

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023322.D
 Acq On : 16 Jul 2021 13:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 17 02:08:57 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)

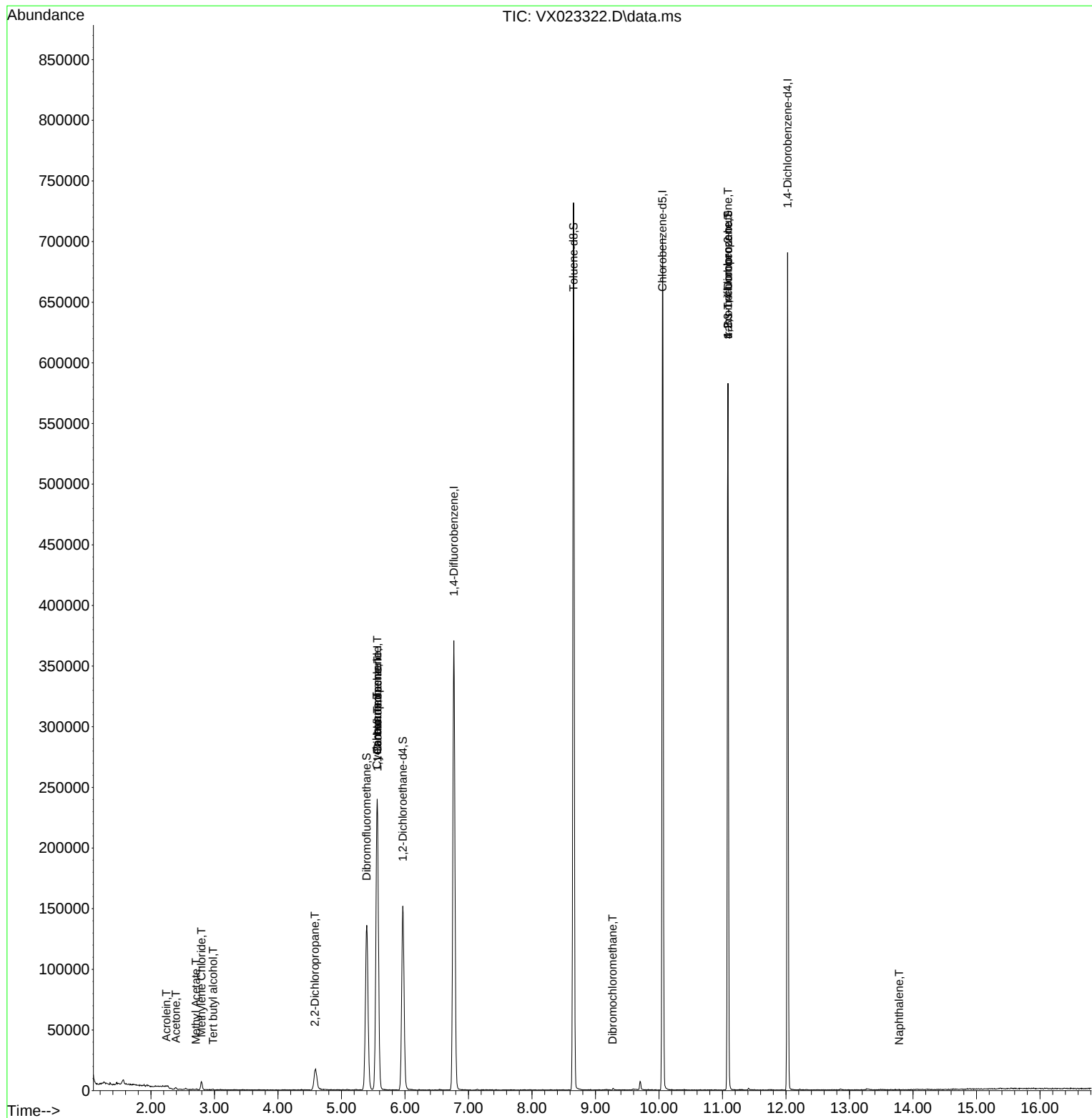
Internal Standards						
1) Pentafluorobenzene	5.562	168	222427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155341	51.964	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.920%			
35) Dibromofluoromethane	5.397	113	117753	50.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.653	98	425457	48.560	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.120%			
62) 4-Bromofluorobenzene	11.085	95	154790	45.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.520%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	29	Below Cal	#	2
11) Tert butyl alcohol	2.977	59	296	0.471	ug/l #	91
13) Acrolein	2.240	56	122	0.291	ug/l #	1
16) Acetone	2.392	43	1800	1.522	ug/l	95
18) Methyl Acetate	2.709	43	666	0.232	ug/l #	47
20) Methylene Chloride	2.794	84	3070	1.206	ug/l	92
26) 2,2-Dichloropropane	4.581	77	1533	0.445	ug/l #	52
31) Cyclohexane	5.556	56	4741	1.325	ug/l #	3
36) 1,1-Dichloropropene	5.568	75	17566	5.417	ug/l #	49
38) Carbon Tetrachloride	5.562	117	23540	6.955	ug/l #	16
60) Dibromochloromethane	9.269	129	124	3.153	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	79352	28.646	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	79352	77.130	ug/l #	12
95) Naphthalene	13.780	128	176	1.292	ug/l #	69

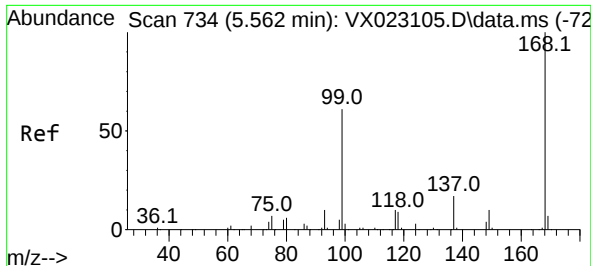
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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IBLK

