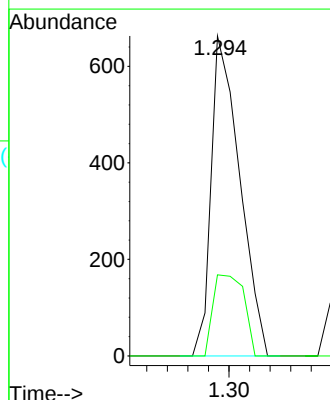
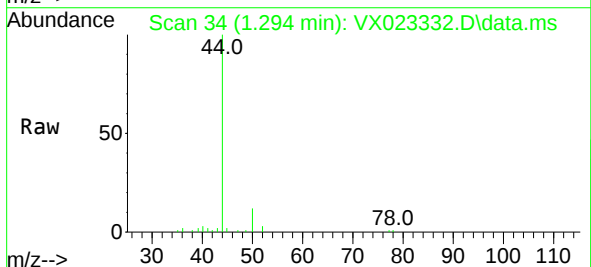
Acq: 19 Jul 2021 10:24

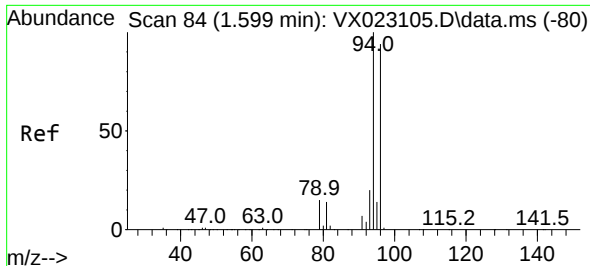
Tgt Ion: 50 Resp: 640

Ion Ratio Lower Upper

50 100

52 25.3 26.4 39.6#

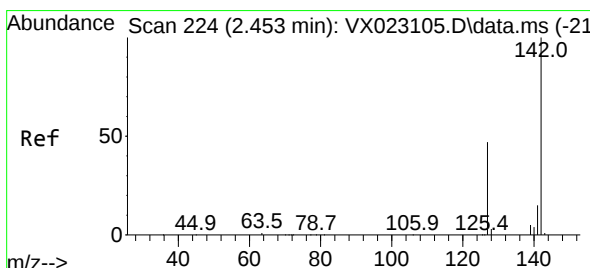
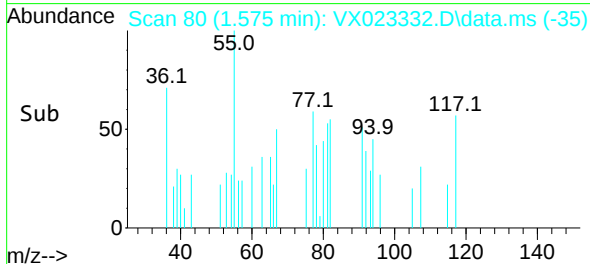
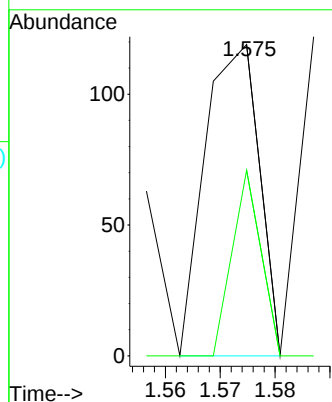
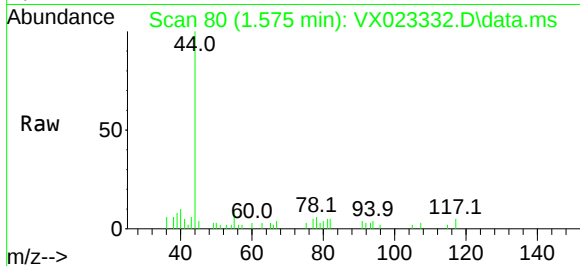




#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

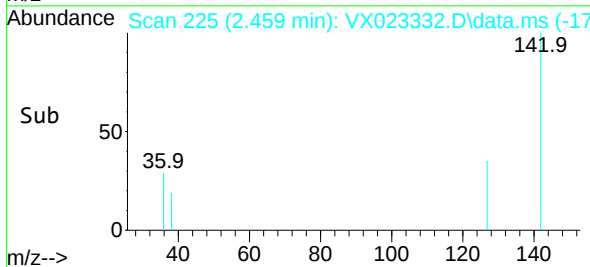
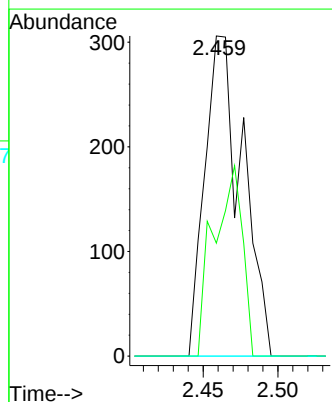
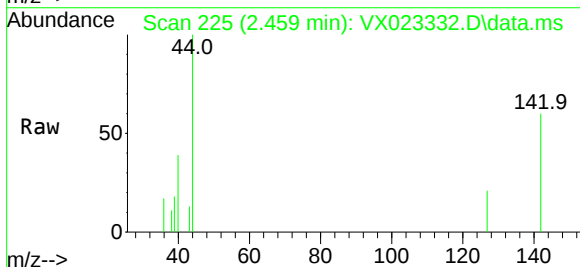
Instrument :
MSVOA_X
ClientSampled :
VX0719MBL01

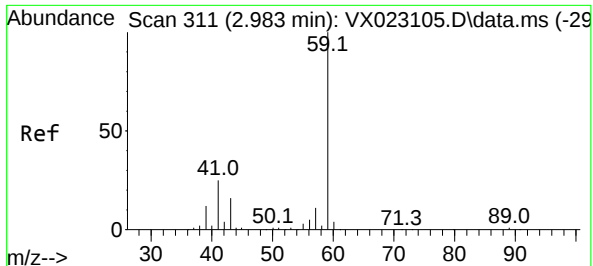
Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 59.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion: 142 Resp: 534
Ion Ratio Lower Upper
142 100
127 45.7 33.3 49.9
141 0.0 11.4 17.0#

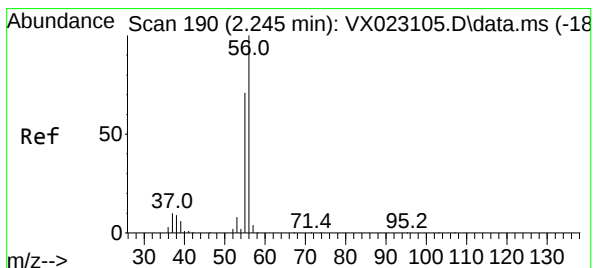
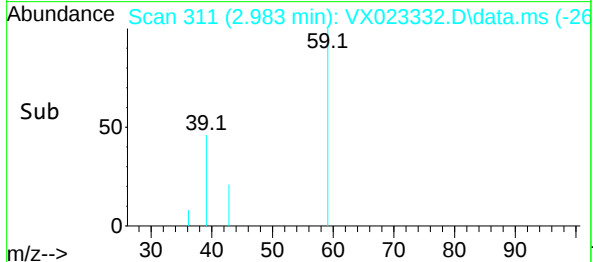
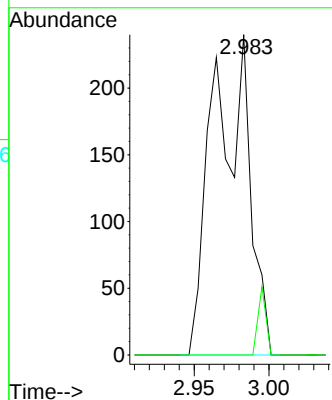
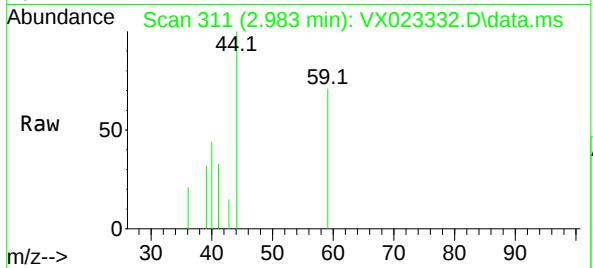




#11
Tert butyl alcohol
Concen: 0.656 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

