

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 :
 DUP01-20210920

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)

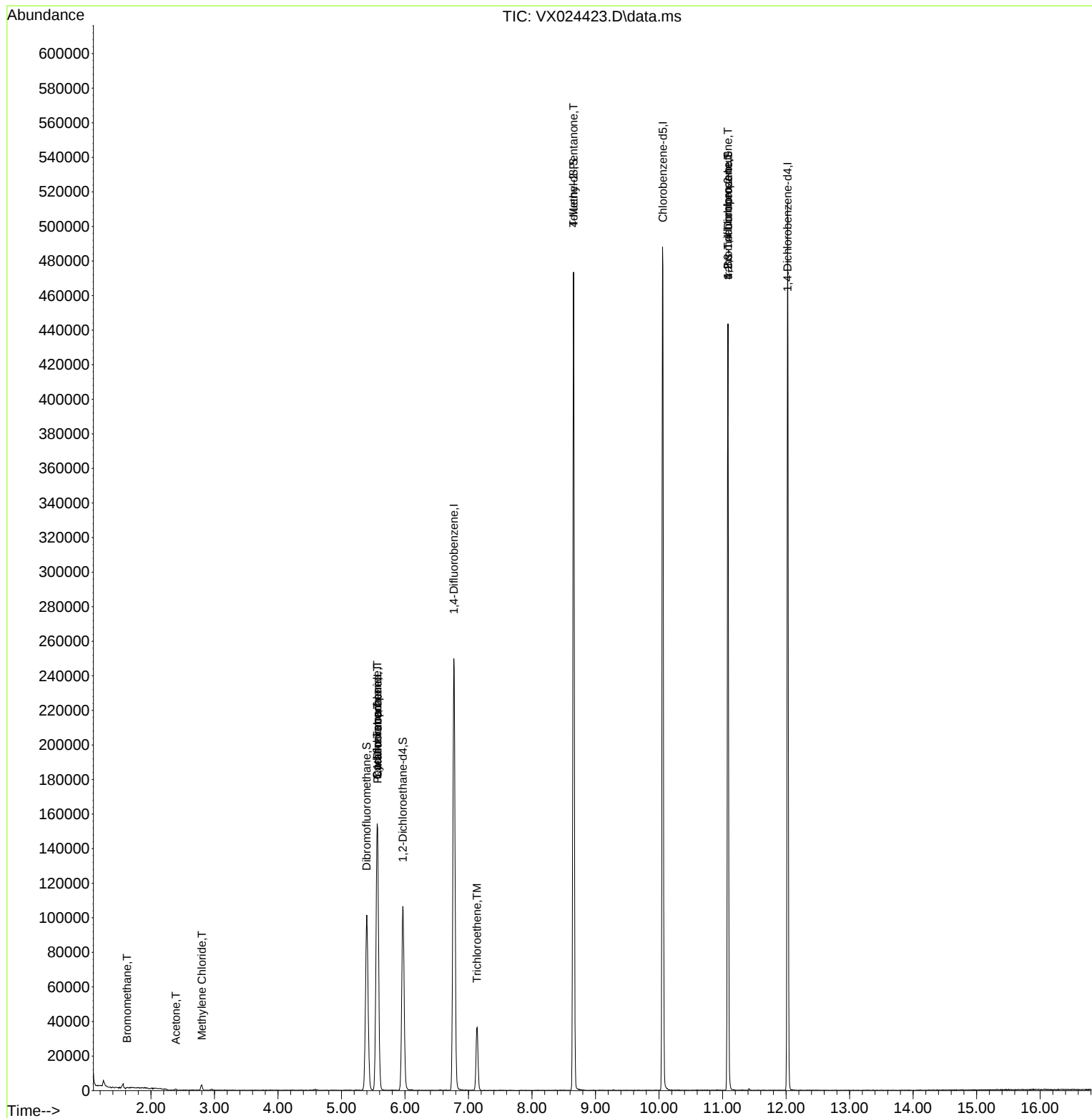
Internal Standards						
1) Pentafluorobenzene	5.568	168	144431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	253598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	228433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

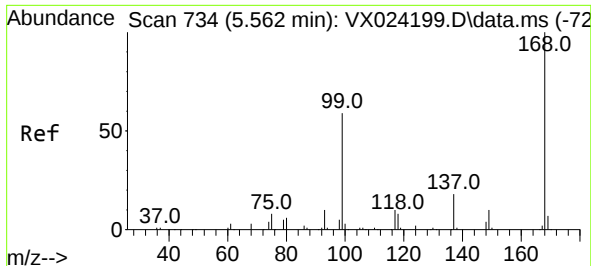
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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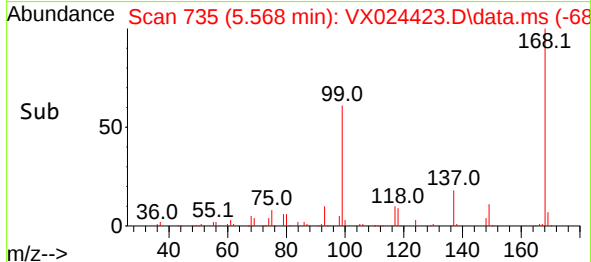
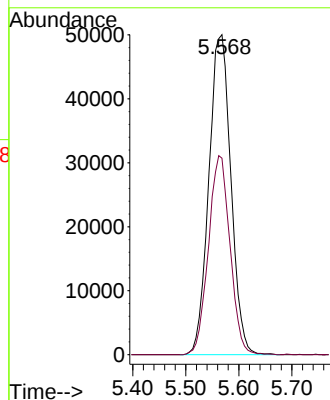
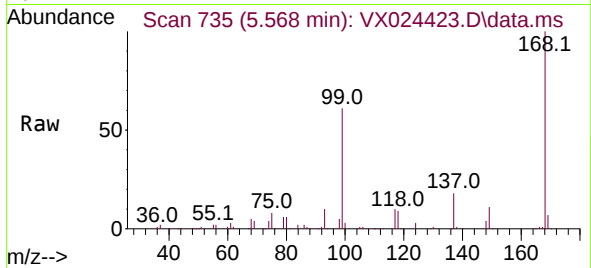