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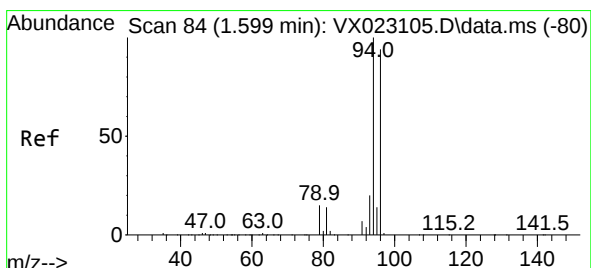
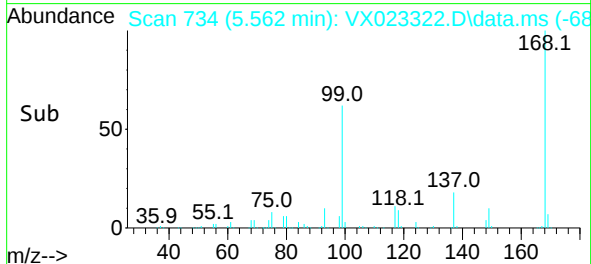
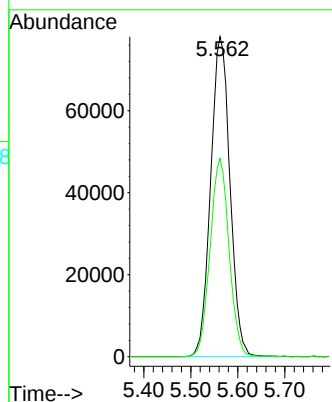
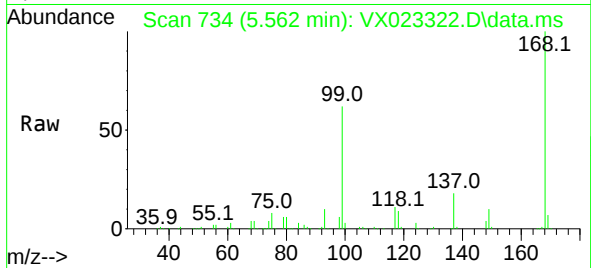




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

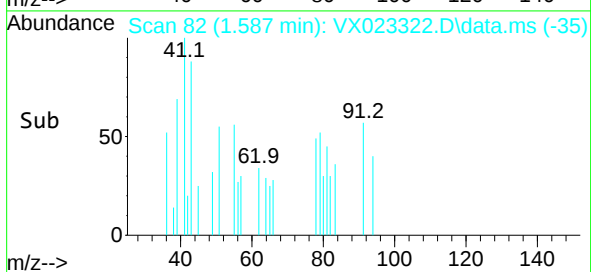
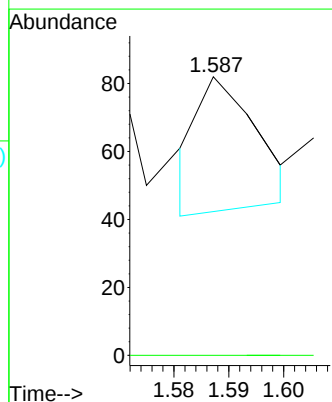
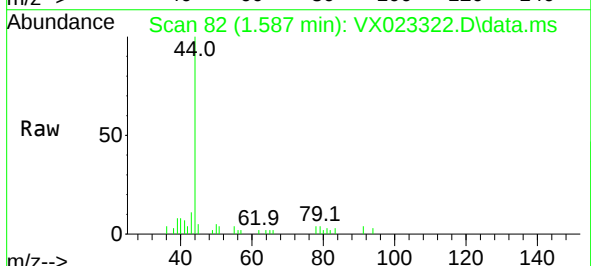
Instrument :
MSVOA_X
ClientSampleId :
IBLK

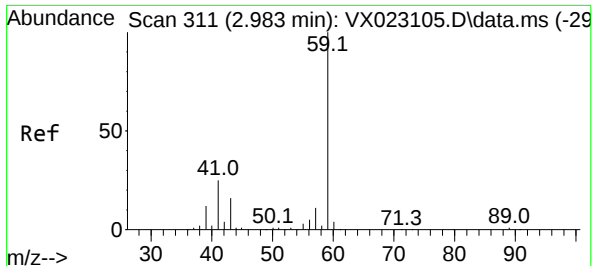
Tgt Ion:168 Resp: 222427
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 94 Resp: 29
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



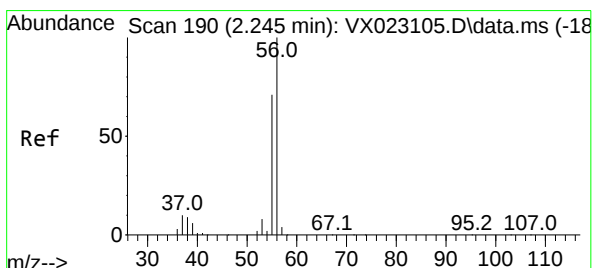
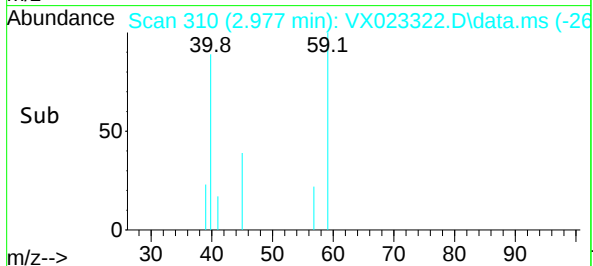
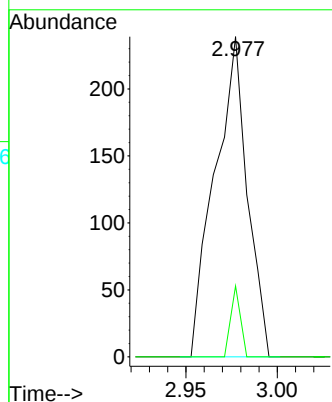
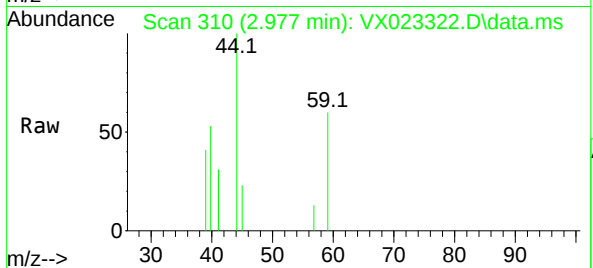


#11

Tert butyl alcohol
Concen: 0.471 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Instrument :
MSVOA_X
ClientSampled :
IBLK

