

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023137.D
 Acq On : 06 Jul 2021 11:19
 Operator : JC/MD
 Sample : VX0706WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:49:05 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)

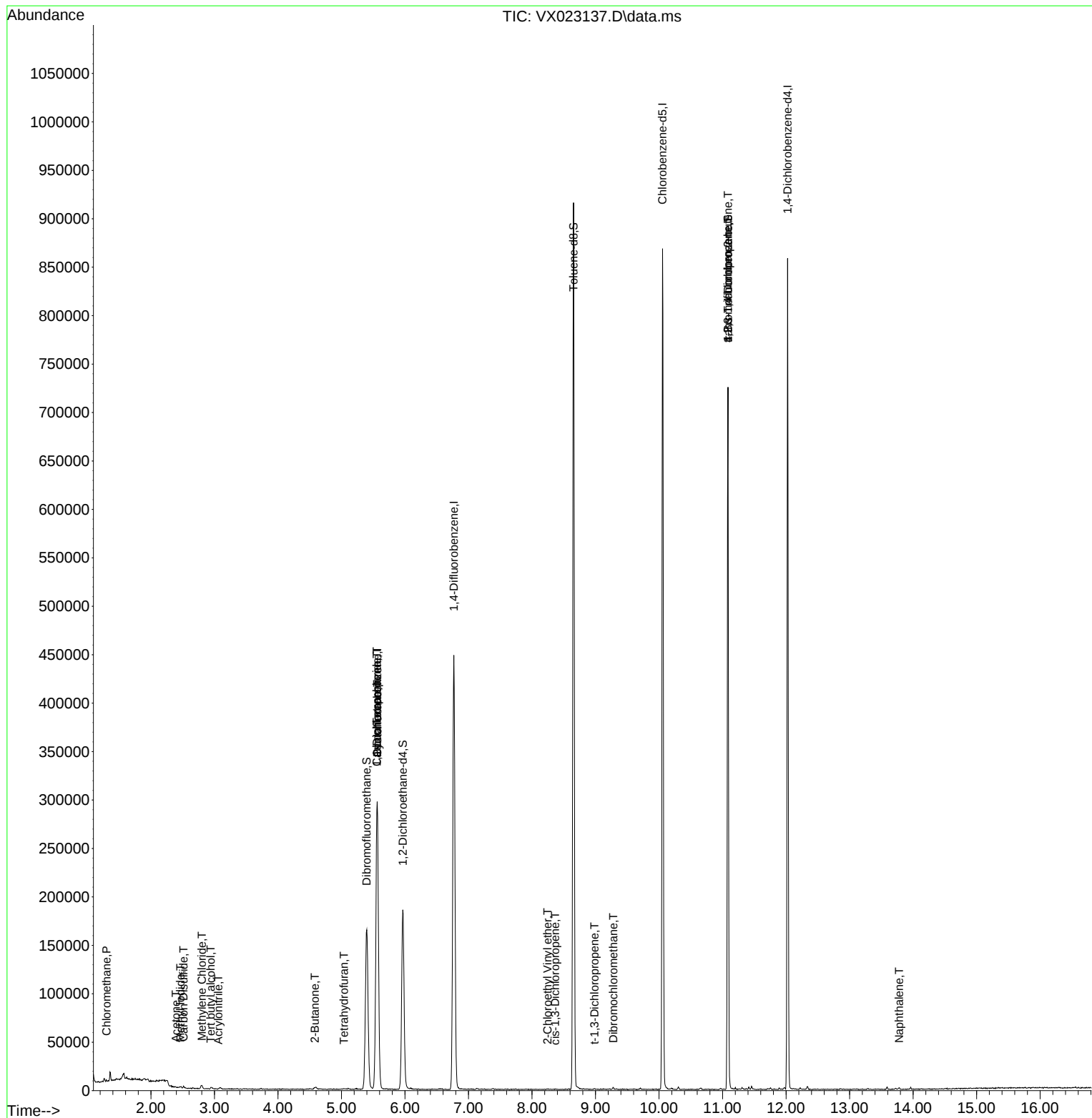
Internal Standards						
1) Pentafluorobenzene	5.562	168	280240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	454902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	186577	49.537	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.080%
35) Dibromofluoromethane	5.397	113	145986	49.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	8.653	98	535857	48.902	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.085	95	191832	45.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	965	0.384	ug/l	94
5) Bromomethane	1.617	94	1131	Below Cal		91
10) Methyl Iodide	2.465	142	1346	0.405	ug/l #	48
11) Tert butyl alcohol	2.940	59	821	1.036	ug/l #	81
15) Acrylonitrile	3.062	53	326	0.212	ug/l #	18
16) Acetone	2.392	43	971	0.652	ug/l #	37
17) Carbon Disulfide	2.514	76	1905	0.362	ug/l #	91
20) Methylene Chloride	2.800	84	1612	0.502	ug/l #	82
25) 2-Butanone	4.580	43	645	0.287	ug/l #	45
29) Tetrahydrofuran	5.038	42	922	0.638	ug/l #	27
31) Cyclohexane	5.562	56	6001	1.331	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	21724	5.357	ug/l #	49
38) Carbon Tetrachloride	5.556	117	29255	6.911	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	284	2.789	ug/l #	50
54) cis-1,3-Dichloropropene	8.366	75	179	2.205	ug/l #	48
58) 2-Chloroethyl Vinyl ether	8.244	63	196	4.761	ug/l #	45
60) Dibromochloromethane	9.281	129	328	3.199	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	97572	29.062	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	97572	78.180	ug/l #	12
95) Naphthalene	13.780	128	1404	1.385	ug/l #	92

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

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Quant Time: Jul 07 02:49:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
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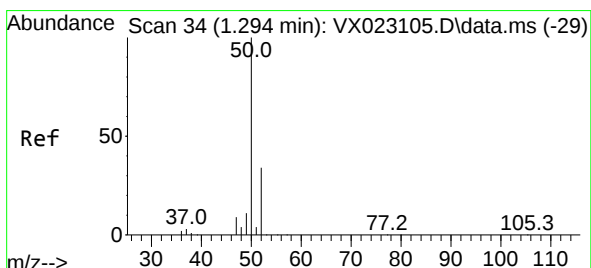
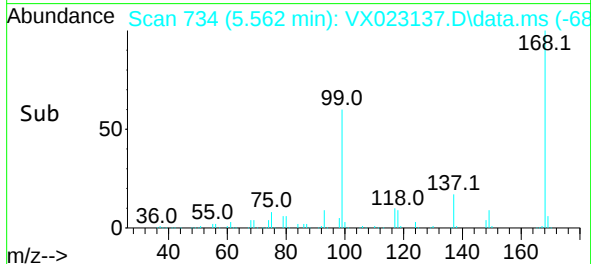
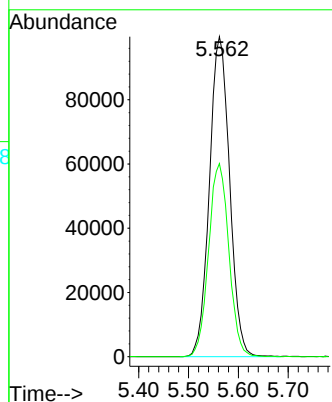
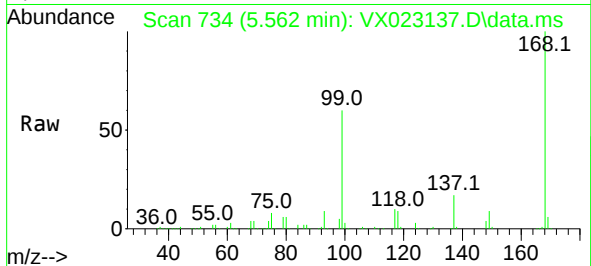