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

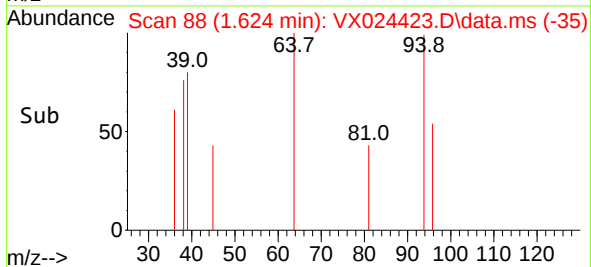
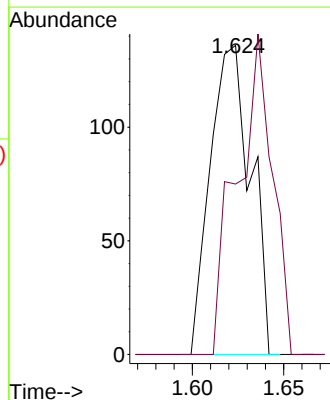
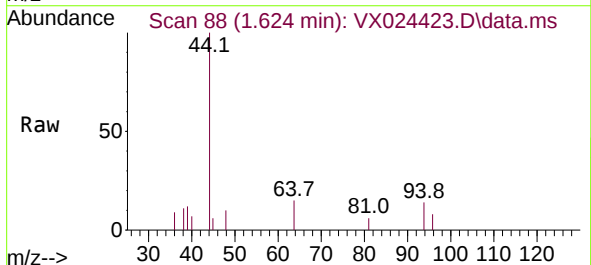
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210920

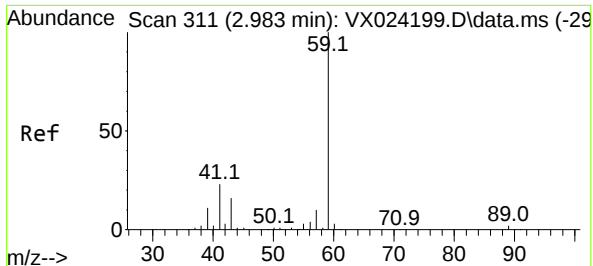
Tgt Ion:168 Resp: 144431
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#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#



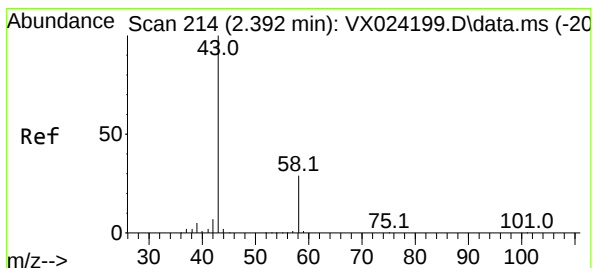
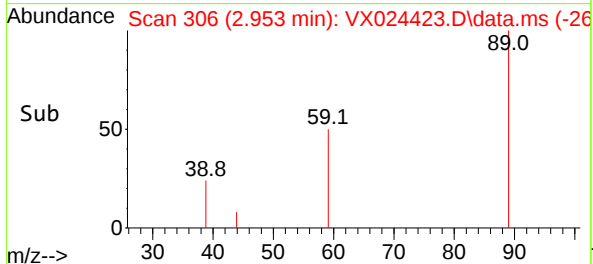
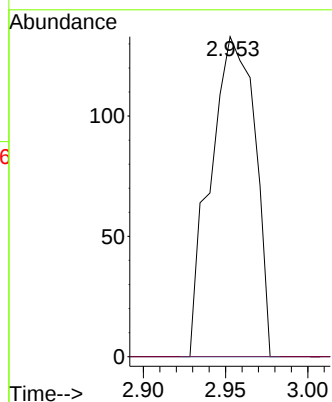
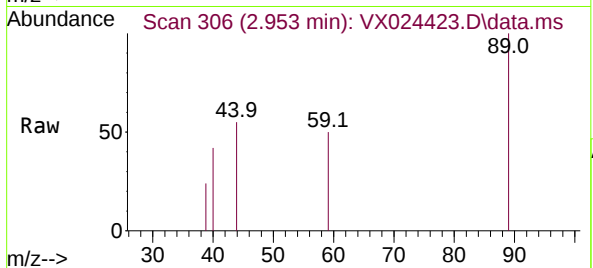


#11

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
ClientSampleId :
DUP01-20210920