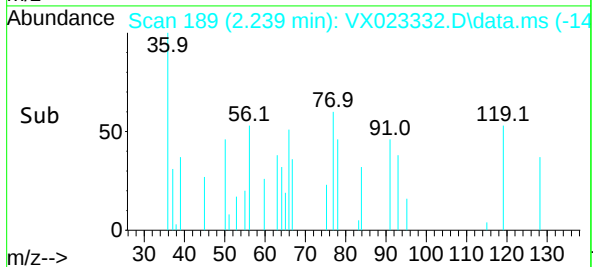
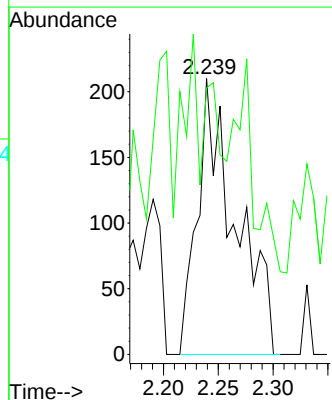
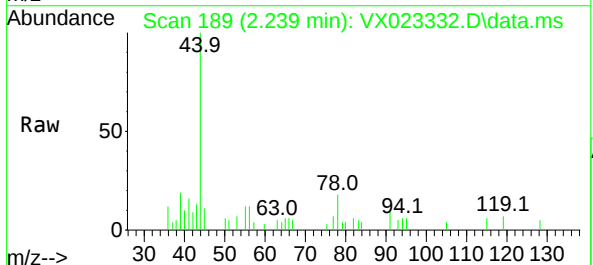
Instrument :
MSVOA_X
ClientSampled :
VX0719MBL01

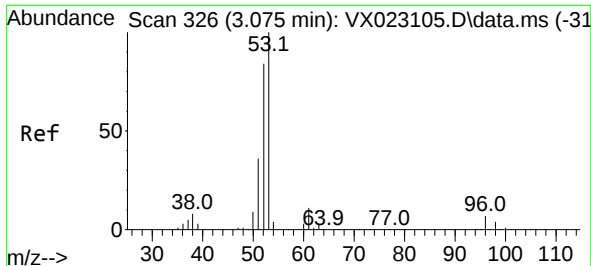
Tgt Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#



#13
Acrolein
Concen: 1.225 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion: 56 Resp: 501
Ion Ratio Lower Upper
56 100
55 32.5 56.4 84.6#

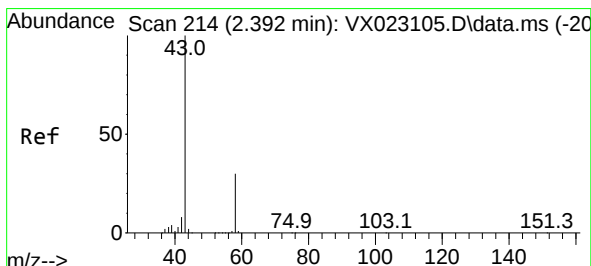
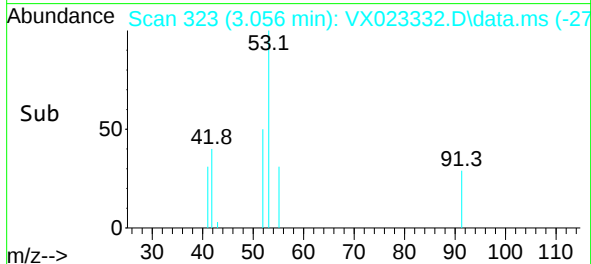
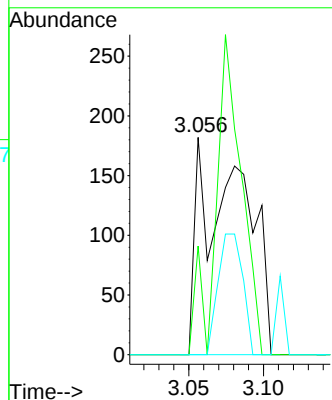
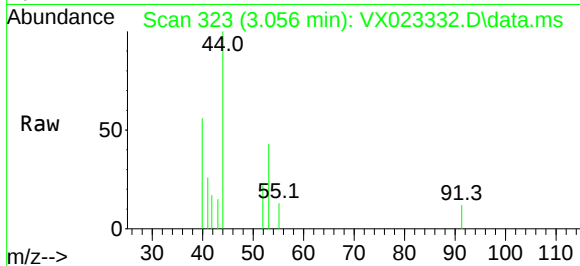




#15
Acrylonitrile
Concen: 0.321 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.019 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

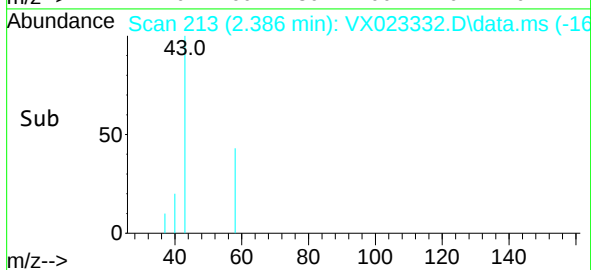
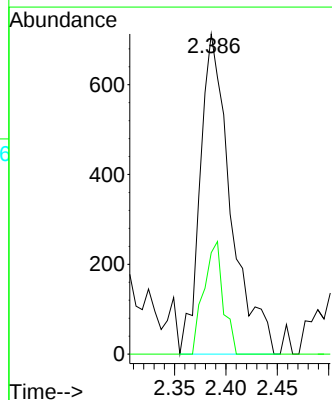
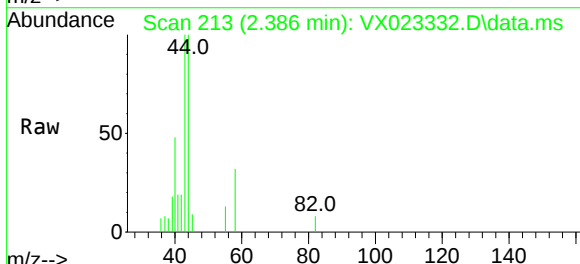
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

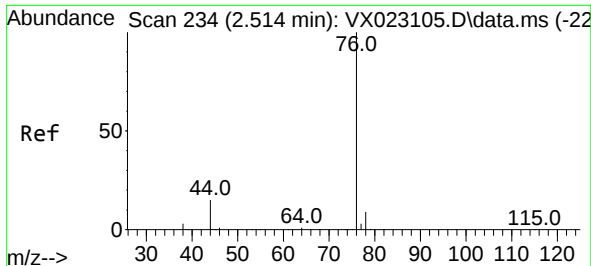
Tgt Ion:	53	Resp:	383
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.3	97.9
51	30.3	28.2	42.2



#16
Acetone
Concen: 1.281 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion:	43	Resp:	1480
Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.8	41.8

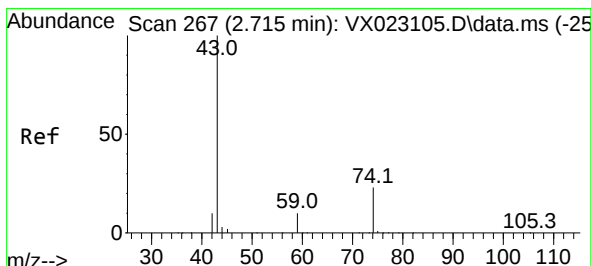
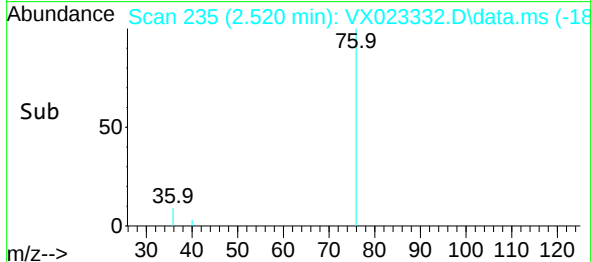
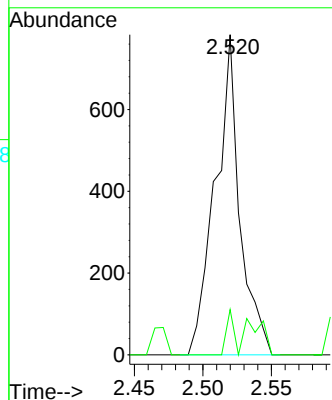
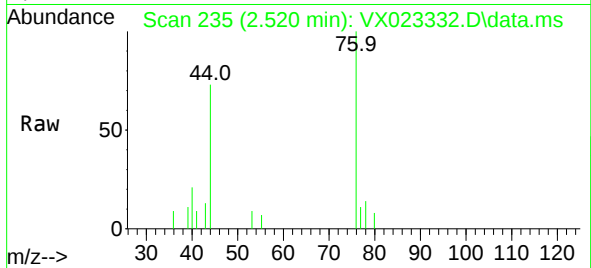