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

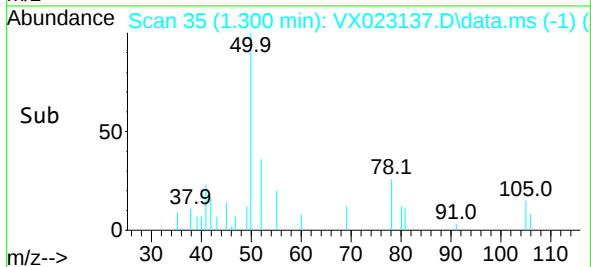
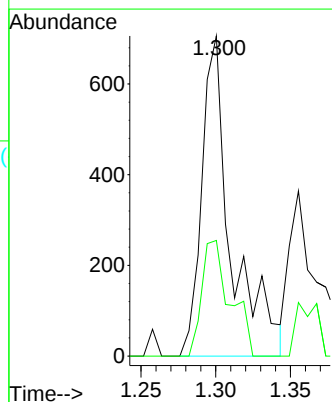
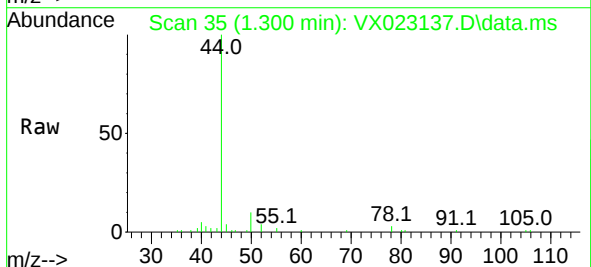
Instrument :
MSVOA_X
ClientSampleId :

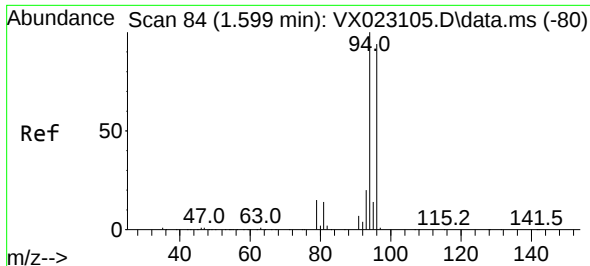
Tgt Ion:168 Resp: 280240
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#3
Chloromethane
Concen: 0.384 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 50 Resp: 965
Ion Ratio Lower Upper
50 100
52 36.1 26.4 39.6

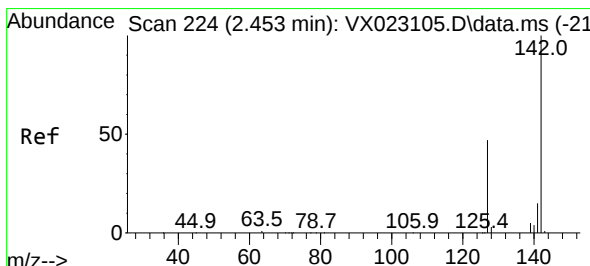
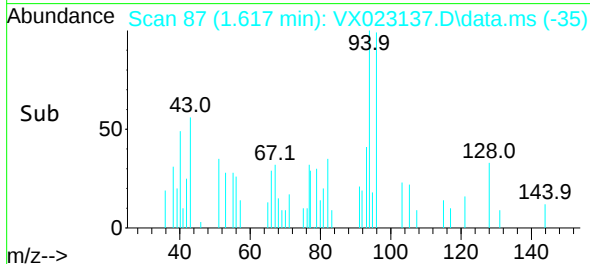
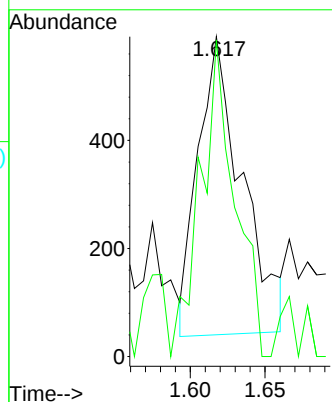
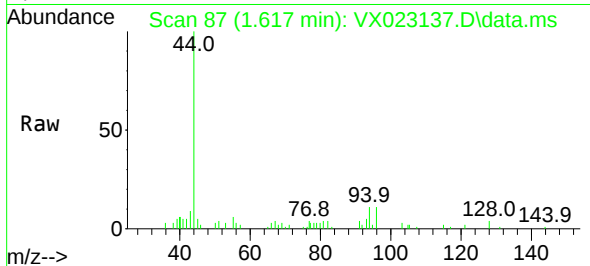




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

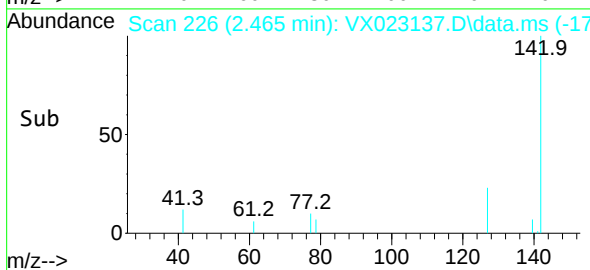
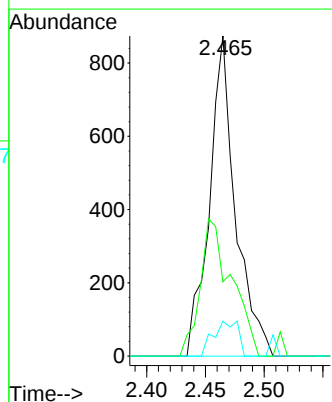
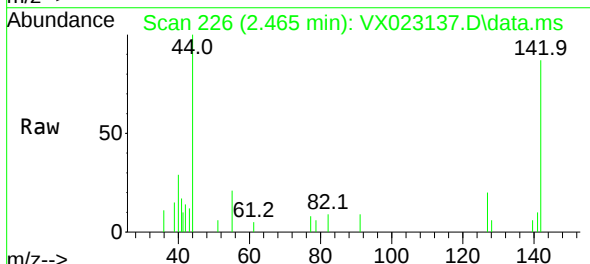
Instrument :
MSVOA_X
ClientSampleId :

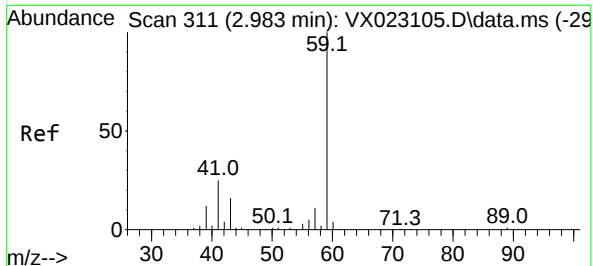
Tgt Ion: 94 Resp: 1131
Ion Ratio Lower Upper
94 100
96 104.1 76.4 114.6



#10
Methyl Iodide
Concen: 0.405 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 142 Resp: 1346
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 10.3 11.4 17.0#



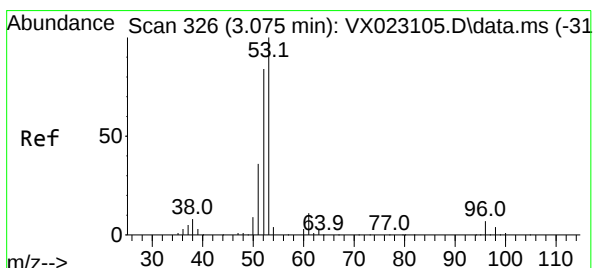
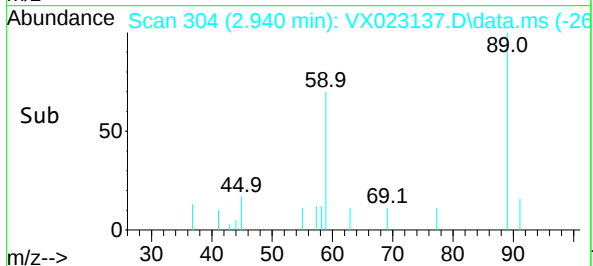
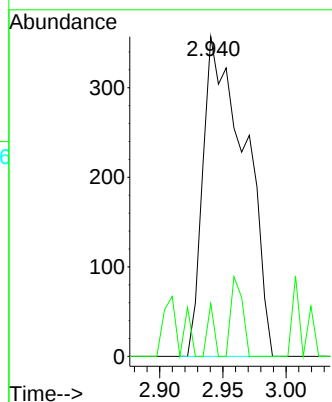
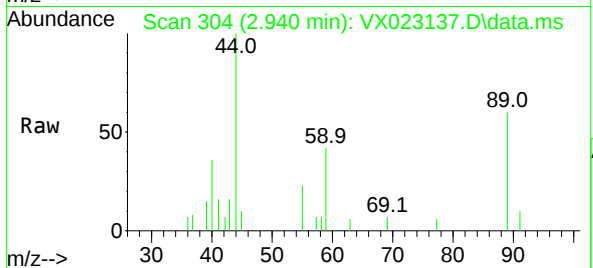


