

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023323.D
 Acq On : 16 Jul 2021 13:32
 Operator : JC/MD
 Sample : M3076-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 17 02:09:11 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)

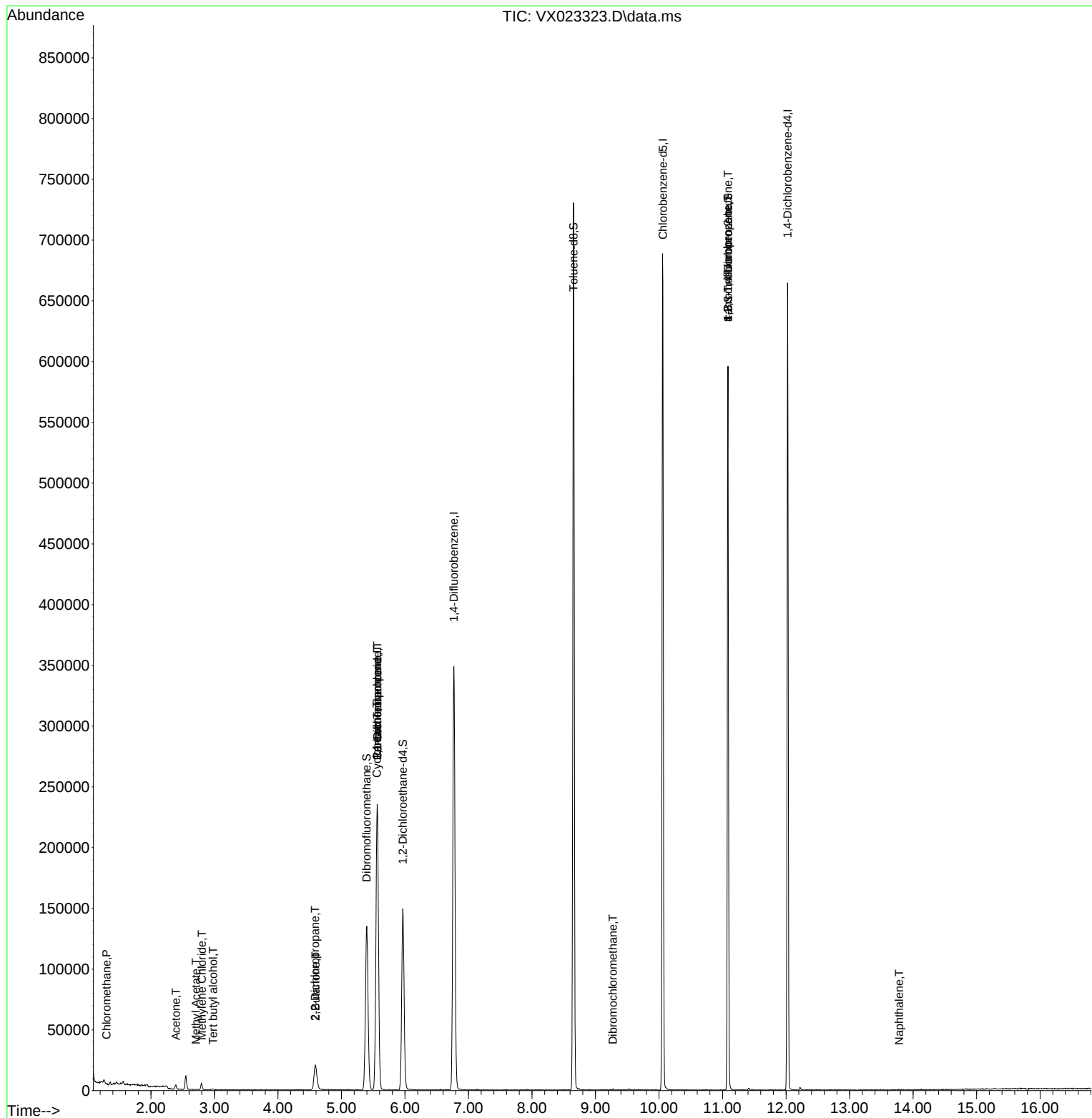
Internal Standards						
1) Pentafluorobenzene	5.562	168	217473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	355241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	314732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151231	51.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.480%	
35) Dibromofluoromethane	5.397	113	114963	50.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.220%	
50) Toluene-d8	8.653	98	418588	48.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	11.085	95	153627	46.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	544	0.279	ug/l #	72
5) Bromomethane	1.587	94	33	Below Cal	#	2
11) Tert butyl alcohol	2.977	59	500	0.813	ug/l #	91
16) Acetone	2.392	43	4251	3.676	ug/l #	85
18) Methyl Acetate	2.709	43	642	0.229	ug/l #	47
20) Methylene Chloride	2.800	84	2220	0.892	ug/l #	95
25) 2-Butanone	4.593	43	1676	0.961	ug/l #	45
26) 2,2-Dichloropropane	4.587	77	1844	0.548	ug/l #	52
31) Cyclohexane	5.556	56	4744	1.356	ug/l #	21
36) 1,1-Dichloropropene	5.562	75	17050	5.384	ug/l #	50
38) Carbon Tetrachloride	5.562	117	22498	6.806	ug/l #	16
60) Dibromochloromethane	9.275	129	131	3.157	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	80874	29.449	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	80874	79.159	ug/l #	12
95) Naphthalene	13.780	128	137	1.289	ug/l #	69

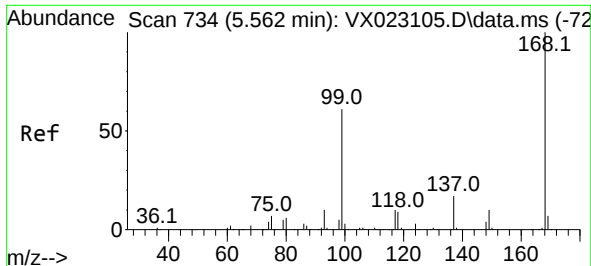
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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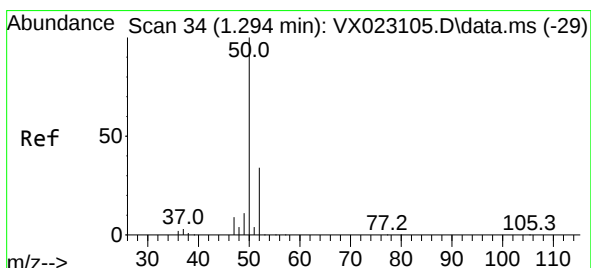
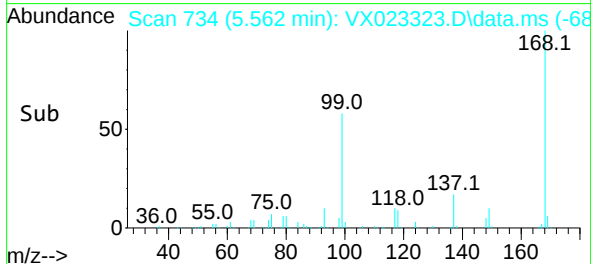
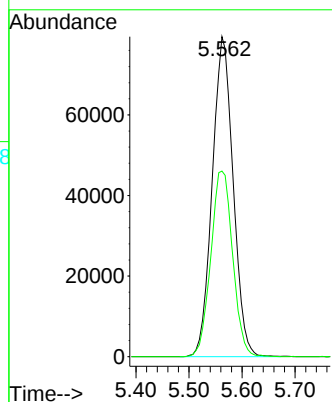
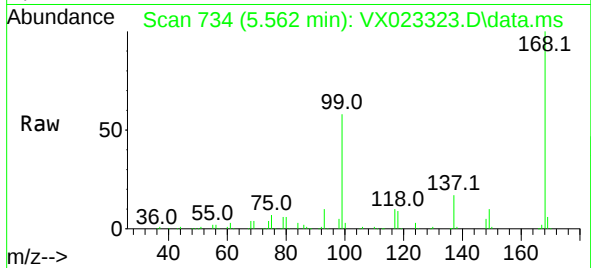




