

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071321\
 Data File : VX023254.D
 Acq On : 13 Jul 2021 09:50
 Operator : JC/MD
 Sample : VX0713MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 14 04:51:30 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)

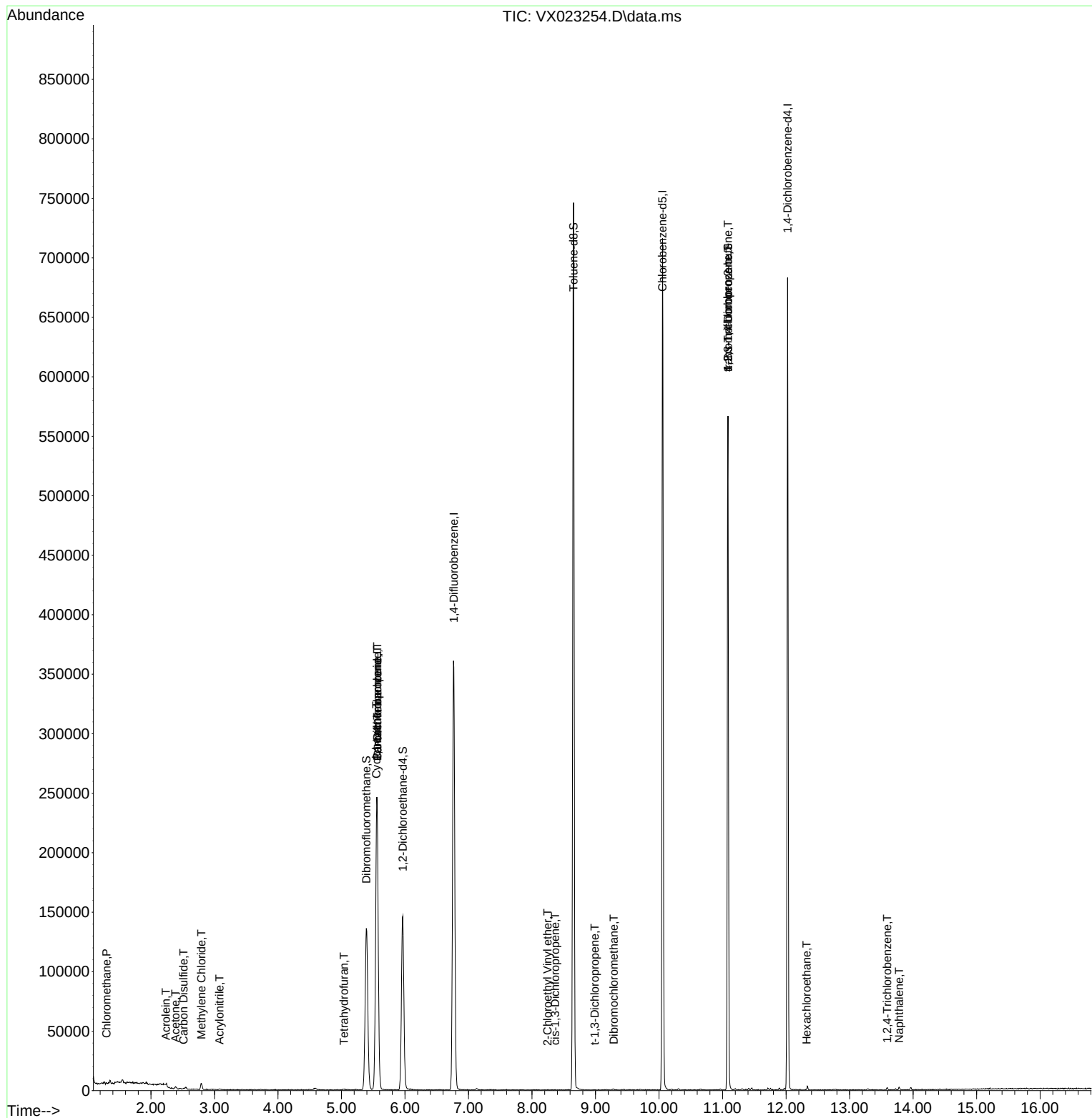
Internal Standards						
1) Pentafluorobenzene	5.562	168	231107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	374336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147519	47.494	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.980%
35) Dibromofluoromethane	5.391	113	119793	49.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.120%
50) Toluene-d8	8.653	98	435950	48.347	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.700%
62) 4-Bromofluorobenzene	11.085	95	153033	43.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	530	0.256	ug/l	90
5) Bromomethane	1.618	94	631	Below Cal	#	69
13) Acrolein	2.233	56	437	1.004	ug/l	89
15) Acrylonitrile	3.081	53	318	0.250	ug/l #	83
16) Acetone	2.386	43	2235	1.819	ug/l #	87
17) Carbon Disulfide	2.514	76	1032	0.238	ug/l #	75
20) Methylene Chloride	2.794	84	2240	0.847	ug/l #	72
29) Tetrahydrofuran	5.038	42	566	0.475	ug/l #	27
31) Cyclohexane	5.550	56	4524	1.216	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17701	5.304	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24145	6.932	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	121	2.764	ug/l #	5
54) cis-1,3-Dichloropropene	8.366	75	79	2.190	ug/l #	64
58) 2-Chloroethyl Vinyl ether	8.244	63	77	4.724	ug/l #	45
60) Dibromochloromethane	9.287	129	45	3.127	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	78251	28.293	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	78251	76.239	ug/l #	12
90) Hexachloroethane	12.323	117	19	3.008	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	623	0.224	ug/l	97
95) Naphthalene	13.780	128	1548	1.423	ug/l #	93

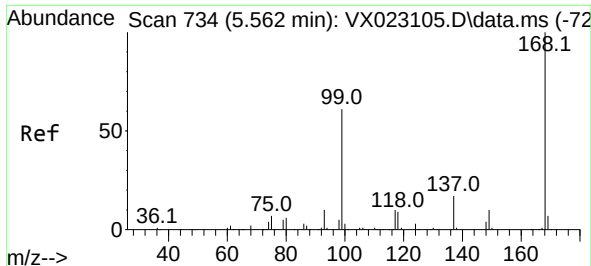
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: Jul 14 04:51:30 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

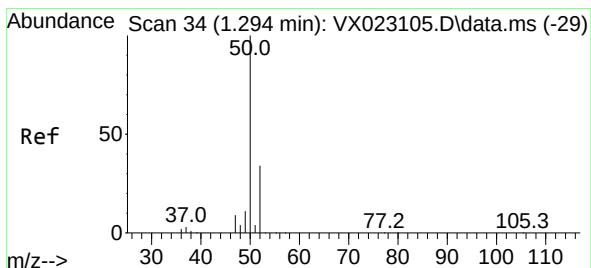
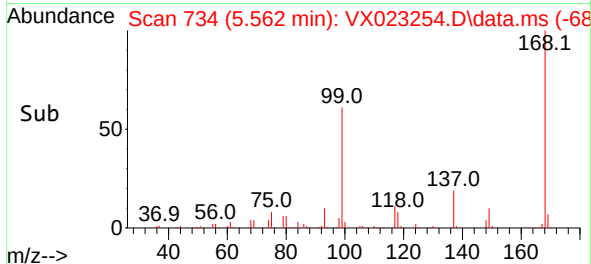
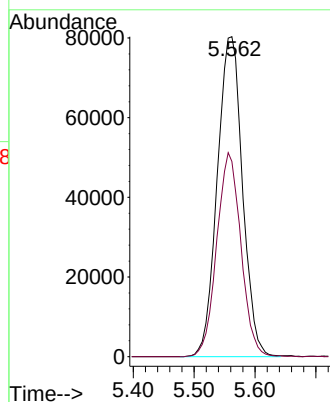
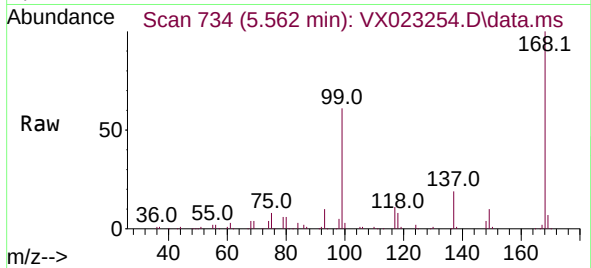




