

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071221\
 Data File : VX023250.D
 Acq On : 12 Jul 2021 18:32
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:30:26 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)

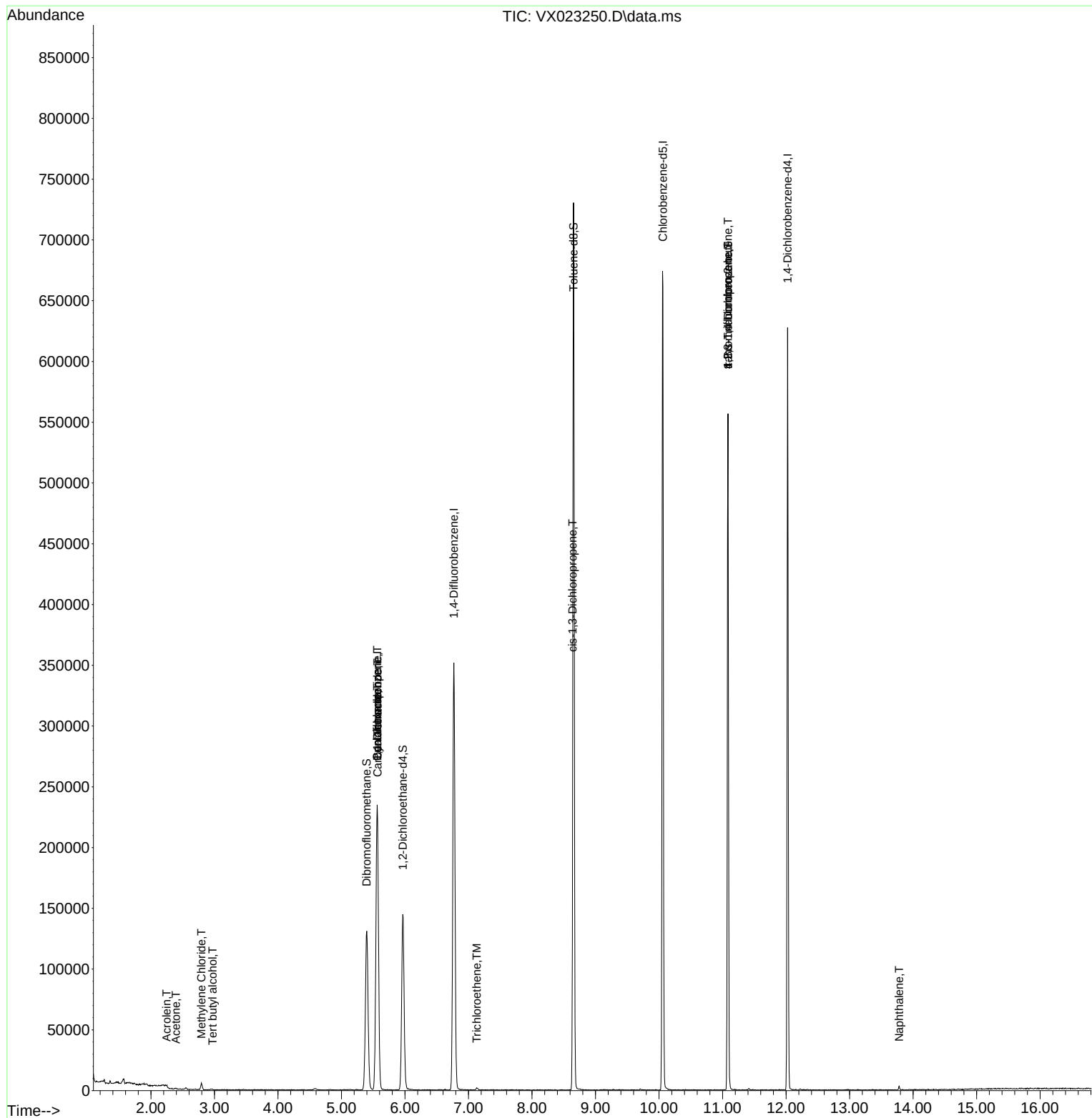
Internal Standards						
1) Pentafluorobenzene	5.562	168	224276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	318448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146747	48.684	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.360%
35) Dibromofluoromethane	5.397	113	114202	49.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	8.653	98	424150	49.065	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.085	95	147282	44.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	364	Below Cal	#	70
11) Tert butyl alcohol	2.971	59	362	0.571	ug/l #	73
13) Acrolein	2.246	56	85	0.201	ug/l #	1
16) Acetone	2.392	43	952	0.798	ug/l	96
20) Methylene Chloride	2.794	84	2256	0.879	ug/l	97
31) Cyclohexane	5.562	56	4689	1.299	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16997	5.313	ug/l #	50
38) Carbon Tetrachloride	5.568	117	22795	6.826	ug/l #	16
44) Trichloroethene	7.129	130	642	0.244	ug/l	88
54) cis-1,3-Dichloropropene	8.641	75	83	2.192	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	75479	30.040	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	75479	80.652	ug/l #	12
95) Naphthalene	13.780	128	2096	1.495	ug/l	95

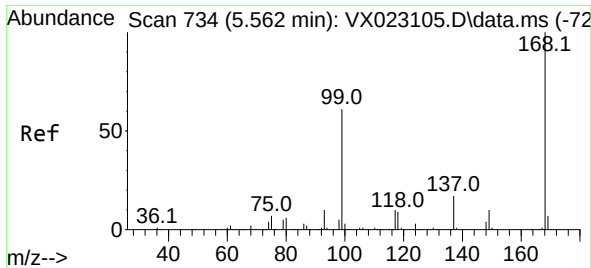
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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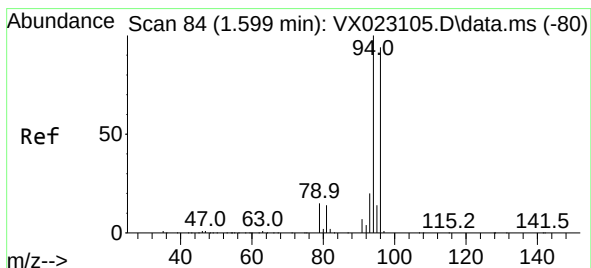
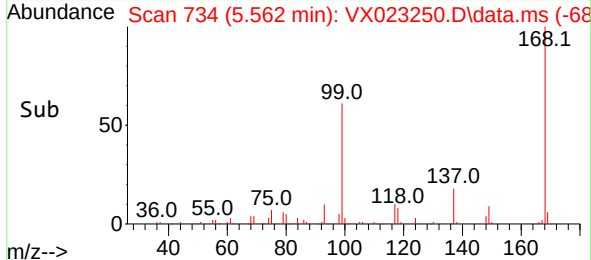
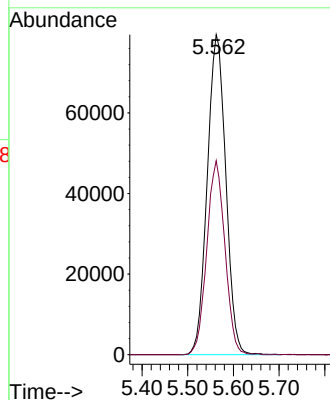
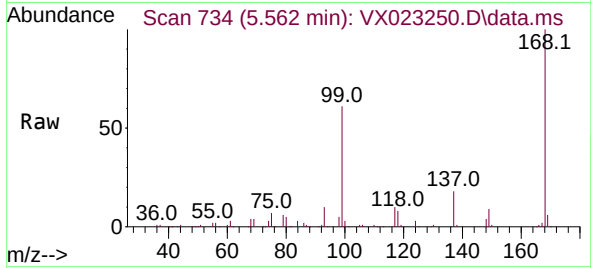