#11

Tert butyl alcohol
Concen: 1.036 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Instrument :
MSVOA_X
ClientSampled :

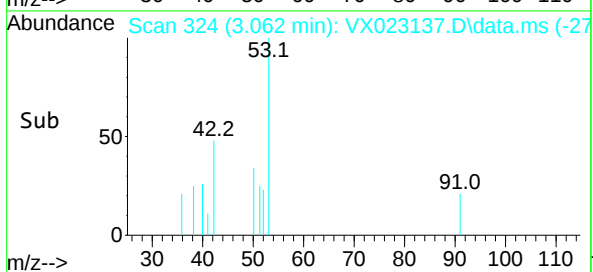
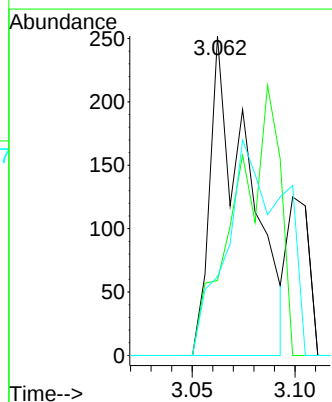
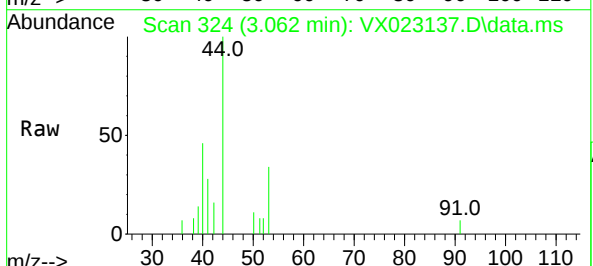
Tgt Ion: 59 Resp: 821
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.8#

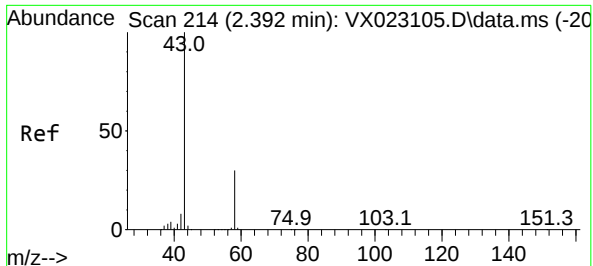


#15

Acrylonitrile
Concen: 0.212 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.013 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 53 Resp: 326
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#

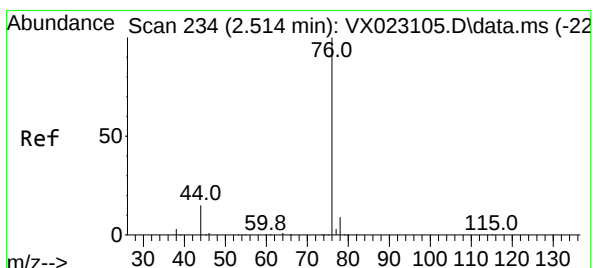
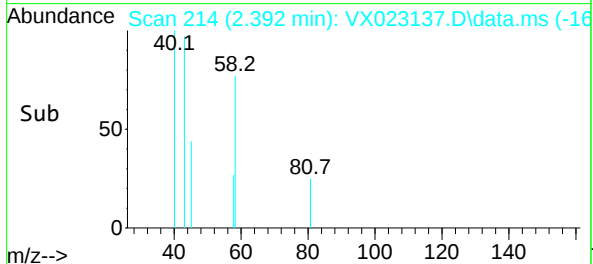
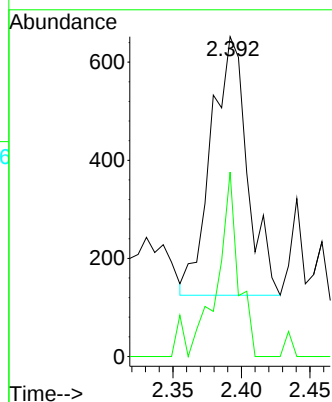
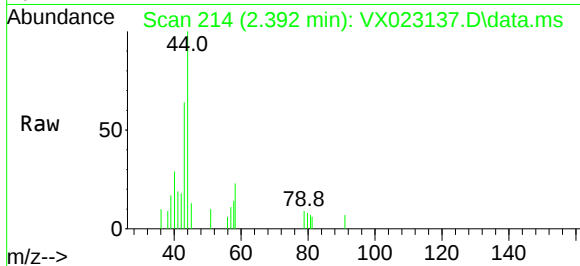




#16
Acetone
Concen: 0.652 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

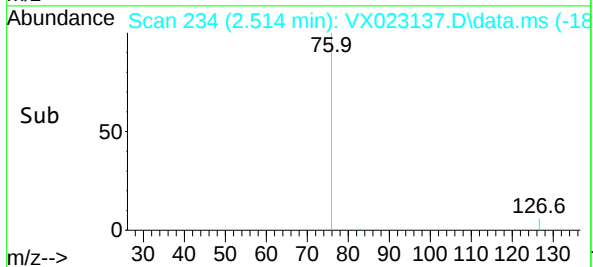
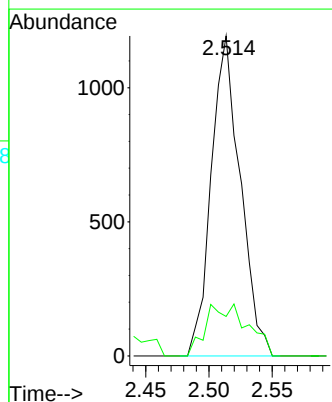
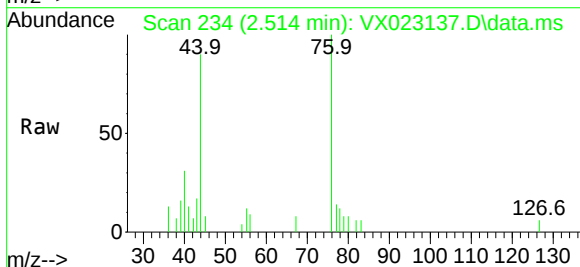
Instrument :
MSVOA_X
ClientSampled :

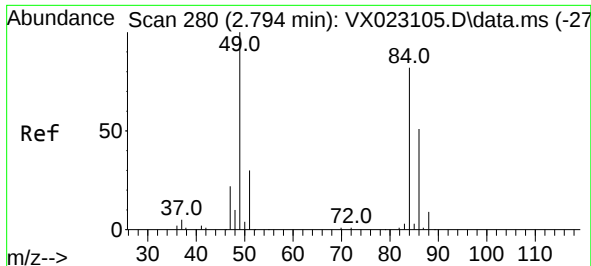
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 71.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.362 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

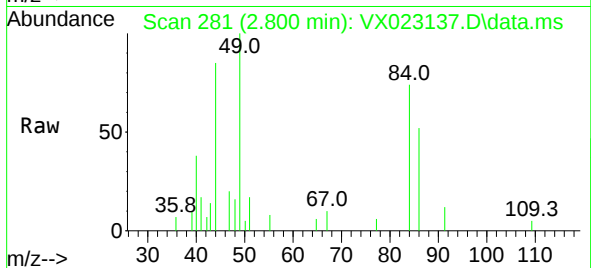
Tgt Ion: 76 Resp: 1905
Ion Ratio Lower Upper
76 100
78 12.3 7.2 10.8#





