

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024424.D
 Acq On : 22 Sep 2021 07:20
 Operator : JC/MD
 Sample : M3833-06 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 08:35:39 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)

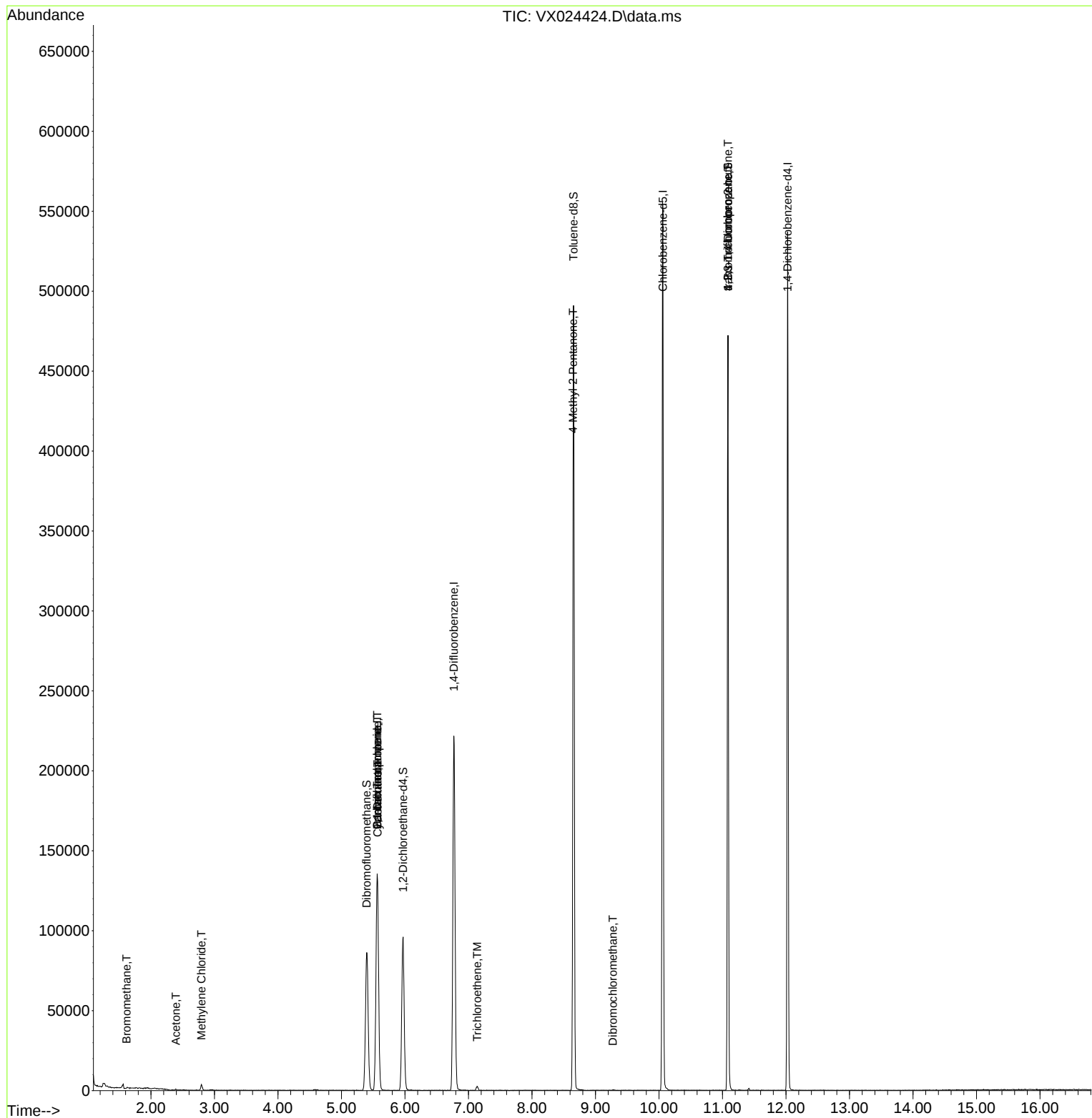
Internal Standards						
1) Pentafluorobenzene	5.562	168	125837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	255791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	95470	53.205	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.400%	
35) Dibromofluoromethane	5.397	113	73422	49.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.240%	
50) Toluene-d8	8.653	98	278653	51.691	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	11.085	95	120389	57.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	255	0.341	ug/l #	44
11) Tert butyl alcohol	2.971	59	153	Below Cal	#	73
16) Acetone	2.392	43	691	0.903	ug/l #	85
20) Methylene Chloride	2.794	84	1339	0.911	ug/l #	85
31) Cyclohexane	5.568	56	2976	1.418	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	9836	4.849	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13341	5.843	ug/l #	15
44) Trichloroethene	7.135	130	1058	0.647	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1277	0.533	ug/l #	1
60) Dibromochloromethane	9.275	129	36	1.745	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60811	24.303	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60811	71.474	ug/l #	12