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

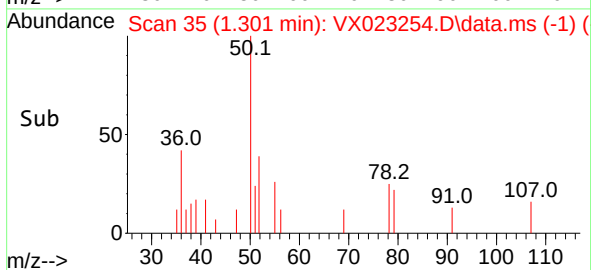
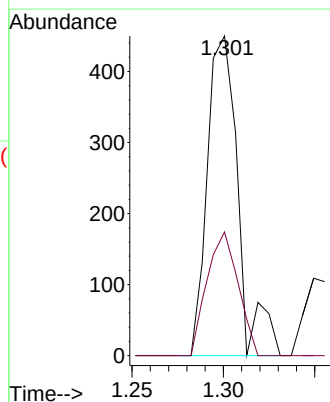
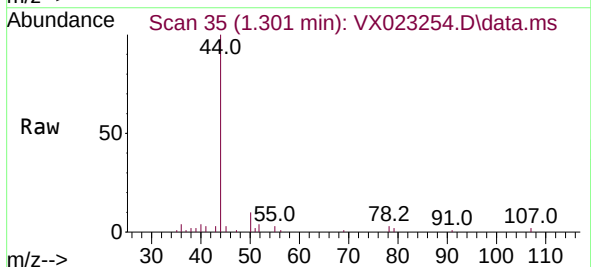
Instrument :
MSVOA_X
ClientSampleId :

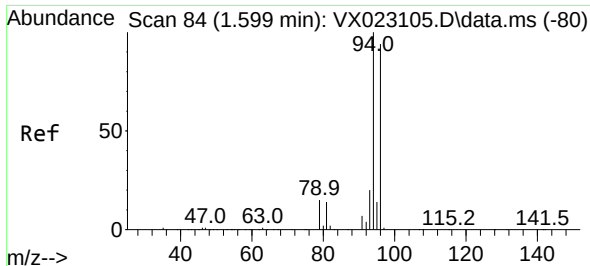
Tgt Ion:168 Resp: 231107
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 50 Resp: 530
Ion Ratio Lower Upper
50 100
52 38.7 26.4 39.6

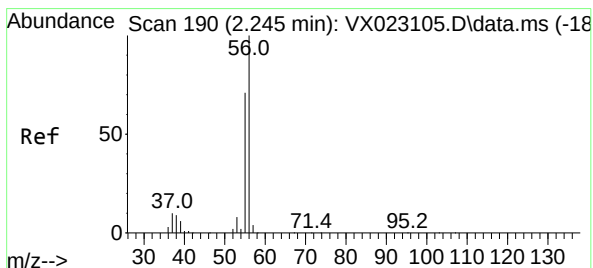
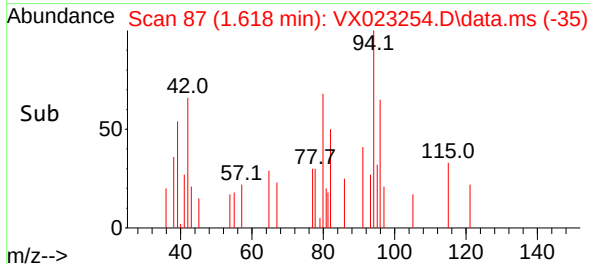
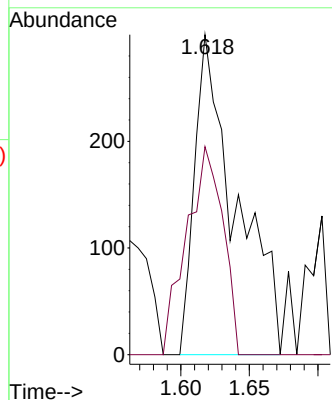
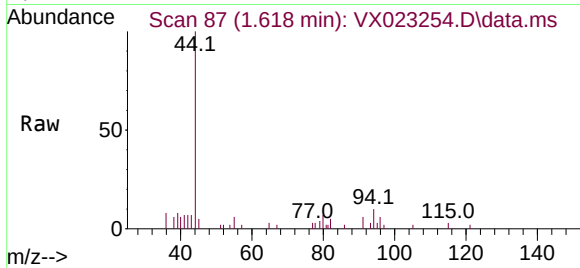




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

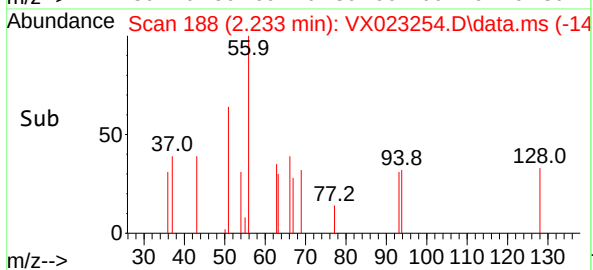
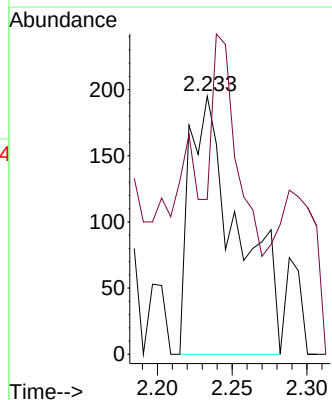
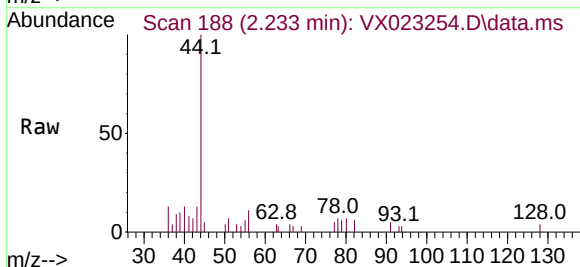
Instrument :
MSVOA_X
ClientSampled :

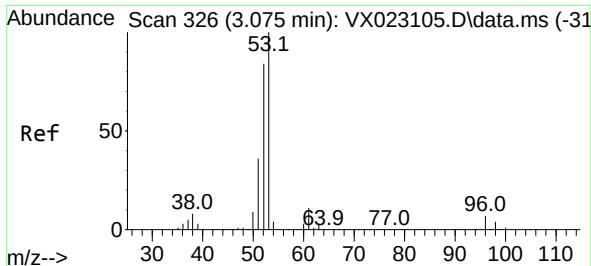
Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 65.0 76.4 114.6#



#13
Acrolein
Concen: 1.004 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 56 Resp: 437
Ion Ratio Lower Upper
56 100
55 61.8 56.4 84.6

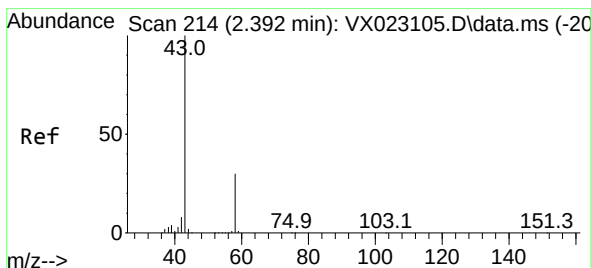
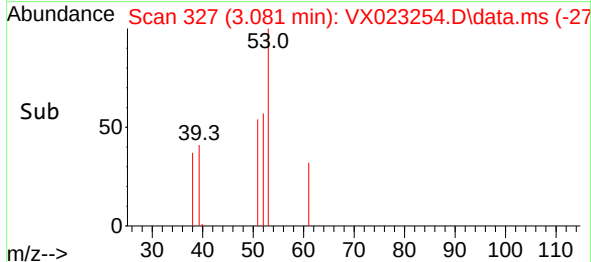
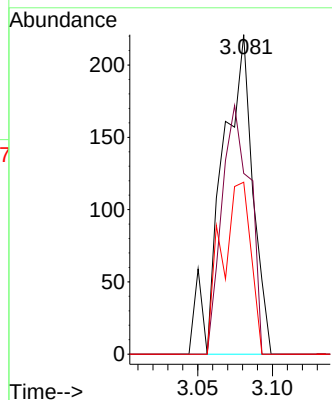
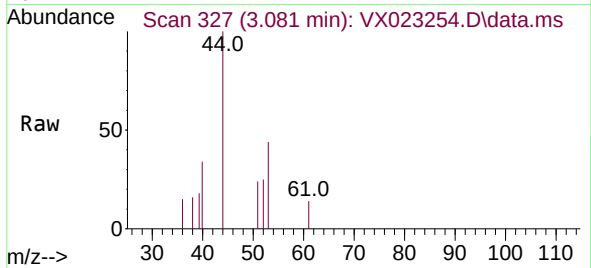