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

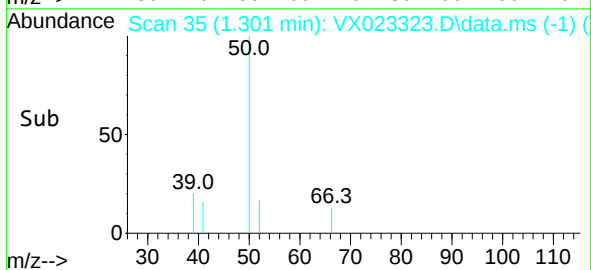
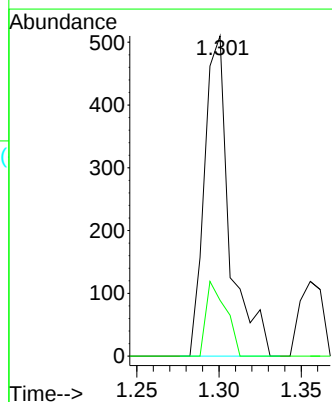
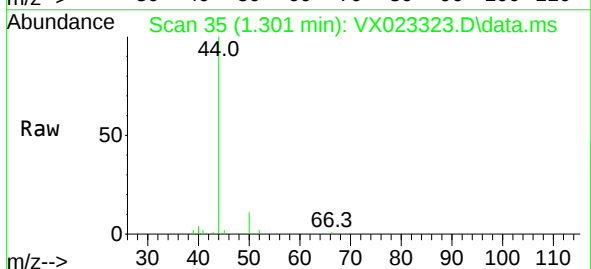
Instrument :
MSVOA_X
ClientSampleId :

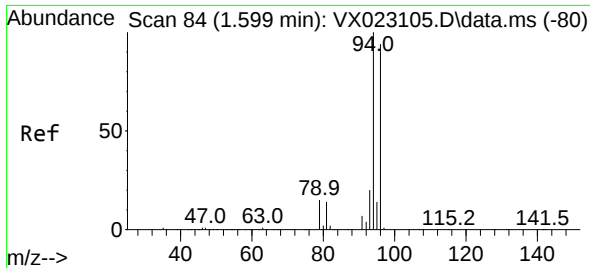
Tgt Ion:168 Resp: 217473
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 17.5 26.4 39.6#

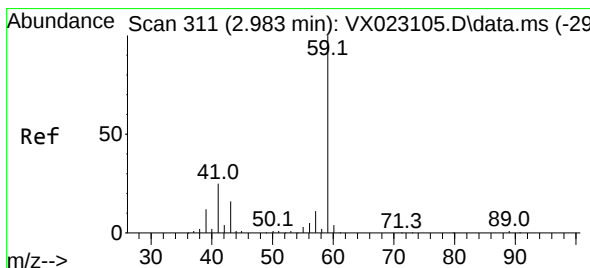
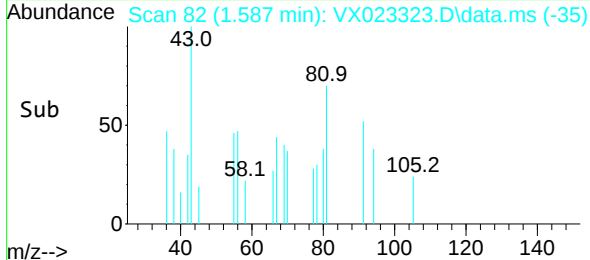
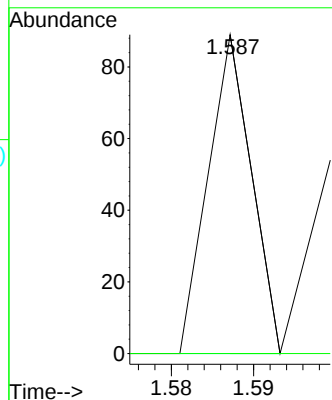
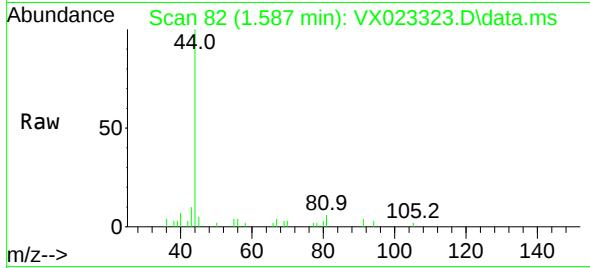




#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

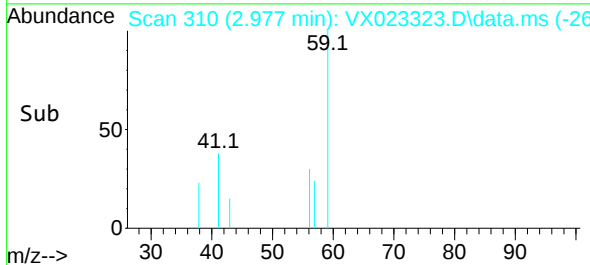
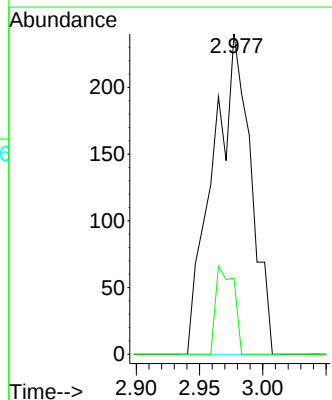
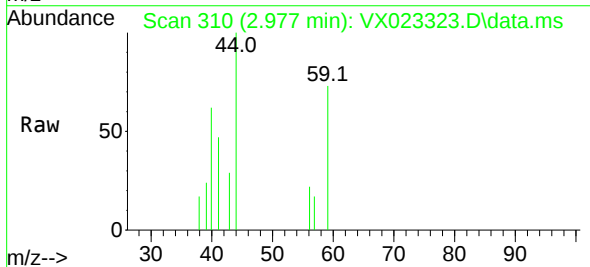
Instrument :
MSVOA_X
ClientSampleId :

