

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024423.D
 Acq On : 22 Sep 2021 06:57
 Operator : JC/MD
 Sample : M3833-11 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 08:35:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

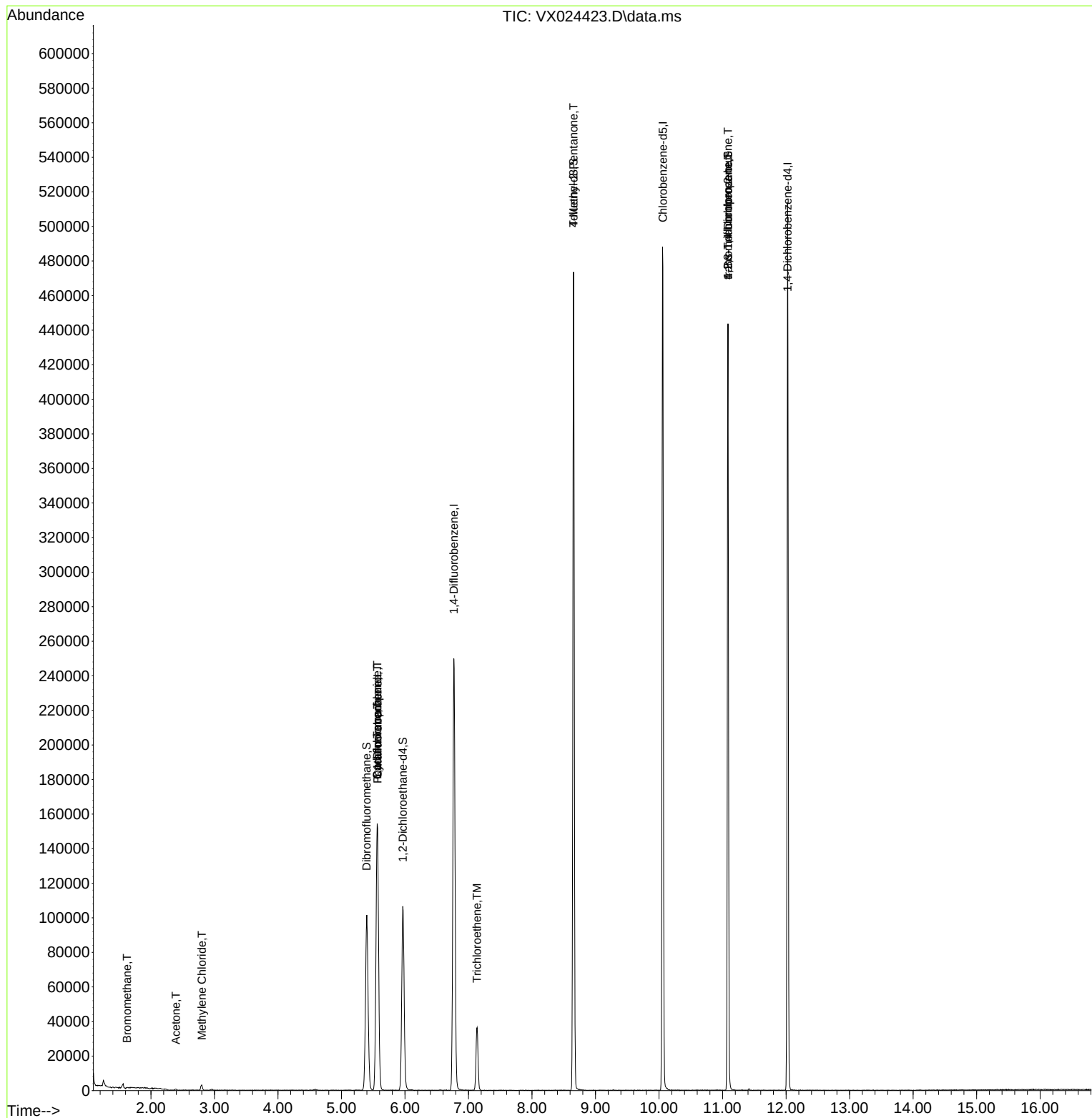
Internal Standards						
1) Pentafluorobenzene	5.568	168	144431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	228433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107640	52.264	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.520%		
35) Dibromofluoromethane	5.397	113	85444	50.239	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.480%		
50) Toluene-d8	8.653	98	269314	43.468	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 86.940%#		
62) 4-Bromofluorobenzene	11.085	95	115587	47.938	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.880%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	210	0.244	ug/l #	59
11) Tert butyl alcohol	2.953	59	250	Below Cal	#	73
16) Acetone	2.392	43	678	0.772	ug/l #	73
20) Methylene Chloride	2.800	84	1431	0.849	ug/l #	94
31) Cyclohexane	5.562	56	3061	1.271	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	11448	4.910	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15144	5.771	ug/l #	17
44) Trichloroethene	7.135	130	14663	7.804	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	1317	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	59205	24.454	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59205	71.920	ug/l #	12

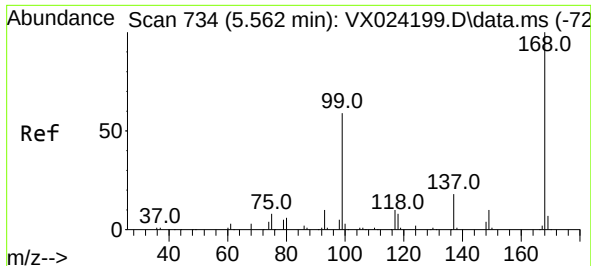
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Sep 22 08:35:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