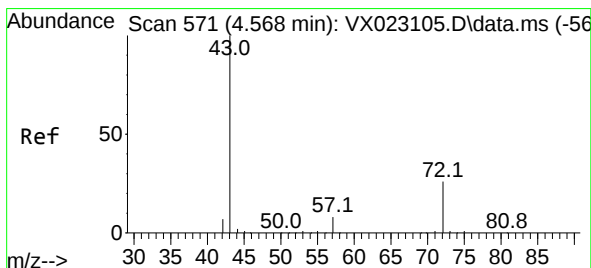
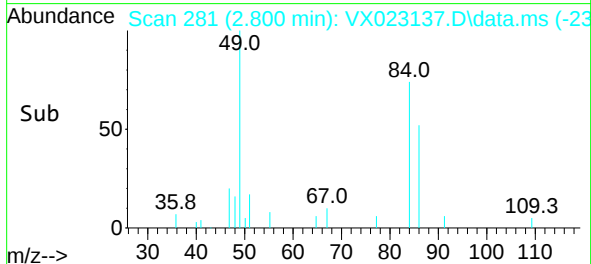
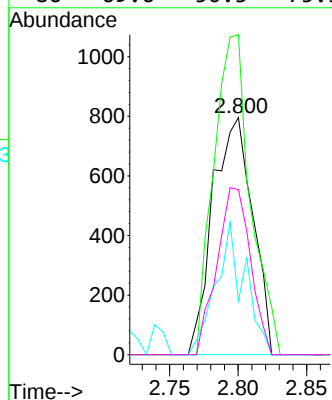
#20
Methylene Chloride
Concen: 0.502 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1612

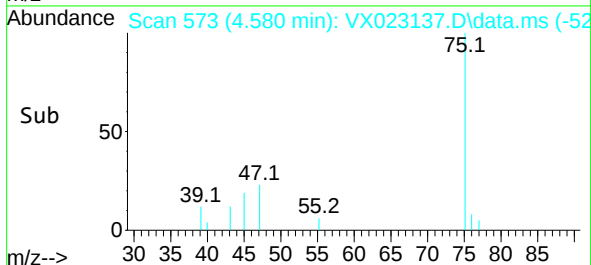
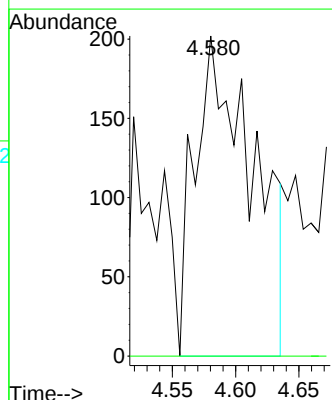
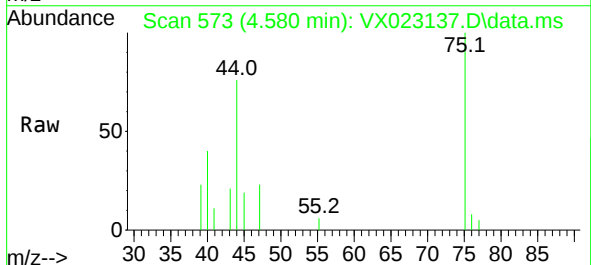
Ion	Ratio	Lower	Upper
84	100		
49	134.9	88.6	132.8#
51	22.6	27.0	40.6#
86	69.6	50.3	75.5

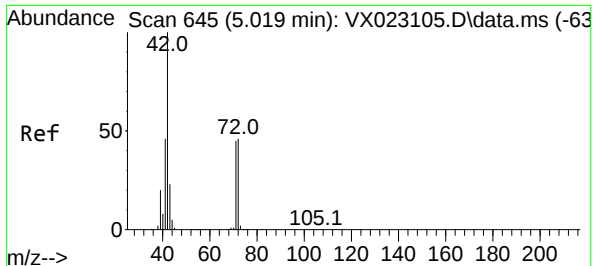


#25
2-Butanone
Concen: 0.287 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 43 Resp: 645

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.638 ug/l

RT: 5.038 min Scan# 648

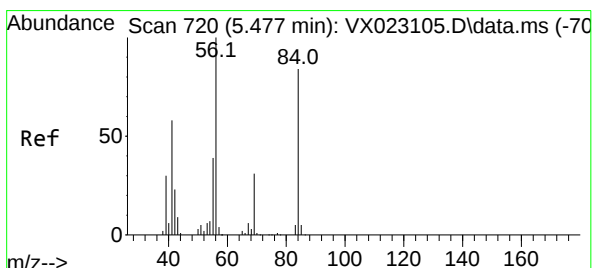
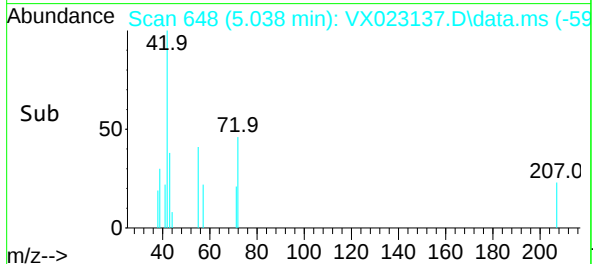
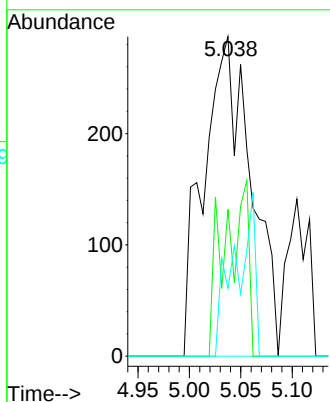
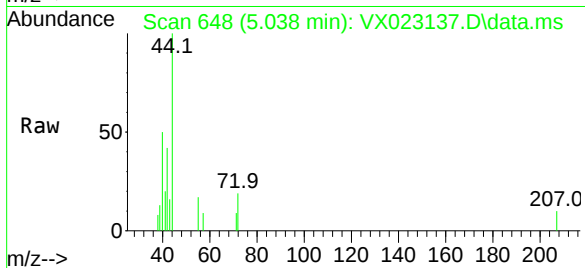
Delta R.T. 0.019 min

Lab File: VX023137.D

Acq: 06 Jul 2021 11:19

Tgt Ion:	42	Resp:	922
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.331 ug/l

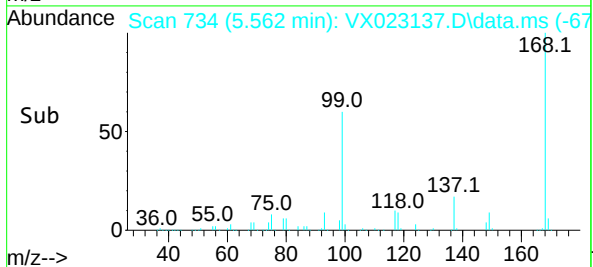
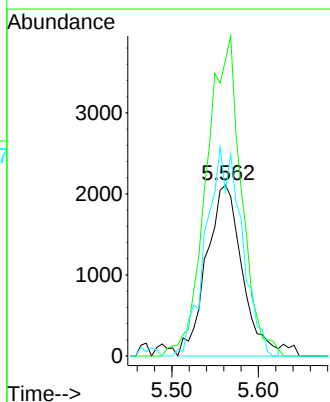
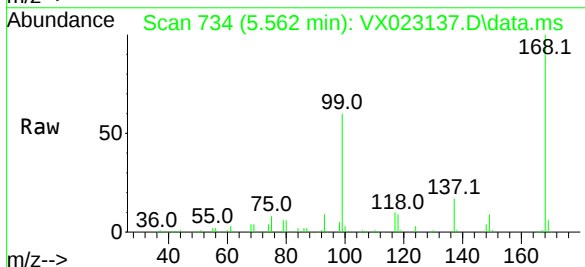
RT: 5.562 min Scan# 734

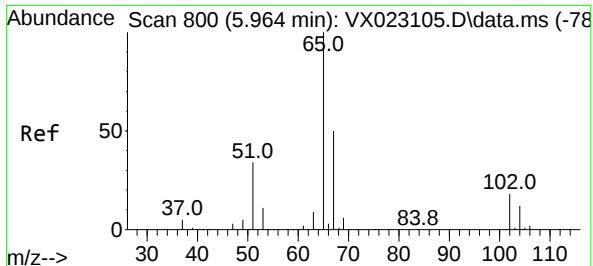
Delta R.T. 0.085 min

Lab File: VX023137.D

Acq: 06 Jul 2021 11:19

Tgt Ion:	56	Resp:	6001
Ion	Ratio	Lower	Upper
56	100		
69	168.7	25.3	37.9#
84	96.2	71.4	107.0