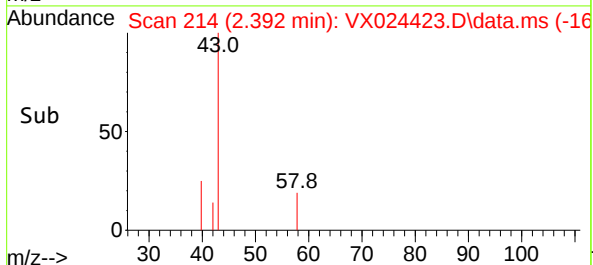
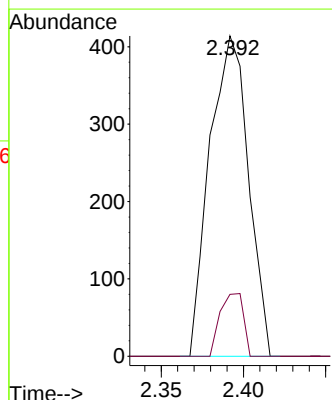
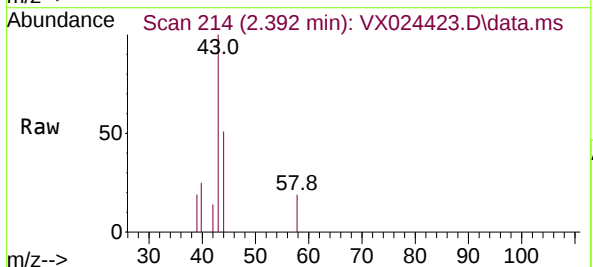
Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

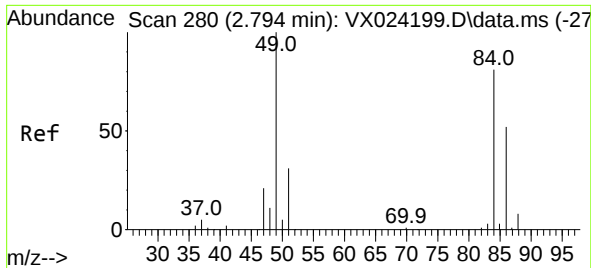


#16

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#

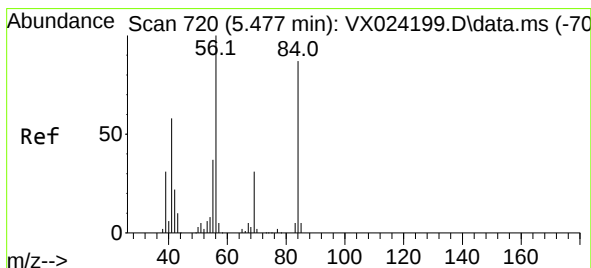
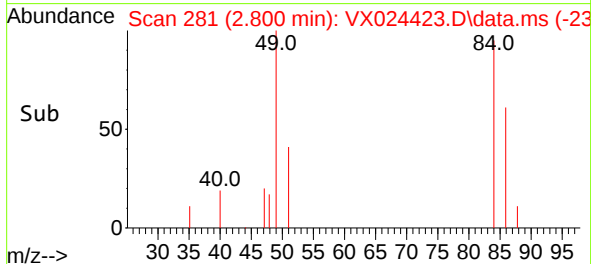
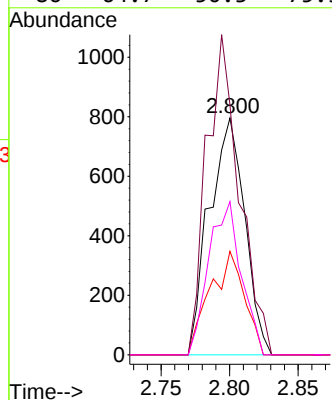
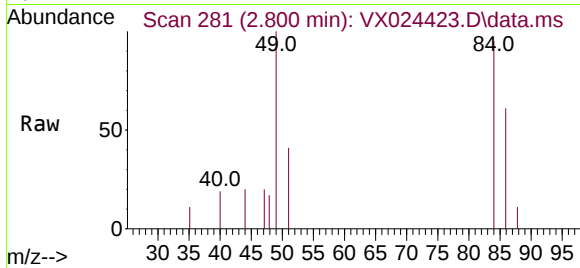




#20
Methylene Chloride
Concen: 0.849 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

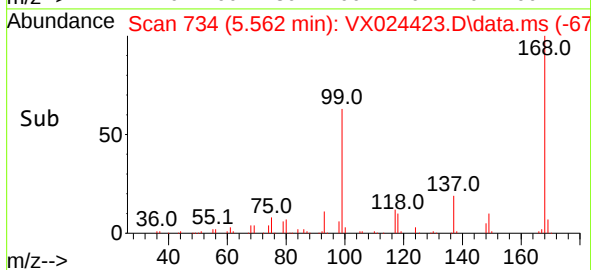
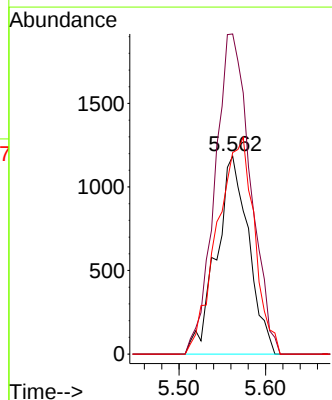
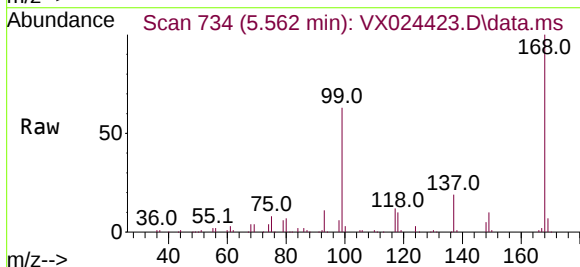
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210920