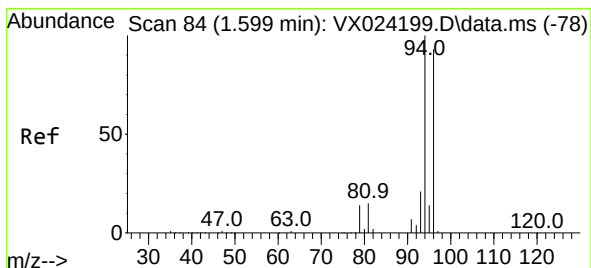
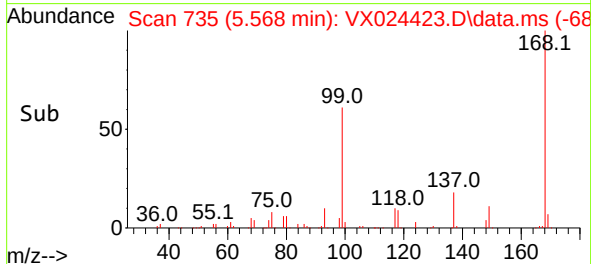
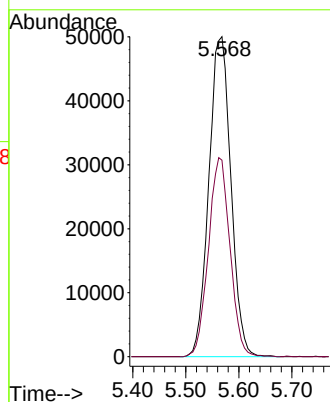
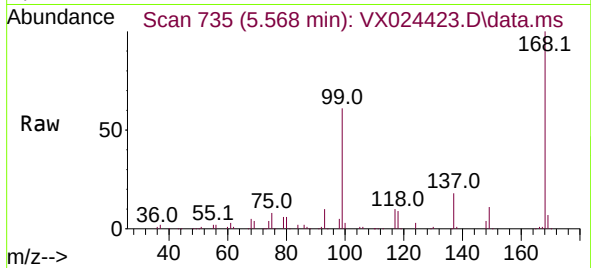




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

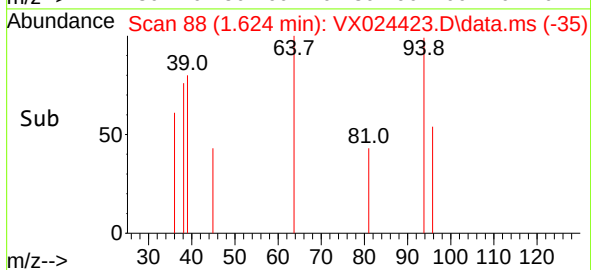
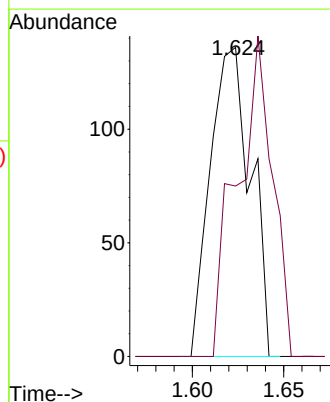
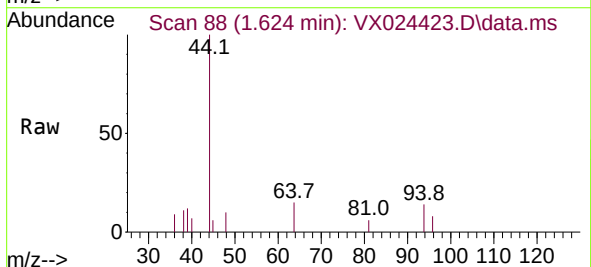
Instrument :
MSVOA_X
ClientSampled :

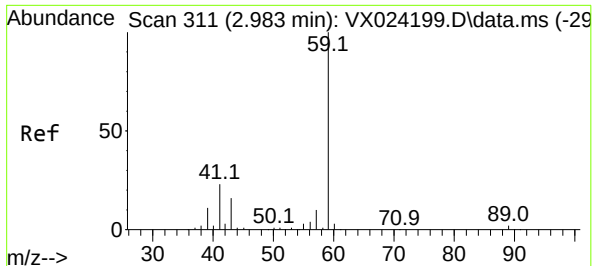
Tgt Ion:168 Resp: 144431
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#5
Bromomethane
Concen: 0.244 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 55.1 76.4 114.6#



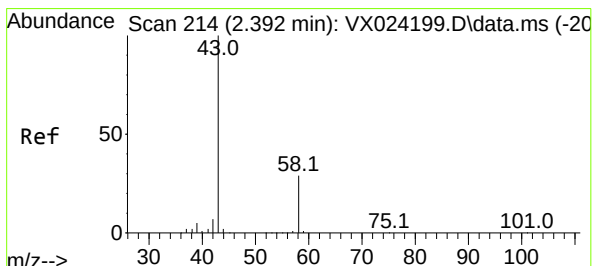
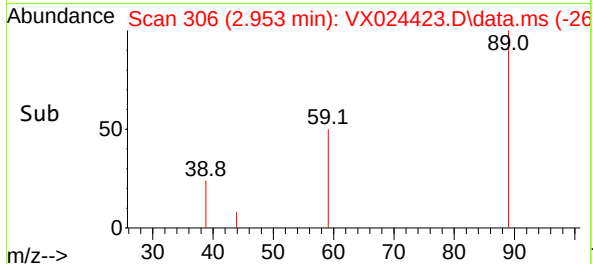
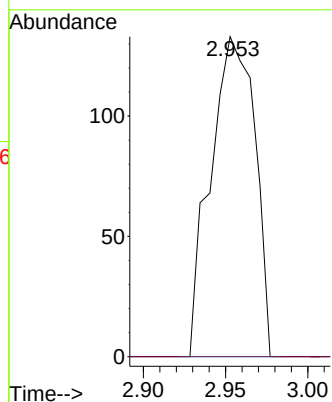
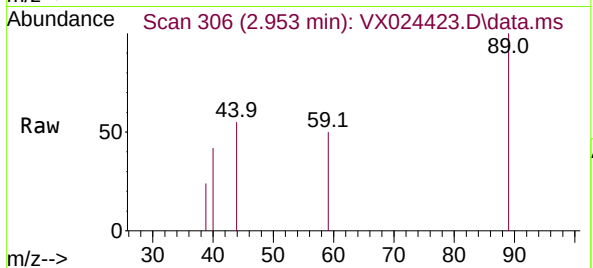