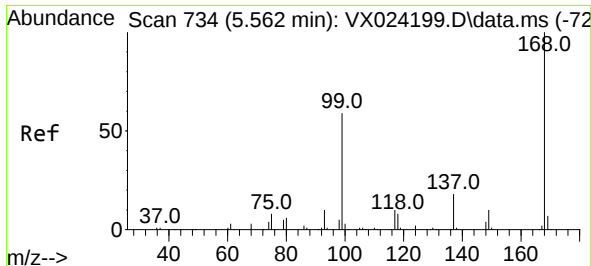
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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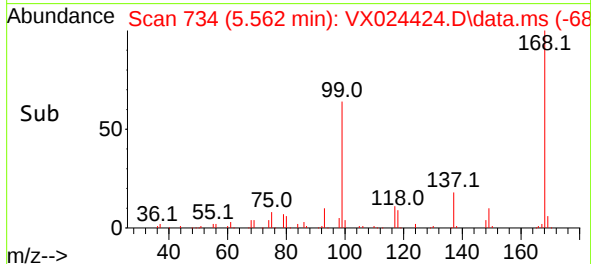
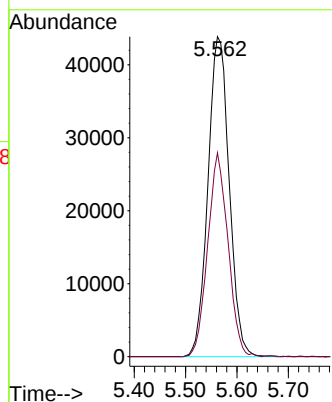
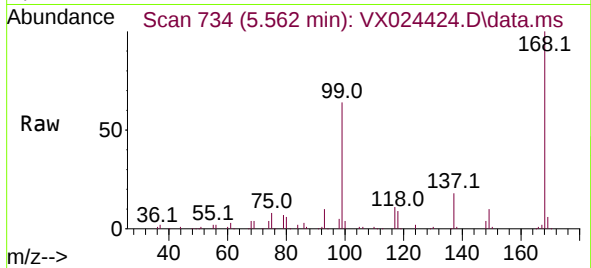