#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

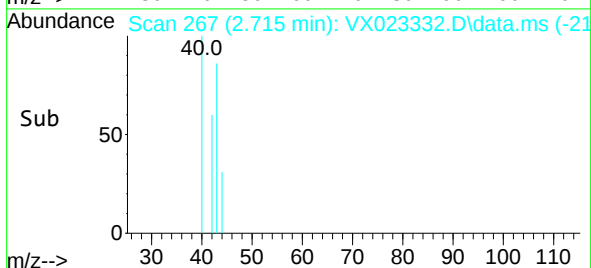
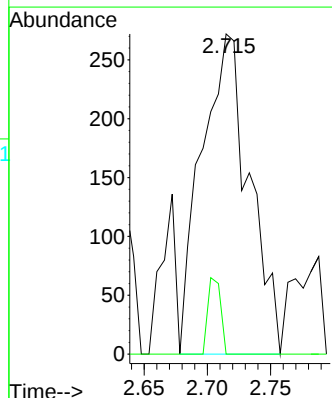
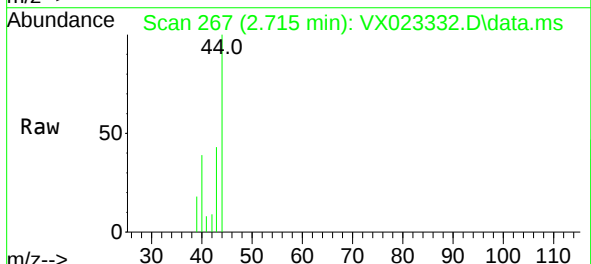
Instrument :
MSVOA_X
ClientSampled :
VX0719MBL01

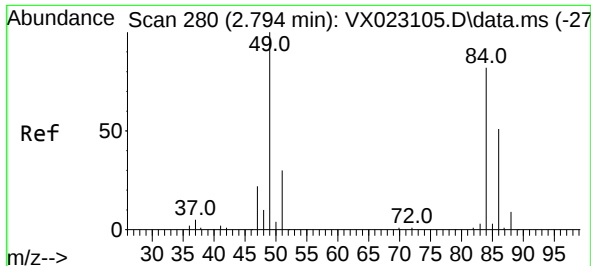
Tgt Ion: 76 Resp: 971
Ion Ratio Lower Upper
76 100
78 14.2 7.2 10.8#



#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

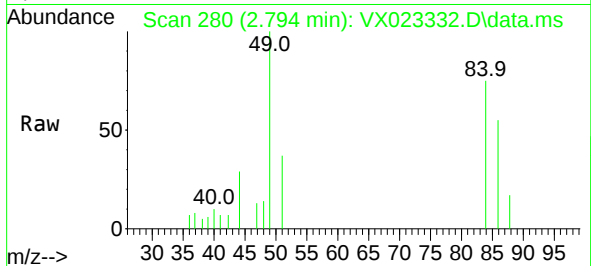
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
74 6.5 21.9 32.9#



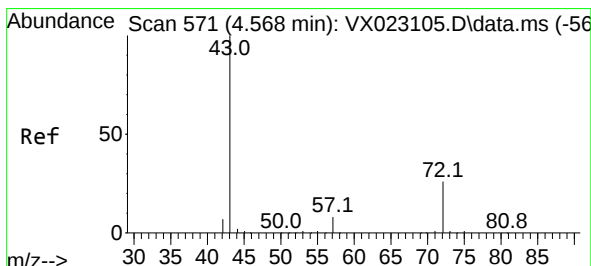
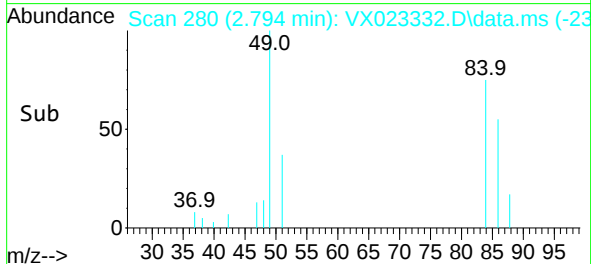
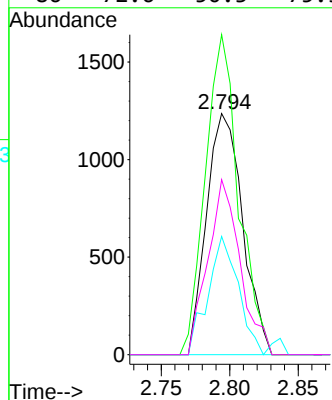


#20
Methylene Chloride
Concen: 0.912 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

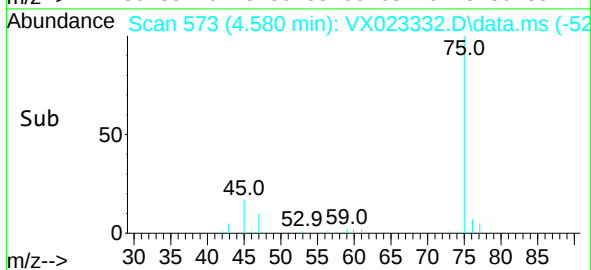
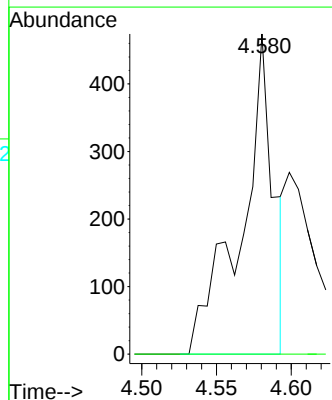
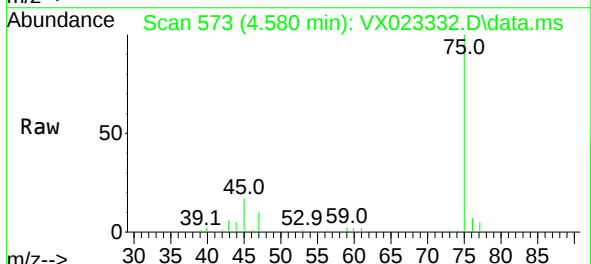


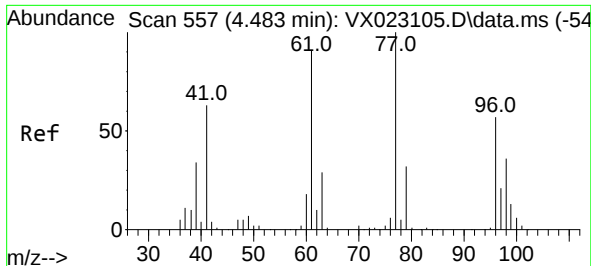
Tgt Ion:	84	Resp:	2267
Ion	Ratio	Lower	Upper
84	100		
49	132.7	88.6	132.8
51	49.0	27.0	40.6#
86	72.6	50.3	75.5



#25
2-Butanone
Concen: 0.411 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion:	43	Resp:	715
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#26

2,2-Dichloropropane

Concen: 0.369 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.103 min

Lab File: VX023332.D

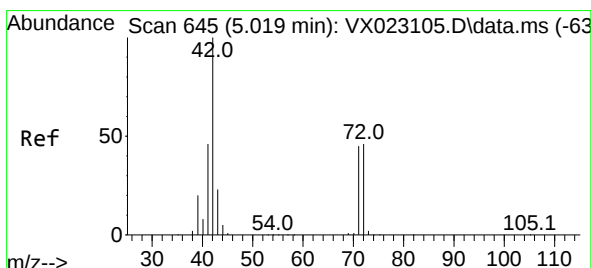
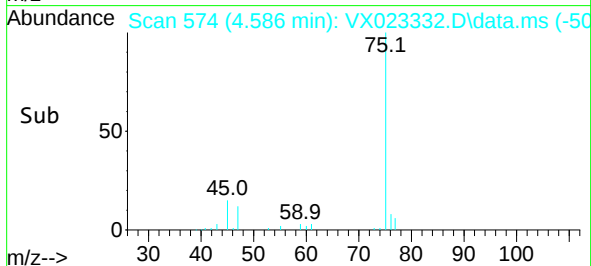
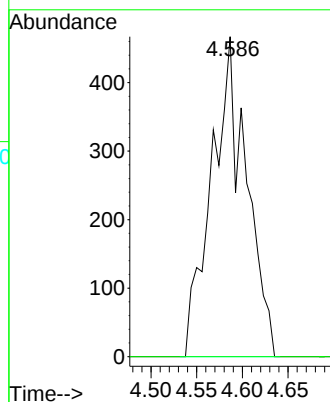
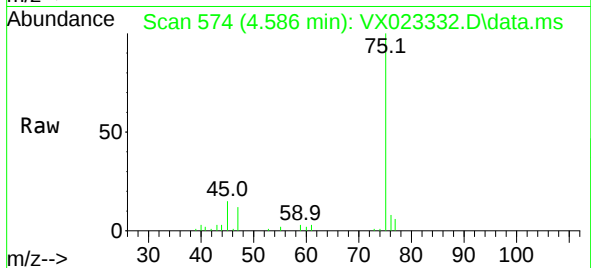
Acq: 19 Jul 2021 10:24