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

Instrument :
MSVOA_X
ClientSampled :

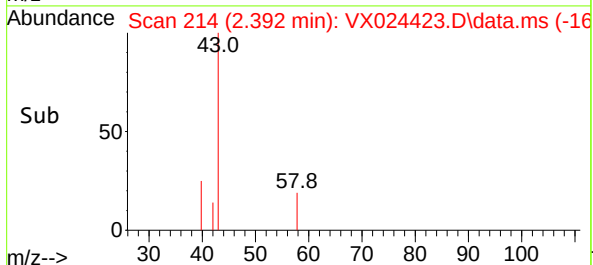
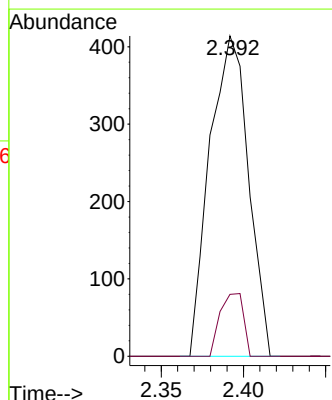
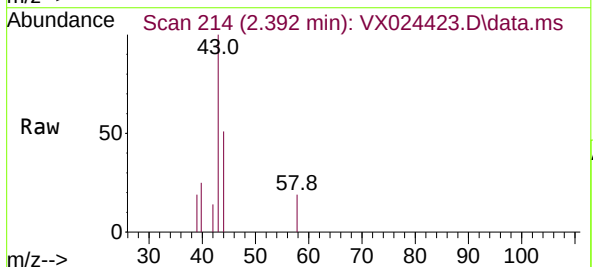
Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

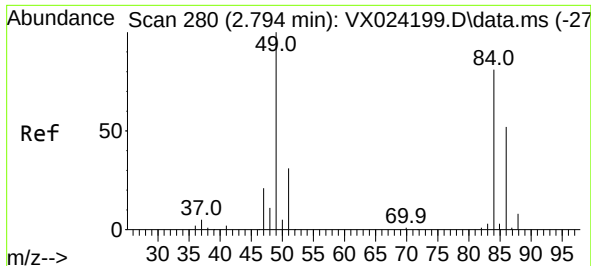


#16

Acetone
Concen: 0.772 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
58 19.3 27.8 41.8#





#20

Methylene Chloride

Concen: 0.849 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024423.D

Acq: 22 Sep 2021 06:57

Tgt Ion: 84 Resp: 1431

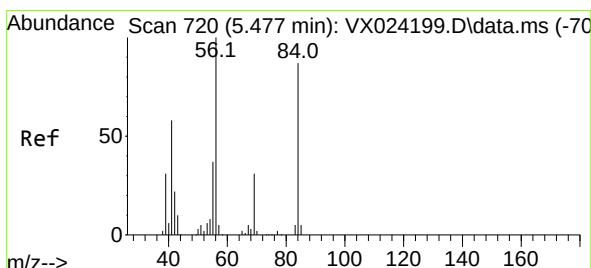
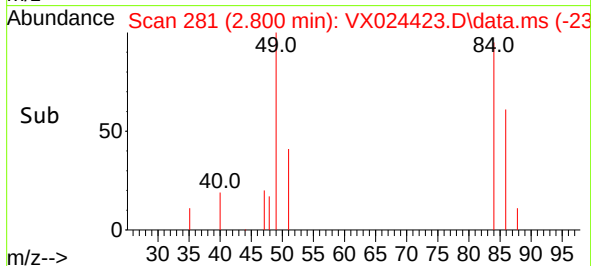
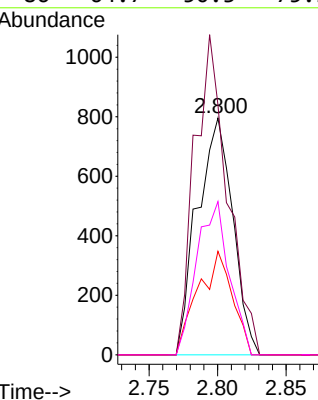
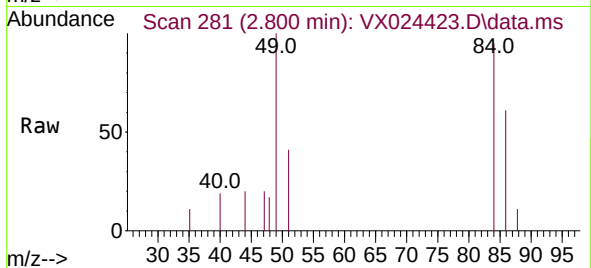
Ion Ratio Lower Upper