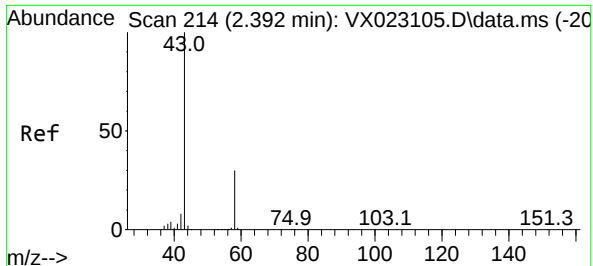
Tgt Ion: 94 Resp: 33
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.813 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 13.0 7.8 11.8#





#16

Acetone

Concen: 3.676 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX023323.D

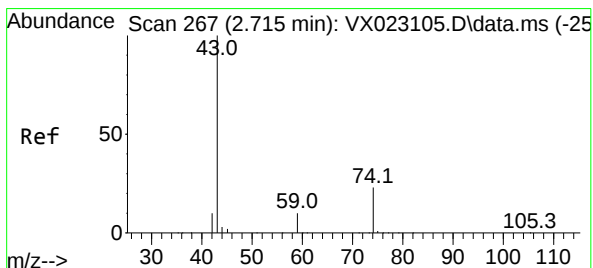
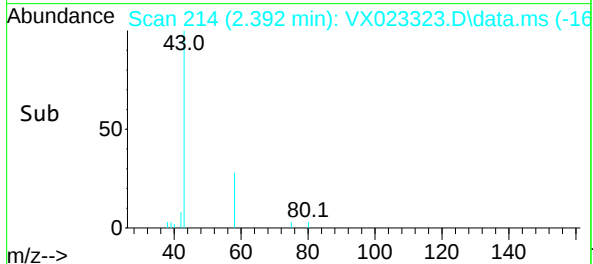
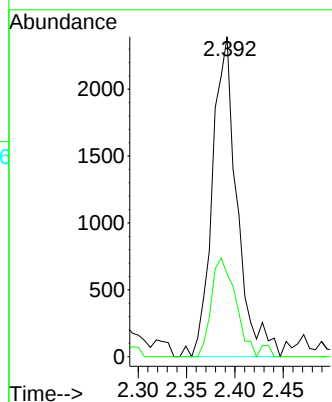
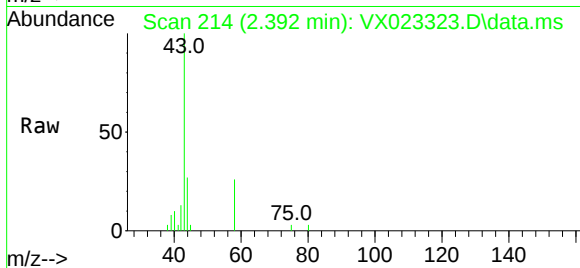
Acq: 16 Jul 2021 13:32

Tgt Ion: 43 Resp: 4251

Ion Ratio Lower Upper

43 100

58 25.9 27.8 41.8#



#18

Methyl Acetate

Concen: 0.229 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX023323.D

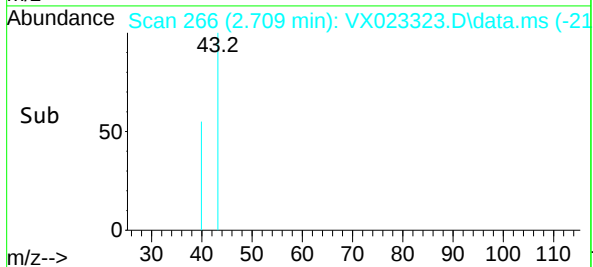
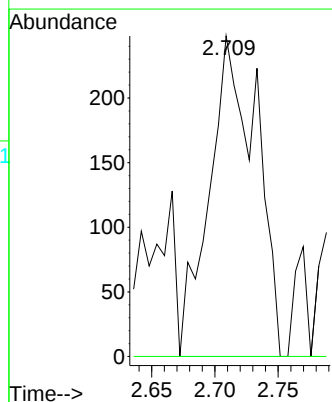
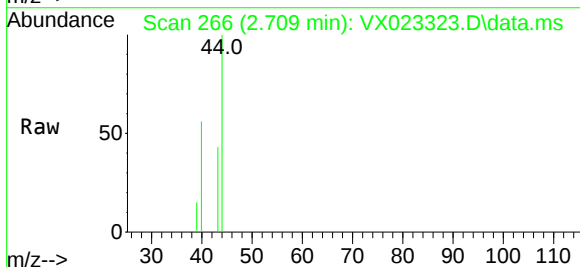
Acq: 16 Jul 2021 13:32

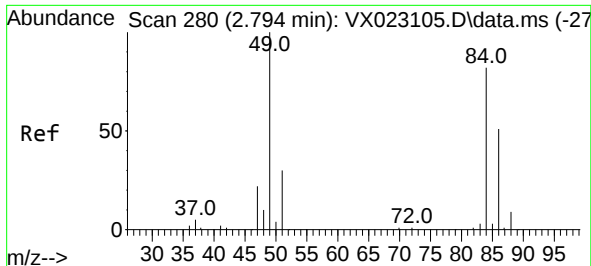
Tgt Ion: 43 Resp: 642

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.892 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX023323.D

Acq: 16 Jul 2021 13:32

Tgt Ion: 84 Resp: 2220

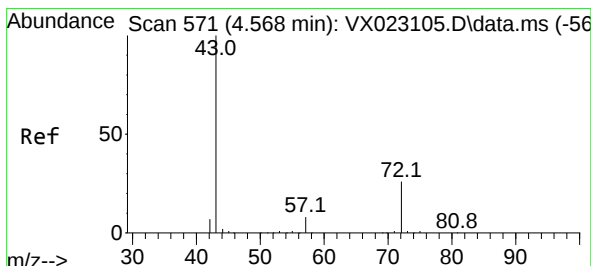
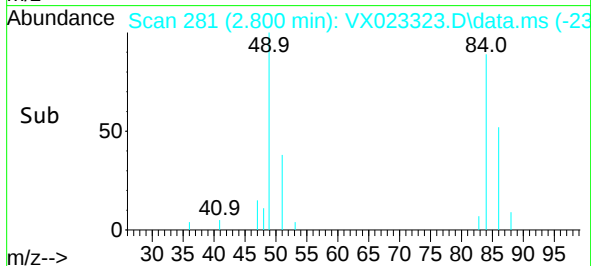
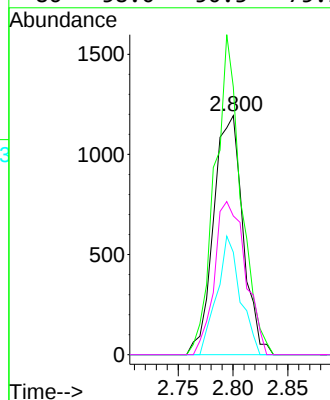
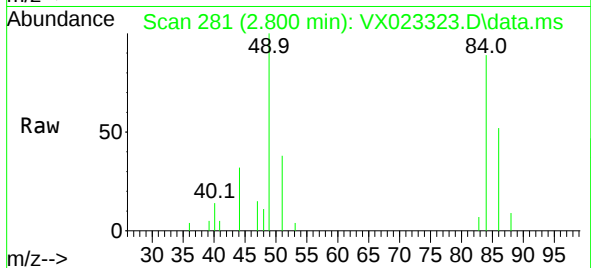
Ion Ratio Lower Upper