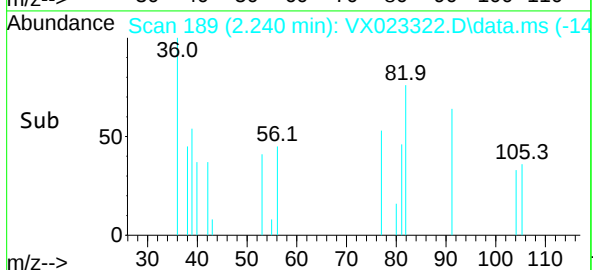
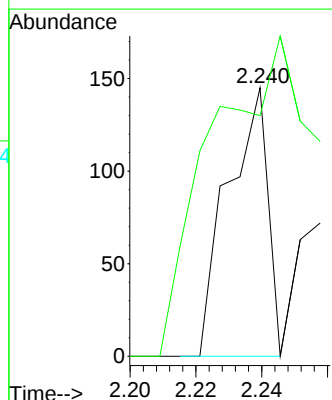
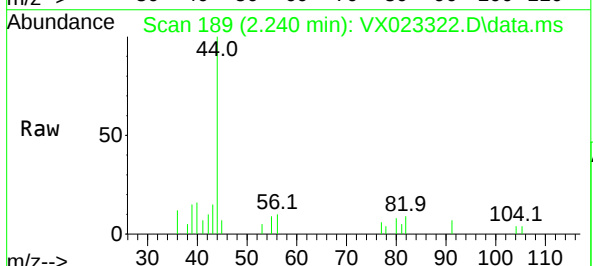
Tgt Ion: 59 Resp: 296
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.8#

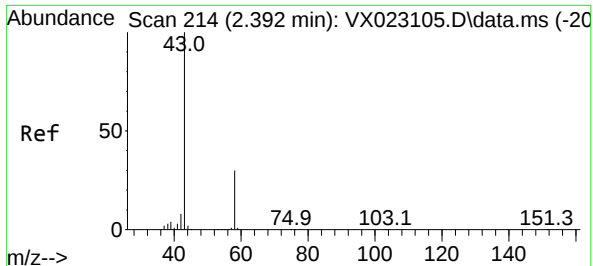


#13

Acrolein
Concen: 0.291 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 377.9 56.4 84.6#

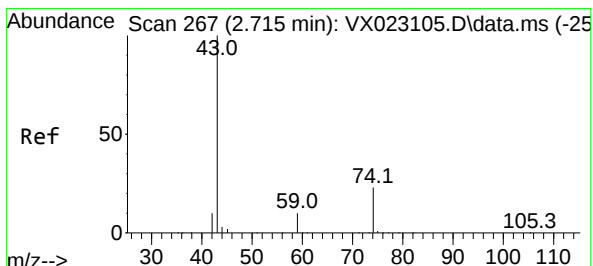
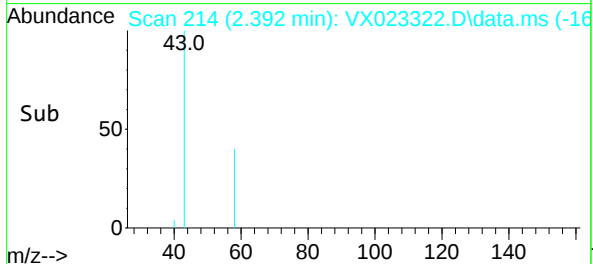
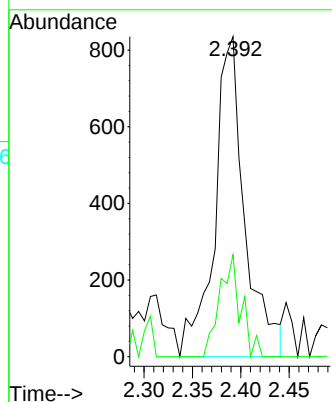
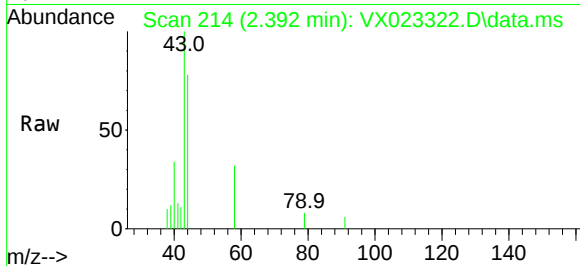




#16
Acetone
Concen: 1.522 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

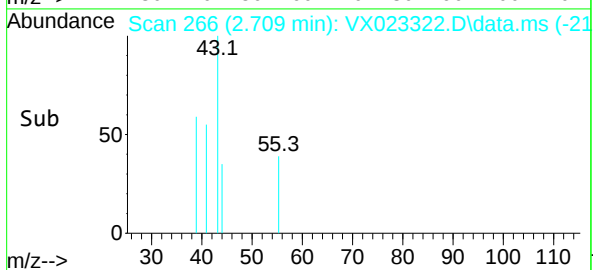
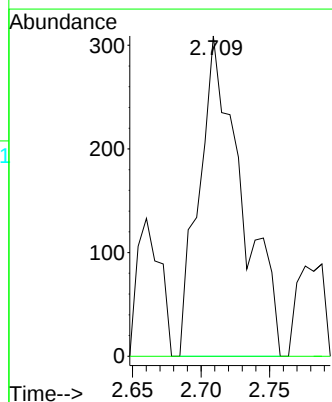
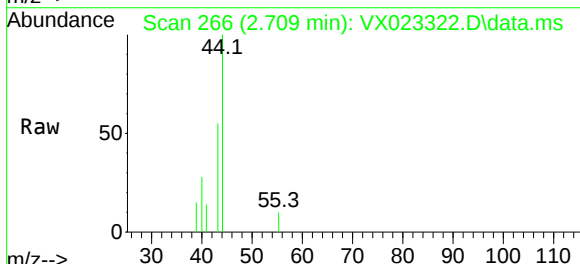
Instrument :
MSVOA_X
ClientSampleId :
IBLK

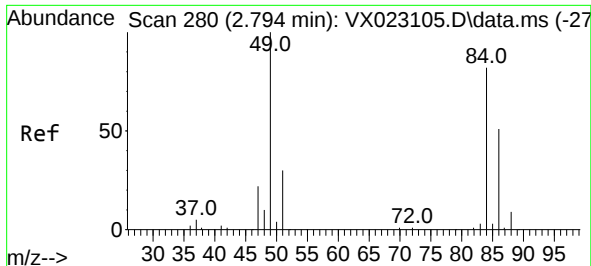
Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 31.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

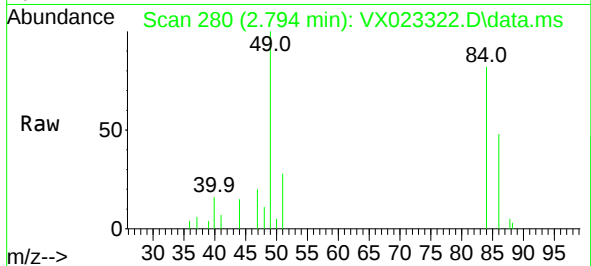
Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