Tgt Ion: 77 Resp: 1240

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#29

Tetrahydrofuran

Concen: 0.729 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX023332.D

Acq: 19 Jul 2021 10:24

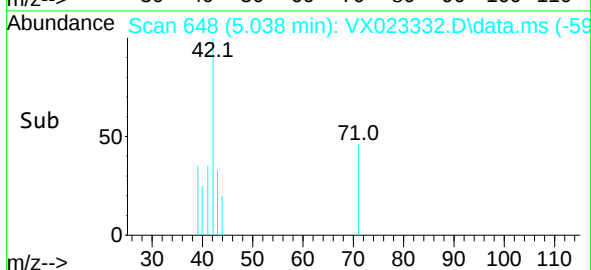
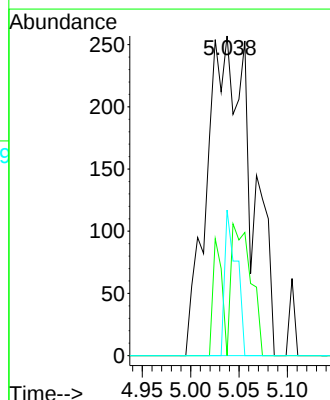
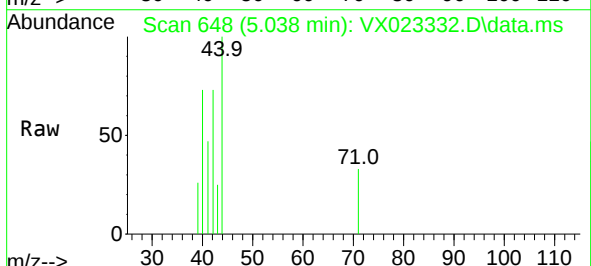
Tgt Ion: 42 Resp: 816

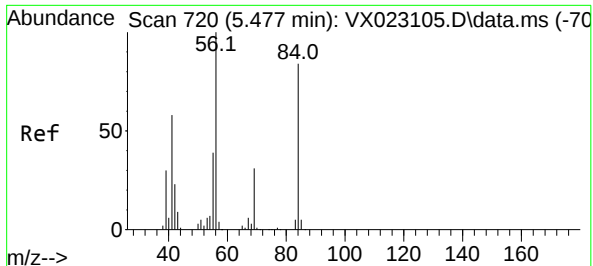
Ion Ratio Lower Upper

42 100

72 18.4 41.7 62.5#

71 12.0 38.4 57.6#

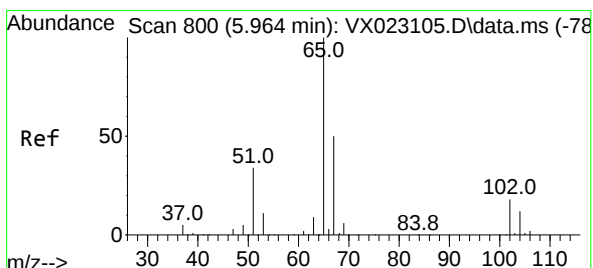
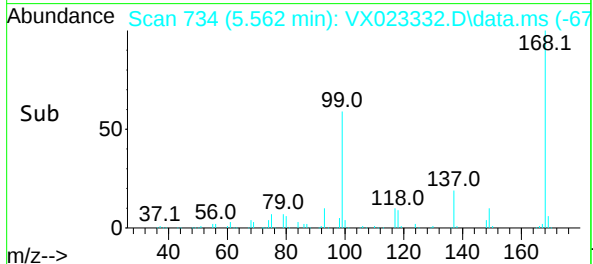
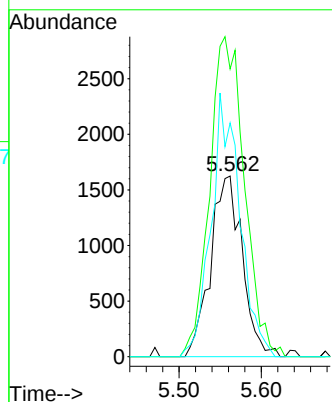
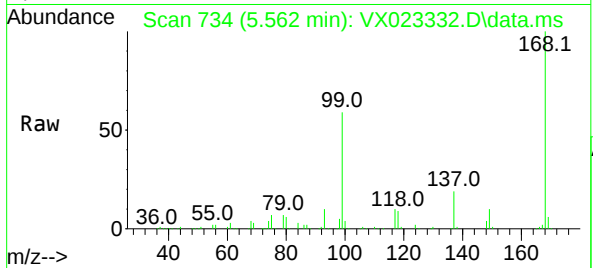




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

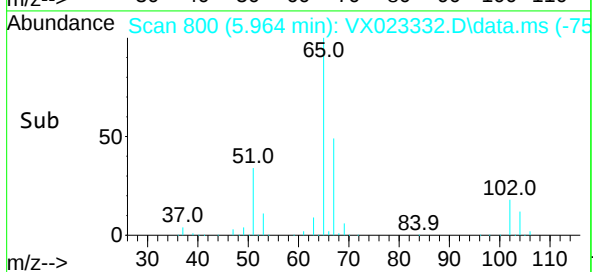
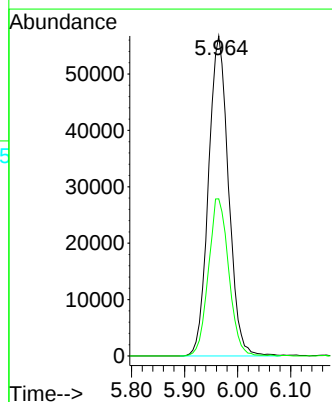
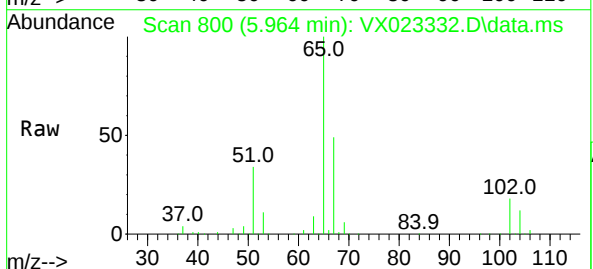
Instrument :
MSVOA_X
ClientSampled :
VX0719MBL01

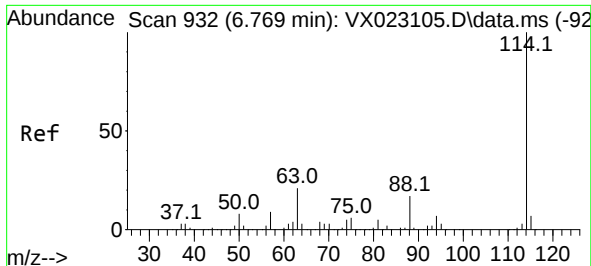
Tgt Ion: 56 Resp: 4361
Ion Ratio Lower Upper
56 100
69 159.3 25.3 37.9#
84 129.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.912 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion: 65 Resp: 148623
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

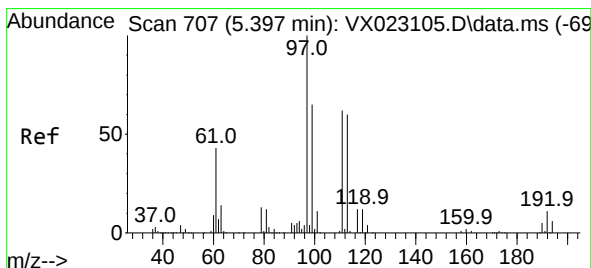
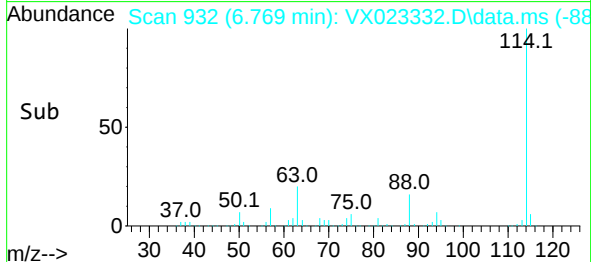
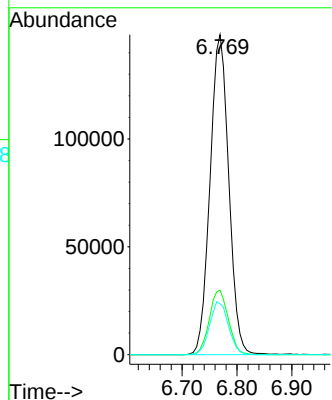
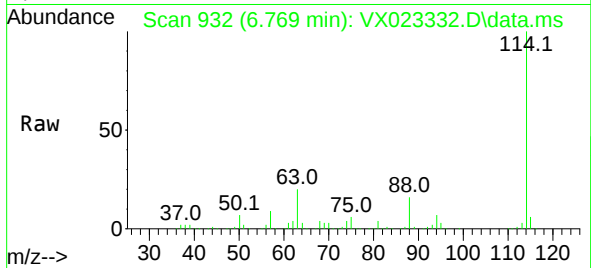