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

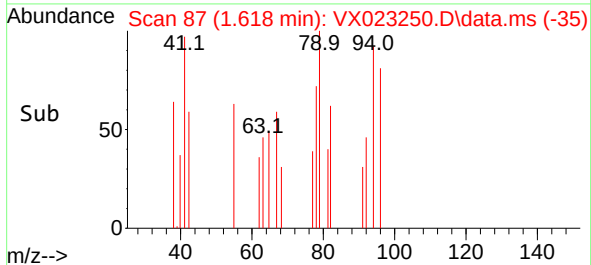
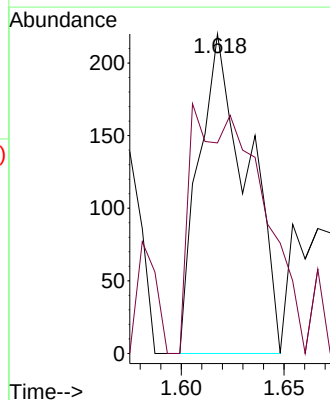
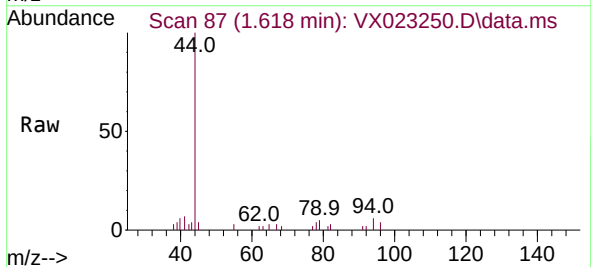
Instrument :
MSVOA_X
ClientSampleId :

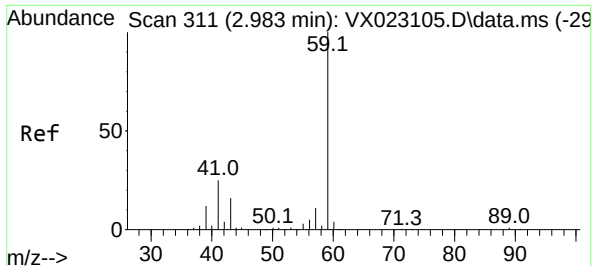
Tgt Ion:168 Resp: 224276
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 65.9 76.4 114.6#



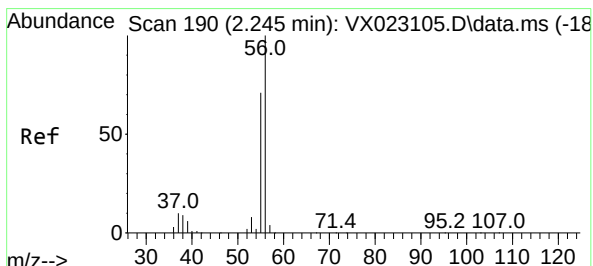
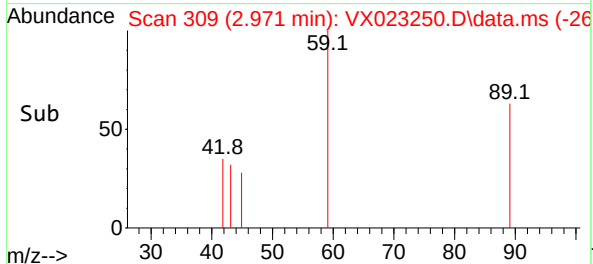
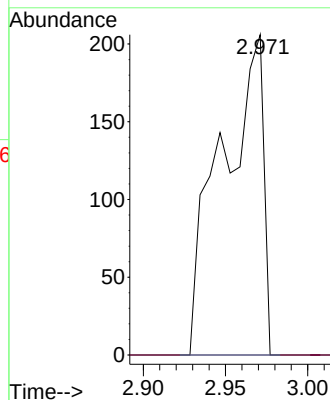
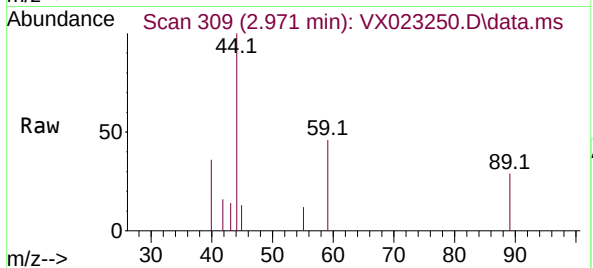


#11

Tert butyl alcohol
Concen: 0.571 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

Instrument :
MSVOA_X
ClientSampled :