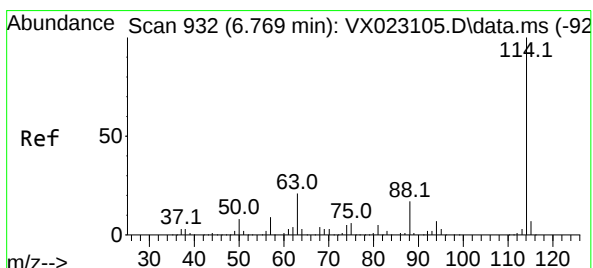
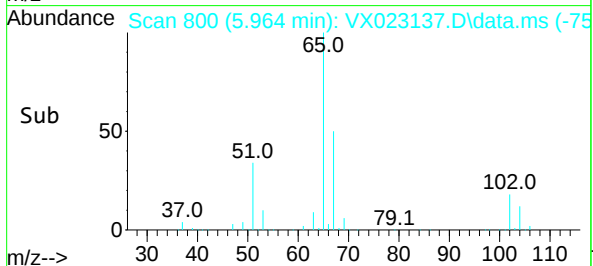
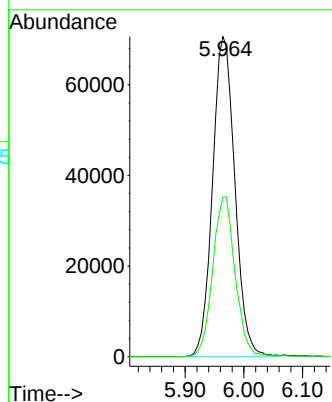
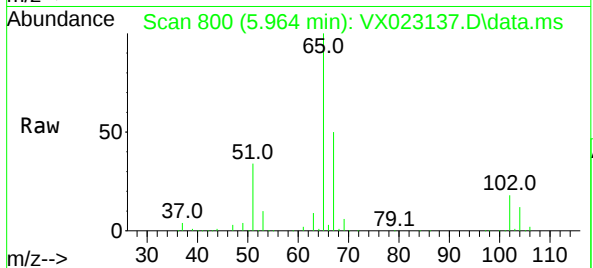


#33

1,2-Dichloroethane-d4
Concen: 49.537 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Instrument :
MSVOA_X
ClientSampled :

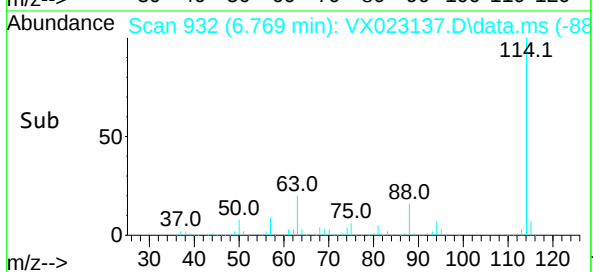
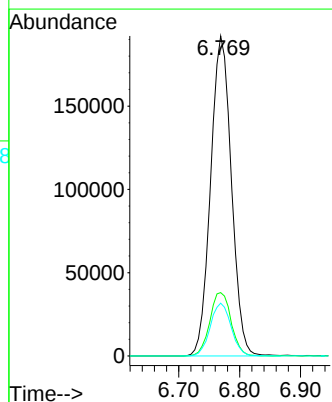
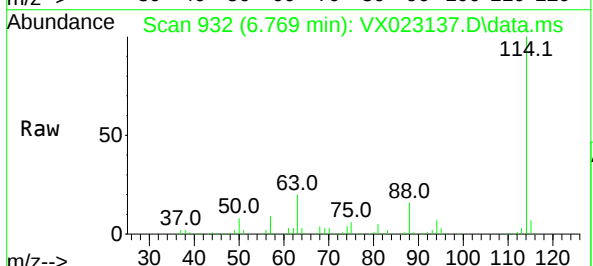
Tgt Ion: 65 Resp: 186577
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

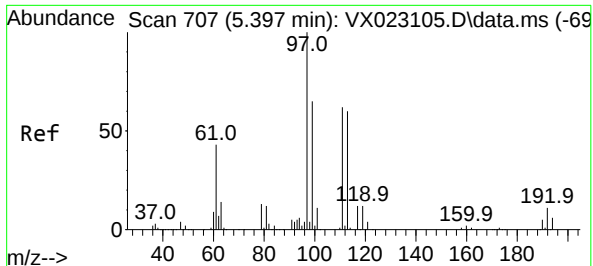


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 114 Resp: 454902
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.5 0.0 32.8

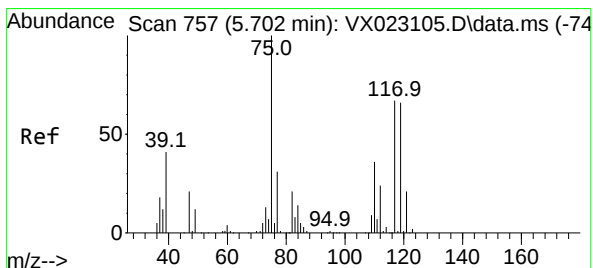
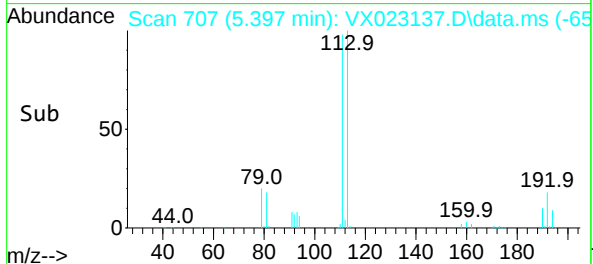
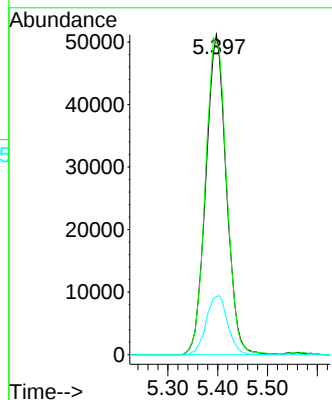
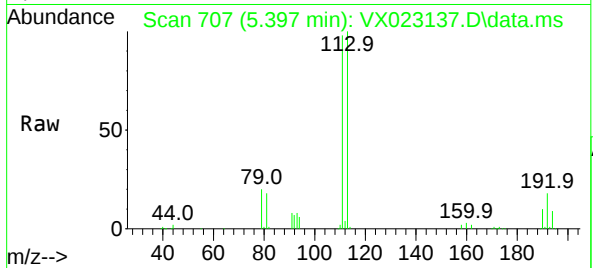




#35
Dibromofluoromethane
Concen: 49.696 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

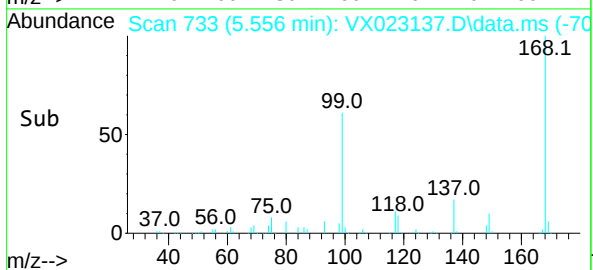
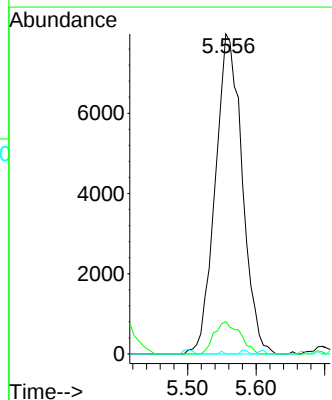
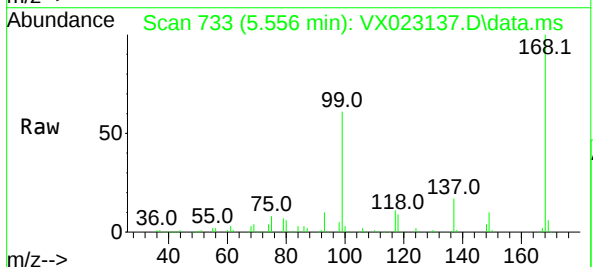
Instrument :
MSVOA_X
ClientSampleId :

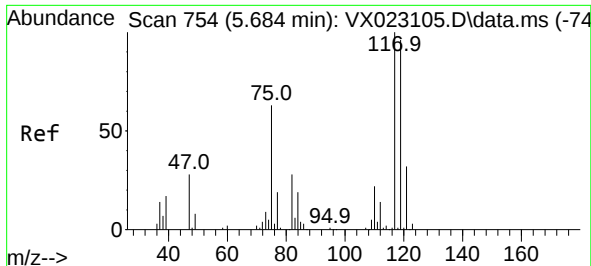
Tgt Ion:113 Resp: 145986
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.357 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