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

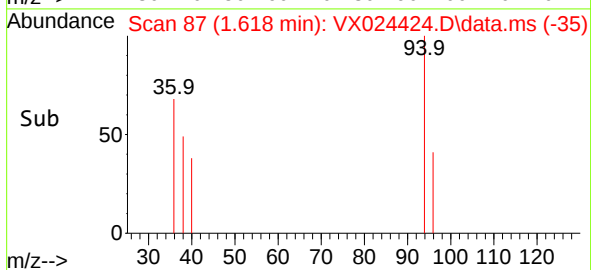
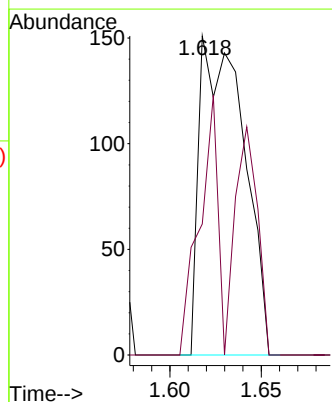
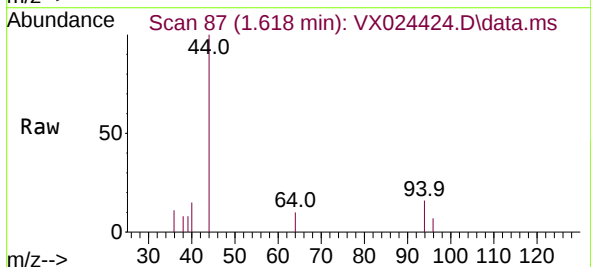
Instrument :
MSVOA_X
ClientSampled :

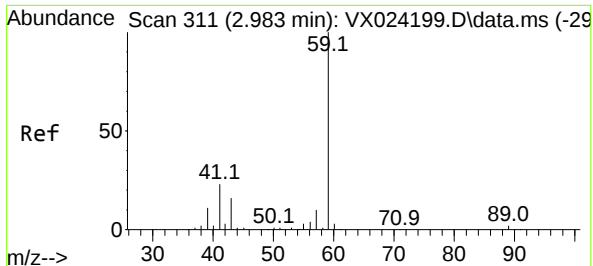
Tgt Ion:168 Resp: 125837
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.6



#5
Bromomethane
Concen: 0.341 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 41.1 76.4 114.6#



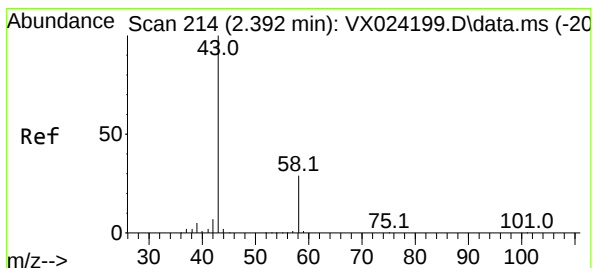
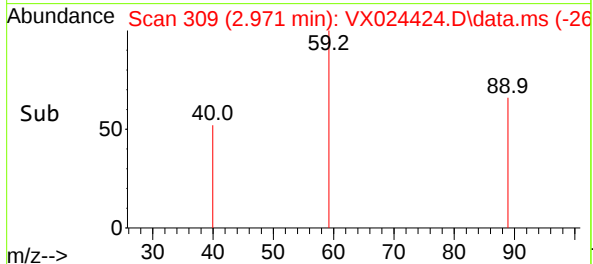
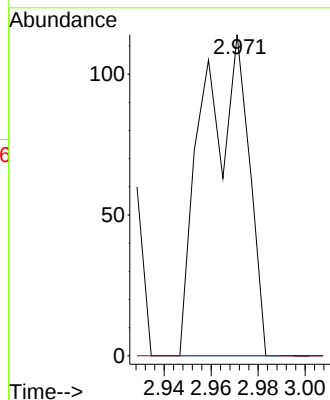
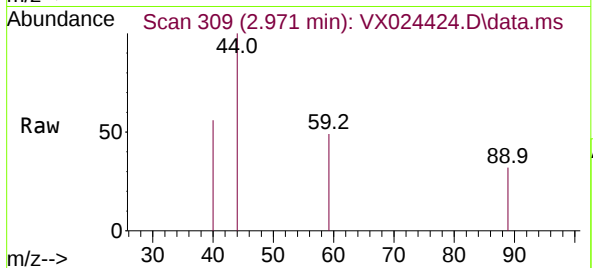


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Instrument :
MSVOA_X
ClientSampled :