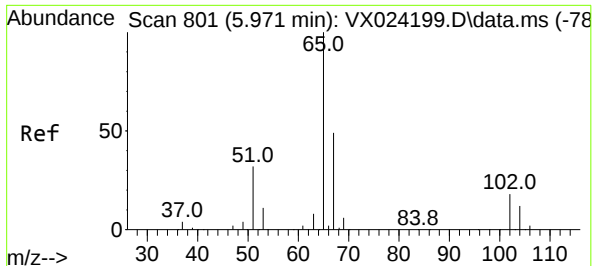
Tgt Ion:	84	Resp:	1431
Ion	Ratio	Lower	Upper
84	100		
49	105.5	88.6	132.8
51	43.7	27.0	40.6#
86	64.7	50.3	75.5



#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



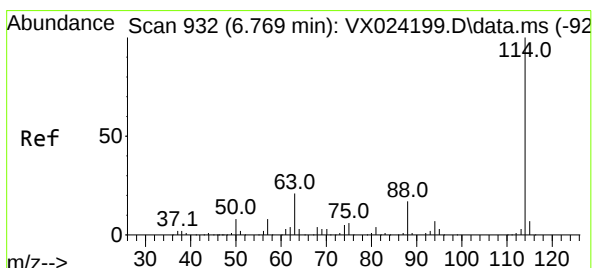
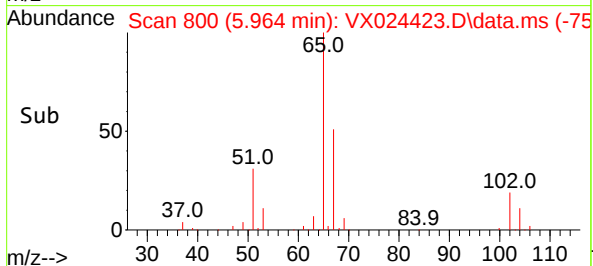
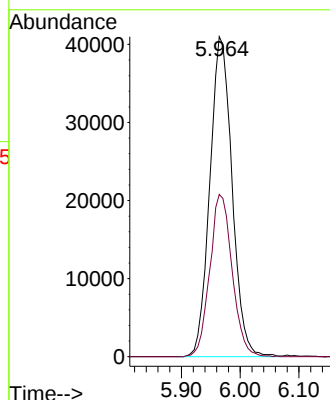
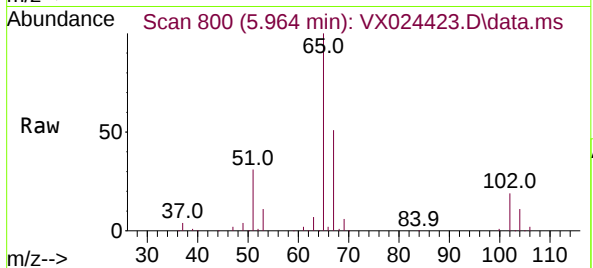


#33

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 :
DUP01-20210920

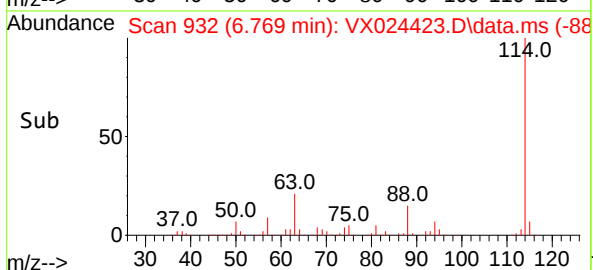
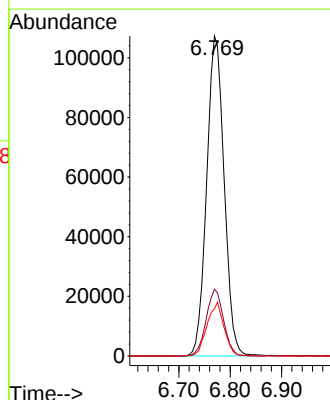
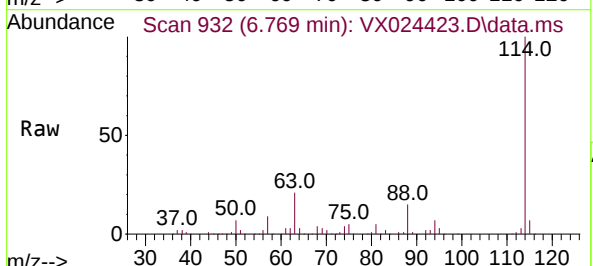
Tgt Ion: 65 Resp: 107640
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