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

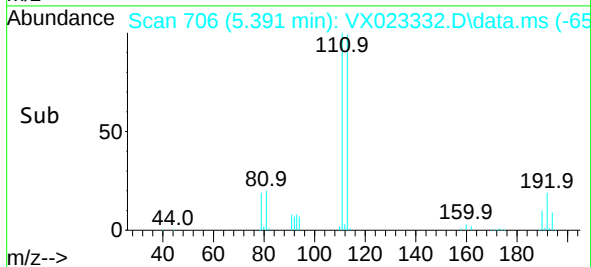
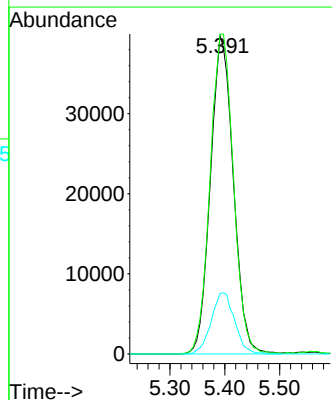
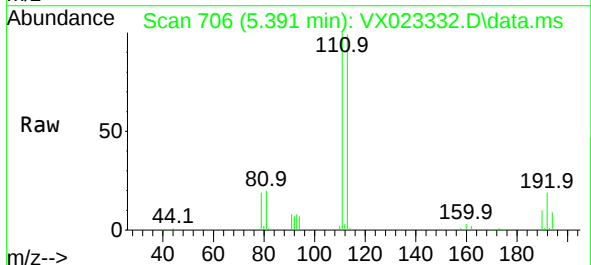
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

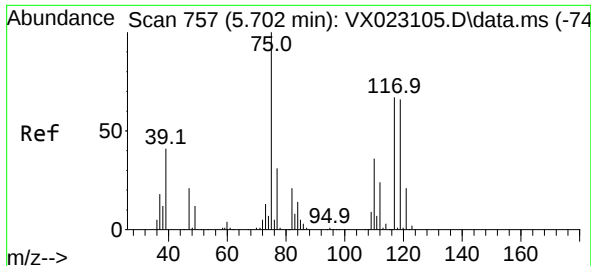
Tgt Ion:114 Resp: 351308
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.665 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion:113 Resp: 114938
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.7 16.7 25.1

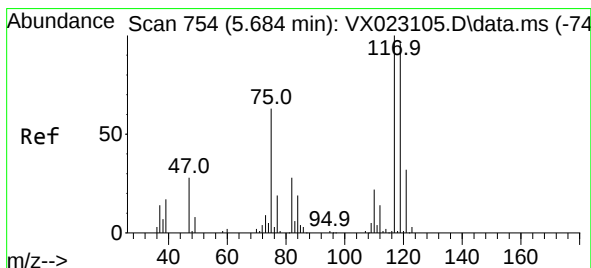
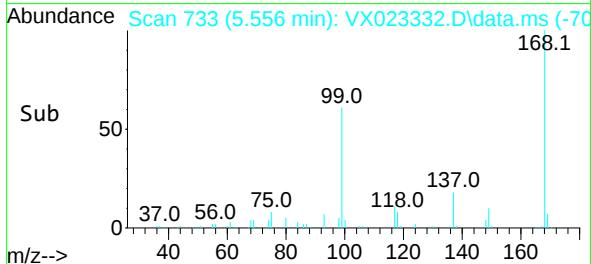
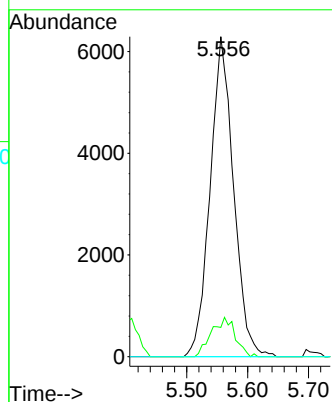
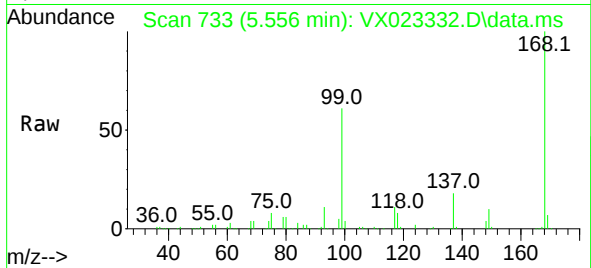




#36
1,1-Dichloropropene
Concen: 5.370 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

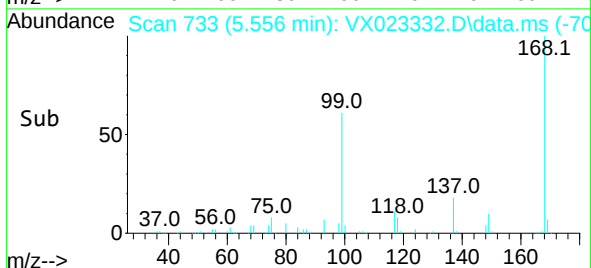
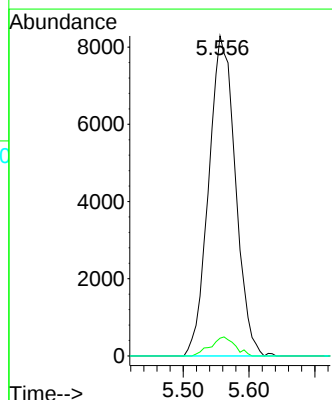
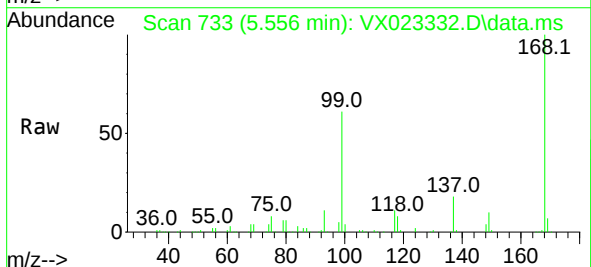
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

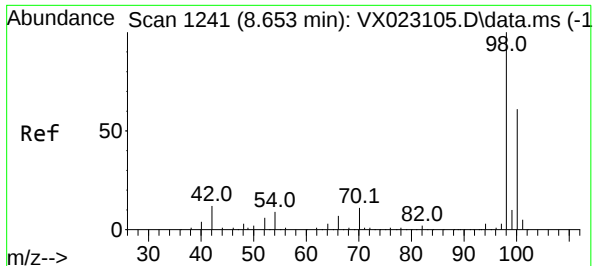
Tgt Ion: 75 Resp: 16817
Ion Ratio Lower Upper
75 100
110 12.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.161 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion: 117 Resp: 23409
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

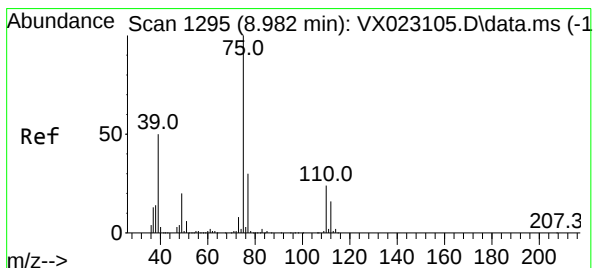
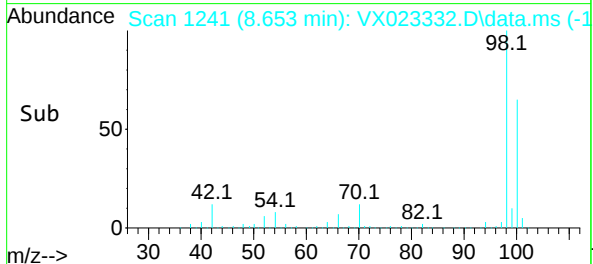
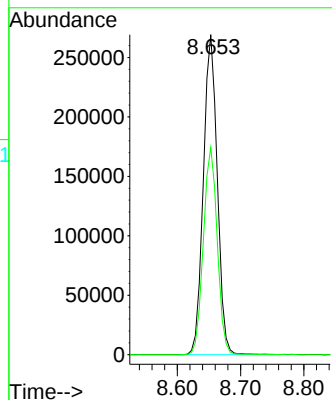
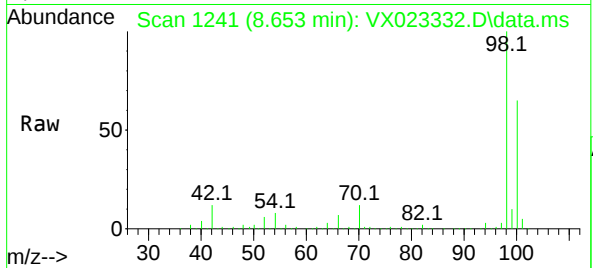