84 100

49 112.0 88.6 132.8

51 42.8 27.0 40.6#

86 58.0 50.3 75.5



#25

2-Butanone

Concen: 0.961 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX023323.D

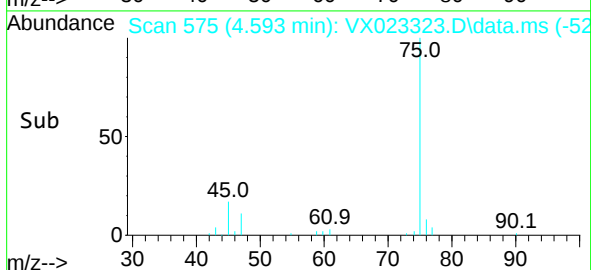
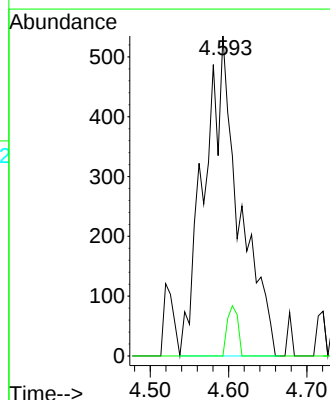
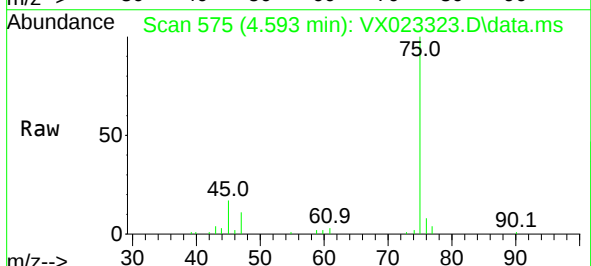
Acq: 16 Jul 2021 13:32

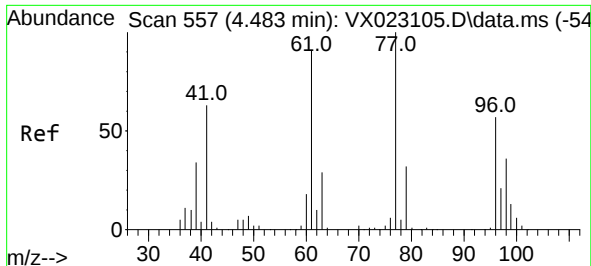
Tgt Ion: 43 Resp: 1676

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

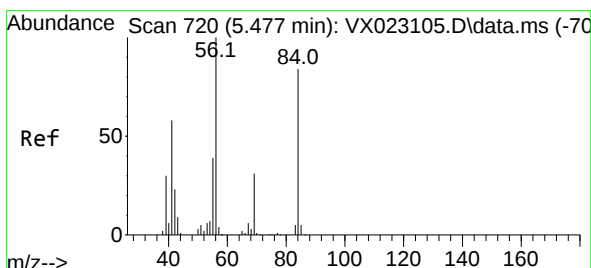
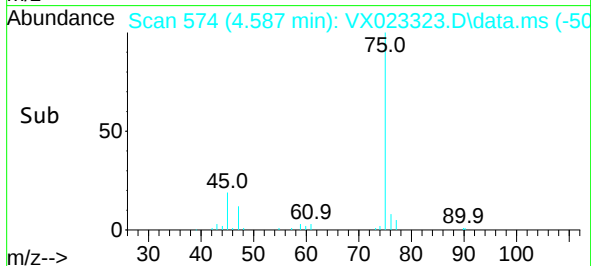
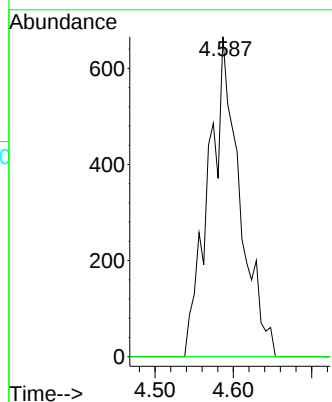
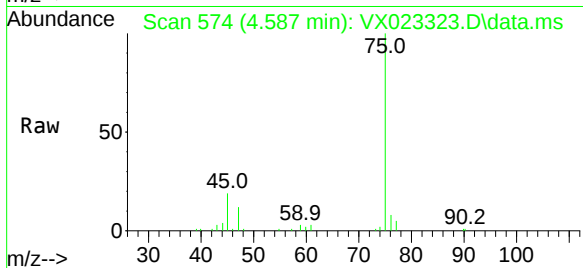




#26
2,2-Dichloropropane
Concen: 0.548 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.104 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

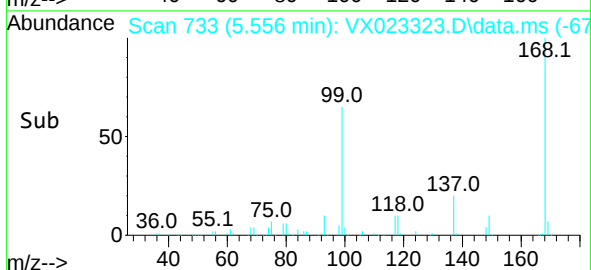
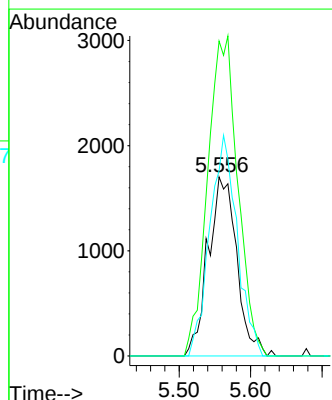
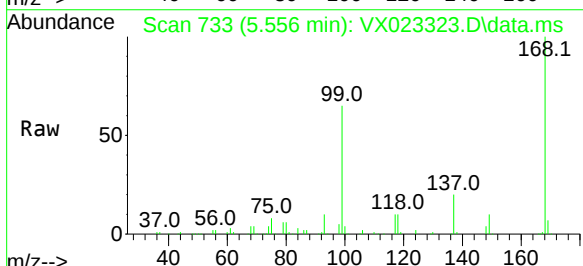
Instrument :
MSVOA_X
ClientSampleId :