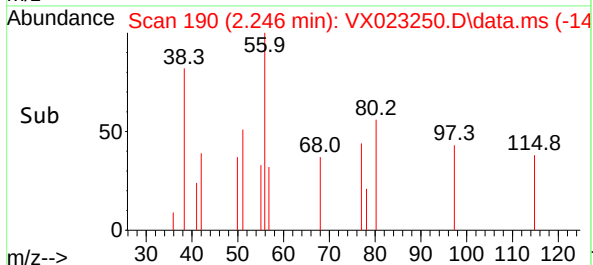
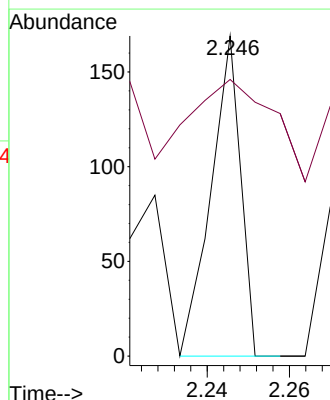
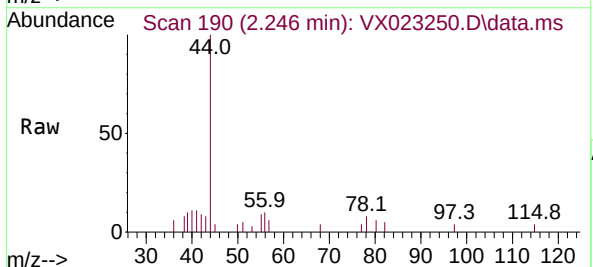
Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

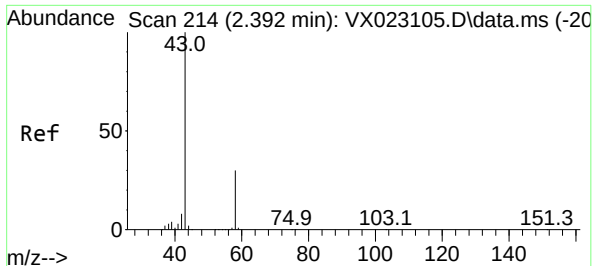


#13

Acrolein
Concen: 0.201 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 358.8 56.4 84.6#

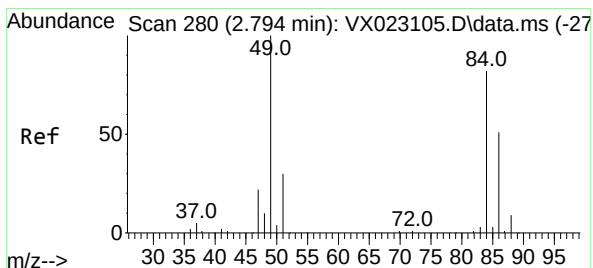
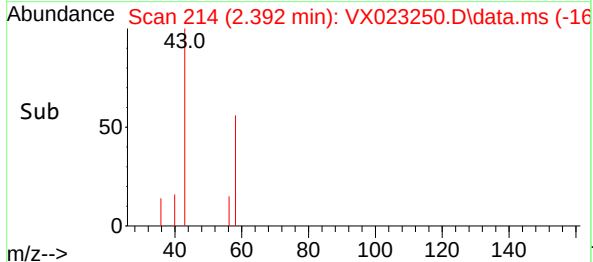
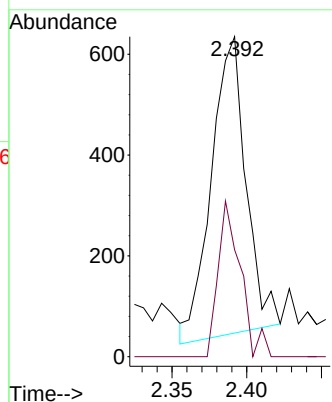
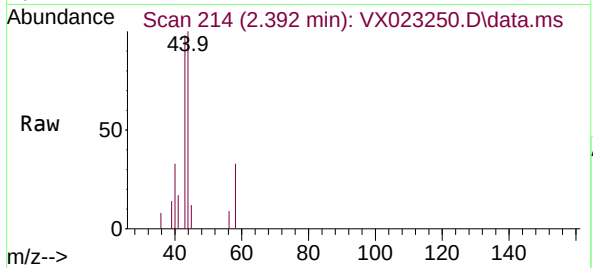




#16
Acetone
Concen: 0.798 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

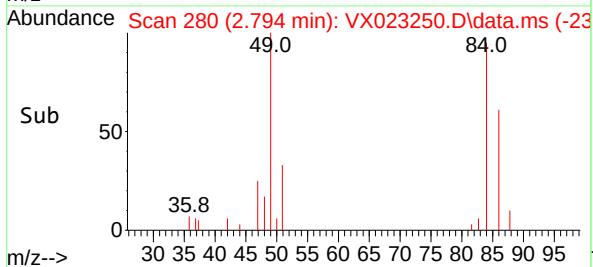
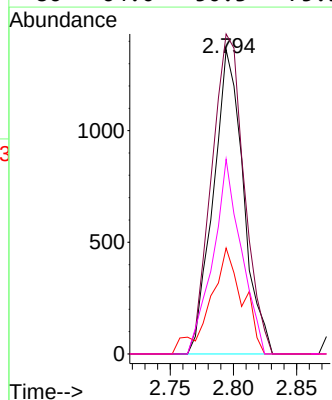
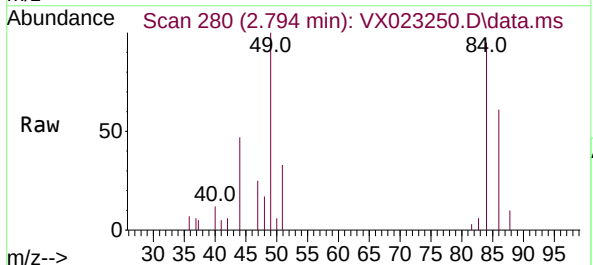
Instrument :
MSVOA_X
ClientSampled :

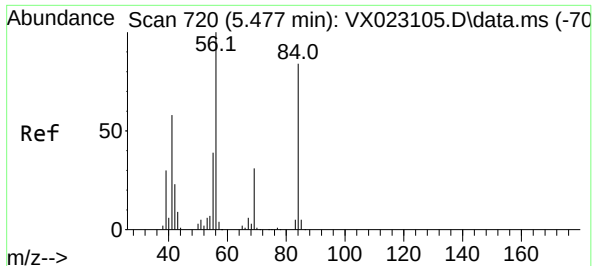
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 37.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.879 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

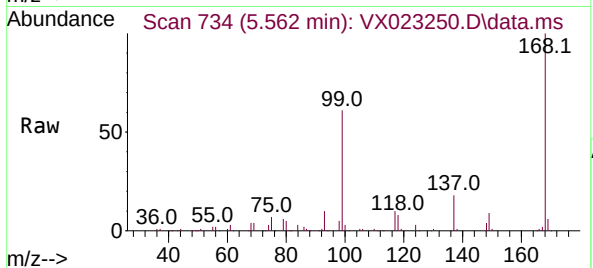
Tgt Ion: 84 Resp: 2256
Ion Ratio Lower Upper
84 100
49 105.2 88.6 132.8
51 34.8 27.0 40.6
86 64.0 50.3 75.5