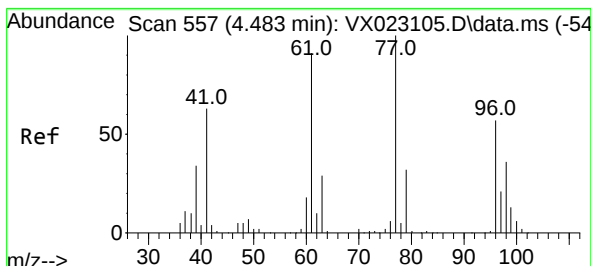
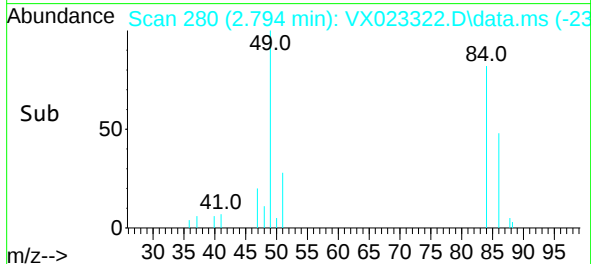
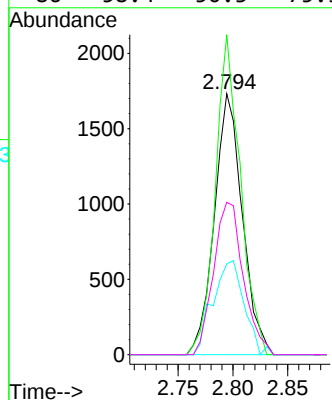


#20
Methylene Chloride
Concen: 1.206 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Instrument :
MSVOA_X
ClientSampled :
IBLK

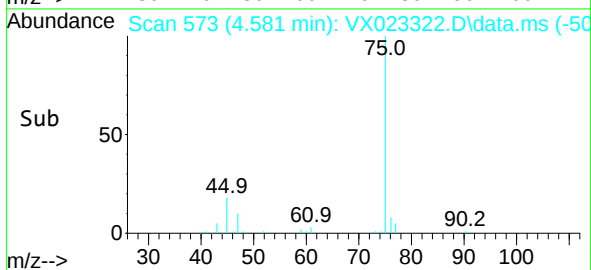
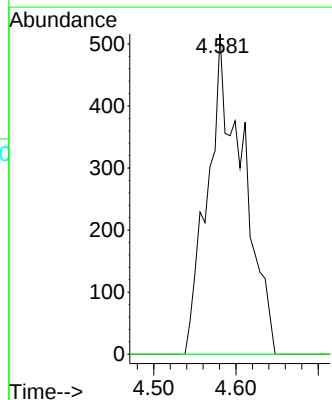
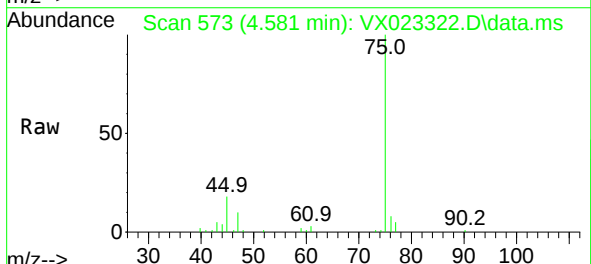


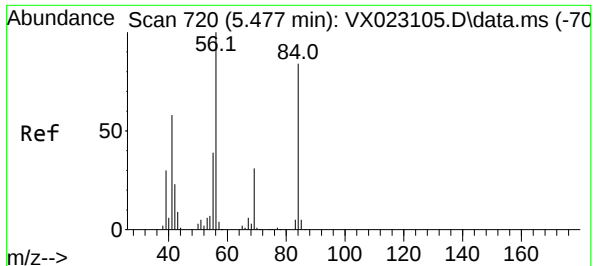
Tgt Ion:	84	Resp:	3070
Ion	Ratio	Lower	Upper
84	100		
49	122.6	88.6	132.8
51	34.8	27.0	40.6
86	58.4	50.3	75.5



#26
2,2-Dichloropropane
Concen: 0.445 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.098 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion:	77	Resp:	1533
Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.1#

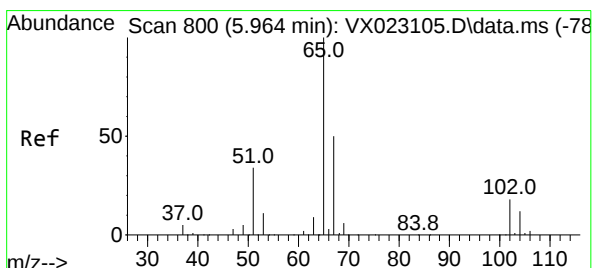
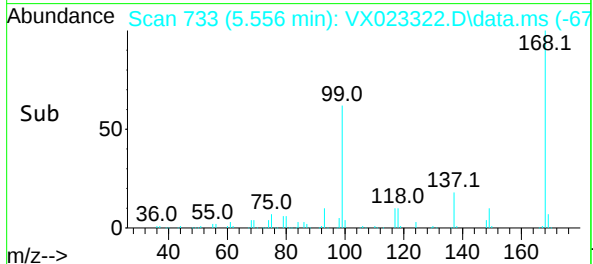
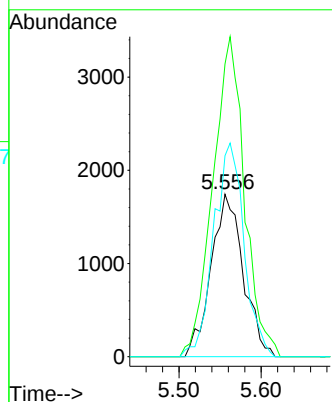
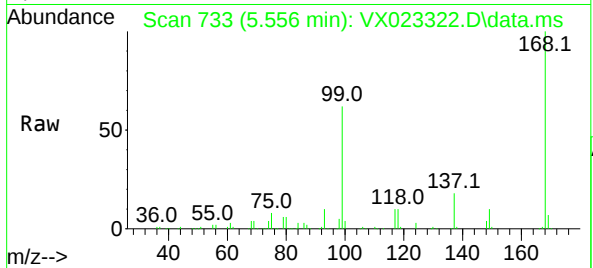