#50
Toluene-d8
Concen: 48.845 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

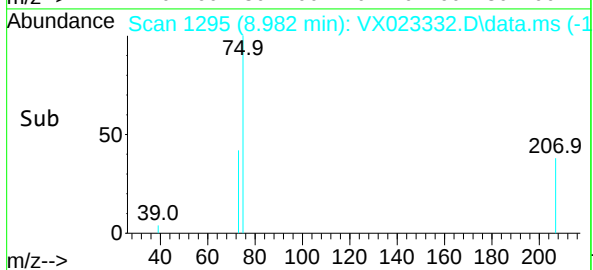
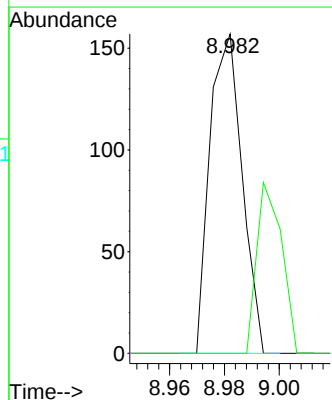
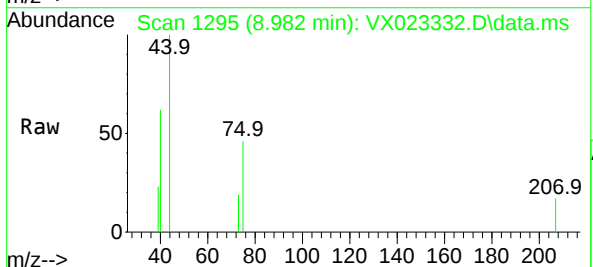
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

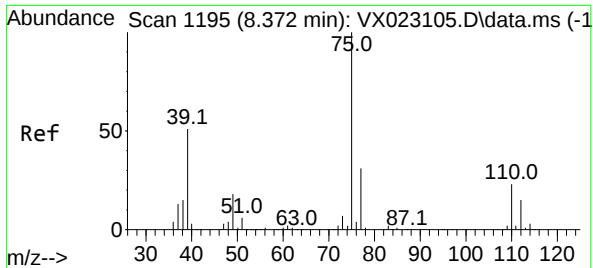
Tgt Ion: 98 Resp: 413346
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.767 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion: 75 Resp: 128
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

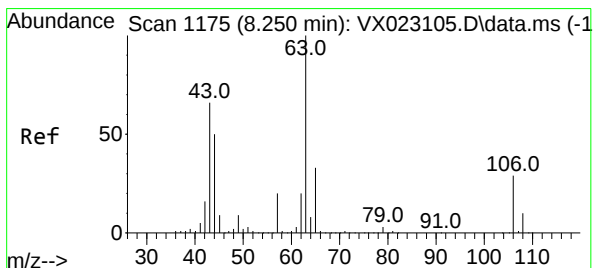
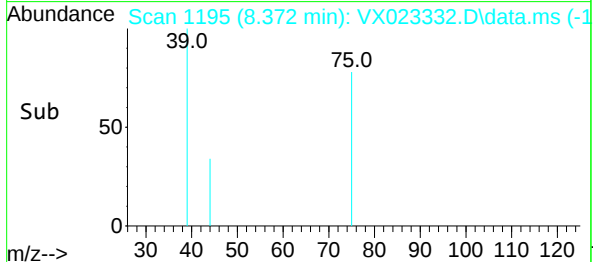
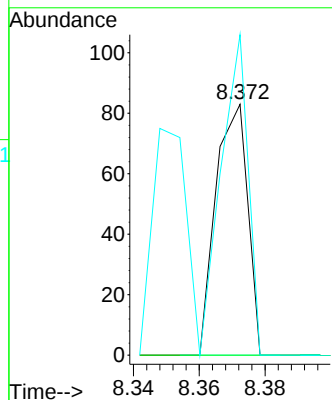
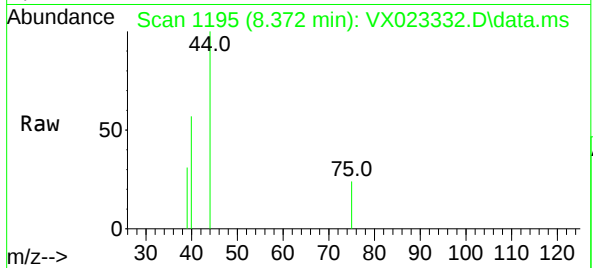




#54
 cis-1,3-Dichloropropene
 Concen: 2.186 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX023332.D
 Acq: 19 Jul 2021 10:24

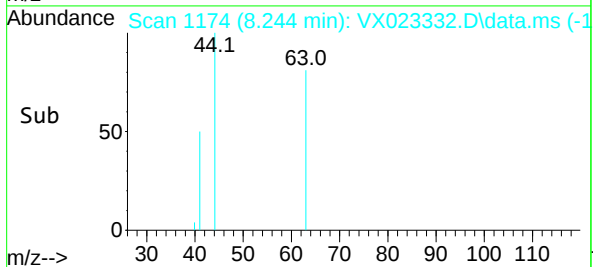
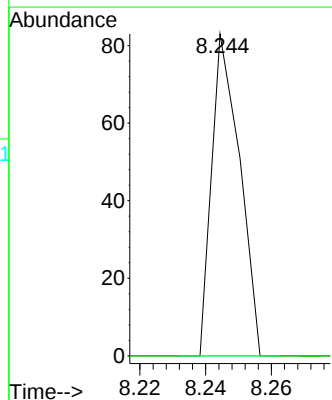
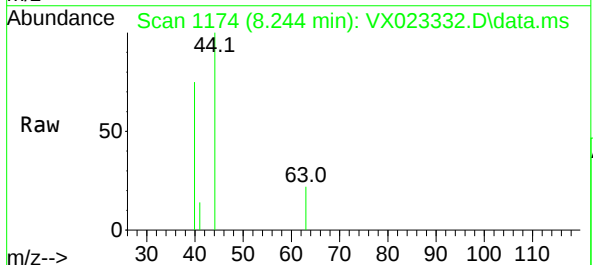
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719MBL01

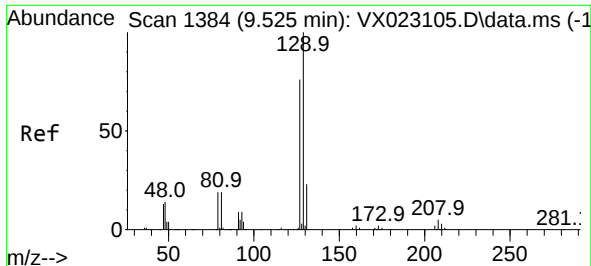
Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 127.7 35.1 52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.713 ug/l
 RT: 8.244 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: VX023332.D
 Acq: 19 Jul 2021 10:24

Tgt Ion: 63 Resp: 49
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.5 35.3#