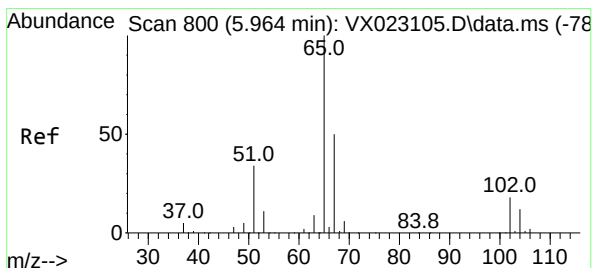
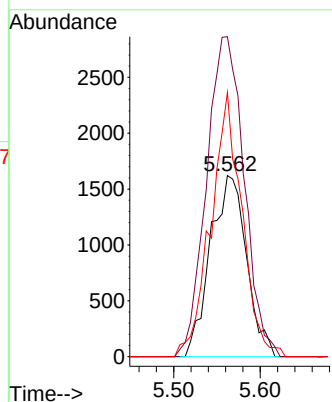
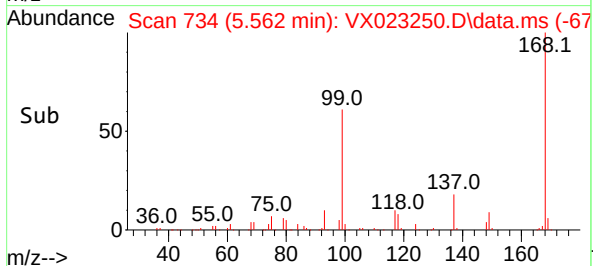


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

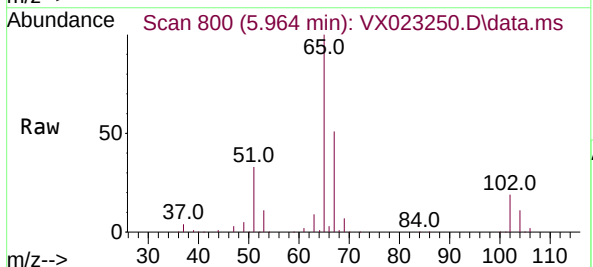
Instrument :
MSVOA_X
ClientSampled :



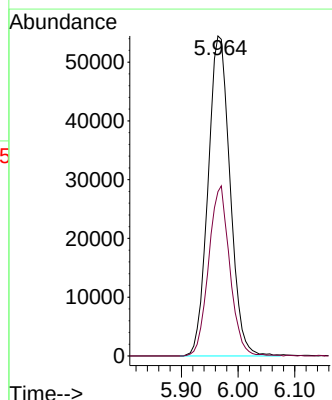
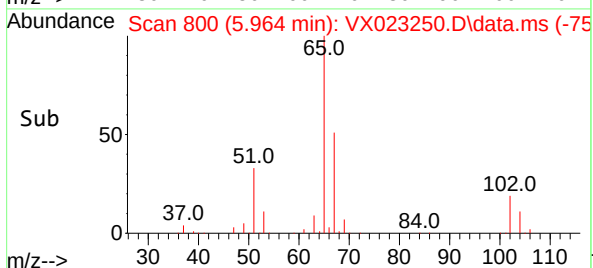
Tgt Ion: 56 Resp: 4689
Ion Ratio Lower Upper
56 100
69 176.7 25.3 37.9#
84 141.3 71.4 107.0#

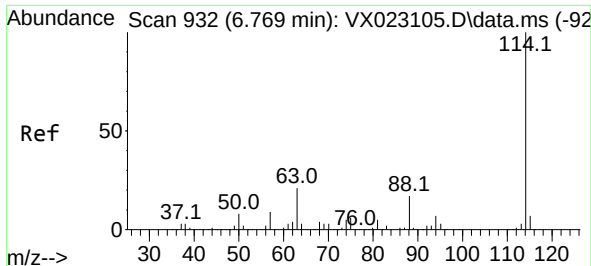


#33
1,2-Dichloroethane-d4
Concen: 48.684 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32



Tgt Ion: 65 Resp: 146747
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

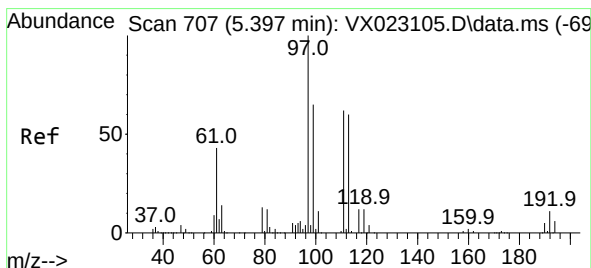
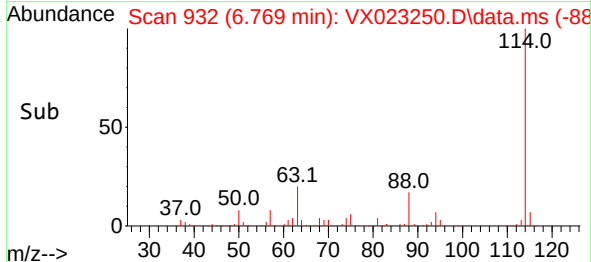
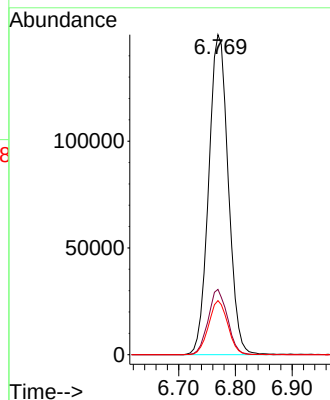
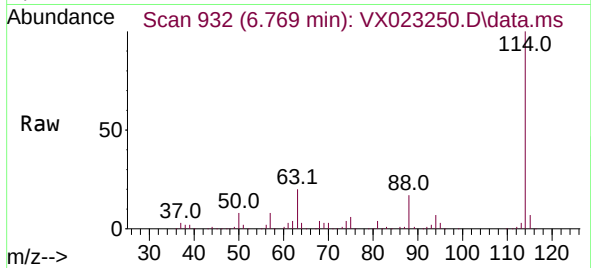