#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

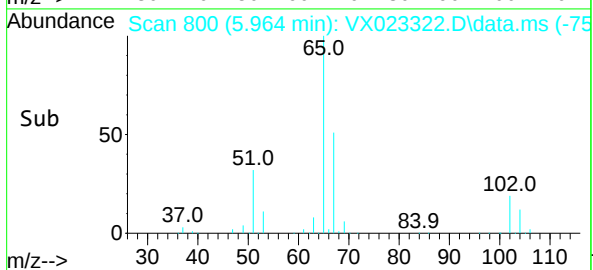
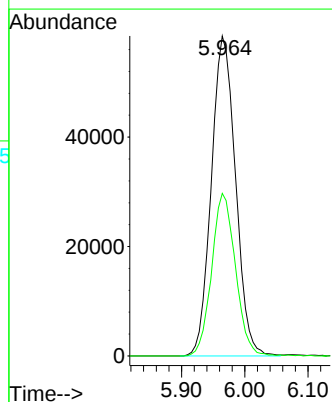
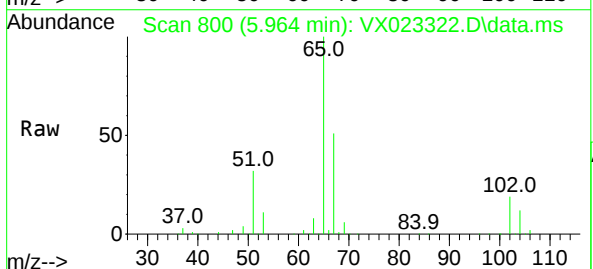
Instrument :
MSVOA_X
ClientSampleId :
IBLK

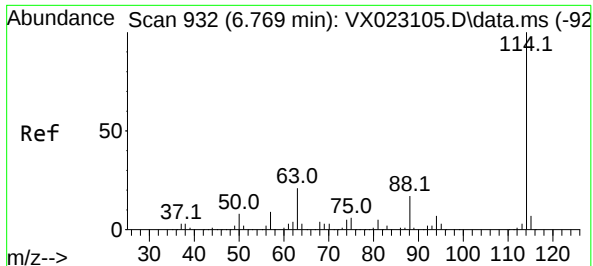
Tgt Ion: 56 Resp: 4741
Ion Ratio Lower Upper
56 100
69 180.3 25.3 37.9#
84 123.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.964 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 65 Resp: 155341
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

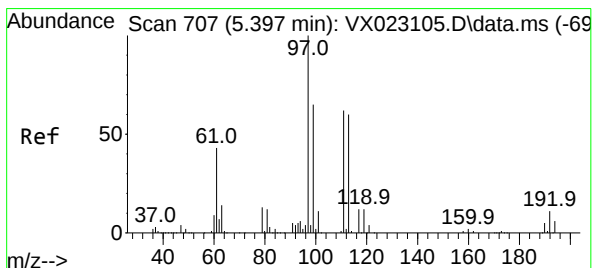
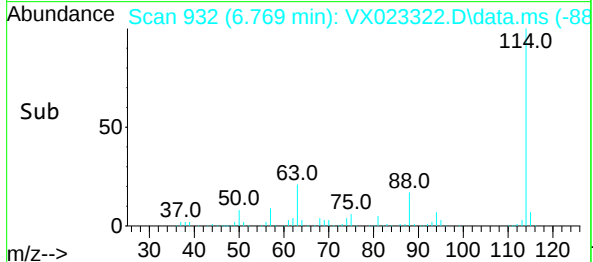
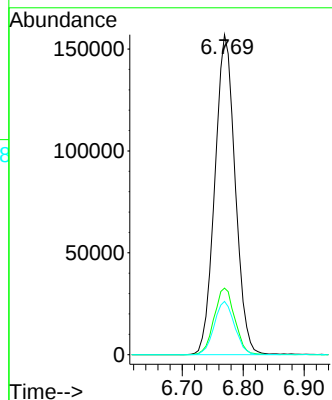
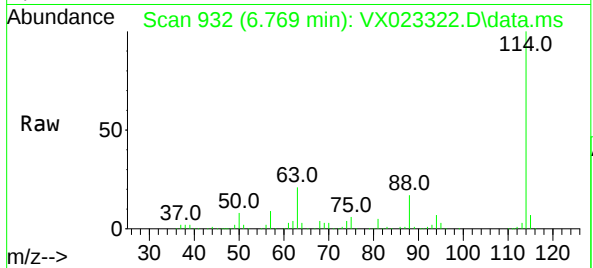




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

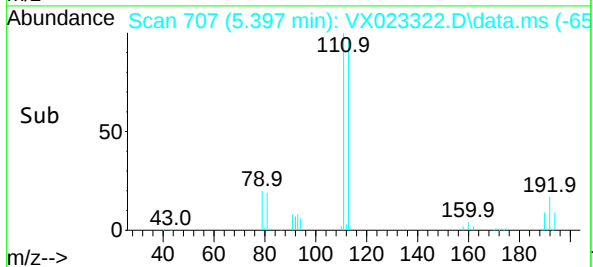
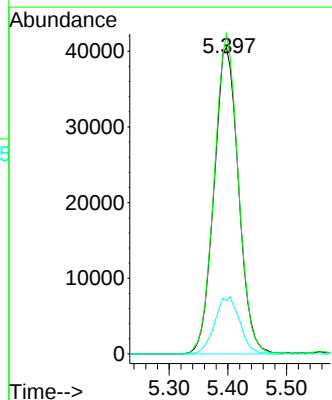
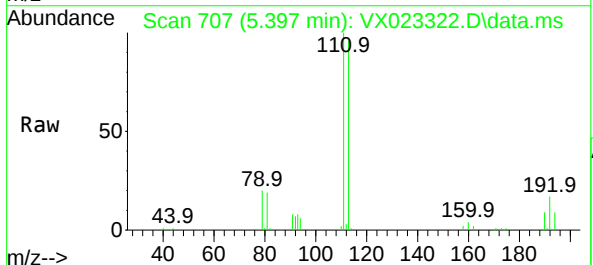
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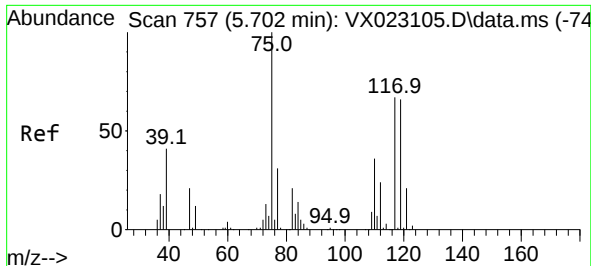
Tgt Ion:114 Resp: 363724
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.134 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion:113 Resp: 117753
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.417 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX023322.D