84 100

49 105.5 88.6 132.8

51 43.7 27.0 40.6#

86 64.7 50.3 75.5



#31

Cyclohexane

Concen: 1.271 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024423.D

Acq: 22 Sep 2021 06:57

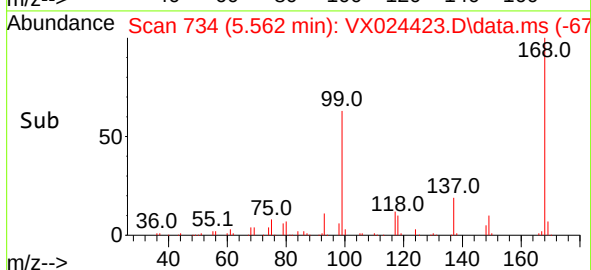
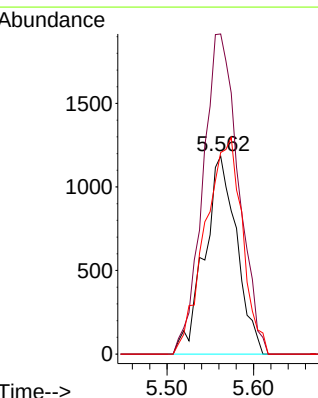
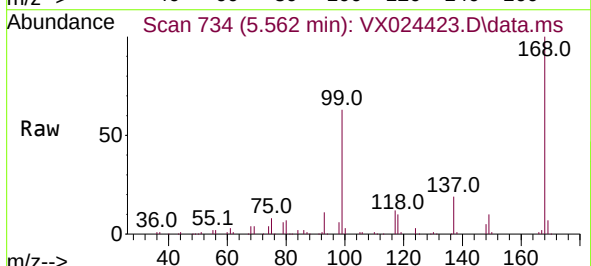
Tgt Ion: 56 Resp: 3061

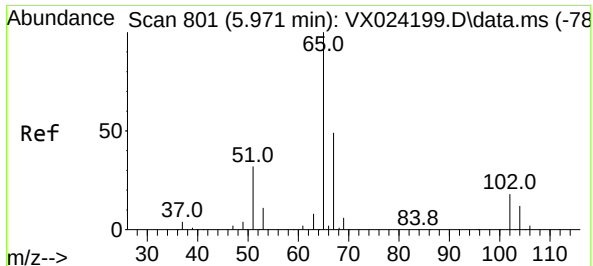
Ion Ratio Lower Upper

56 100

69 161.8 25.3 37.9#

84 101.9 71.4 107.0

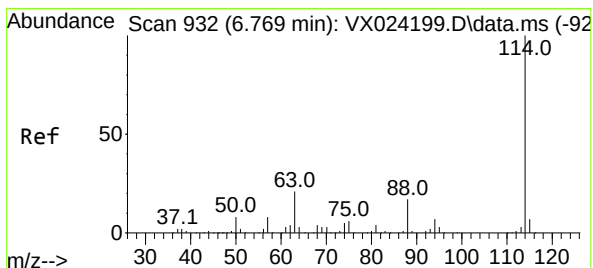
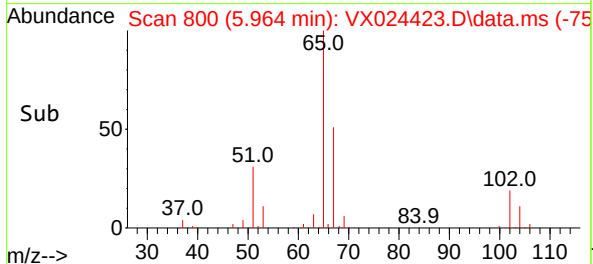
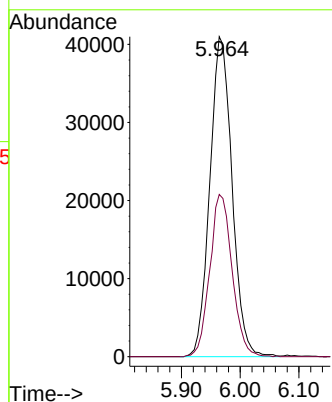
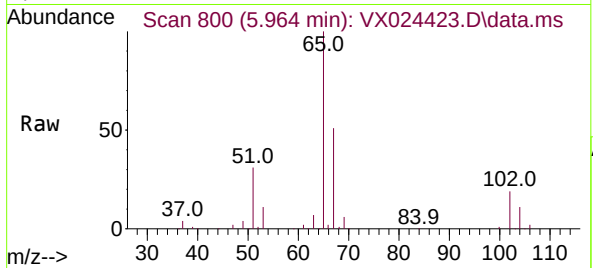




#33
 1,2-Dichloroethane-d4
 Concen: 52.264 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024423.D
 Acq: 22 Sep 2021 06:57

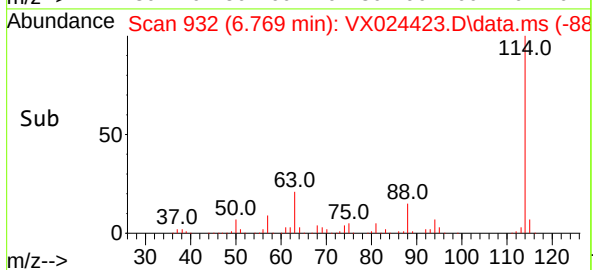
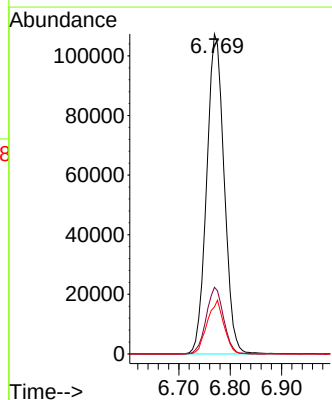
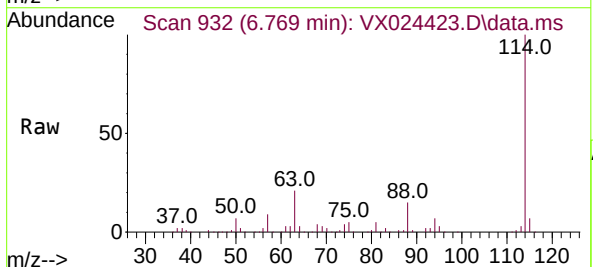
Instrument :
 MSVOA_X
 ClientSampleId :