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

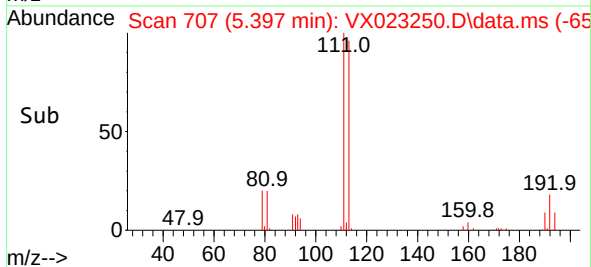
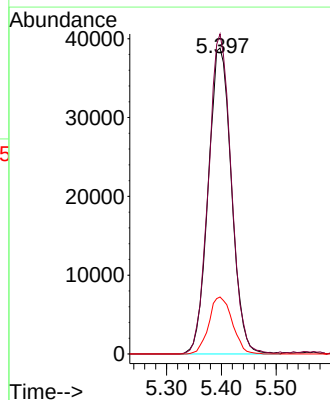
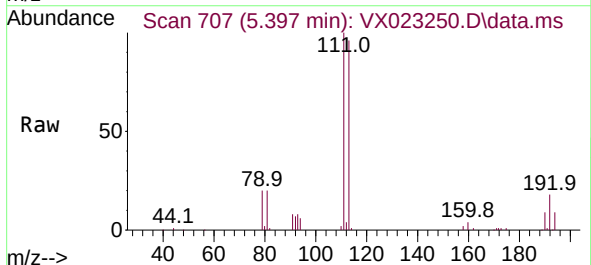
Instrument :
MSVOA_X
ClientSampled :

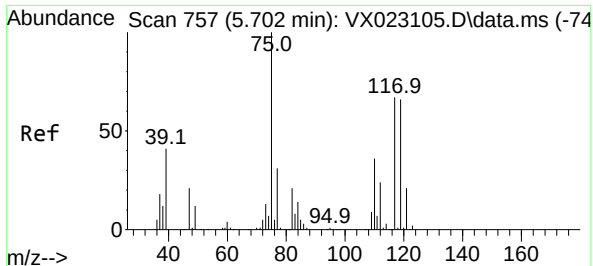
Tgt Ion:114 Resp: 358874
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

Tgt Ion:113 Resp: 114202
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.313 ug/l

RT: 5.562 min Scan# 734

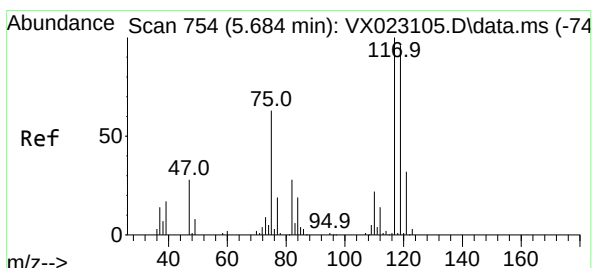
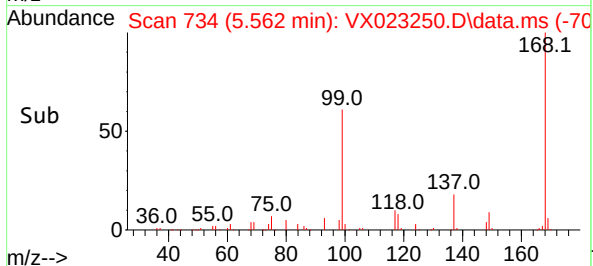
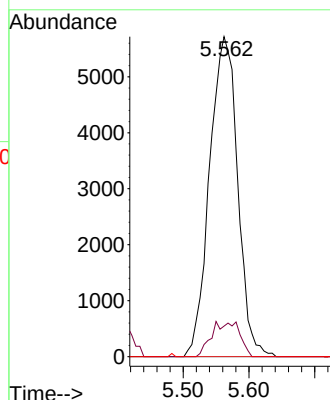
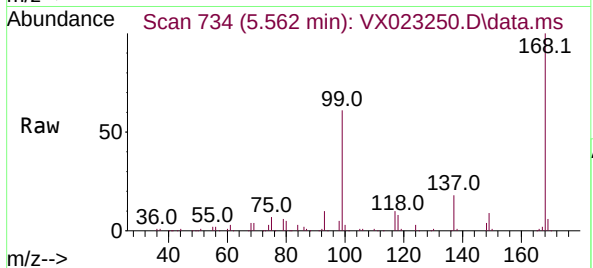
Delta R.T. -0.140 min

Lab File: VX023250.D

Acq: 12 Jul 2021 18:32

Tgt Ion: 75	Resp: 16997
Ion Ratio	Lower Upper
75 100	
110 10.9	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.826 ug/l

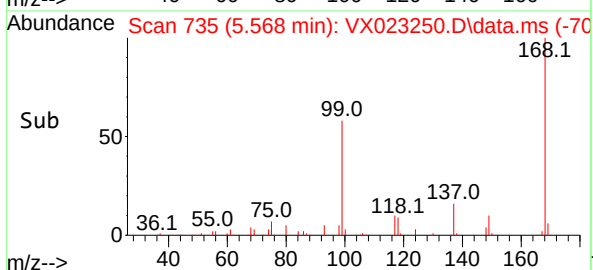
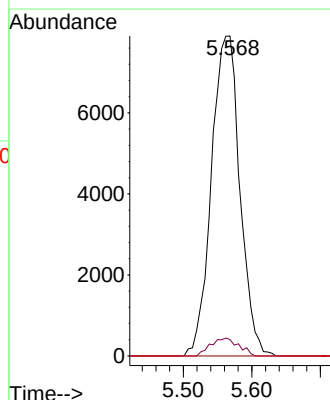
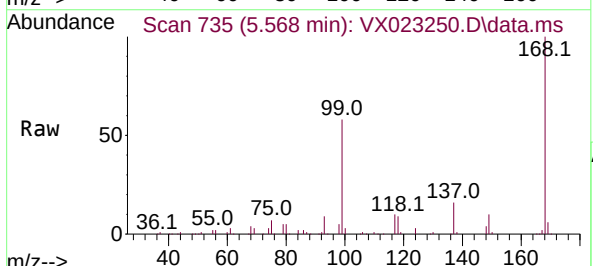
RT: 5.568 min Scan# 735

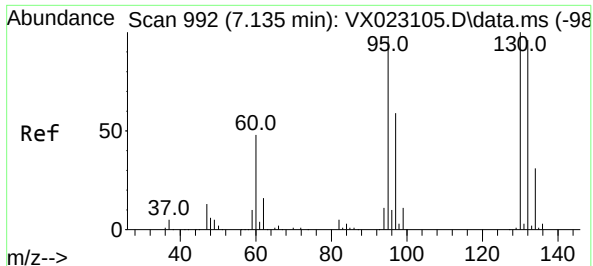
Delta R.T. -0.116 min

Lab File: VX023250.D

Acq: 12 Jul 2021 18:32

Tgt Ion: 117	Resp: 22795
Ion Ratio	Lower Upper
117 100	
119 5.2	76.2 114.2#
121 0.0	24.8 37.2#