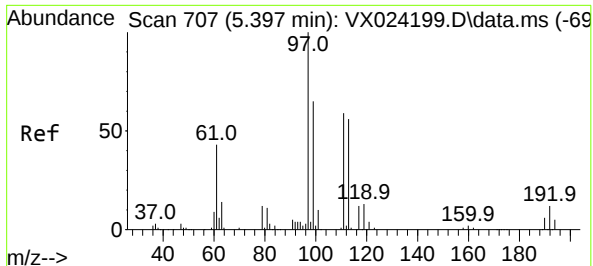


#34

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

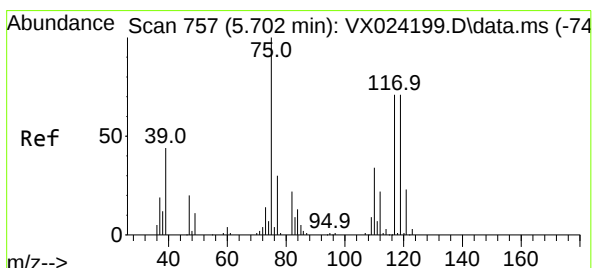
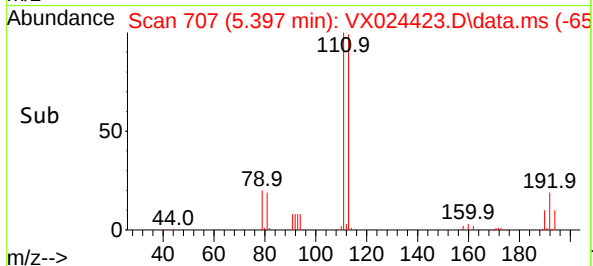
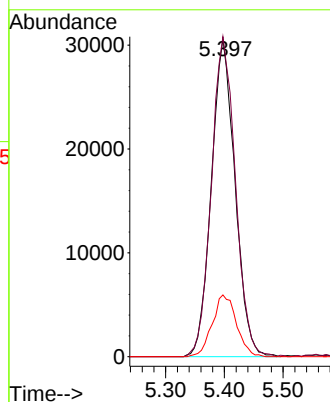
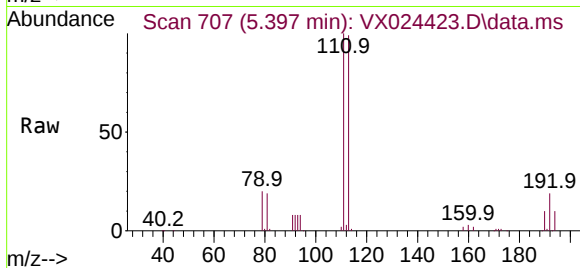
Tgt Ion:113 Resp: 85444

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 19.9 16.7 25.1



#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

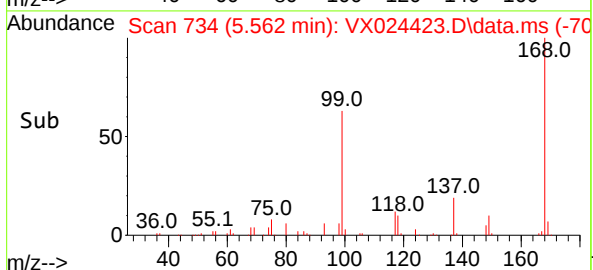
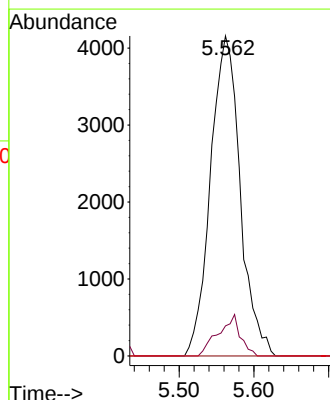
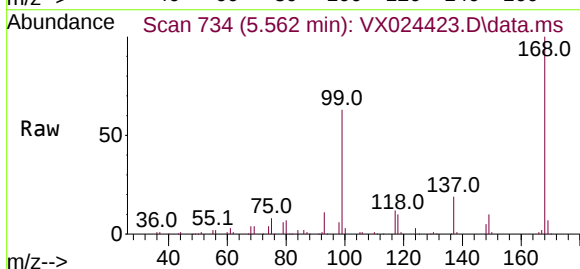
Tgt Ion: 75 Resp: 11448

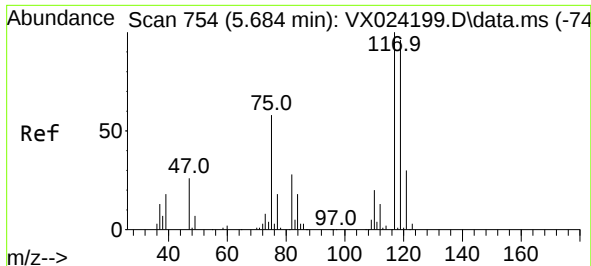
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

77 0.0 25.3 37.9#

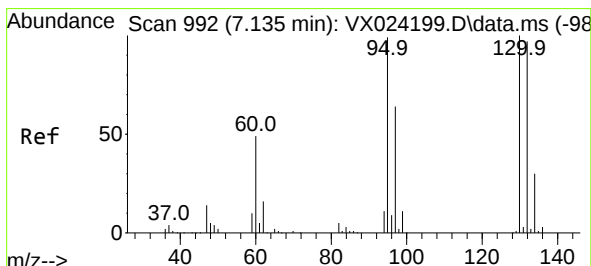
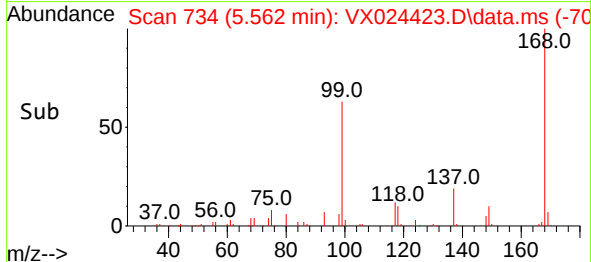
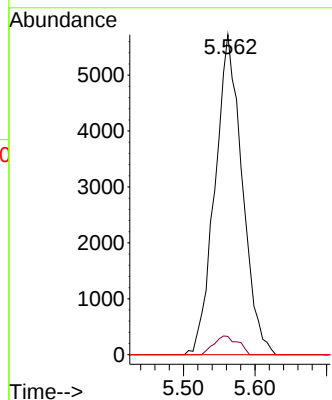
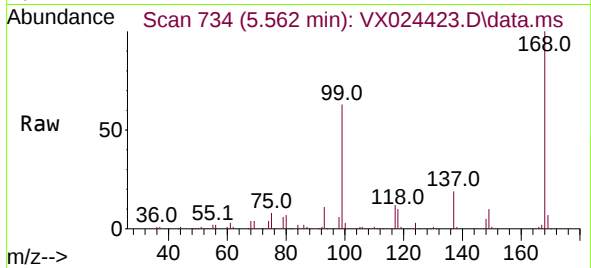