#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

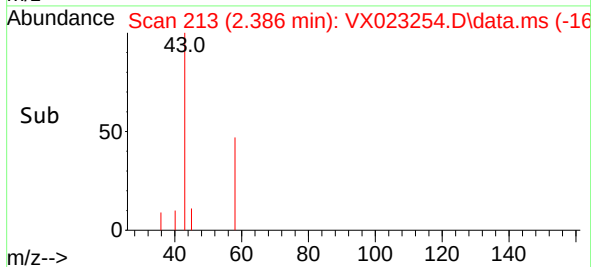
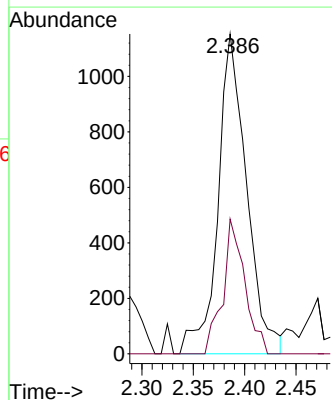
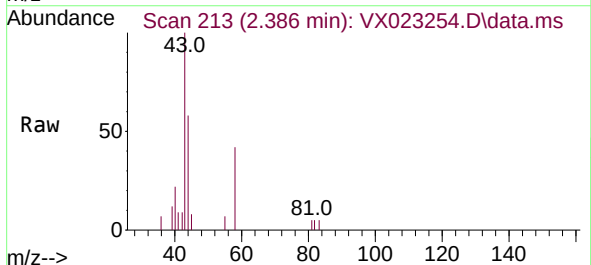
Instrument :
MSVOA_X
ClientSampled :

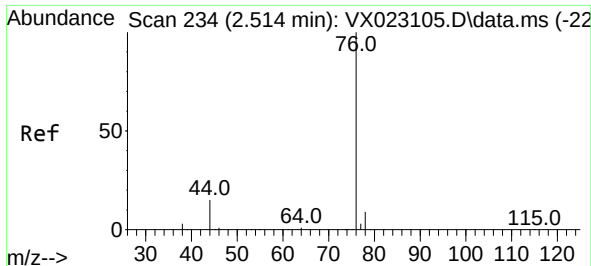
Tgt Ion: 53 Resp: 318
Ion Ratio Lower Upper
53 100
52 70.1 65.3 97.9
51 50.0 28.2 42.2#



#16
Acetone
Concen: 1.819 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 42.2 27.8 41.8#

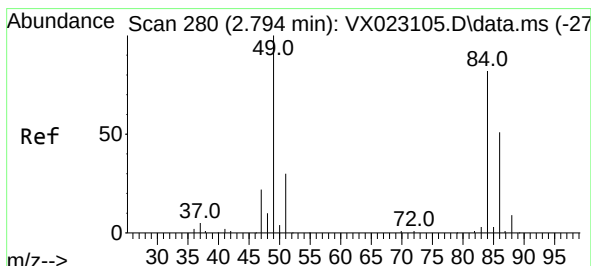
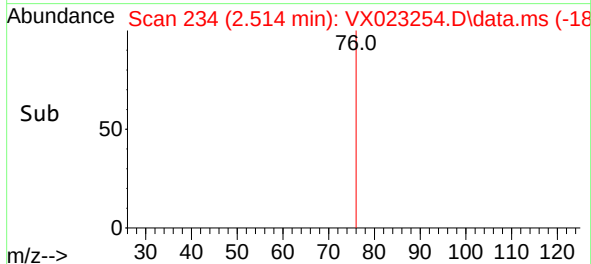
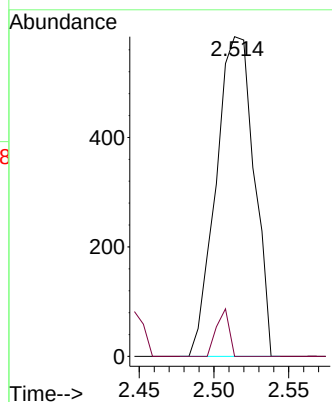
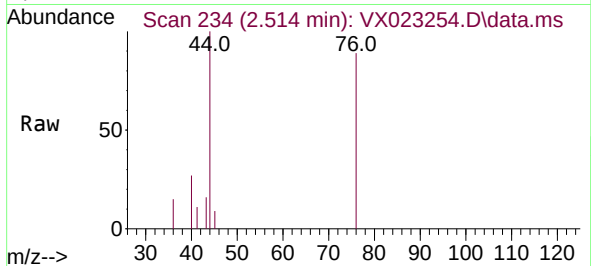




#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

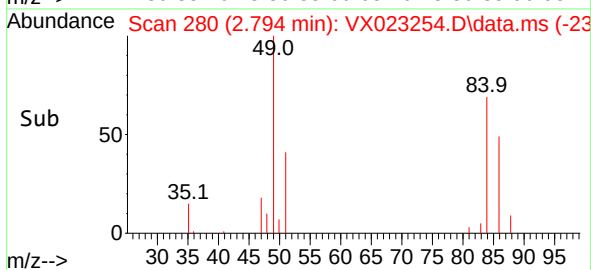
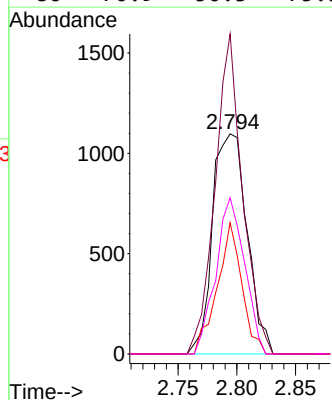
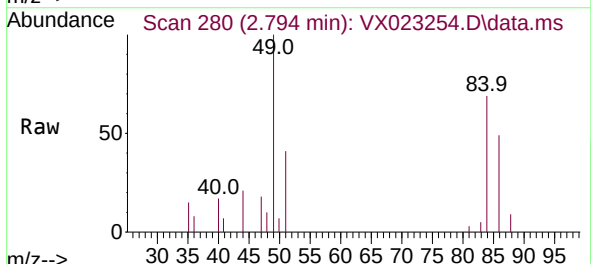
Instrument :
MSVOA_X
ClientSampled :

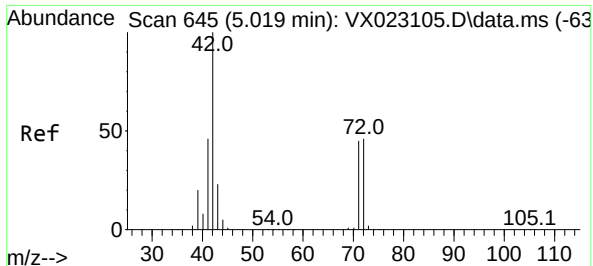
Tgt Ion: 76 Resp: 1032
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.847 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 84 Resp: 2240
Ion Ratio Lower Upper
84 100
49 145.4 88.6 132.8#
51 59.6 27.0 40.6#
86 70.9 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.475 ug/l