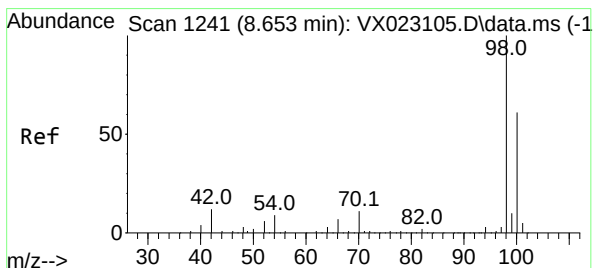
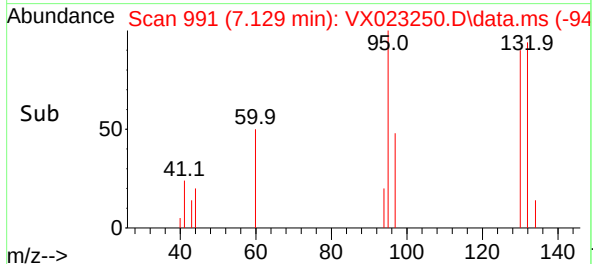
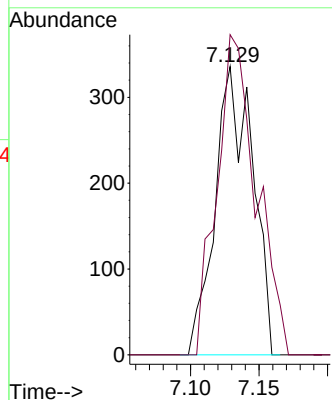
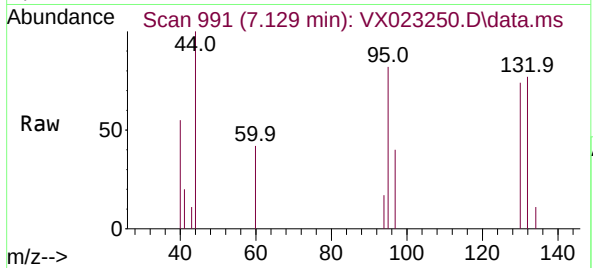




#44
Trichloroethene
Concen: 0.244 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

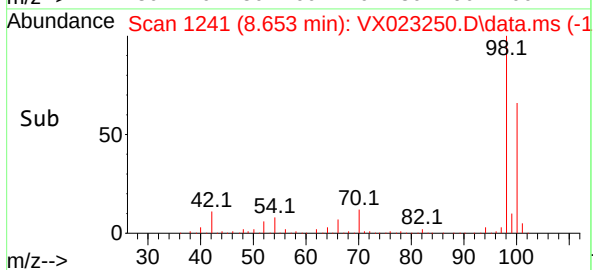
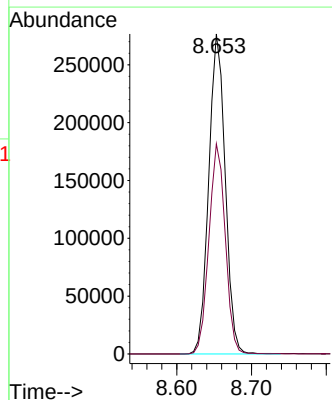
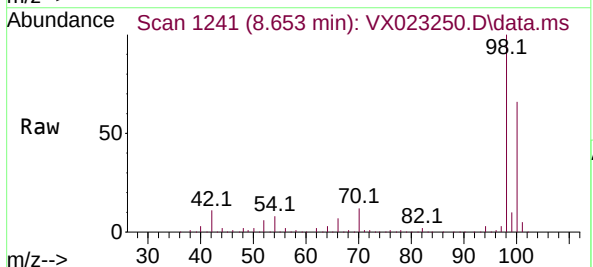
Instrument :
MSVOA_X
ClientSampled :

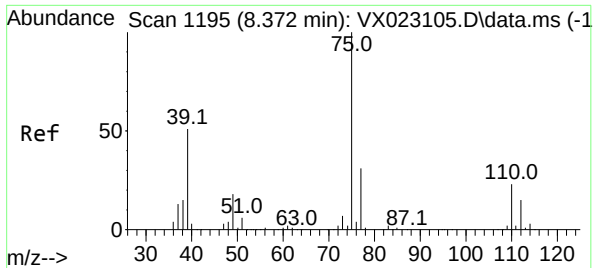
Tgt Ion:130 Resp: 642
Ion Ratio Lower Upper
130 100
95 111.0 0.0 198.0



#50
Toluene-d8
Concen: 49.065 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

Tgt Ion: 98 Resp: 424150
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

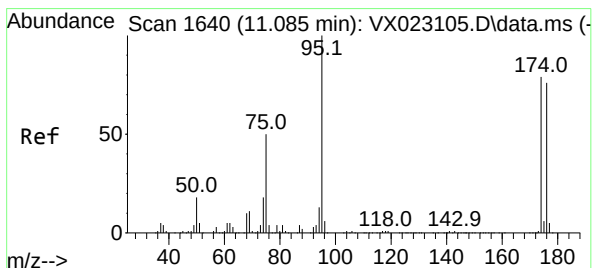
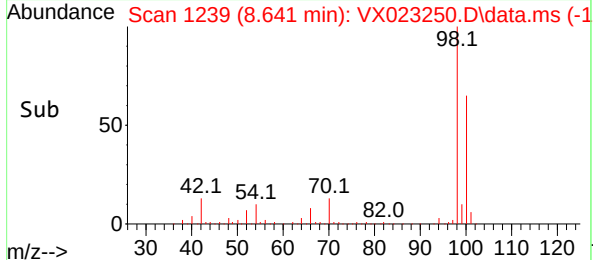
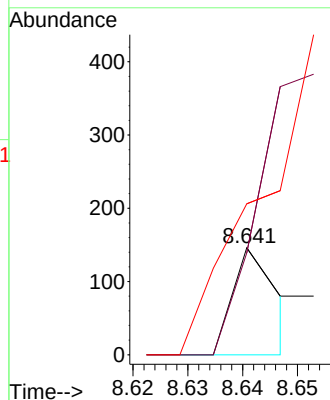
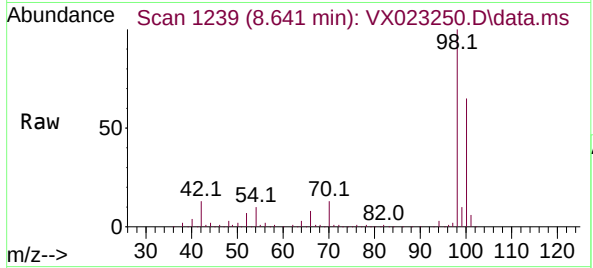