Acq: 16 Jul 2021 13:08

Tgt Ion: 75 Resp: 17566

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

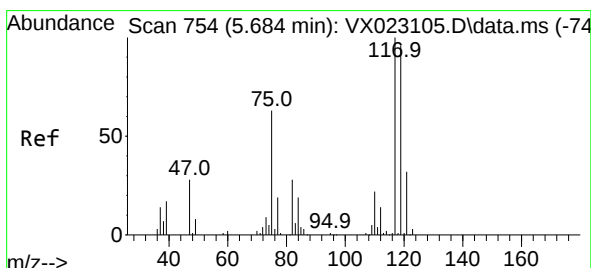
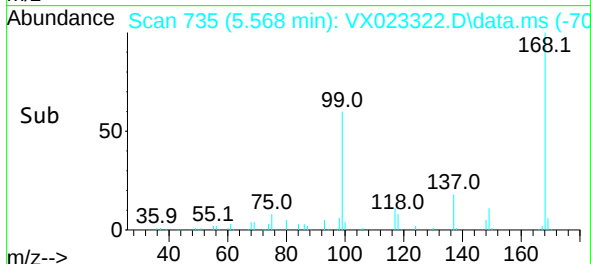
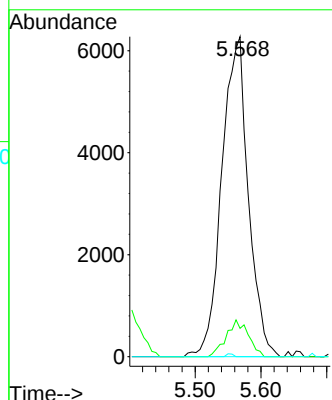
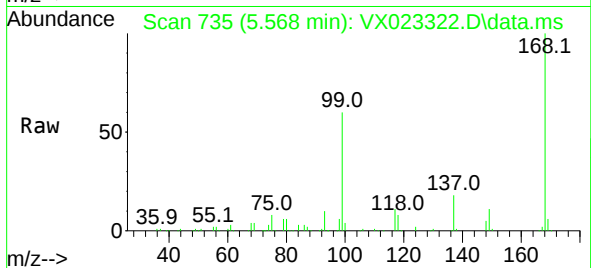
77 0.2 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

IBLK



#38

Carbon Tetrachloride

Concen: 6.955 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX023322.D

Acq: 16 Jul 2021 13:08

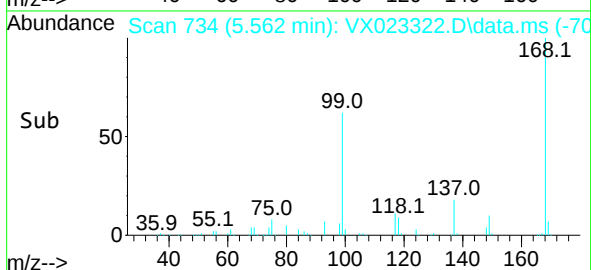
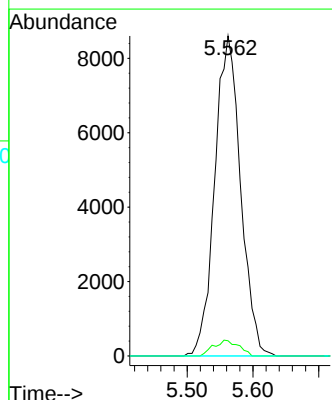
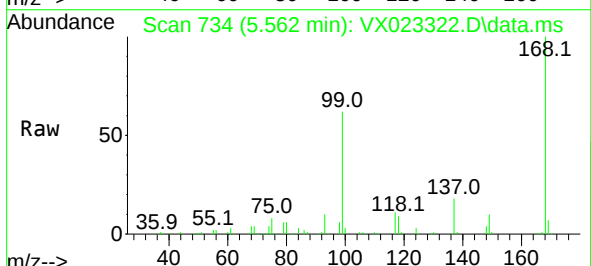
Tgt Ion:117 Resp: 23540

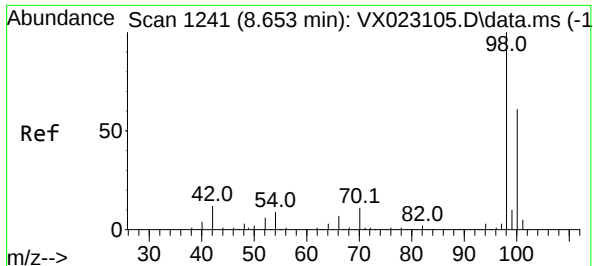
Ion Ratio Lower Upper

117 100

119 4.7 76.2 114.2#

121 0.0 24.8 37.2#

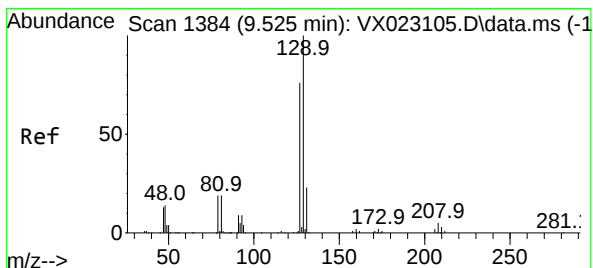
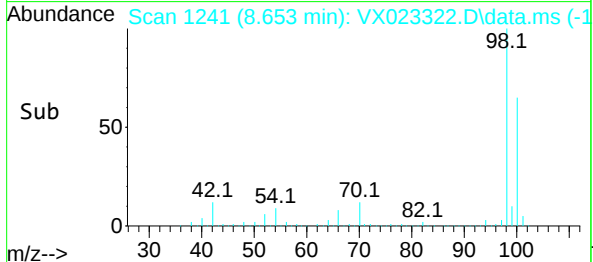
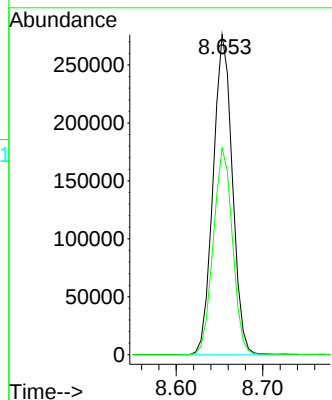
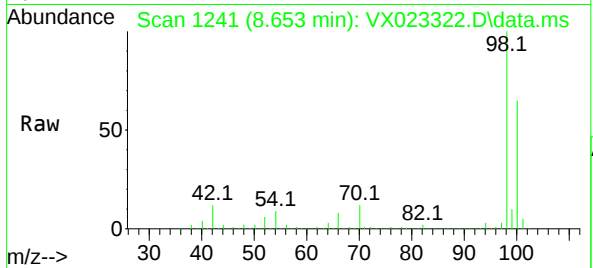




#50
Toluene-d8
Concen: 48.560 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