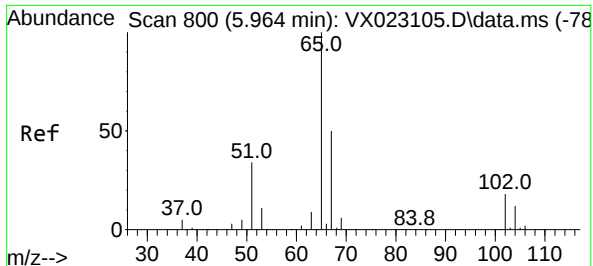
Tgt Ion: 77 Resp: 1844
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Tgt Ion: 56 Resp: 4744
Ion Ratio Lower Upper
56 100
69 175.8 25.3 37.9#
84 103.4 71.4 107.0

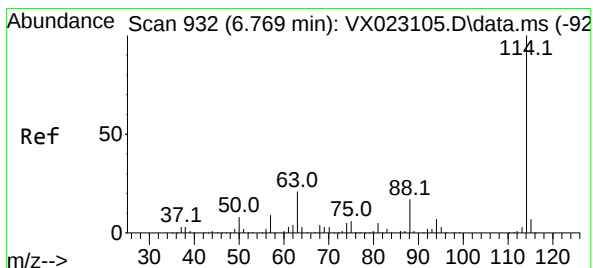
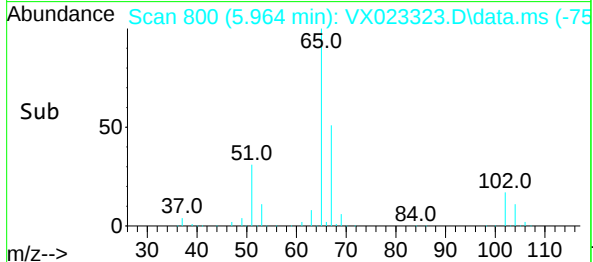
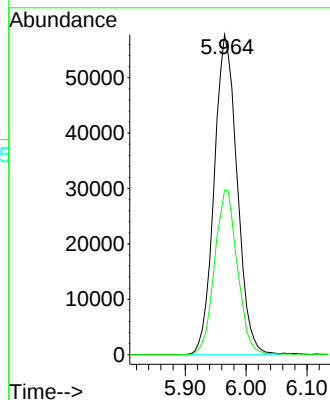
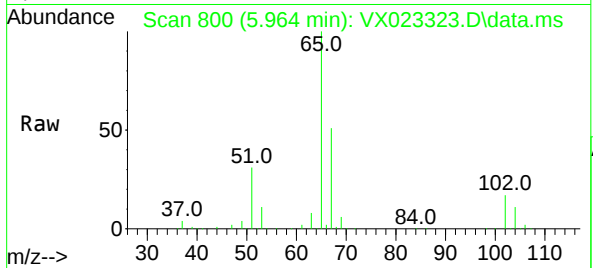




#33
 1,2-Dichloroethane-d4
 Concen: 51.741 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023323.D
 Acq: 16 Jul 2021 13:32

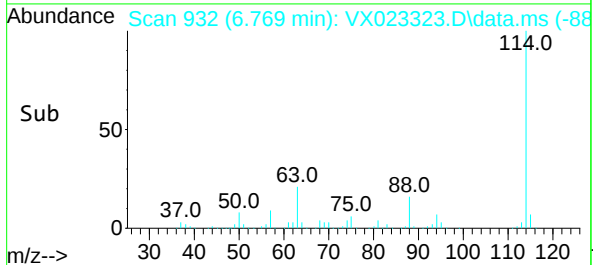
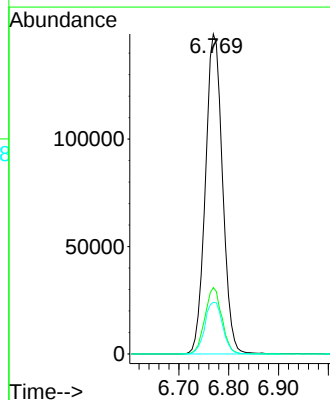
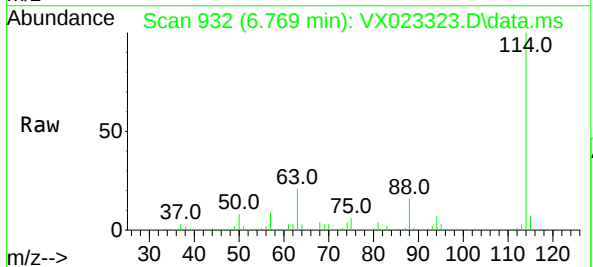
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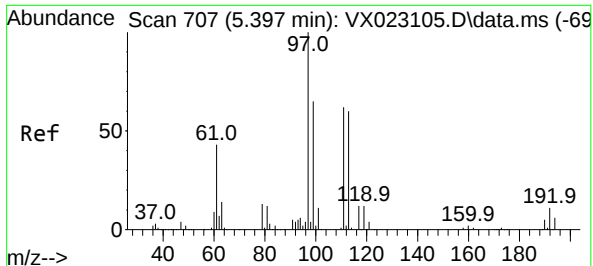
Tgt Ion: 65 Resp: 151231
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023323.D
 Acq: 16 Jul 2021 13:32

Tgt Ion: 114 Resp: 355241
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.2 0.0 32.8

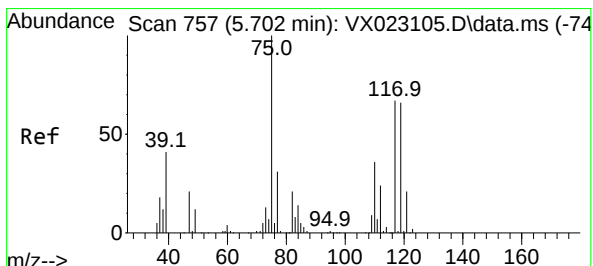
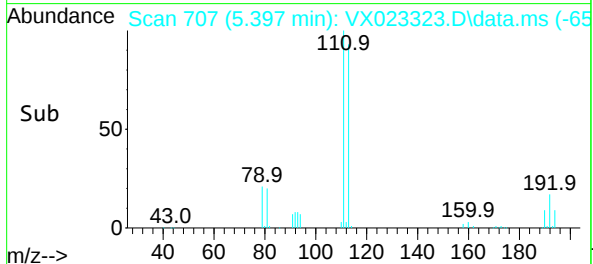
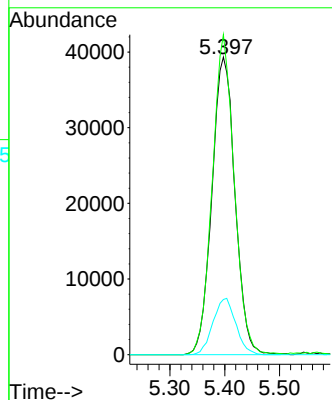
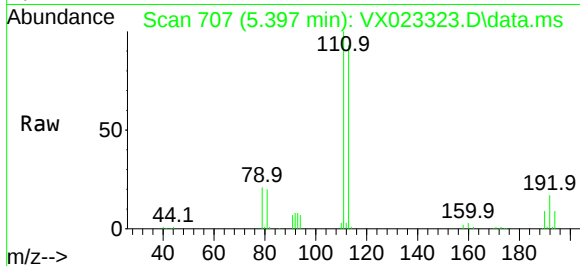