#54
 cis-1,3-Dichloropropene
 Concen: 2.192 ug/l
 RT: 8.641 min Scan# 1239
 Delta R.T. 0.269 min
 Lab File: VX023250.D
 Acq: 12 Jul 2021 18:32

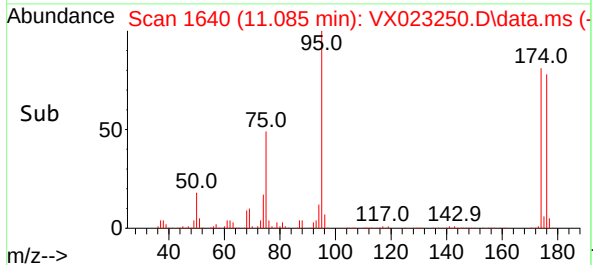
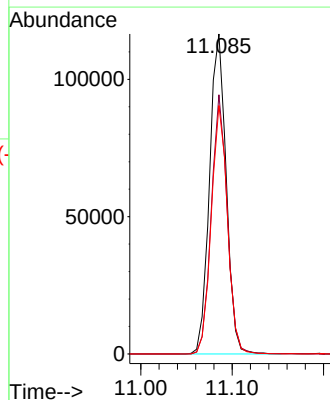
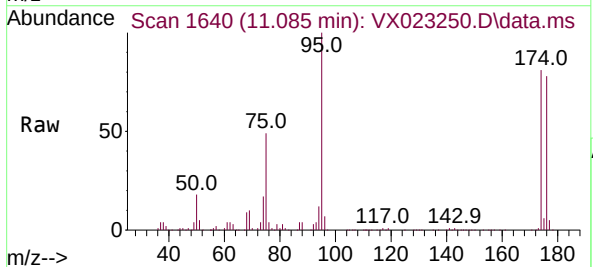
Instrument :
 MSVOA_X
 ClientSampled :

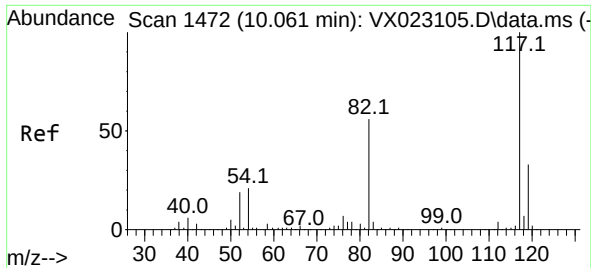
Tgt Ion: 75	Resp: 83
Ion Ratio	Lower Upper
75 100	
77 95.2	25.7 38.5#
39 141.1	35.1 52.7#



#62
 4-Bromofluorobenzene
 Concen: 44.132 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX023250.D
 Acq: 12 Jul 2021 18:32

Tgt Ion: 95	Resp: 147282
Ion Ratio	Lower Upper
95 100	
174 77.7	0.0 154.6
176 75.4	0.0 155.8

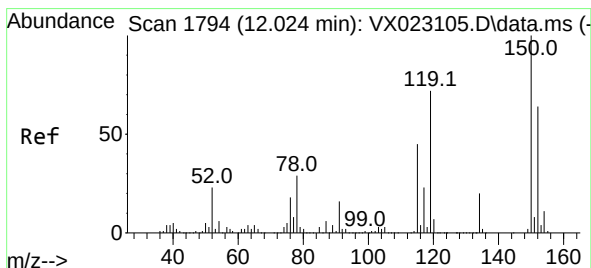
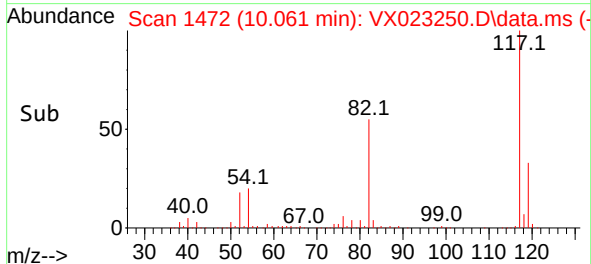
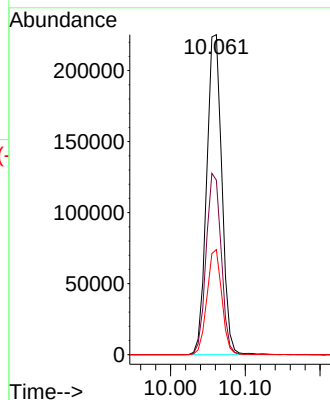
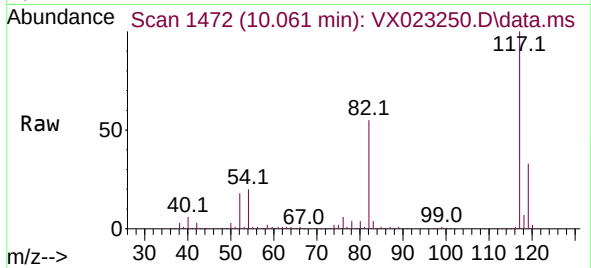




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

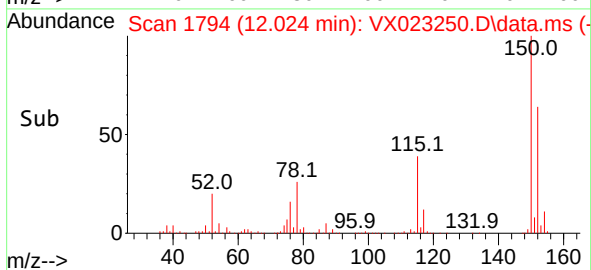
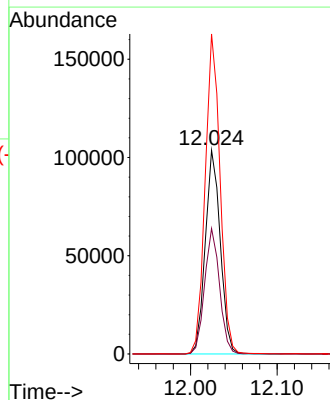
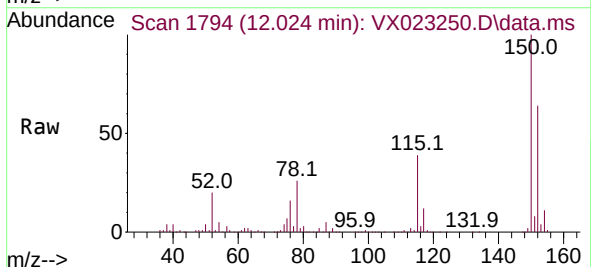
Instrument :
MSVOA_X
ClientSampleId :