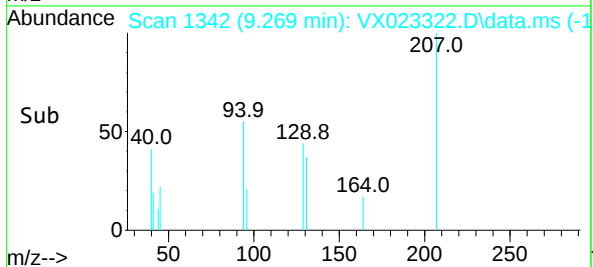
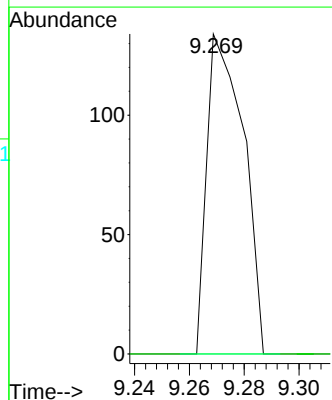
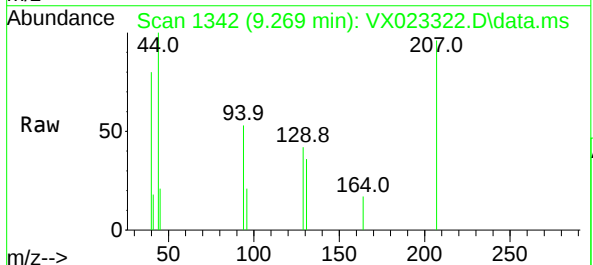
Instrument :
MSVOA_X
ClientSampled :
IBLK

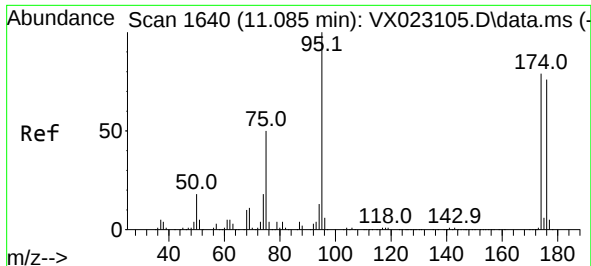
Tgt Ion: 98 Resp: 425457
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#60
Dibromochloromethane
Concen: 3.153 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 129 Resp: 124
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

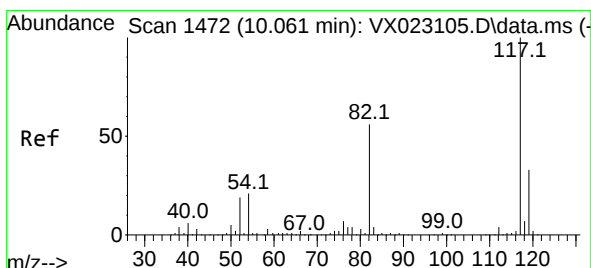
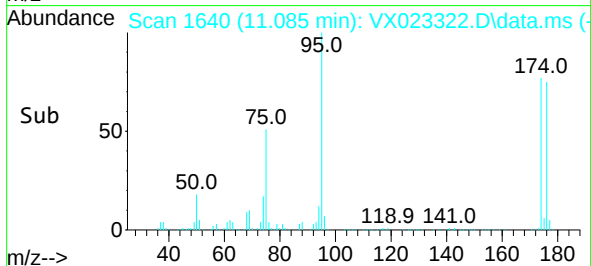
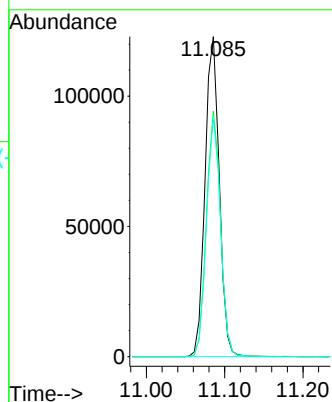
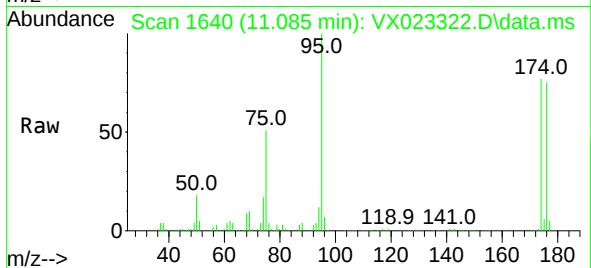




#62
4-Bromofluorobenzene
Concen: 45.763 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

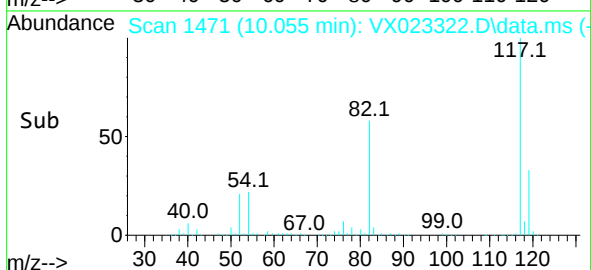
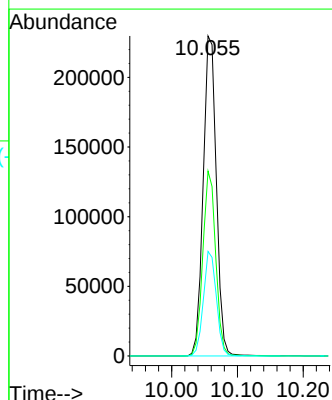
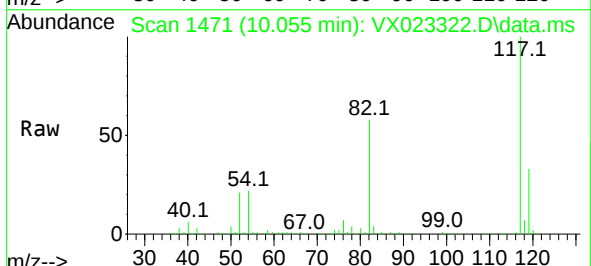
Instrument :
MSVOA_X
ClientSampleId :
IBLK

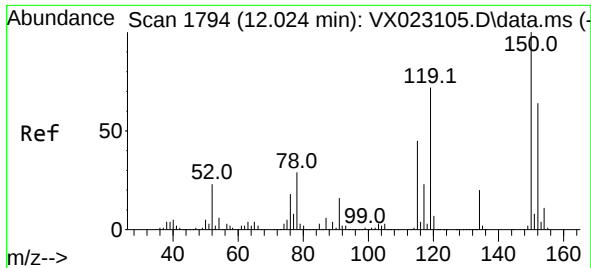
Tgt Ion: 95 Resp: 154790
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 117 Resp: 319312
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.6 26.6 39.8