#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

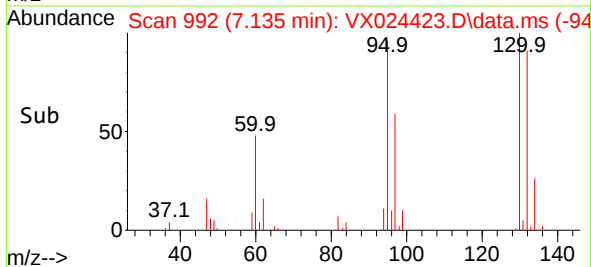
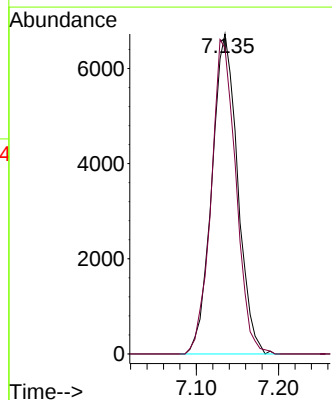
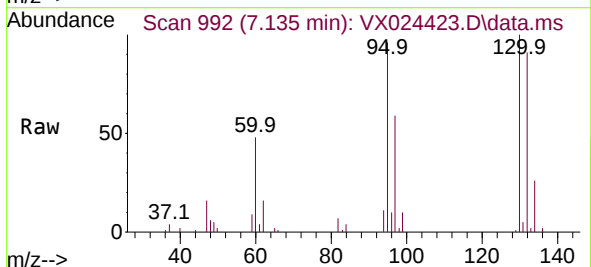
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210920

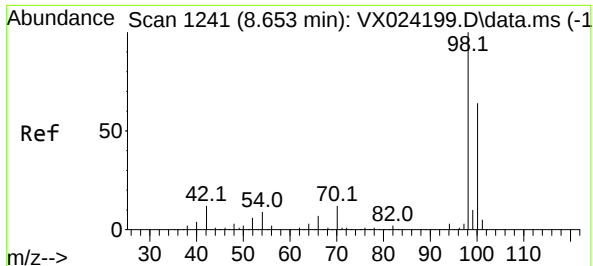
Tgt Ion:117 Resp: 15144
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#



#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

Tgt Ion: 98 Resp: 269314

Ion Ratio Lower Upper

98 100

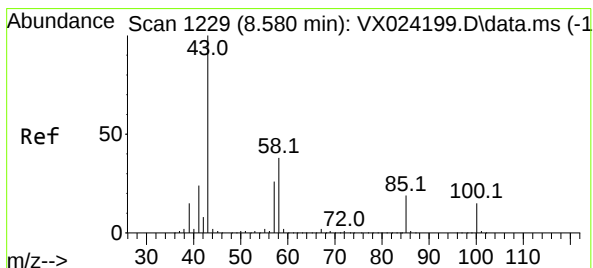
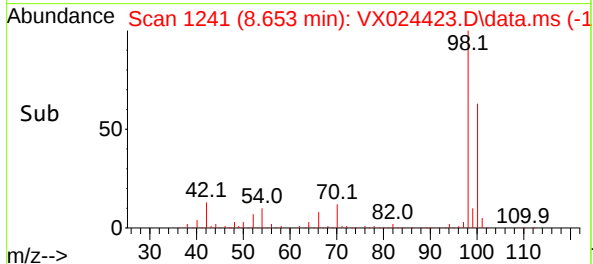
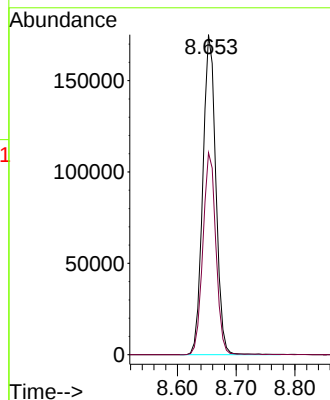
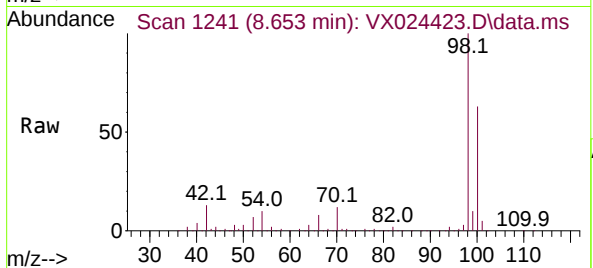
100 63.1 51.9 77.9