#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

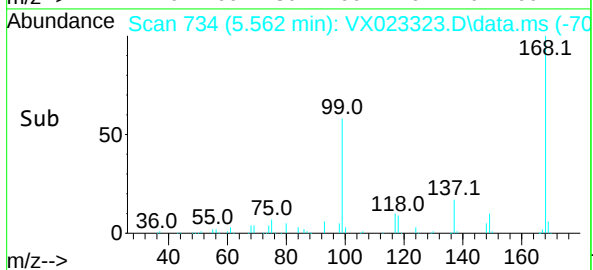
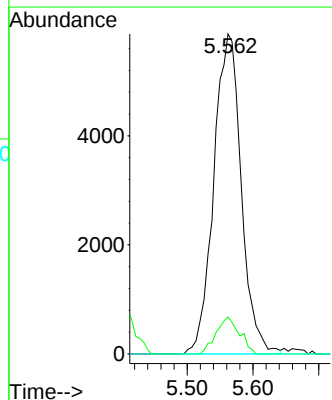
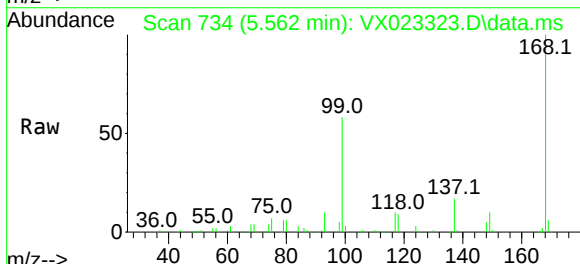
Instrument :
MSVOA_X
ClientSampleId :

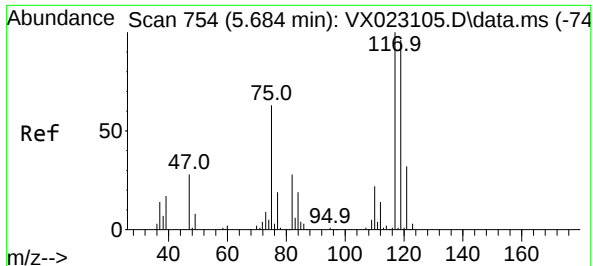
Tgt Ion:113 Resp: 114963
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.384 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

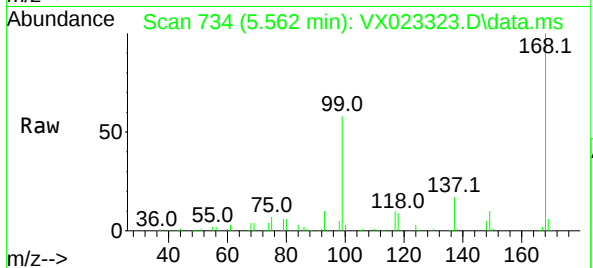
Tgt Ion: 75 Resp: 17050
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



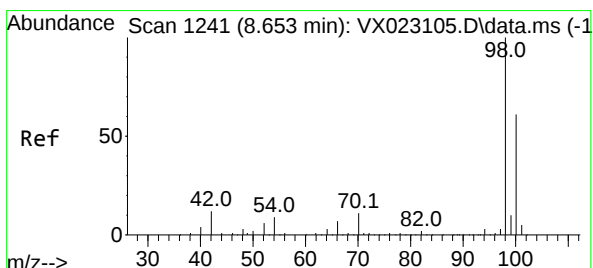
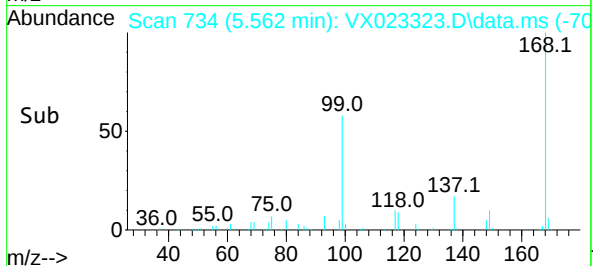
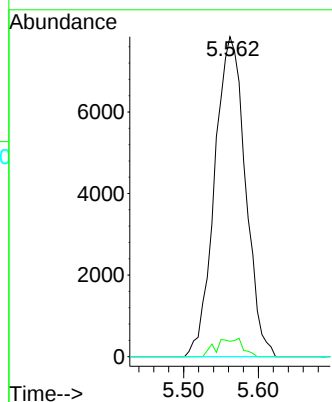


#38
Carbon Tetrachloride
Concen: 6.806 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Instrument :
MSVOA_X
ClientSampleId :

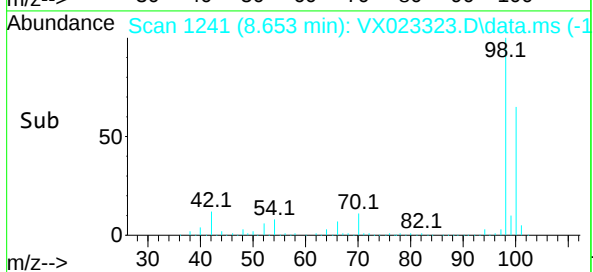
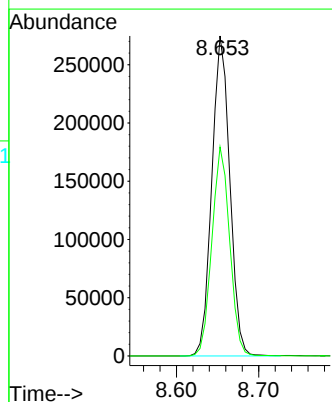
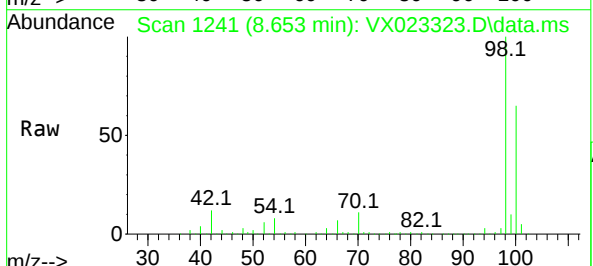


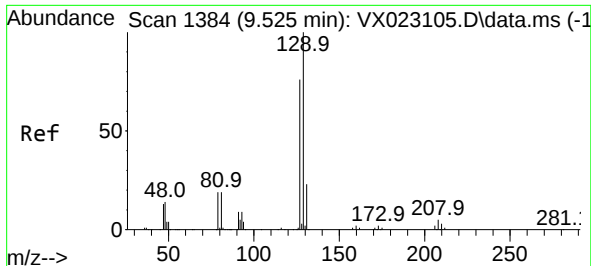
Tgt Ion:117 Resp: 22498
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.917 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Tgt Ion: 98 Resp: 418588
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