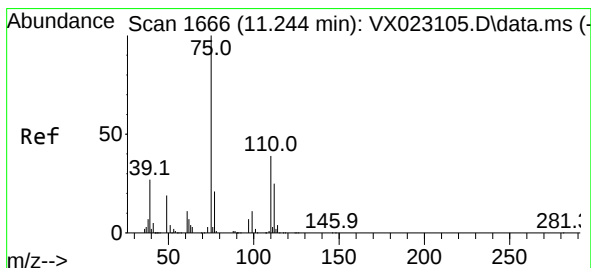
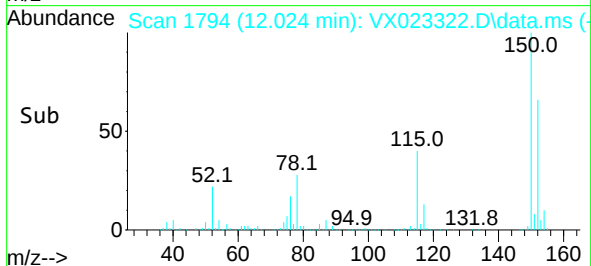
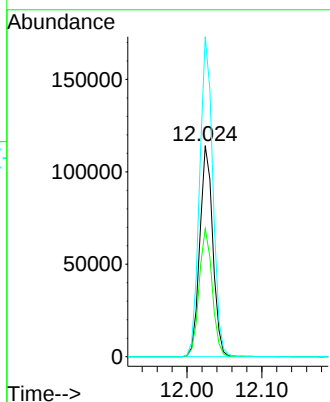
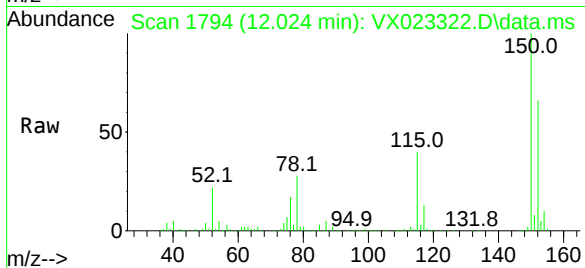




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

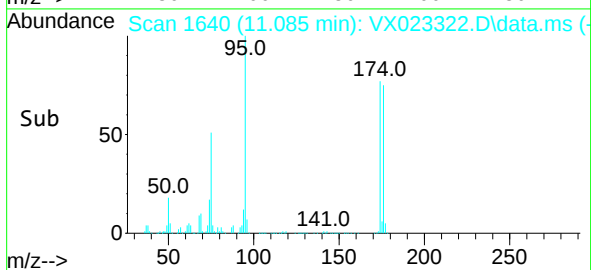
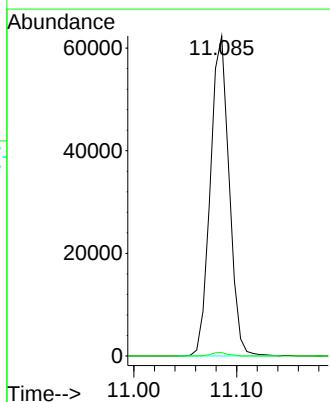
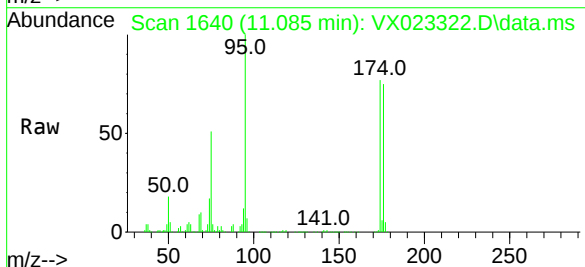
Instrument :
MSVOA_X
ClientSampled :
IBLK

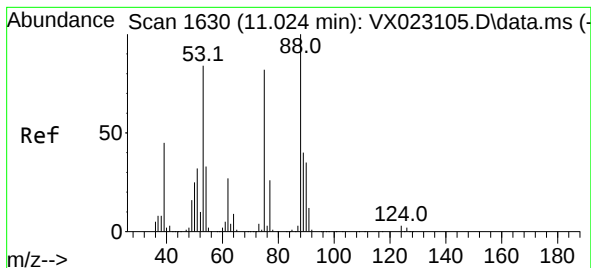
Tgt Ion:152 Resp: 137655
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 154.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.646 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 75 Resp: 79352
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

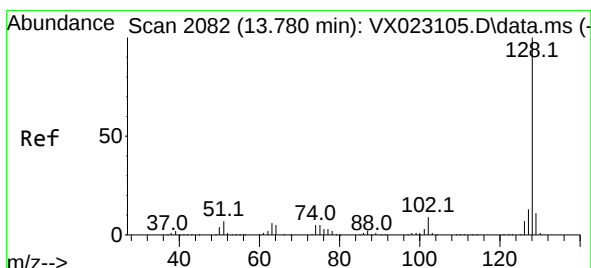
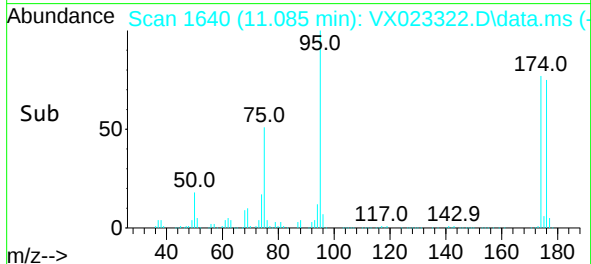
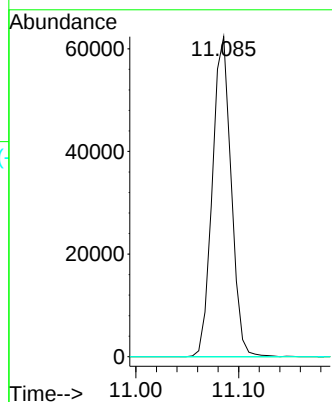
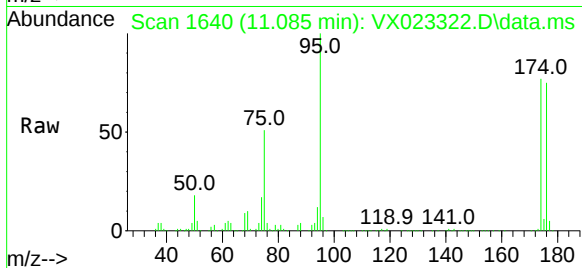




#81
trans-1,4-Dichloro-2-butene
Concen: 77.130 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 75 Resp: 79352
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.292 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 128 Resp: 176
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