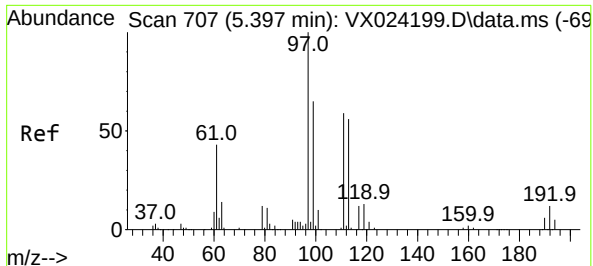
Tgt Ion: 65 Resp: 107640
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024423.D
 Acq: 22 Sep 2021 06:57

Tgt Ion: 114 Resp: 253598
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 14.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.239 ug/l

RT: 5.397 min Scan# 707

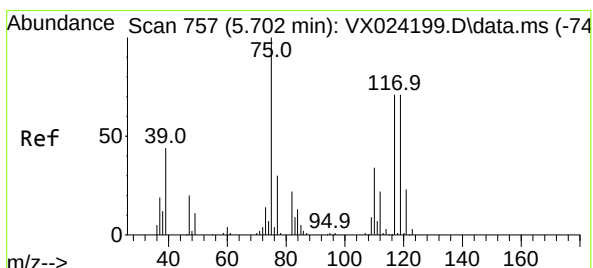
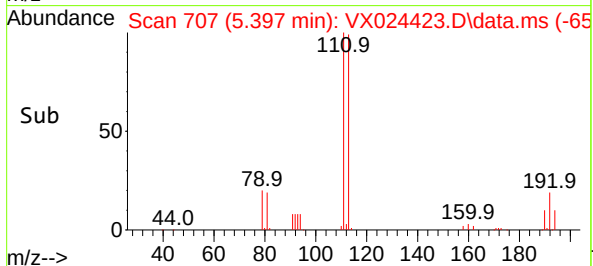
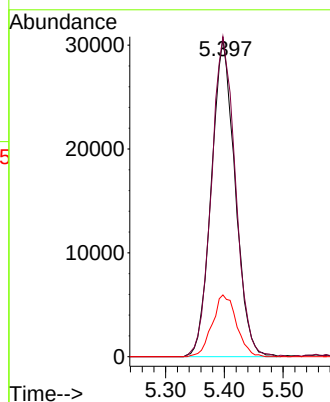
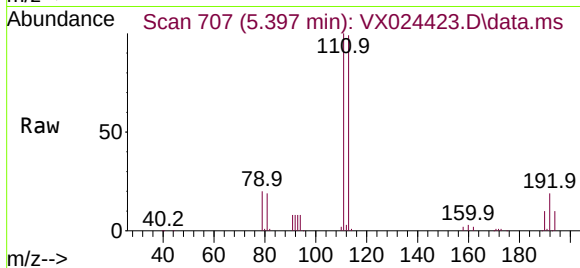
Delta R.T. 0.000 min

Lab File: VX024423.D

Acq: 22 Sep 2021 06:57

Tgt Ion:	113	Resp:	85444
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	19.9	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.910 ug/l

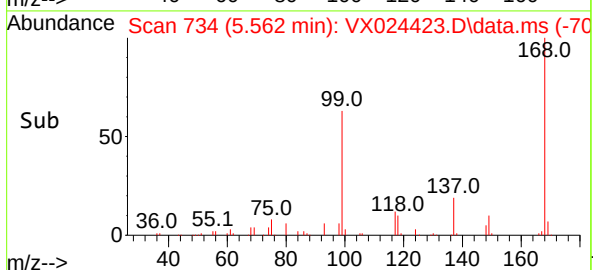
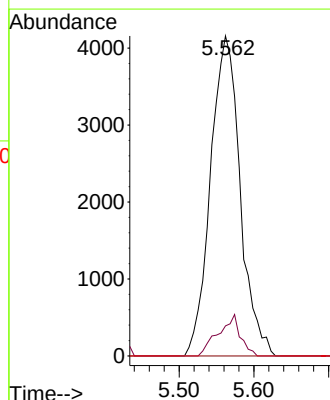
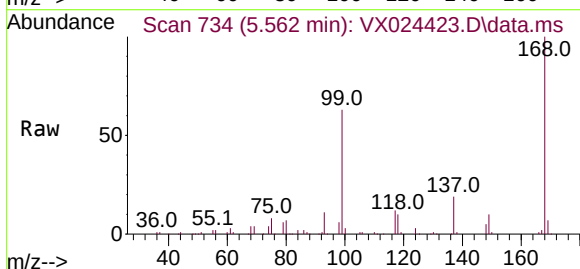
RT: 5.562 min Scan# 734

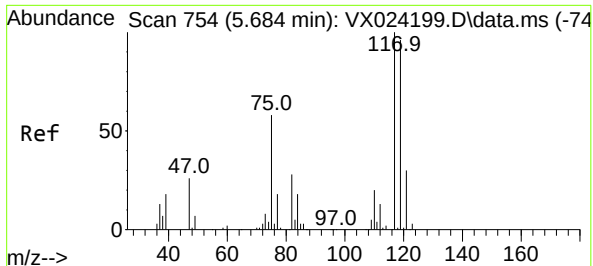
Delta R.T. -0.140 min

Lab File: VX024423.D

Acq: 22 Sep 2021 06:57

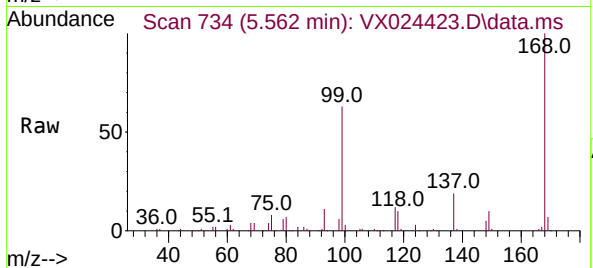
Tgt Ion:	75	Resp:	11448
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	25.3	37.9#