RT: 5.038 min Scan# 648

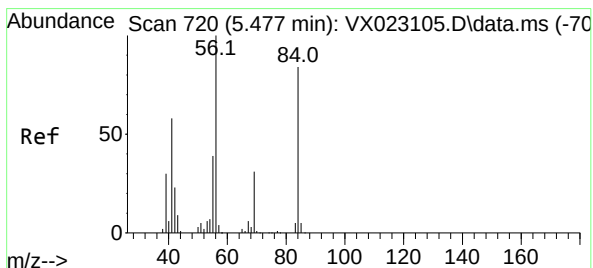
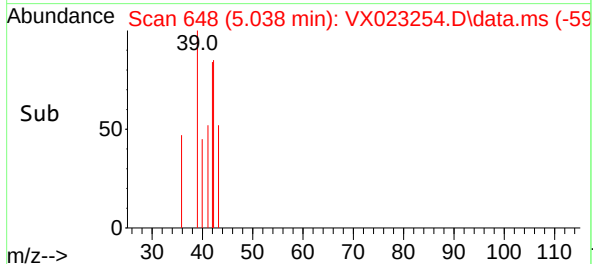
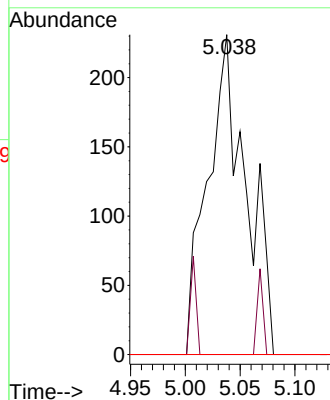
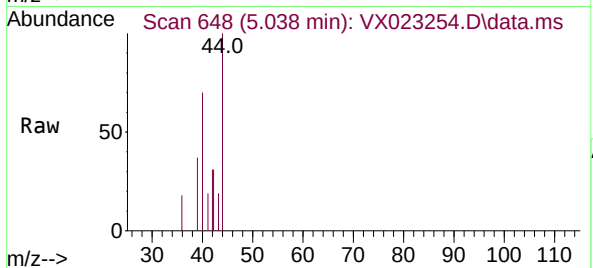
Delta R.T. 0.019 min

Lab File: VX023254.D

Acq: 13 Jul 2021 09:50

Tgt Ion:	42	Resp:	566
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.216 ug/l

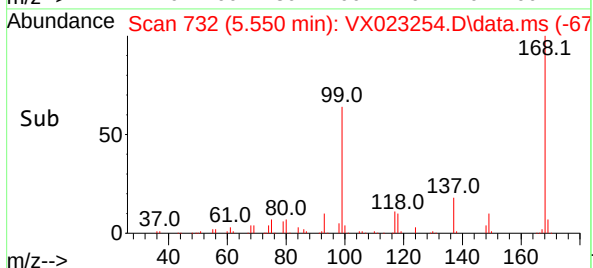
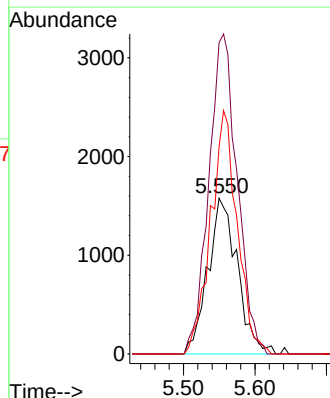
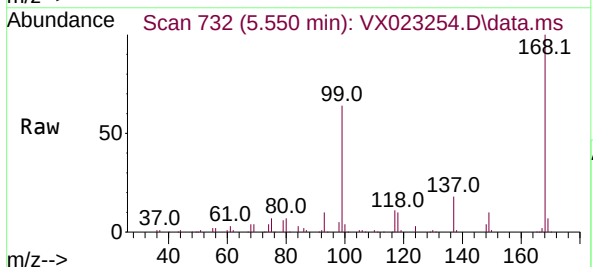
RT: 5.550 min Scan# 732

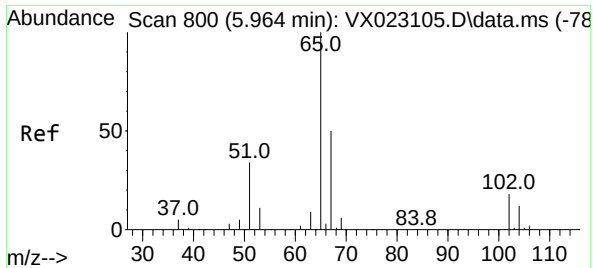
Delta R.T. 0.073 min

Lab File: VX023254.D

Acq: 13 Jul 2021 09:50

Tgt Ion:	56	Resp:	4524
Ion	Ratio	Lower	Upper
56	100		
69	199.9	25.3	37.9#
84	133.1	71.4	107.0#



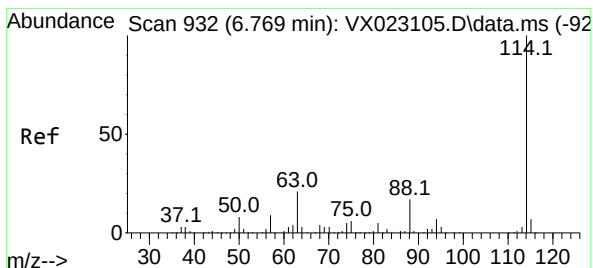
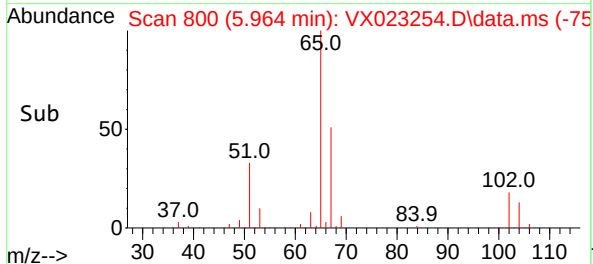
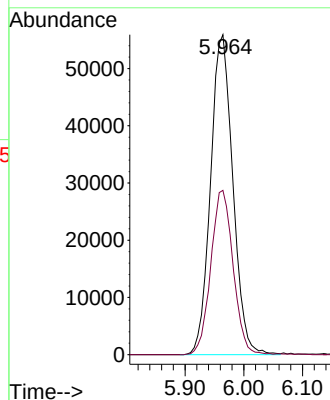
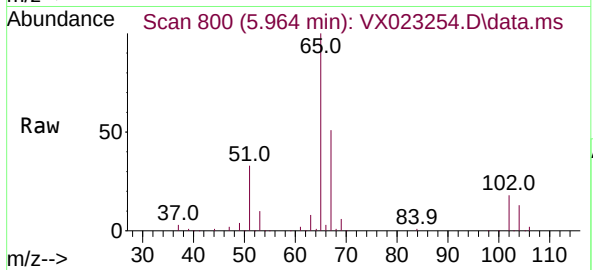


#33

1,2-Dichloroethane-d4
Concen: 47.494 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Instrument :
MSVOA_X
ClientSampled :

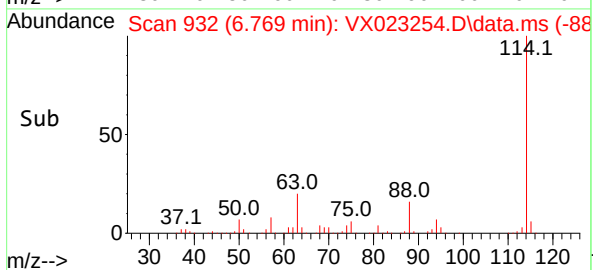
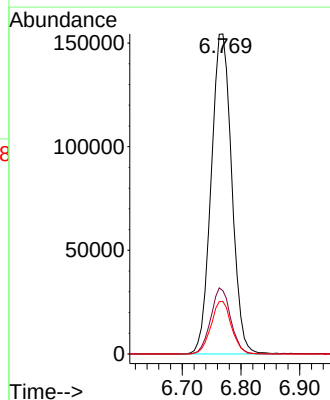
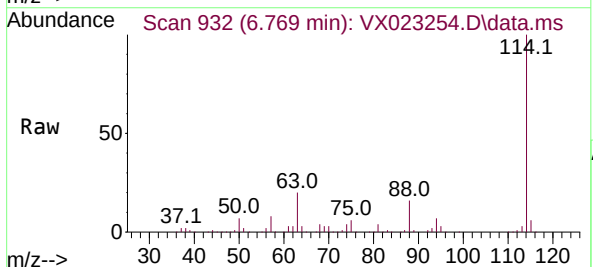
Tgt Ion: 65 Resp: 147519
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

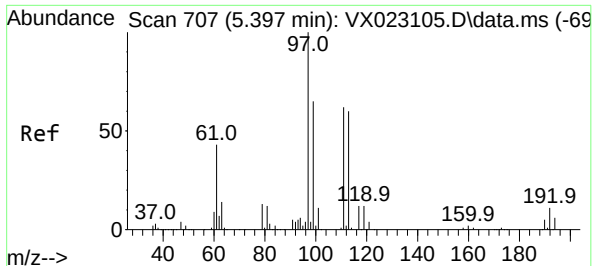


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 114 Resp: 374336
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.556 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX023254.D