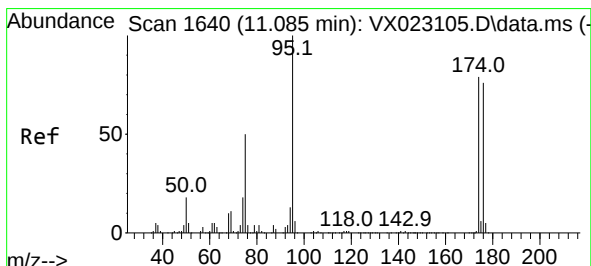
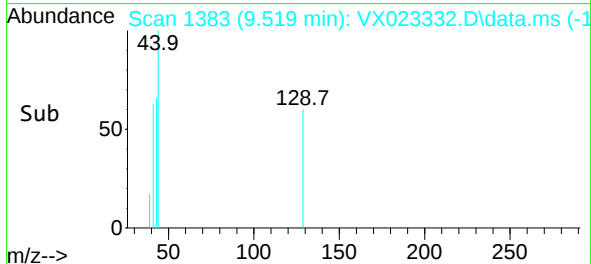
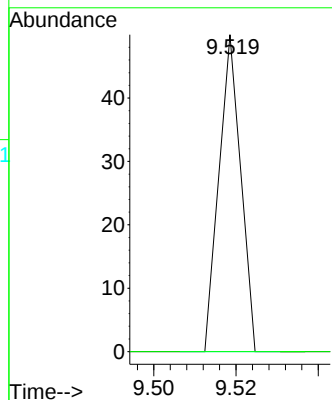
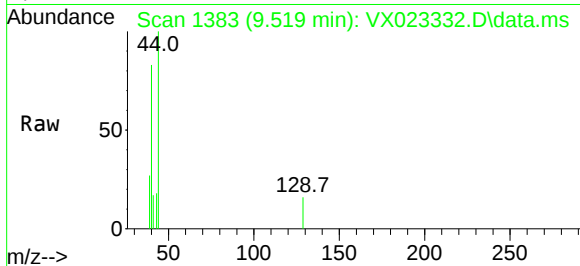




#60
Dibromochloromethane
Concen: 3.119 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

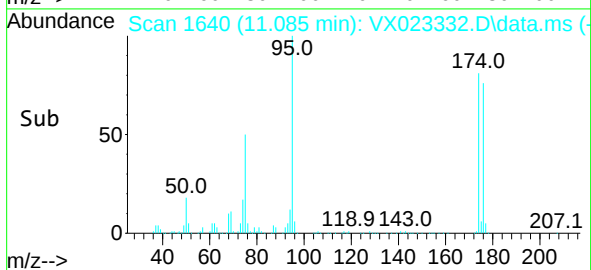
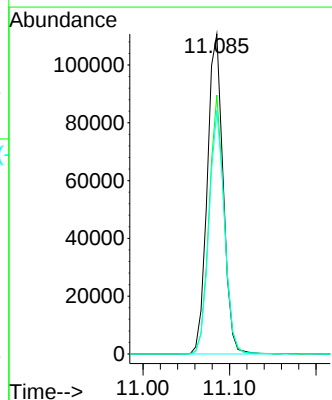
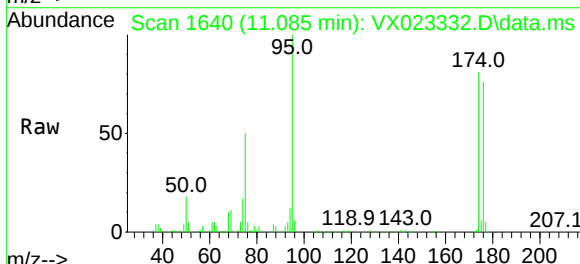
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

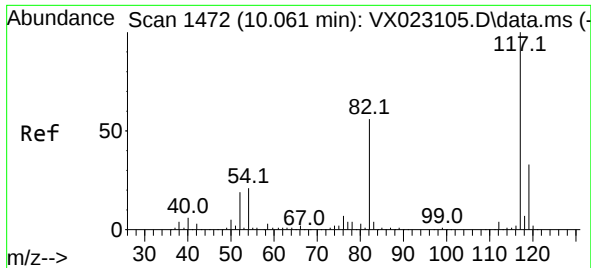
Tgt Ion:129 Resp: 18
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.031 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion: 95 Resp: 140581
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 74.0 0.0 155.8

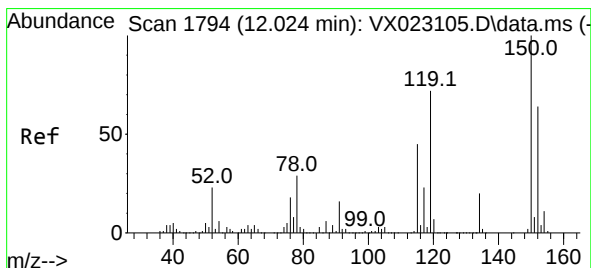
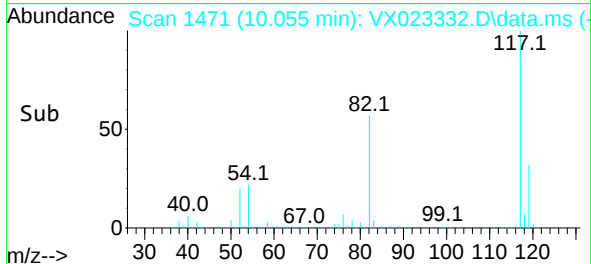
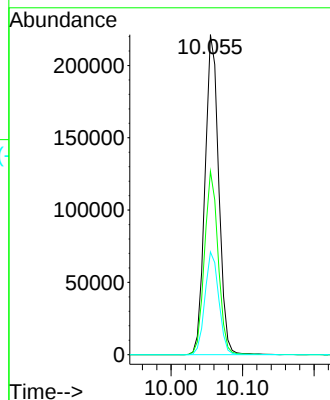
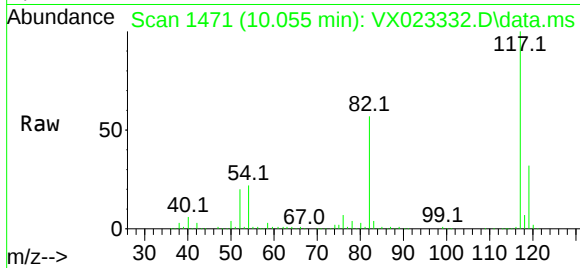




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

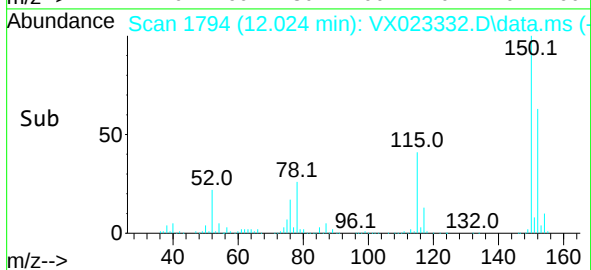
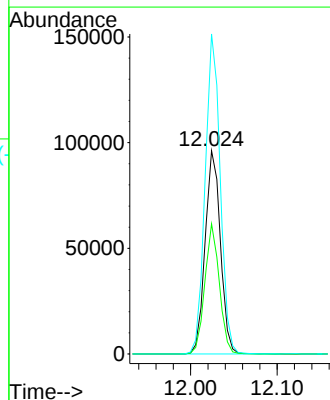
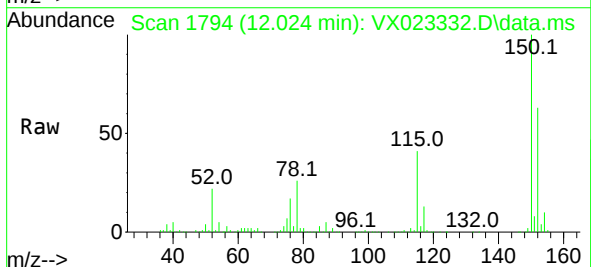
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

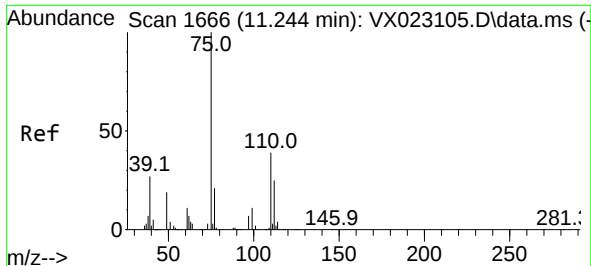
Tgt Ion:117 Resp: 295762
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion:152 Resp: 117794
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 155.6 0.0 349.0