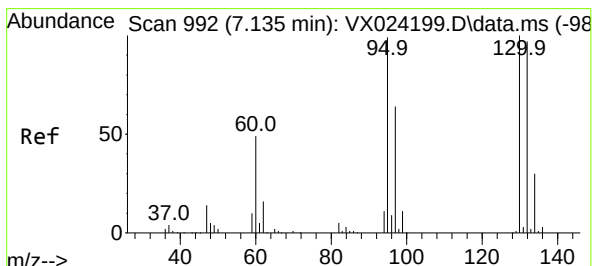
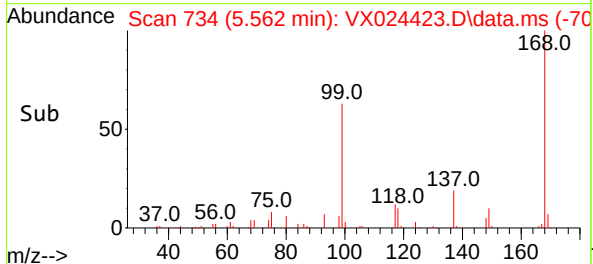
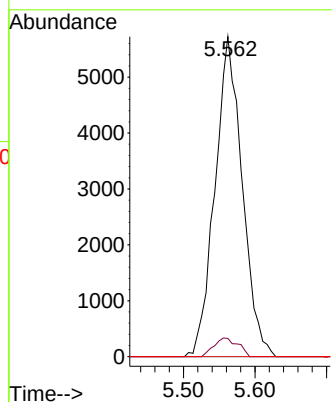


#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

Instrument :
MSVOA_X
ClientSampled :

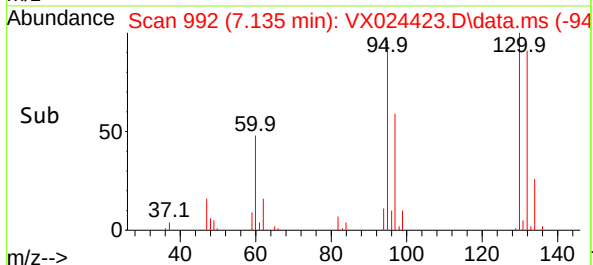
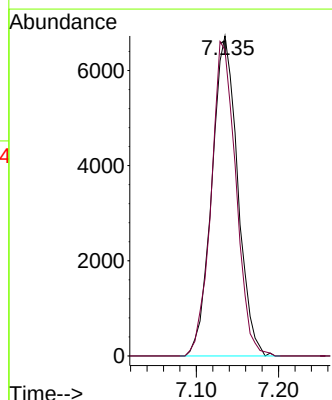
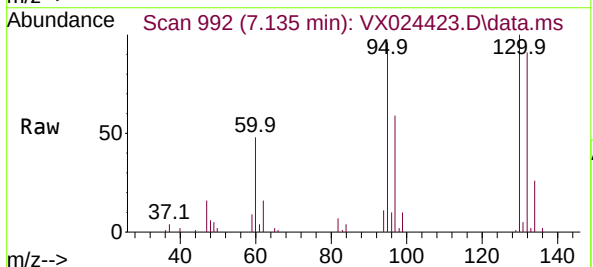


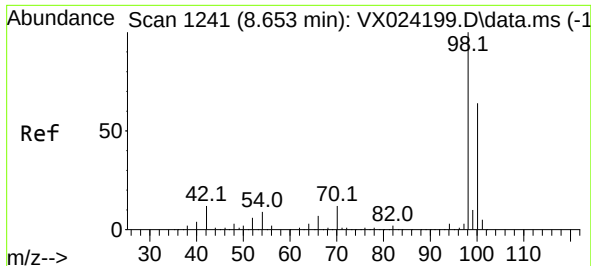
Tgt Ion:117 Resp: 15144
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 7.804 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

Tgt Ion:130 Resp: 14663
Ion Ratio Lower Upper
130 100
95 95.6 0.0 198.0

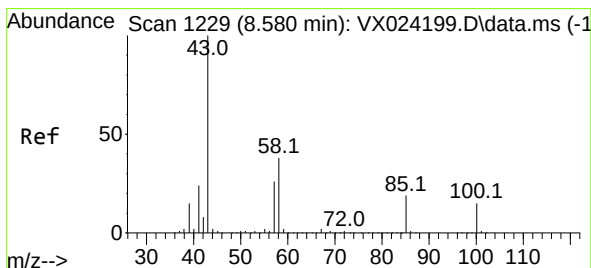
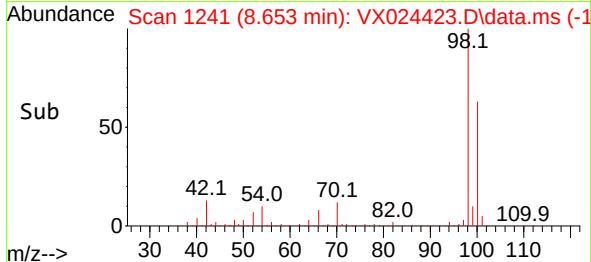
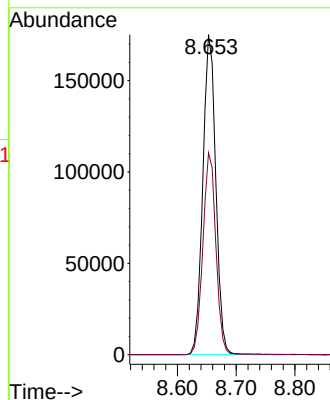
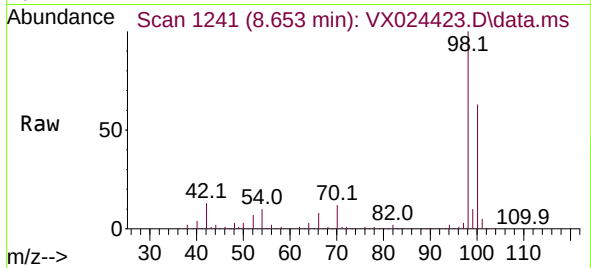