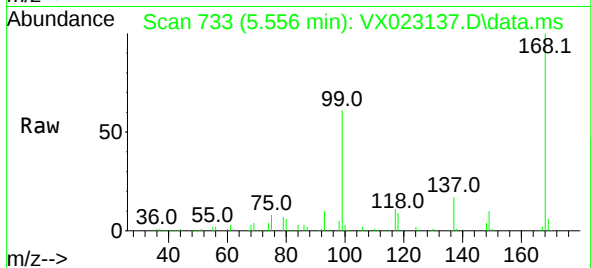
Tgt Ion: 75 Resp: 21724
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.1 25.3 37.9#



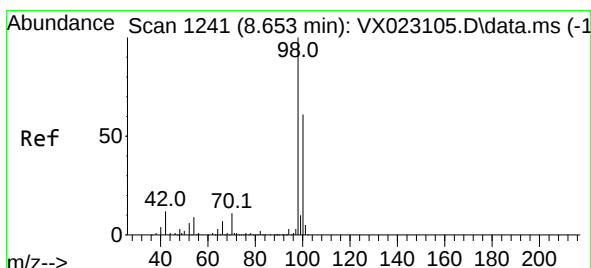
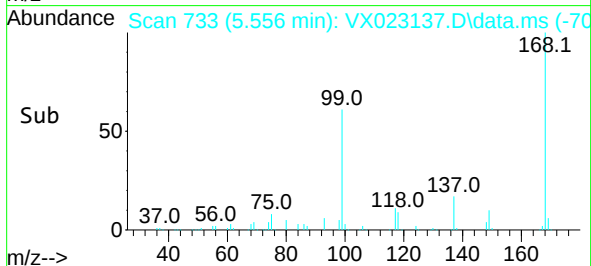
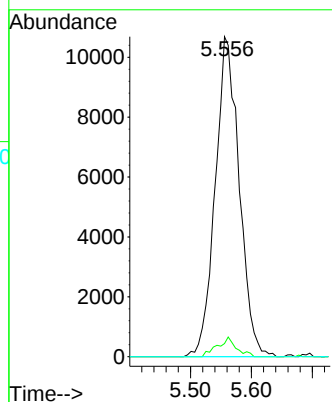


#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Instrument :
MSVOA_X
ClientSampled :

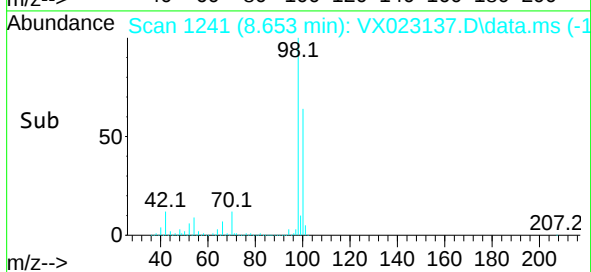
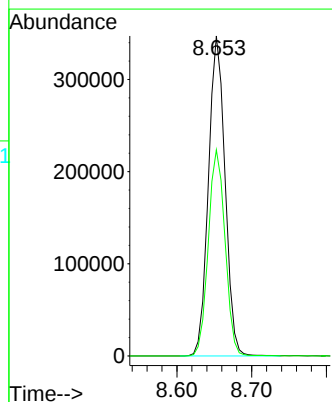
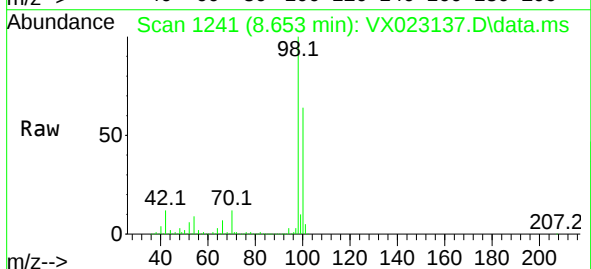


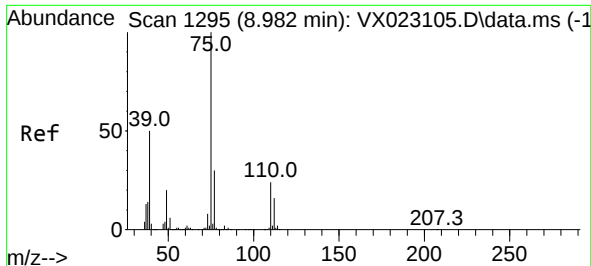
Tgt Ion:117 Resp: 29255
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.902 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 98 Resp: 535857
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

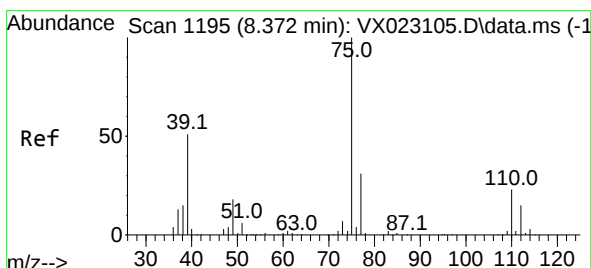
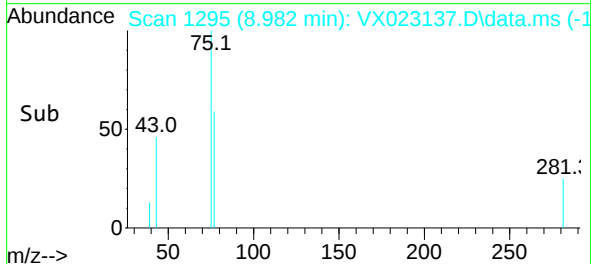
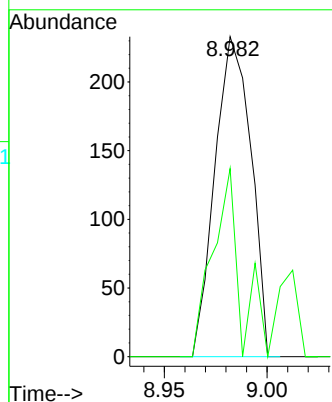
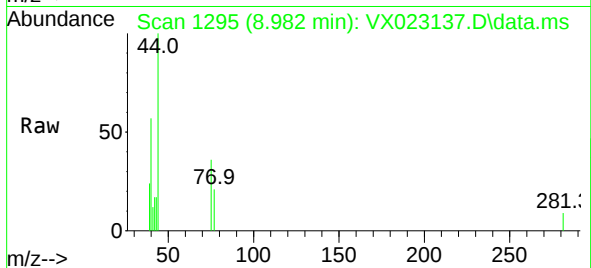




#53
t-1,3-Dichloropropene
Concen: 2.789 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

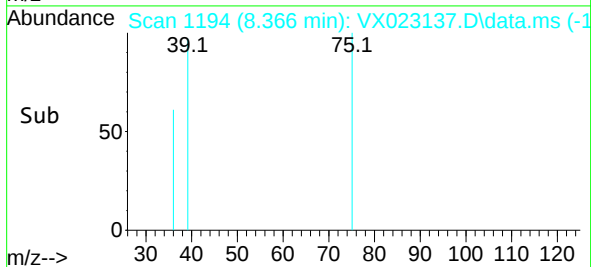
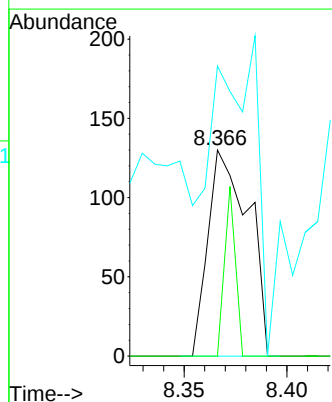
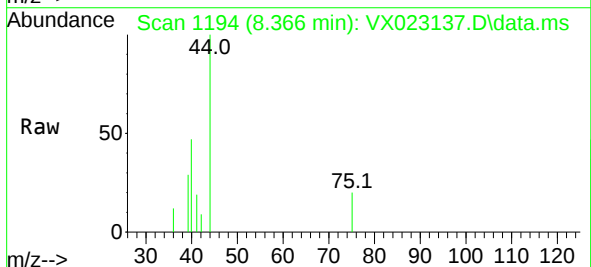
Instrument :
MSVOA_X
ClientSampled :