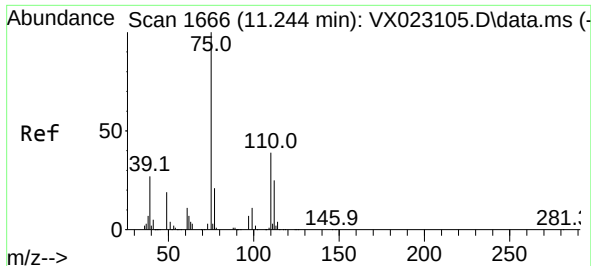
Tgt Ion:117 Resp: 318448
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

Tgt Ion:152 Resp: 124860
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 155.6 0.0 349.0

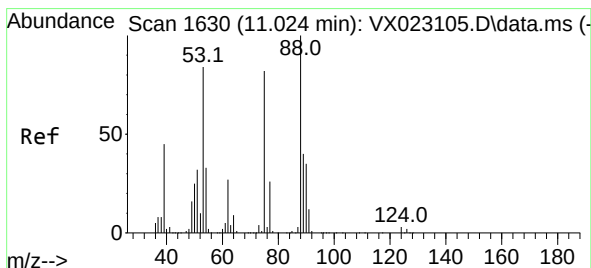
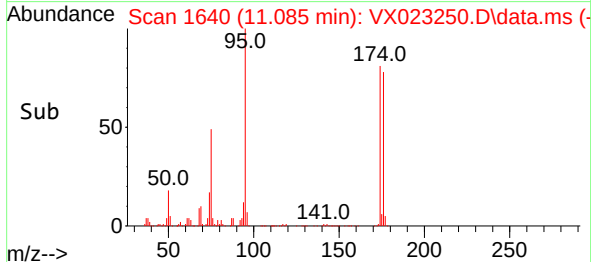
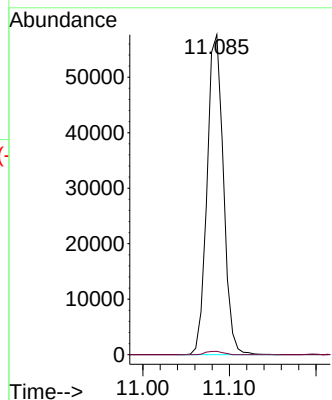
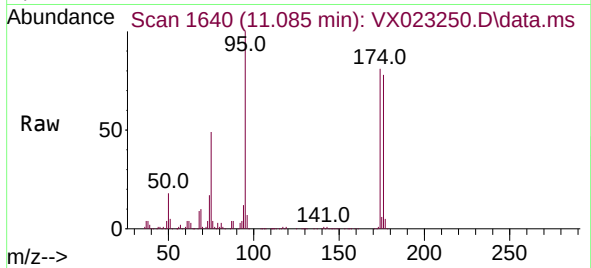




#76
1,2,3-Trichloropropane
Concen: 30.040 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

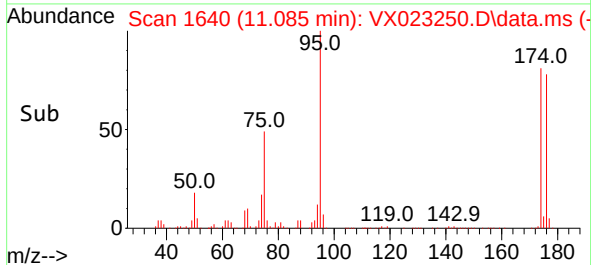
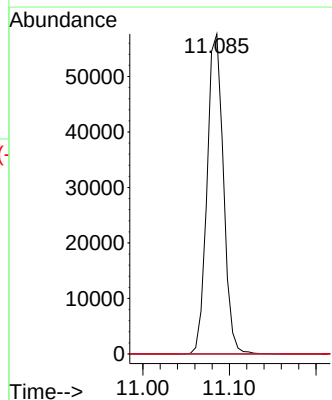
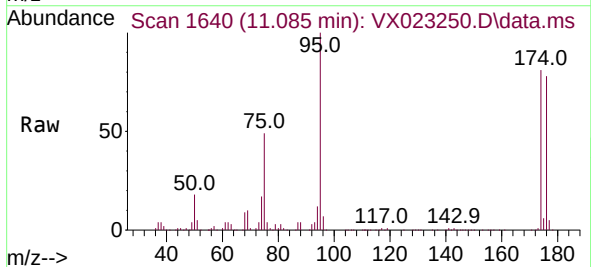
Instrument :
MSVOA_X
ClientSampled :

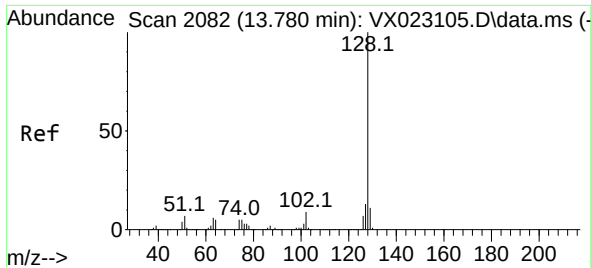
Tgt Ion: 75 Resp: 75479
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.652 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

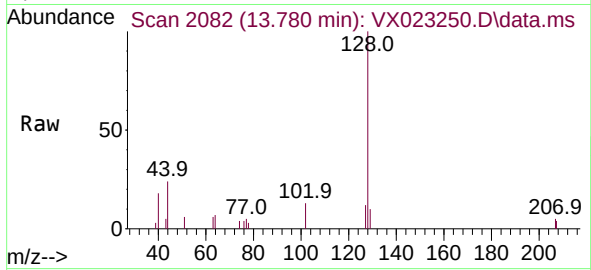
Tgt Ion: 75 Resp: 75479
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.495 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023250.D
Acq: 12 Jul 2021 18:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	2096
Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.3	15.5
129	9.8	8.8	13.2