#50
Toluene-d8
Concen: 43.468 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

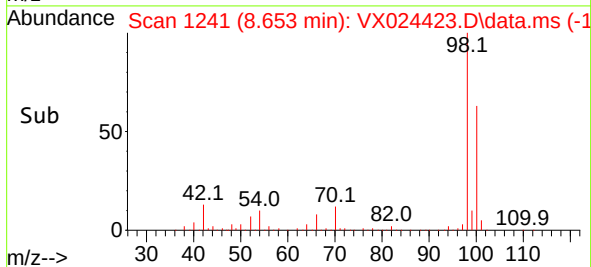
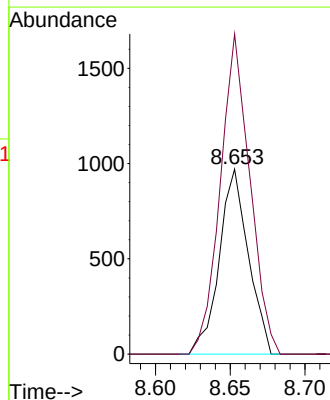
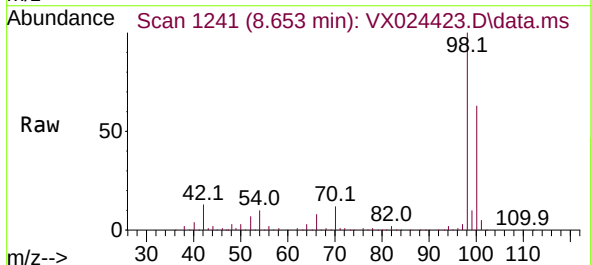
Instrument :
MSVOA_X
ClientSampled :

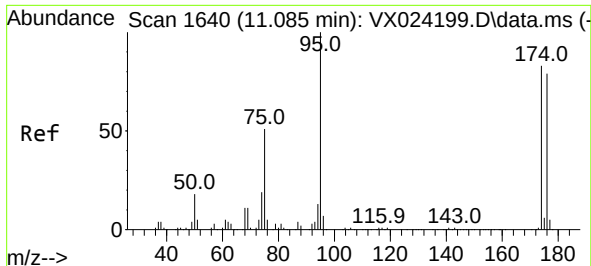
Tgt Ion: 98 Resp: 269314
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 175.8 35.4 53.0#

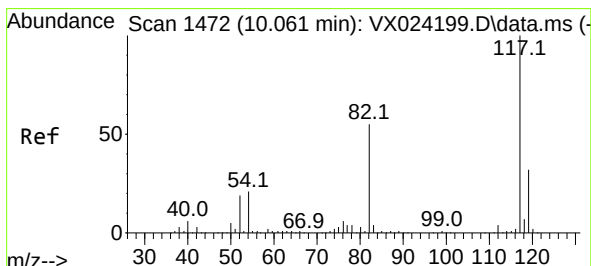
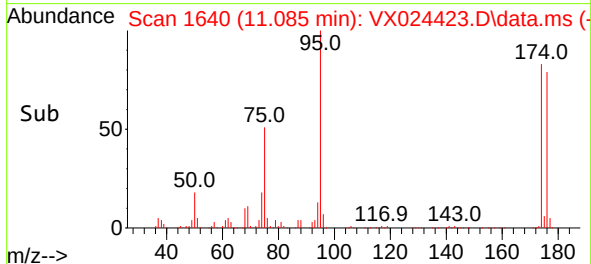
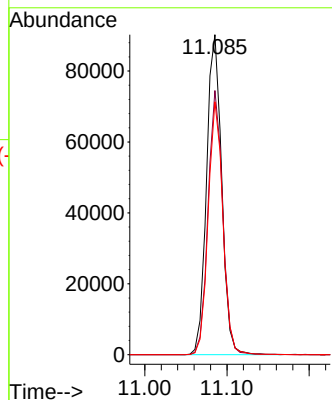
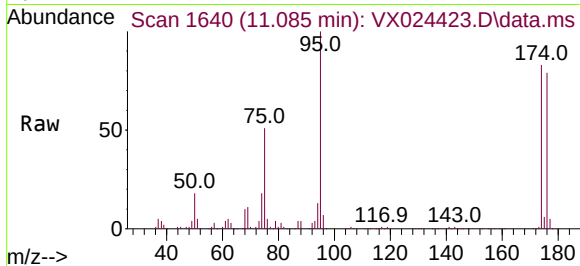




#62
4-Bromofluorobenzene
Concen: 47.938 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

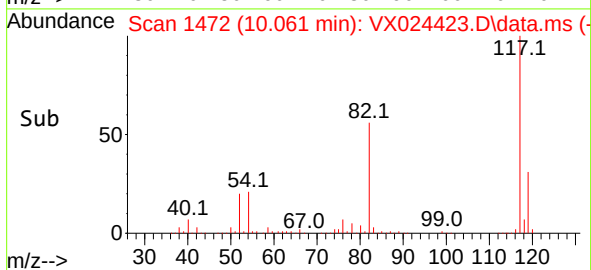
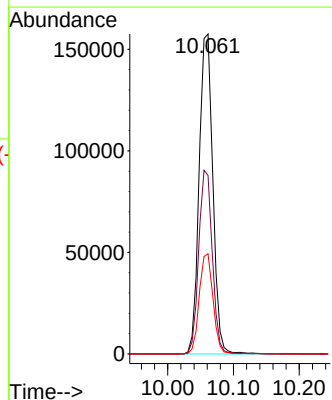
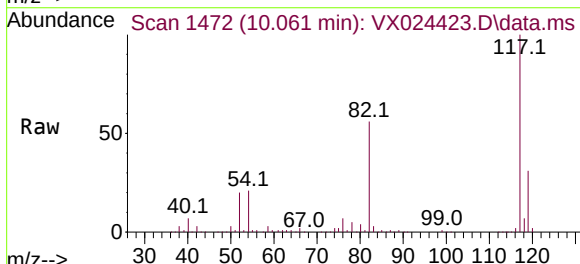
Instrument :
MSVOA_X
ClientSampleId :