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20210920



#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

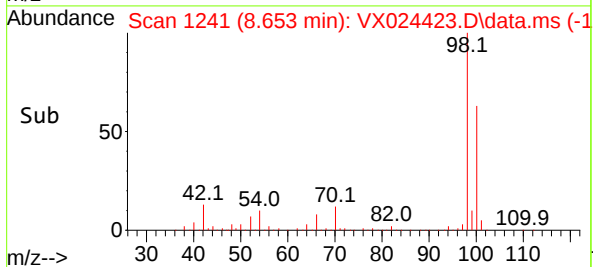
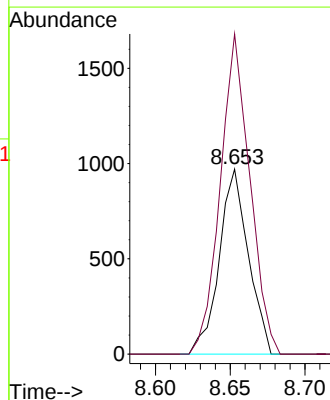
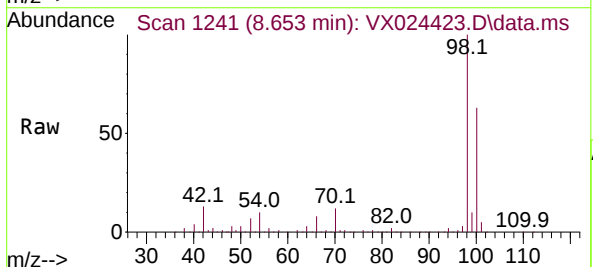
Acq: 22 Sep 2021 06:57

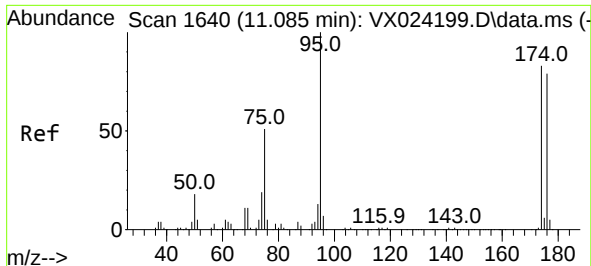
Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

43 100

58 175.8 35.4 53.0#

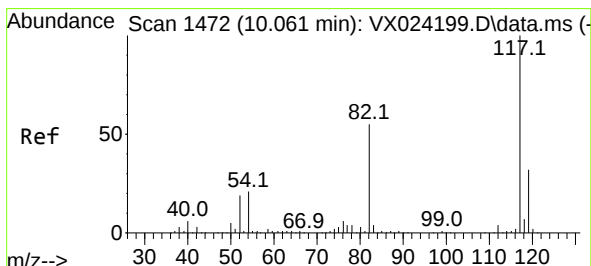
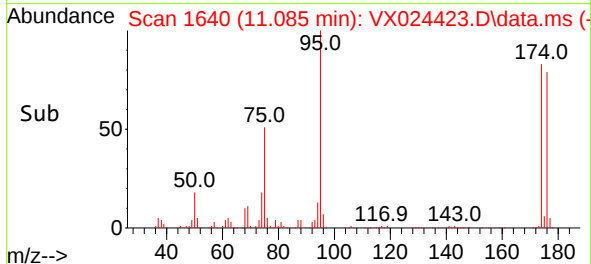
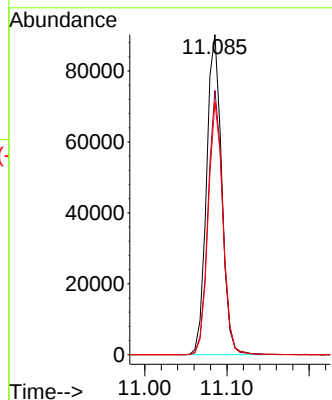
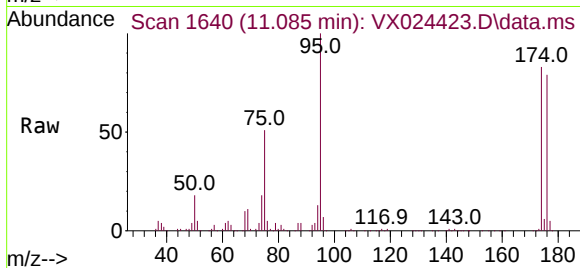




#62
4-Bromofluorobenzene
Concen: 47.938 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024423.D
Acq: 22 Sep 2021 06:57

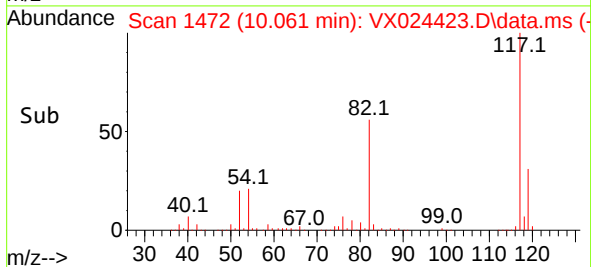
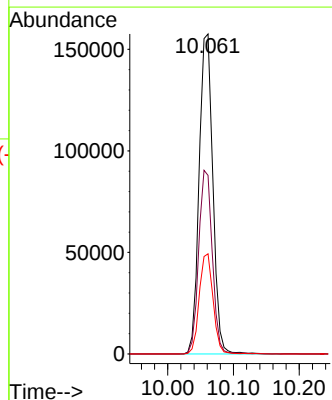
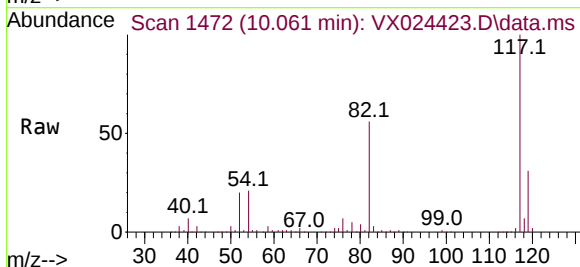
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210920