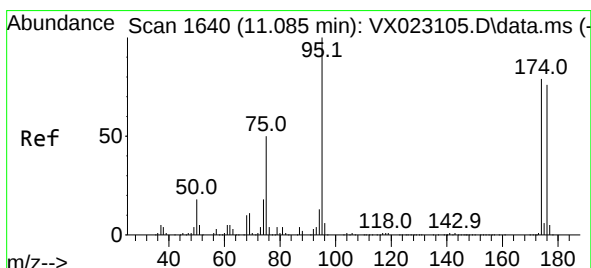
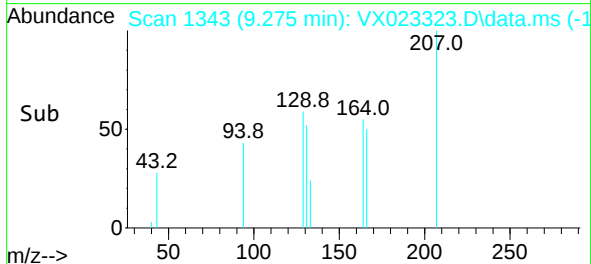
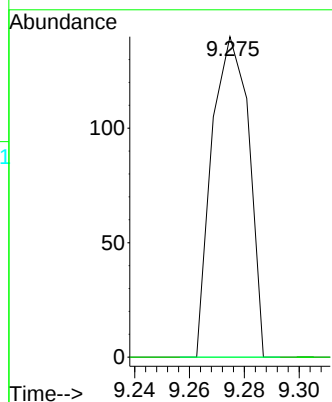
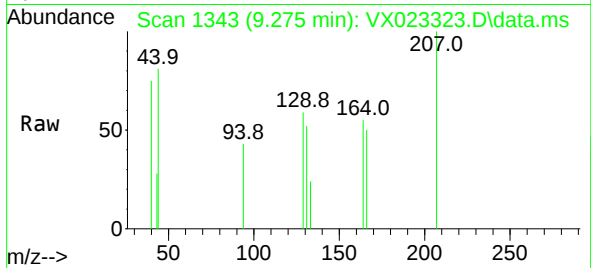




#60
Dibromochloromethane
Concen: 3.157 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

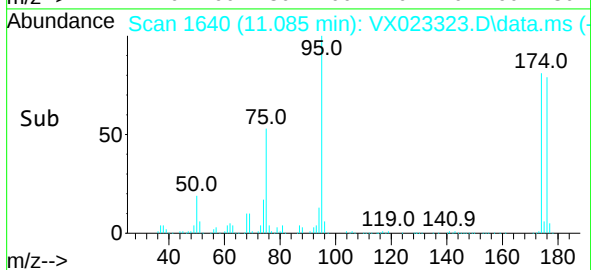
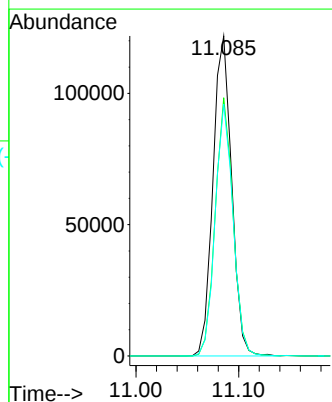
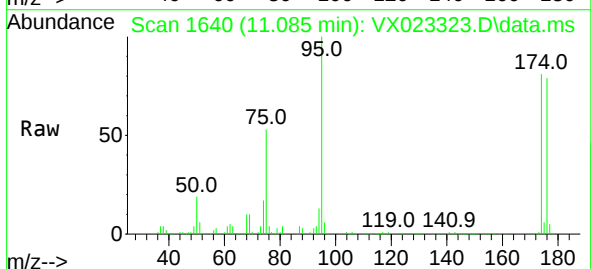
Instrument :
MSVOA_X
ClientSampleId :

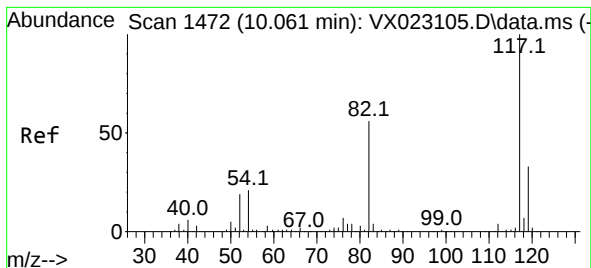
Tgt Ion:129 Resp: 131
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.504 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Tgt Ion: 95 Resp: 153627
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 75.4 0.0 155.8

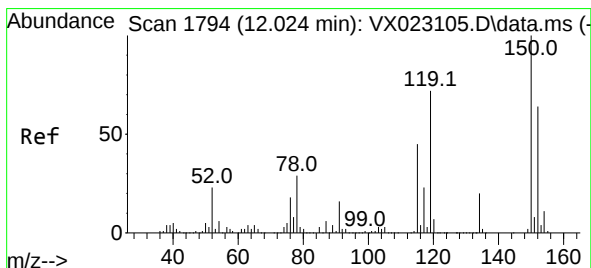
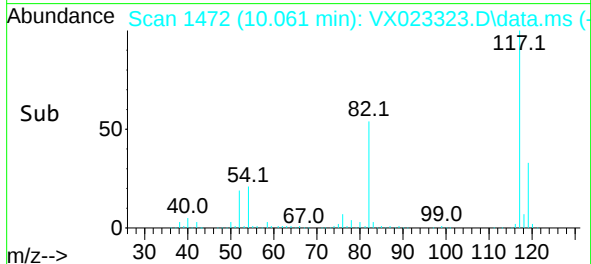
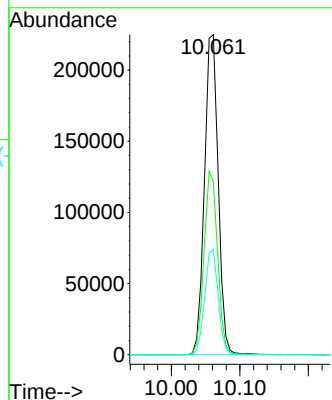
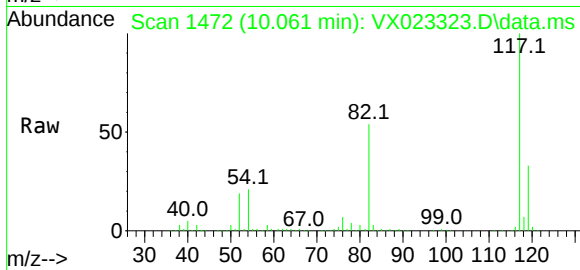