Acq: 13 Jul 2021 09:50

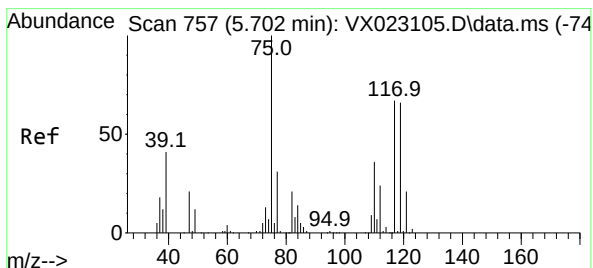
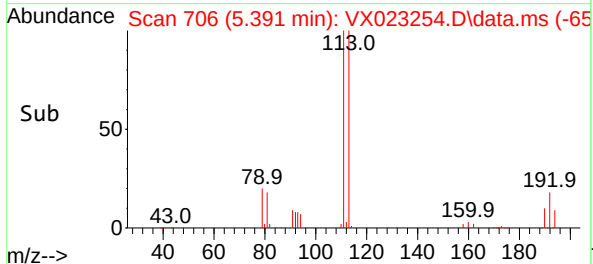
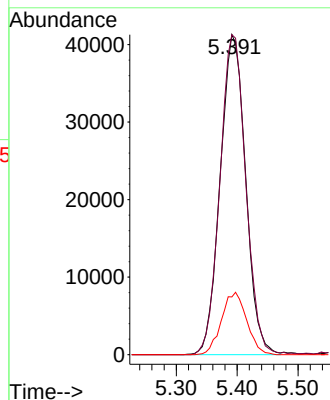
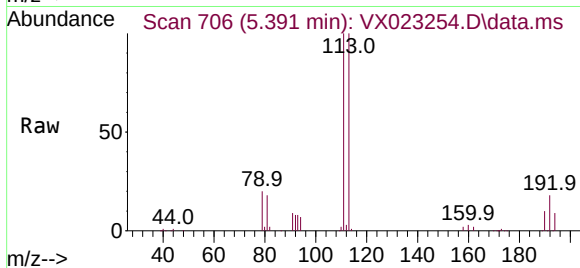
Tgt Ion:113 Resp: 119793

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.304 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023254.D

Acq: 13 Jul 2021 09:50

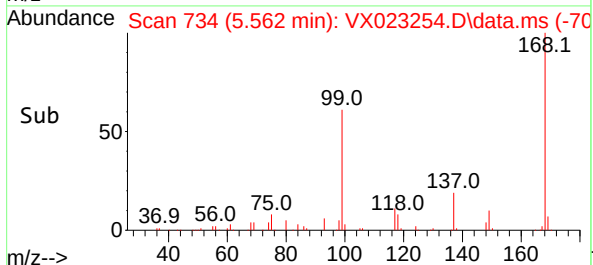
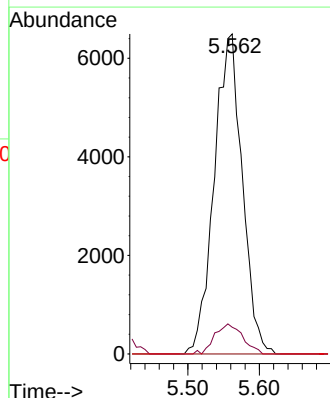
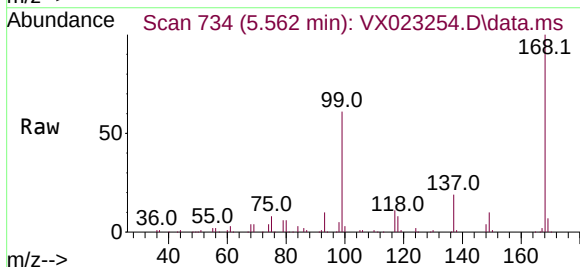
Tgt Ion: 75 Resp: 17701

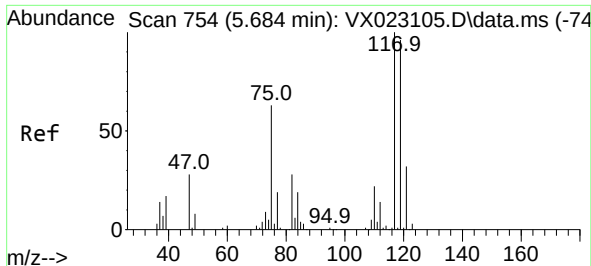
Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

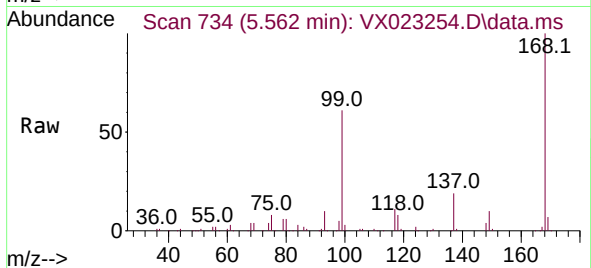
77 0.0 25.3 37.9#



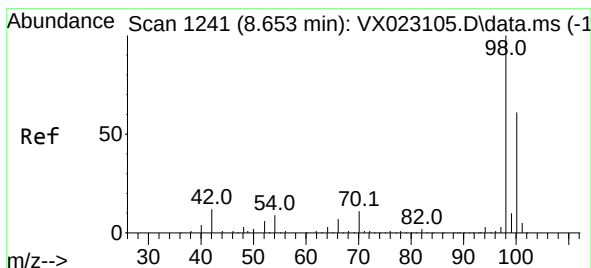
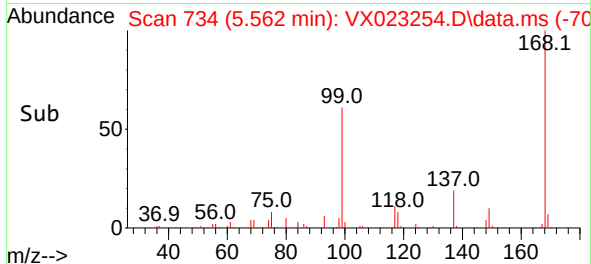
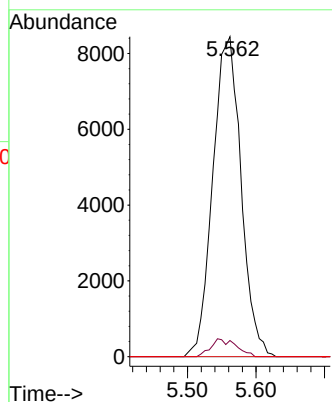


#38
Carbon Tetrachloride
Concen: 6.932 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Instrument :
MSVOA_X
ClientSampleId :

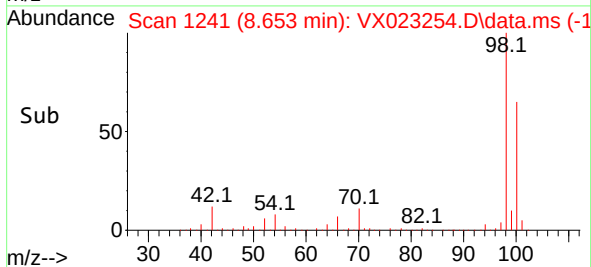
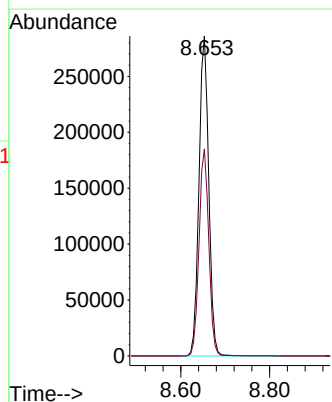
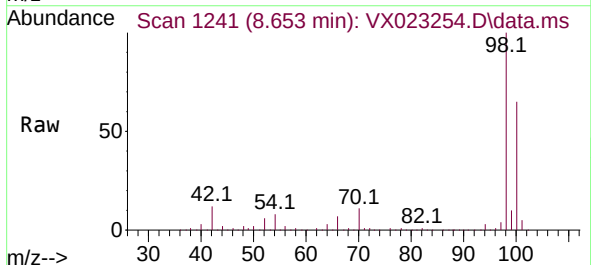