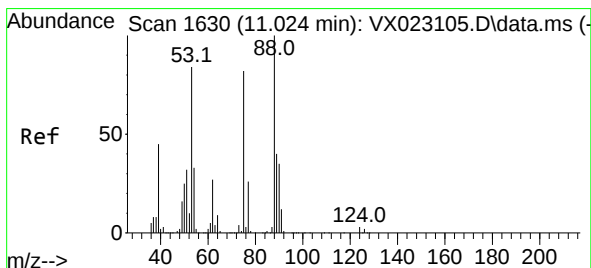
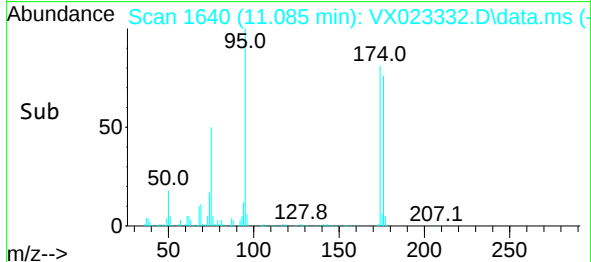
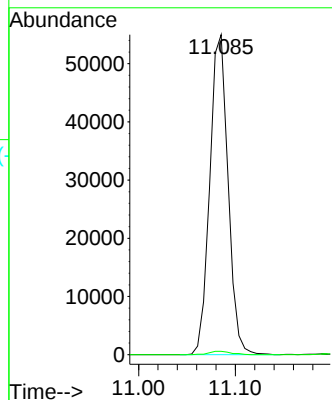
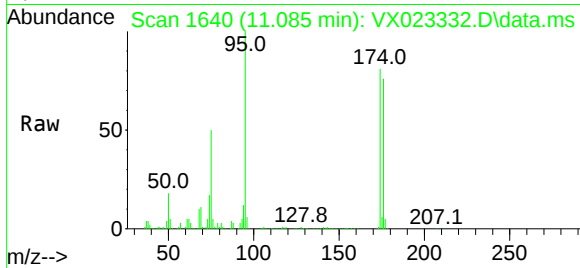




#76
1,2,3-Trichloropropane
Concen: 30.472 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

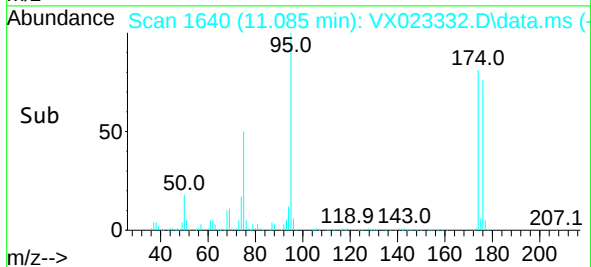
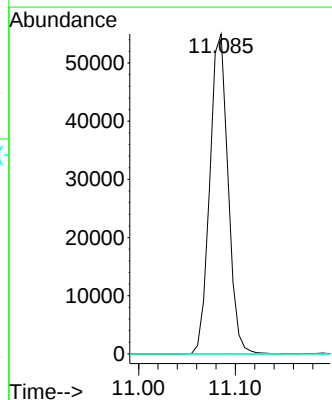
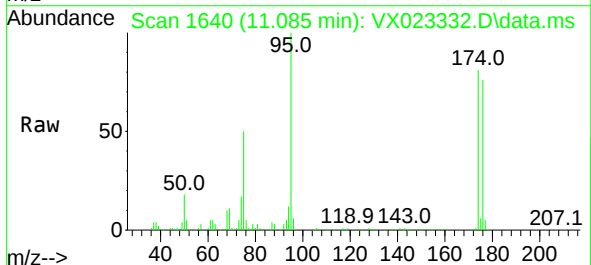
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

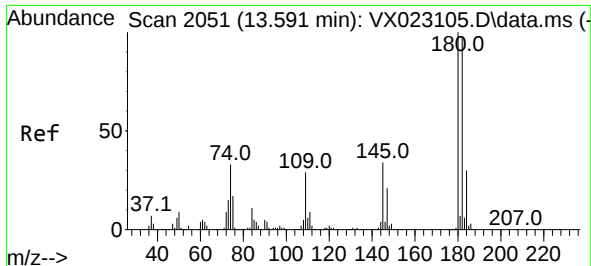
Tgt Ion: 75 Resp: 72231
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.742 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Tgt Ion: 75 Resp: 72231
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

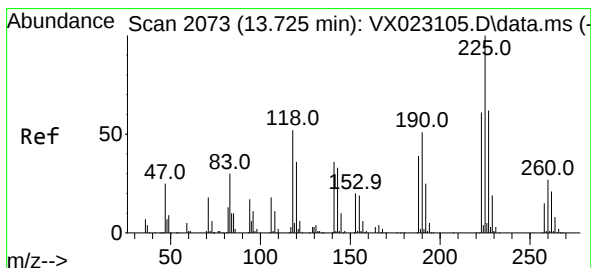
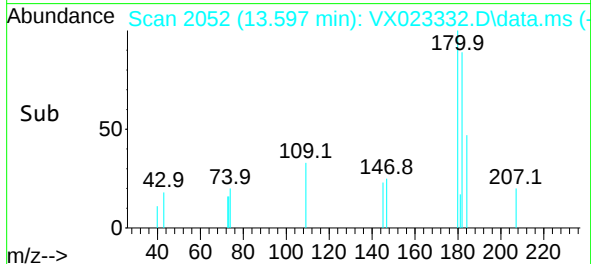
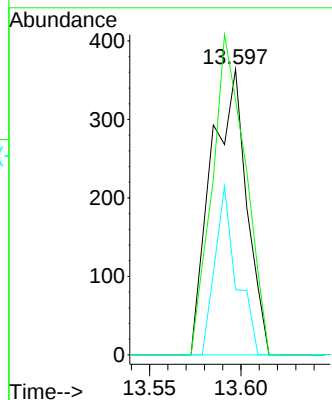
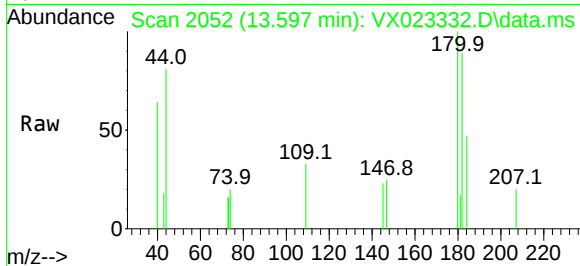




#93
1,2,4-Trichlorobenzene
Concen: 0.206 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

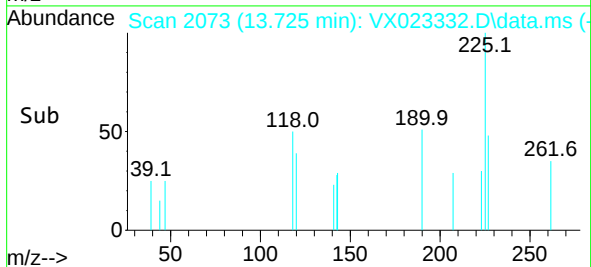
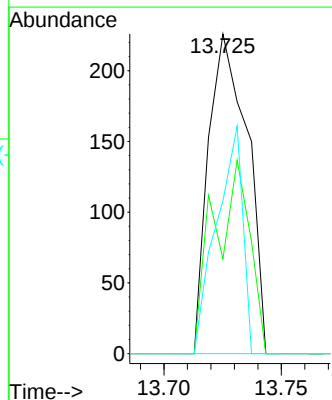
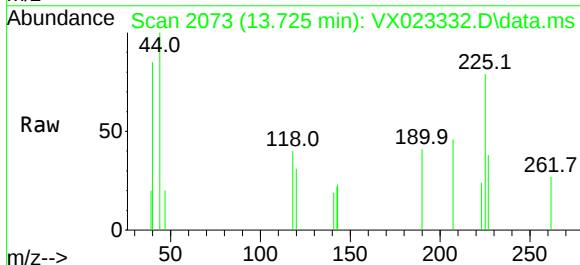
Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01

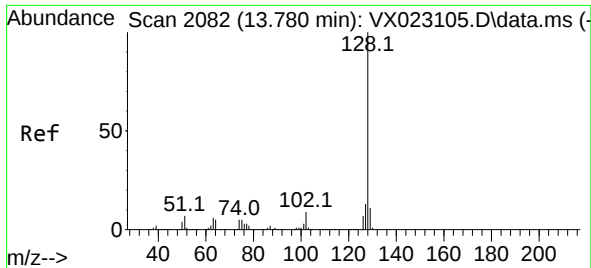
Tgt Ion:180 Resp: 492
Ion Ratio Lower Upper
180 100
182 105.1 47.7 143.1
145 36.0 15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.257 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

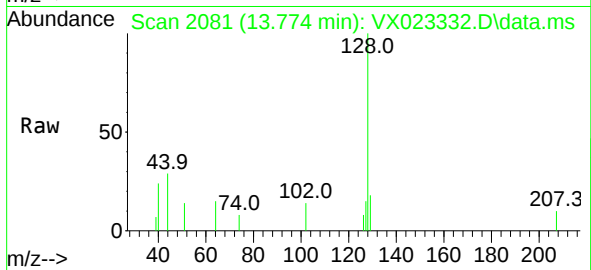
Tgt Ion:225 Resp: 259
Ion Ratio Lower Upper
225 100
223 56.0 31.1 93.2
227 48.3 31.6 95.0





#95
Naphthalene
Concen: 1.435 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023332.D
Acq: 19 Jul 2021 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX0719MBL01



Tgt Ion:	128	Resp:	1441
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	14.4	8.8	13.2#