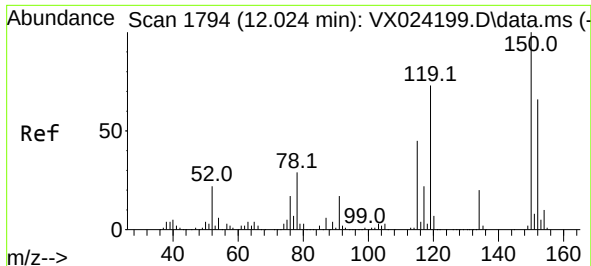
Tgt Ion: 95 Resp: 115587
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

Tgt Ion: 117 Resp: 228433
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.3 26.6 39.8

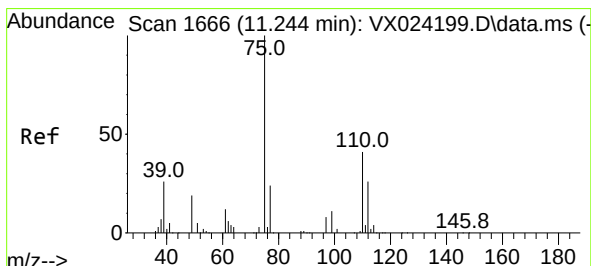
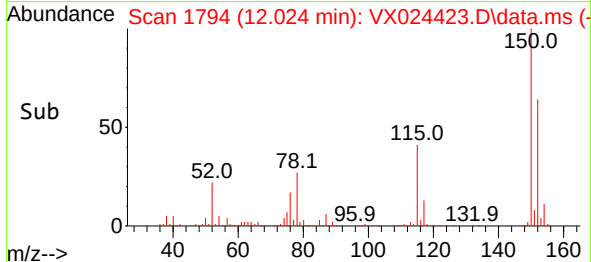
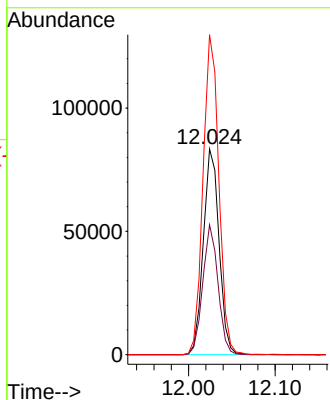
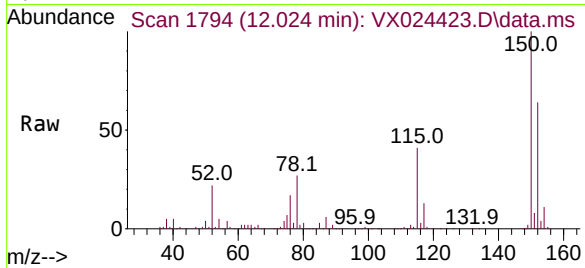




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024423.D
 Acq: 22 Sep 2021 06:57

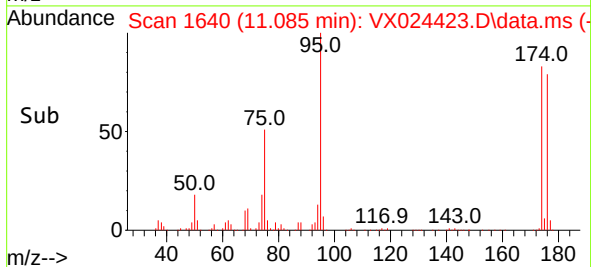
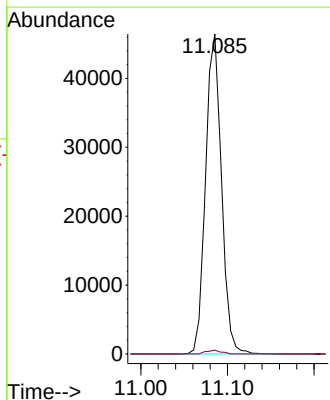
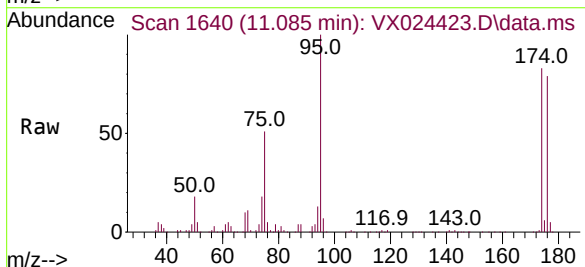
Instrument :
 MSVOA_X
 ClientSampled :

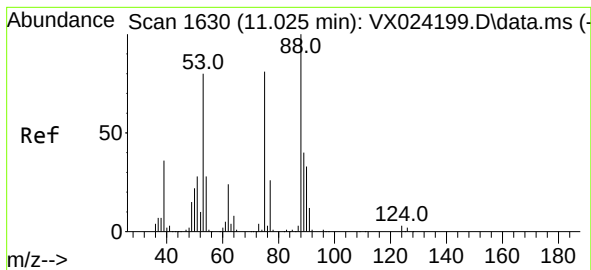
Tgt Ion:152 Resp: 105290
 Ion Ratio Lower Upper
 152 100
 115 61.2 41.1 123.3
 150 156.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.454 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024423.D
 Acq: 22 Sep 2021 06:57

Tgt Ion: 75 Resp: 59205
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.920 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX024423.D
 Acq: 22 Sep 2021 06:57

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 75 Resp: 59205
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