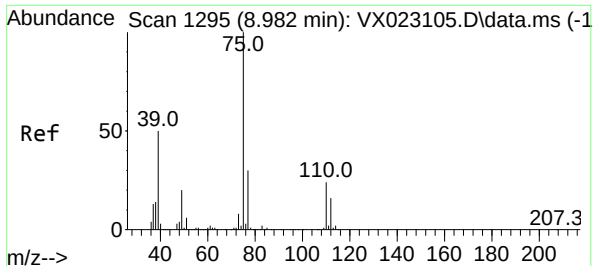
Tgt Ion:117 Resp: 24145
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.347 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 98 Resp: 435950
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

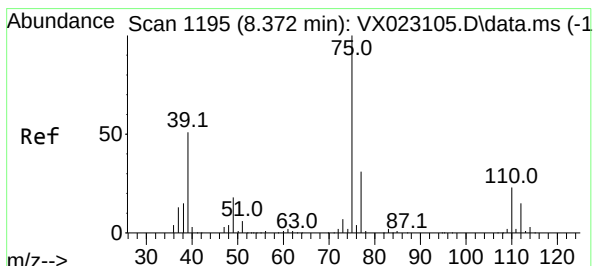
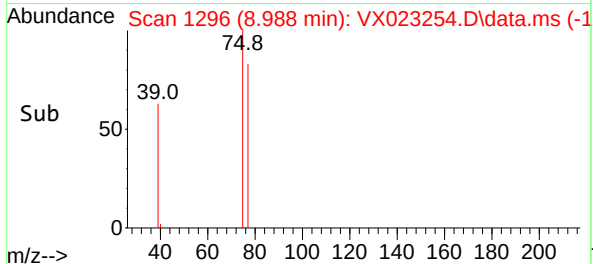
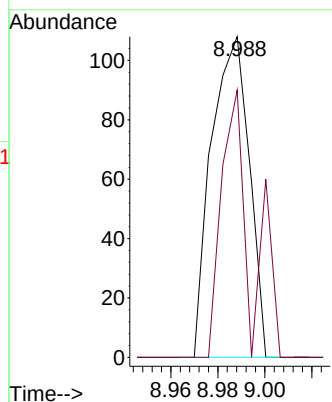
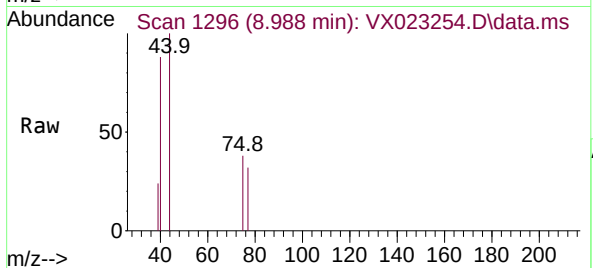




#53
t-1,3-Dichloropropene
Concen: 2.764 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

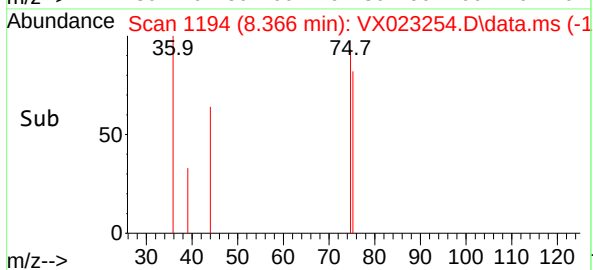
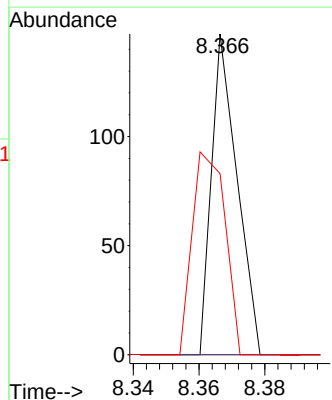
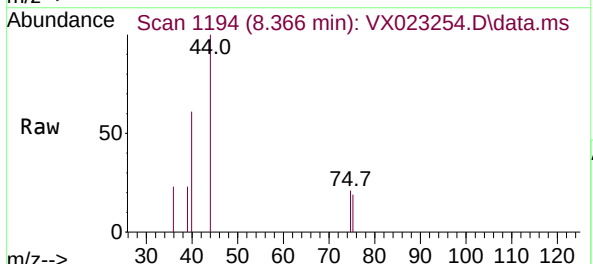
Instrument :
MSVOA_X
ClientSampled :

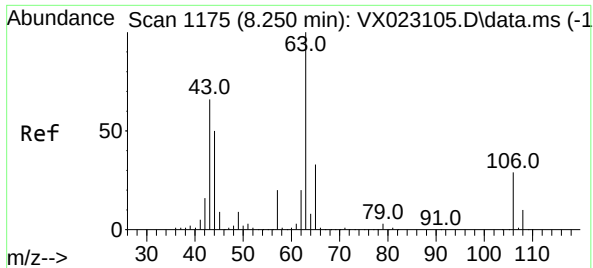
Tgt Ion: 75 Resp: 121
Ion Ratio Lower Upper
75 100
77 83.3 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.190 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 75 Resp: 79
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 56.5 35.1 52.7#

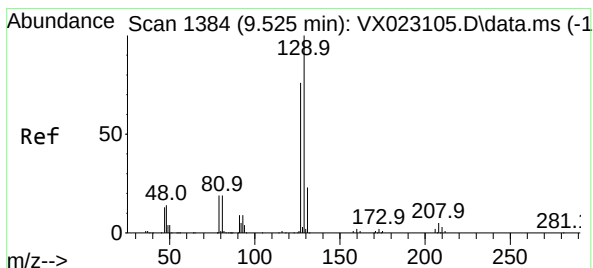
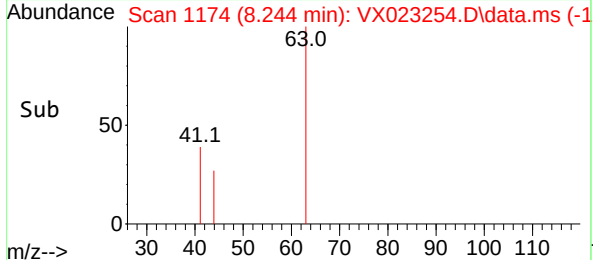
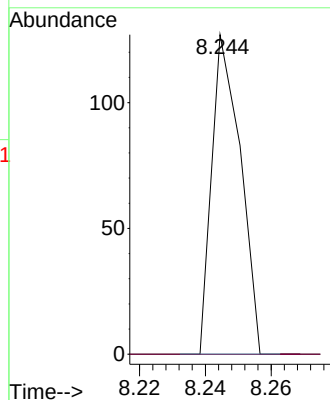
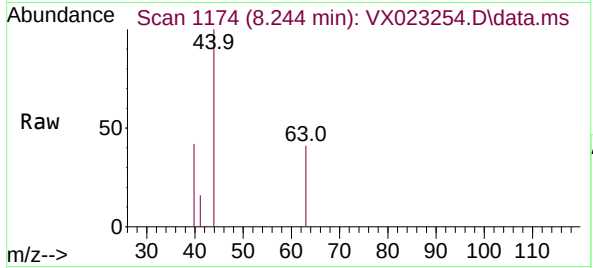




#58
2-Chloroethyl Vinyl ether
Concen: 4.724 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

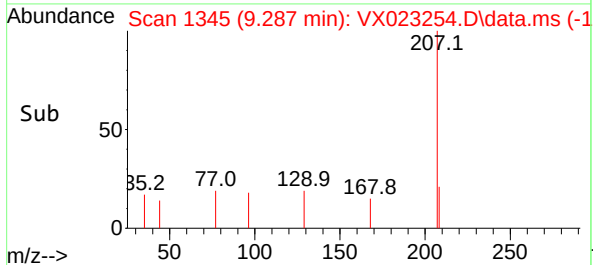
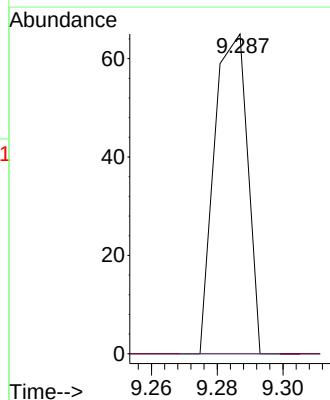
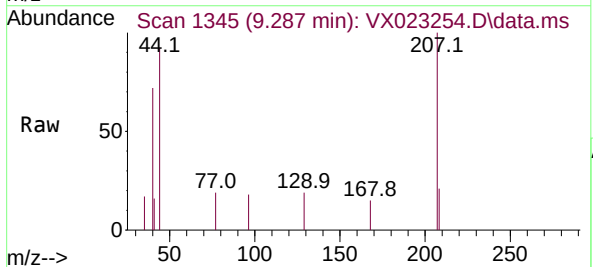
Instrument :
MSVOA_X
ClientSampled :