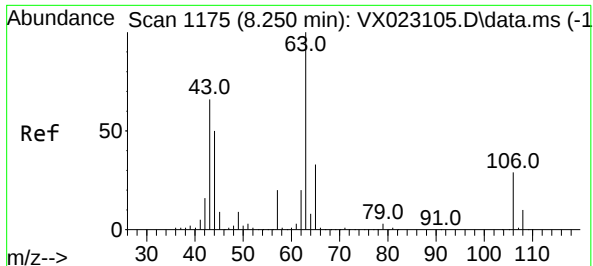
Tgt Ion: 75 Resp: 284
Ion Ratio Lower Upper
75 100
77 58.8 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.205 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 75 Resp: 179
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 75.4 35.1 52.7#

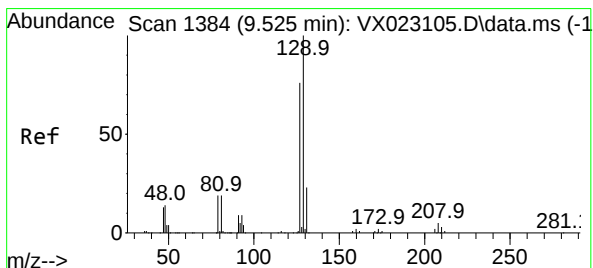
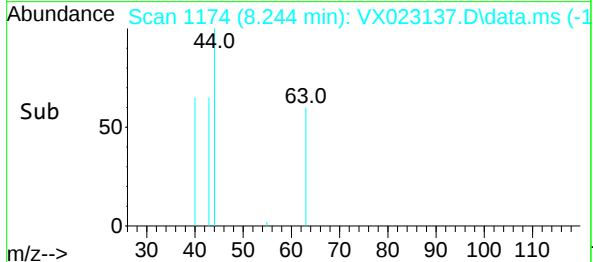
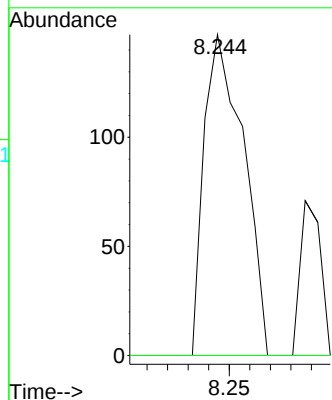
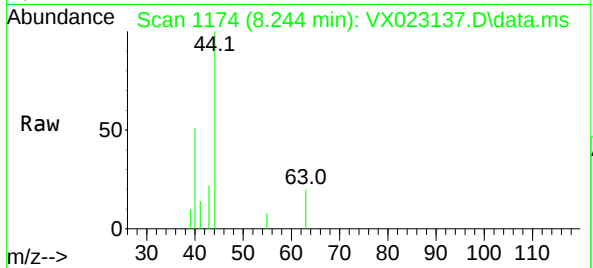




#58
2-Chloroethyl Vinyl ether
Concen: 4.761 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

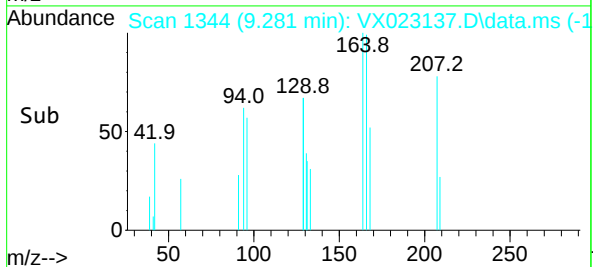
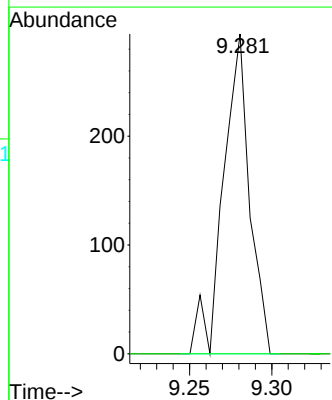
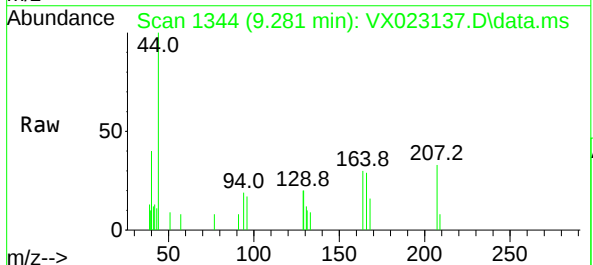
Instrument :
MSVOA_X
ClientSampled :

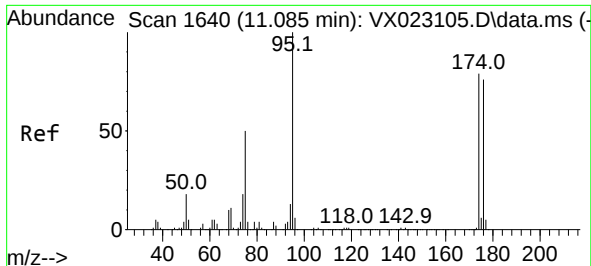
Tgt Ion: 63 Resp: 196
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.199 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 129 Resp: 328
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

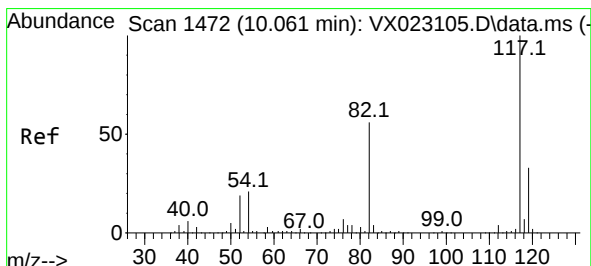
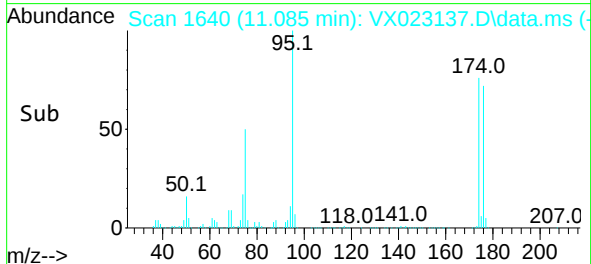
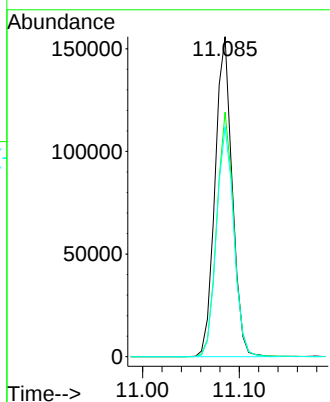
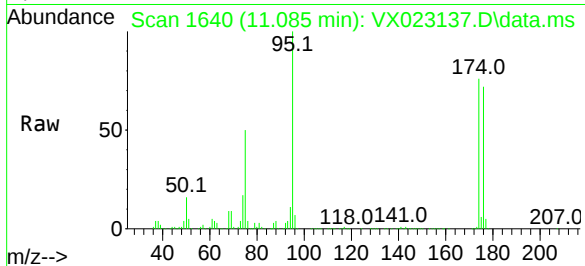




#62
4-Bromofluorobenzene
Concen: 45.347 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

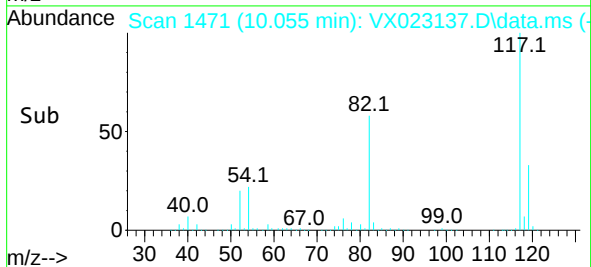
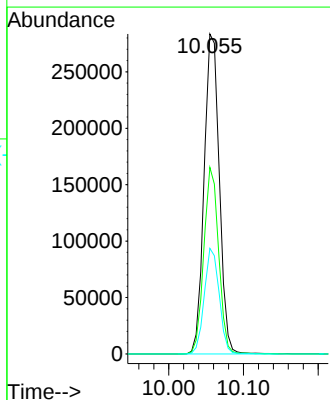
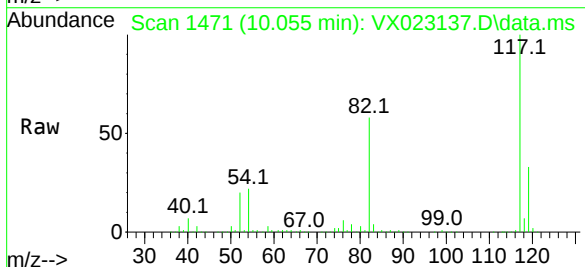
Instrument :
MSVOA_X
ClientSampleId :