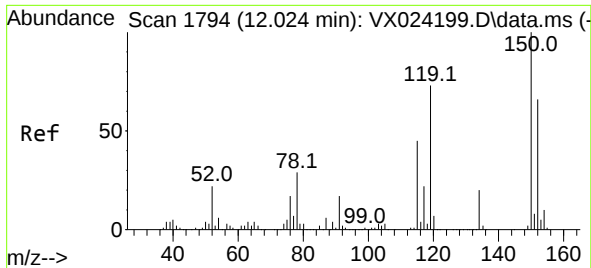
Tgt Ion: 95 Resp: 115587
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 76.7 0.0 155.8



#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

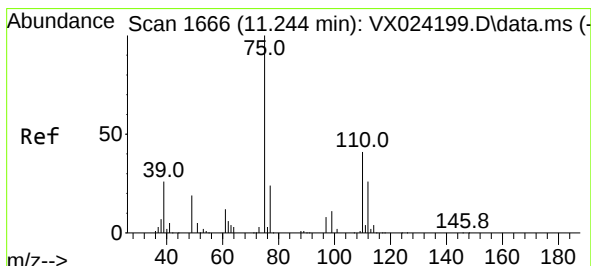
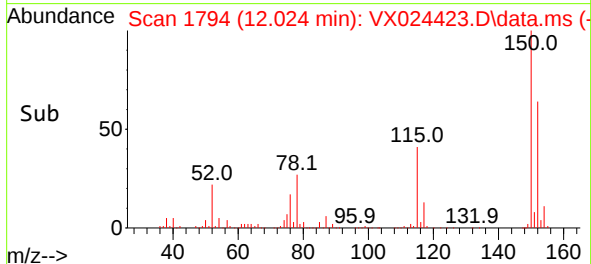
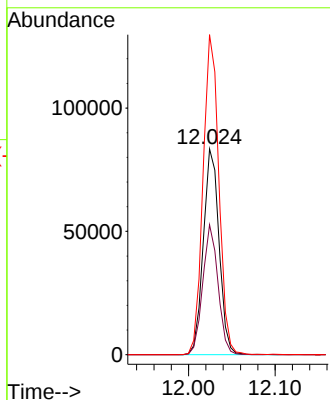
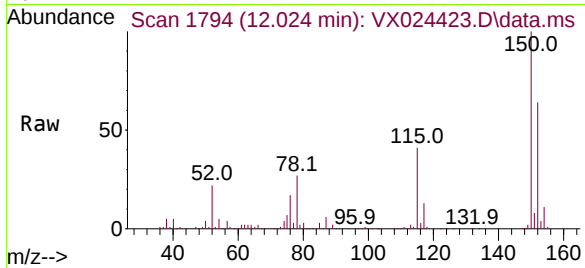




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024423.D
 Acq: 22 Sep 2021 06:57

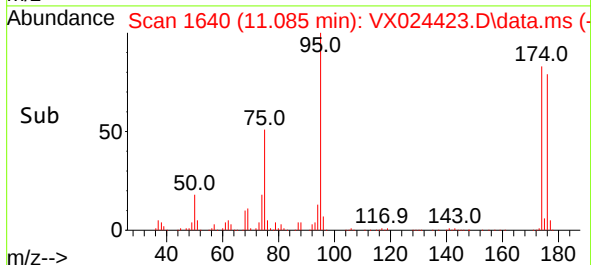
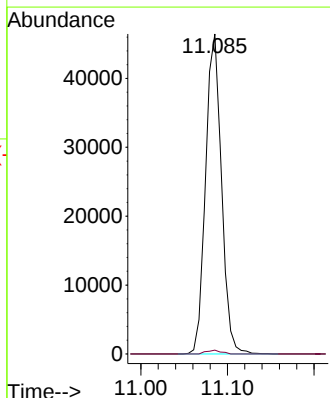
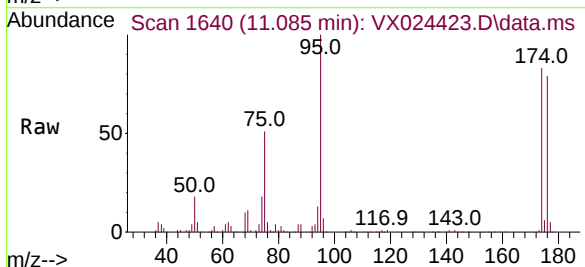
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210920

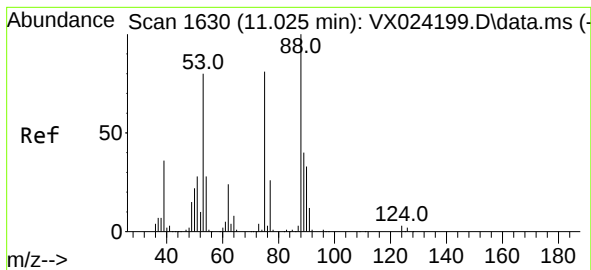
Tgt Ion:152 Resp: 105290
 Ion Ratio Lower Upper
 152 100
 115 61.2 41.1 123.3
 150 156.0 0.0 349.0



#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
 ClientSampleId :
 DUP01-20210920

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#