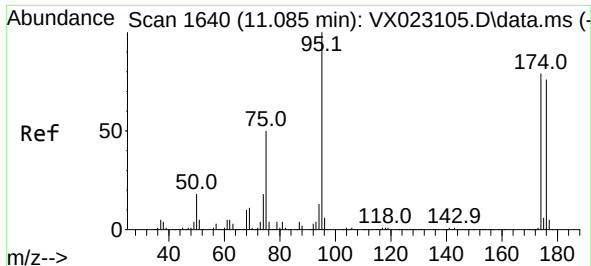
Tgt Ion: 63 Resp: 77
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.127 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 129 Resp: 45
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

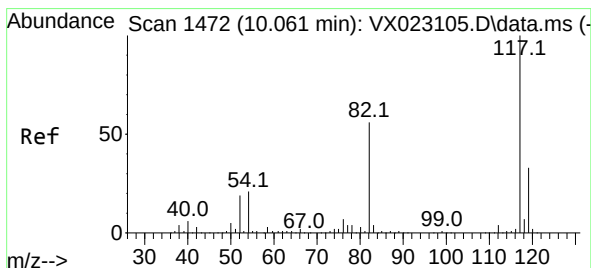
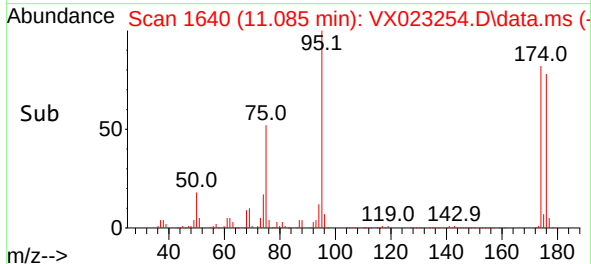
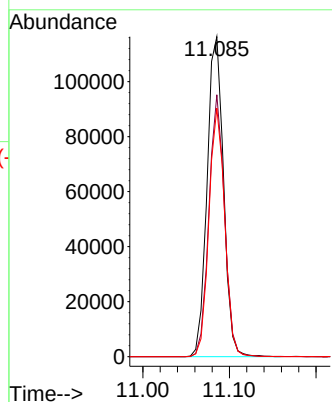
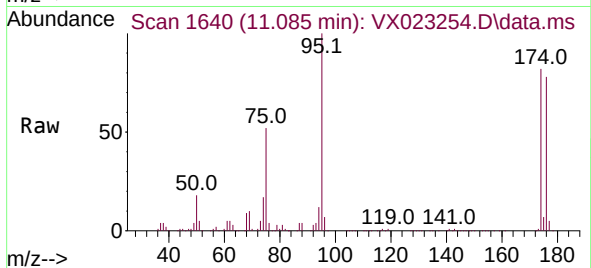




#62
4-Bromofluorobenzene
Concen: 43.961 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

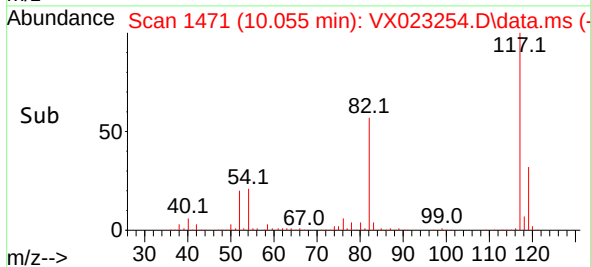
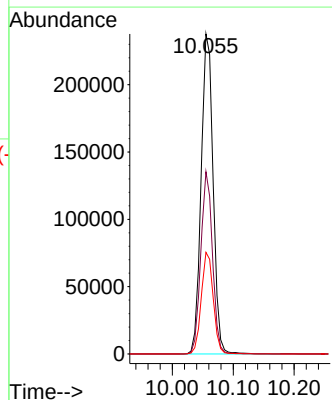
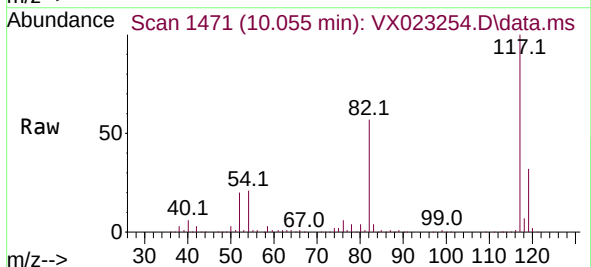
Instrument :
MSVOA_X
ClientSampleId :

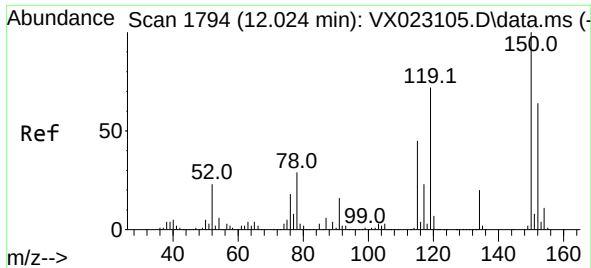
Tgt Ion: 95 Resp: 153033
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 117 Resp: 324322
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.7 26.6 39.8

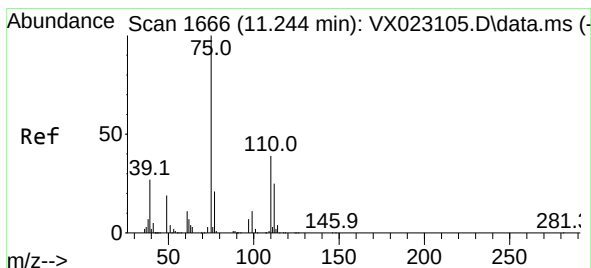
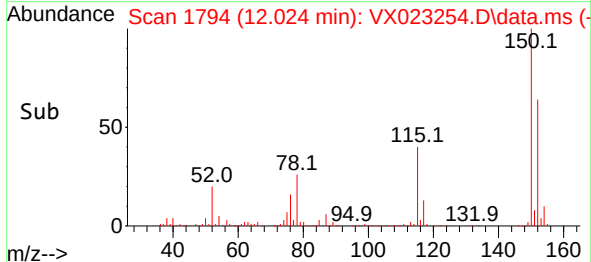
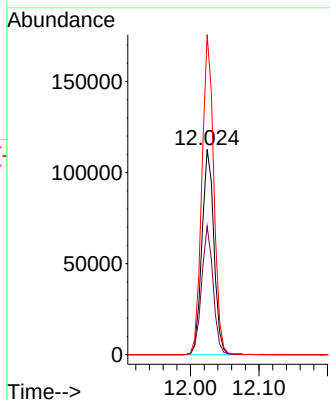
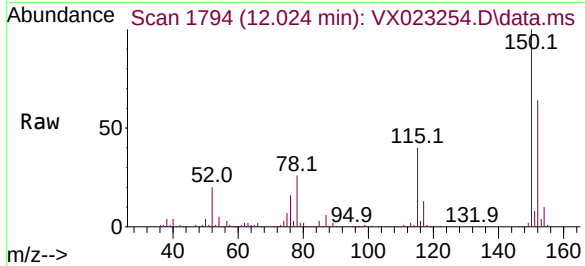




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

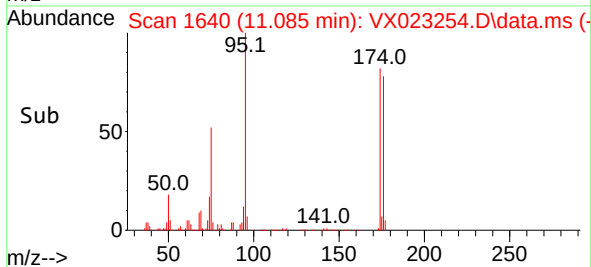
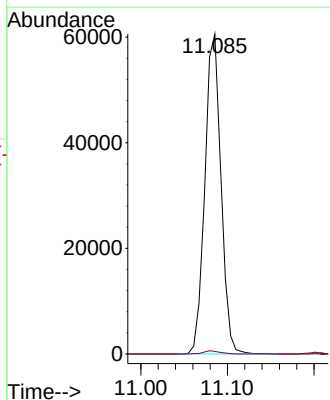
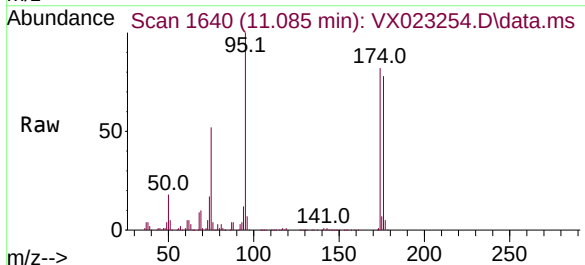
Instrument :
MSVOA_X
ClientSampled :