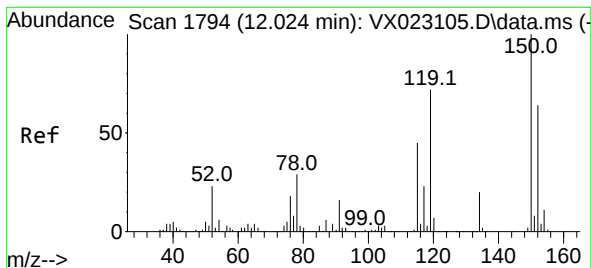
Tgt Ion: 95 Resp: 191832
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 72.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 117 Resp: 400792
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 33.0 26.6 39.8

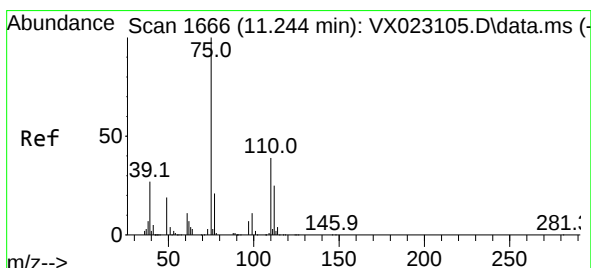
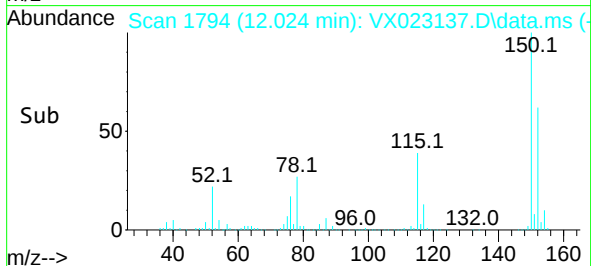
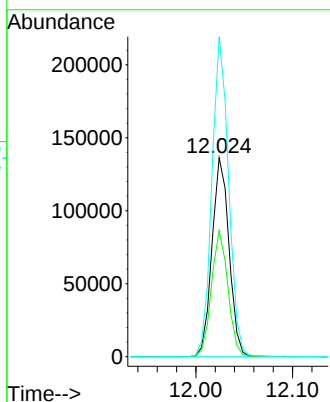
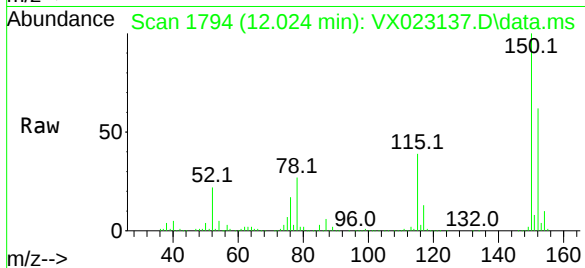




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023137.D
 Acq: 06 Jul 2021 11:19

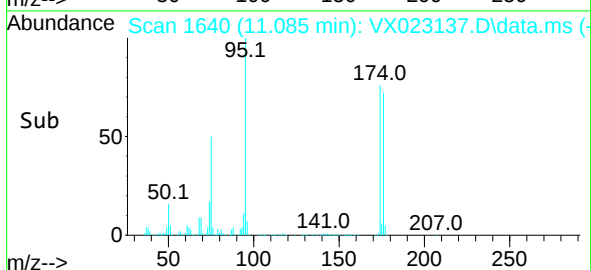
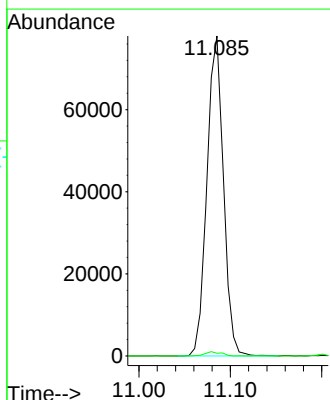
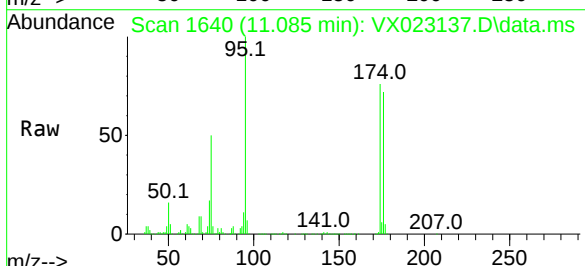
Instrument :
 MSVOA_X
 ClientSampleId :

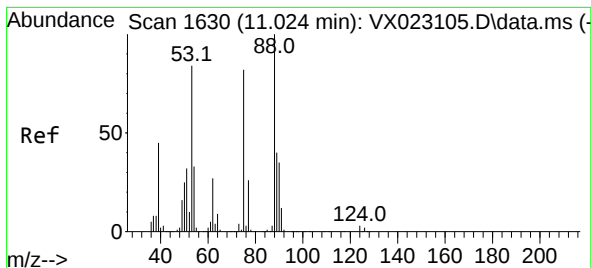
Tgt Ion:152 Resp: 166841
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.1 123.3
 150 157.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.062 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023137.D
 Acq: 06 Jul 2021 11:19

Tgt Ion: 75 Resp: 97572
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

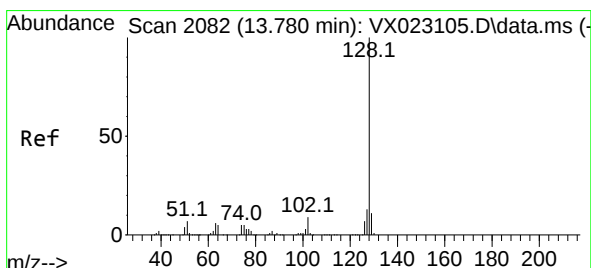
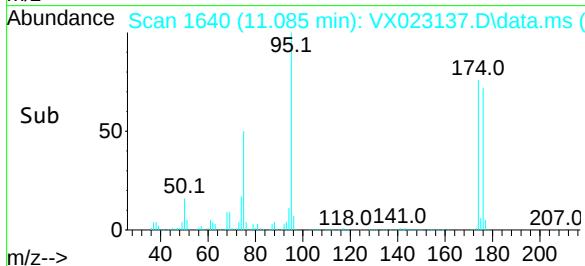
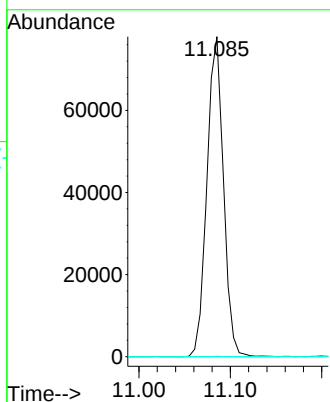
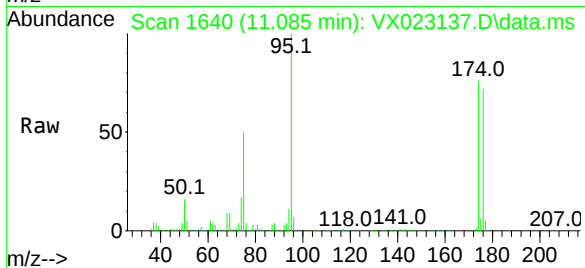




#81
trans-1,4-Dichloro-2-butene
Concen: 78.180 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 97572
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.385 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023137.D
Acq: 06 Jul 2021 11:19

Tgt Ion: 128 Resp: 1404
Ion Ratio Lower Upper
128 100
127 8.5 10.3 15.5#
129 12.6 8.8 13.2