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

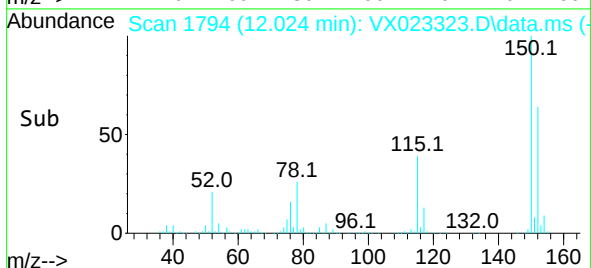
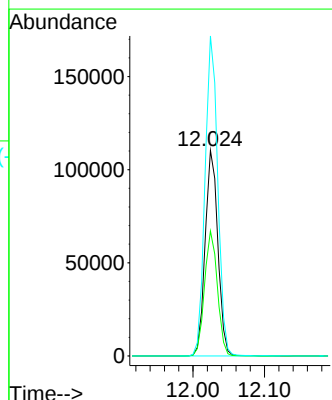
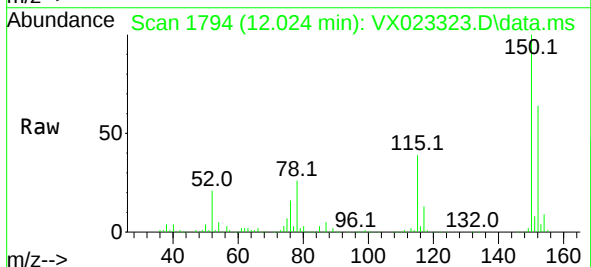
Instrument :
MSVOA_X
ClientSampled :

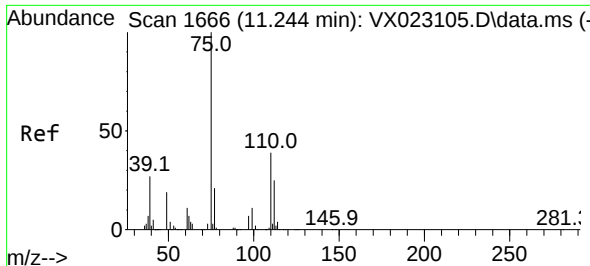
Tgt Ion:117 Resp: 314732
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Tgt Ion:152 Resp: 136469
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 155.7 0.0 349.0

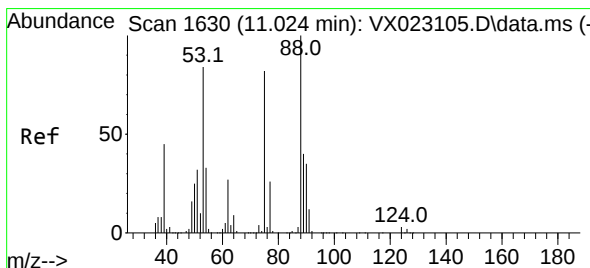
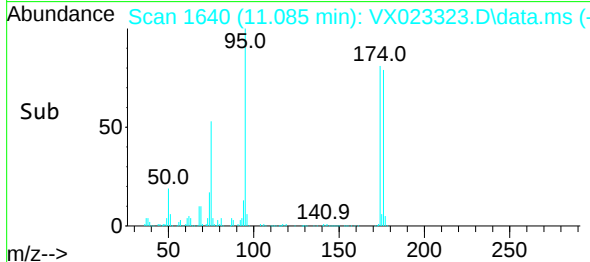
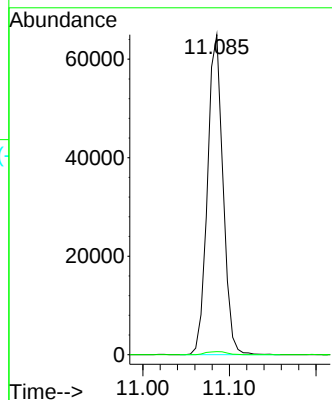
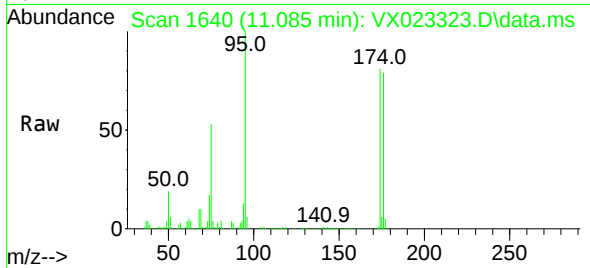




#76
1,2,3-Trichloropropane
Concen: 29.449 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

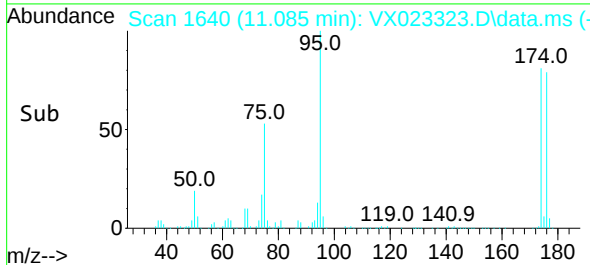
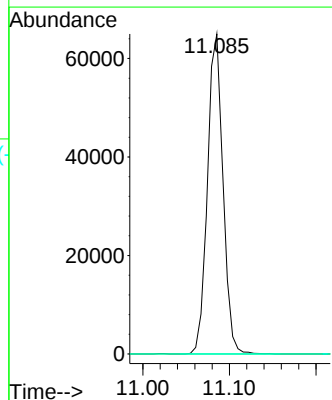
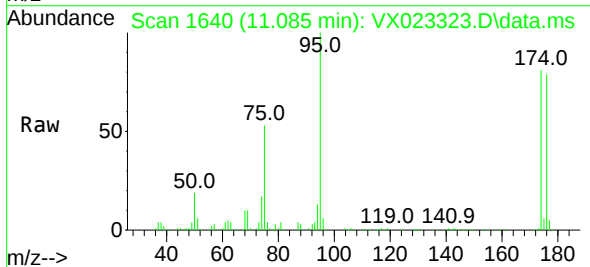
Instrument :
MSVOA_X
ClientSampled :

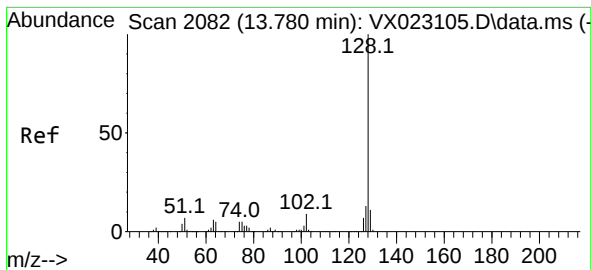
Tgt Ion: 75 Resp: 80874
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.159 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

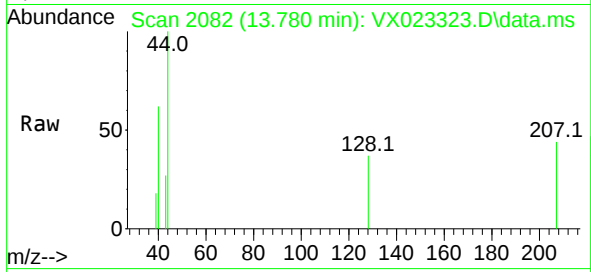
Tgt Ion: 75 Resp: 80874
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.289 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023323.D
Acq: 16 Jul 2021 13:32

Instrument :
MSVOA_X
ClientSampleId :



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