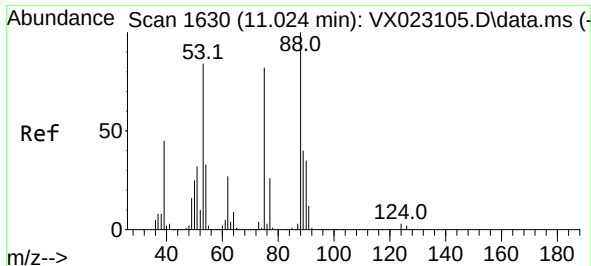
Tgt Ion:152 Resp: 137438
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 154.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.293 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 75 Resp: 78251
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

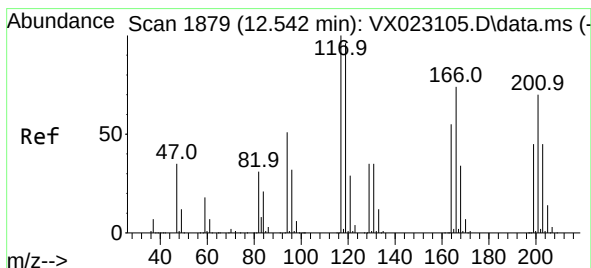
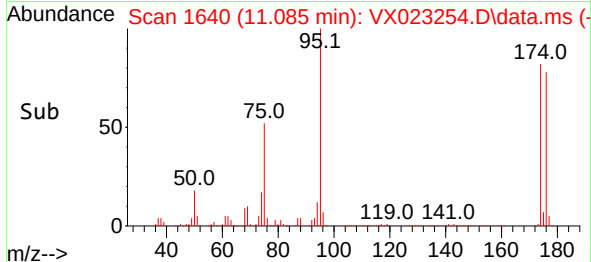
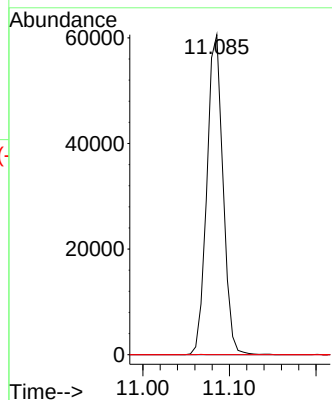
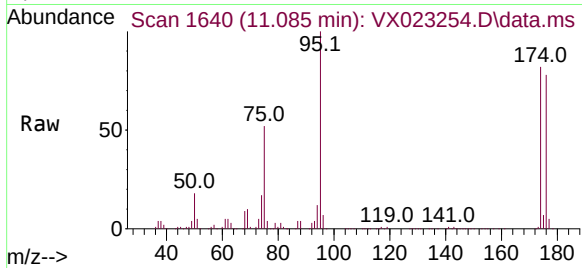




#81
trans-1,4-Dichloro-2-butene
Concen: 76.239 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

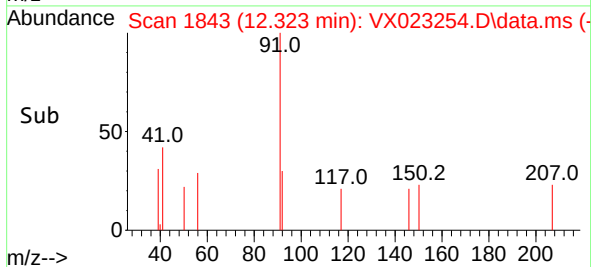
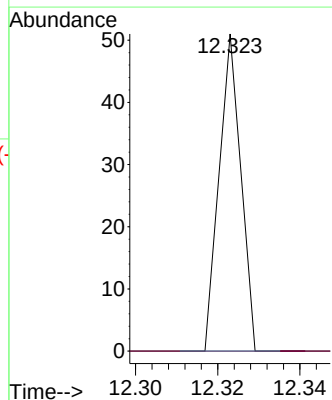
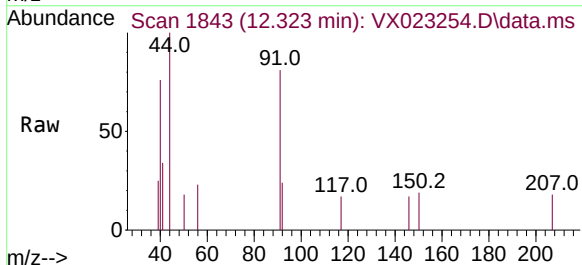
Instrument :
MSVOA_X
ClientSampleId :

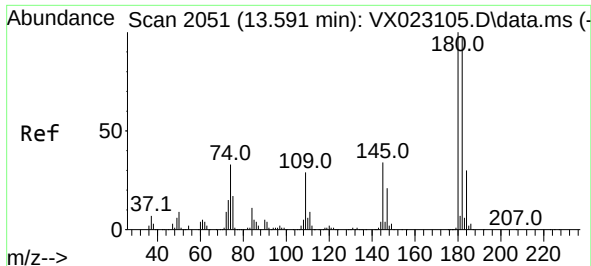
Tgt Ion: 75 Resp: 78251
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 3.008 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.219 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion: 117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

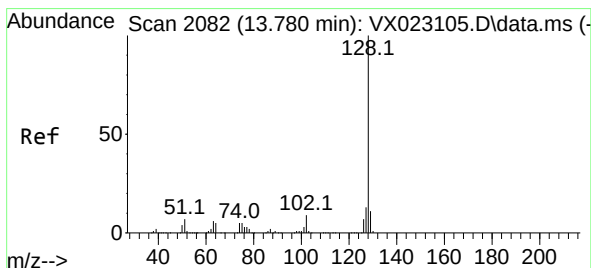
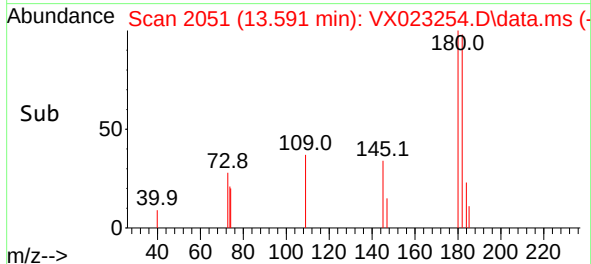
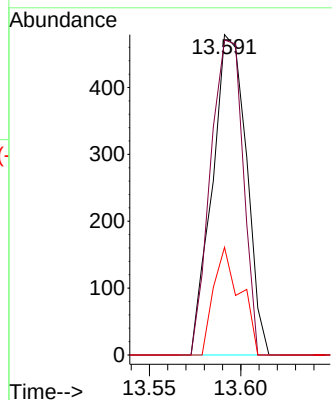
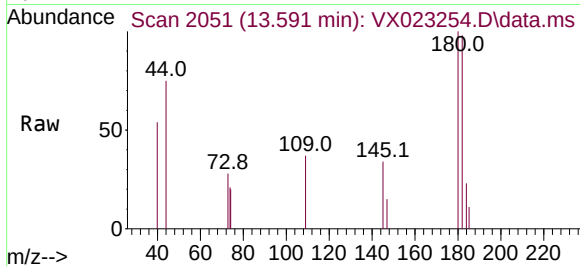




#93
1,2,4-Trichlorobenzene
Concen: 0.224 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:180 Resp: 623
Ion Ratio Lower Upper
180 100
182 93.6 47.7 143.1
145 26.3 15.0 45.0



#95
Naphthalene
Concen: 1.423 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023254.D
Acq: 13 Jul 2021 09:50

Tgt Ion:128 Resp: 1548
Ion Ratio Lower Upper
128 100
127 9.7 10.3 15.5#
129 9.2 8.8 13.2