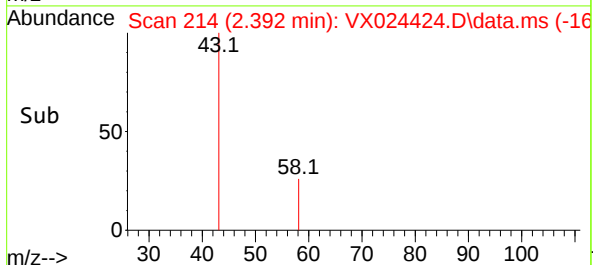
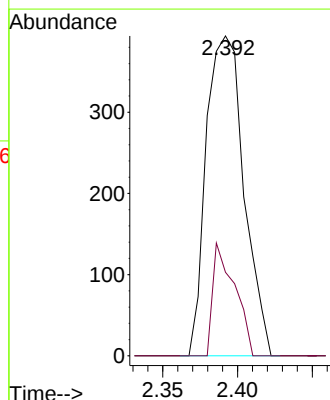
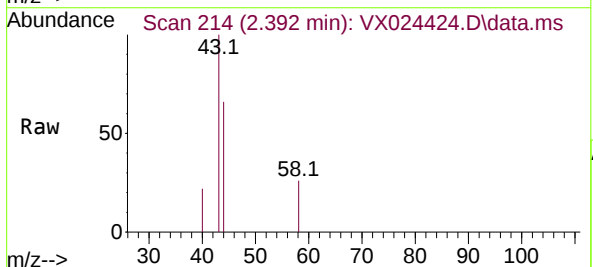
Tgt Ion: 59 Resp: 153
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

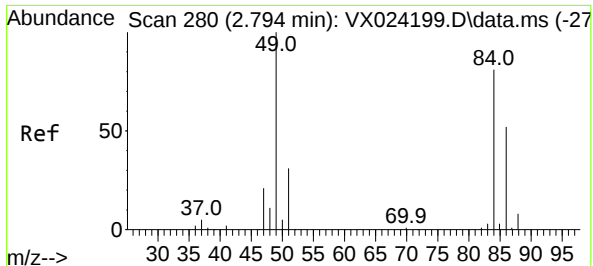


#16

Acetone
Concen: 0.903 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 26.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.911 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024424.D

Acq: 22 Sep 2021 07:20

Tgt Ion: 84 Resp: 1339

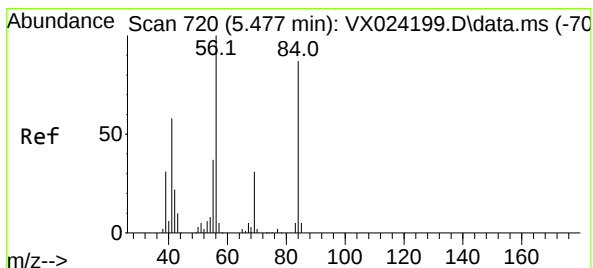
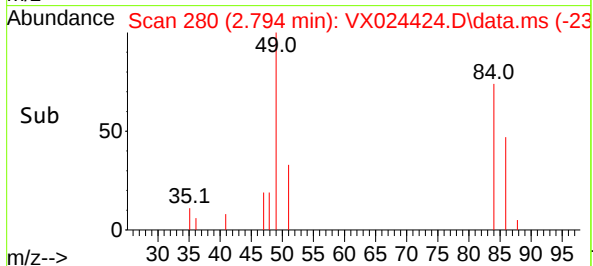
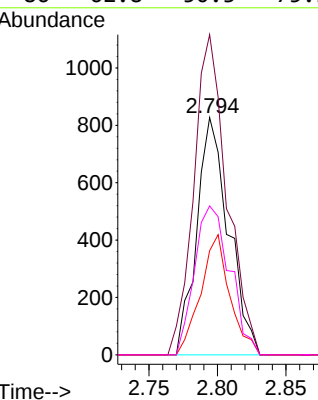
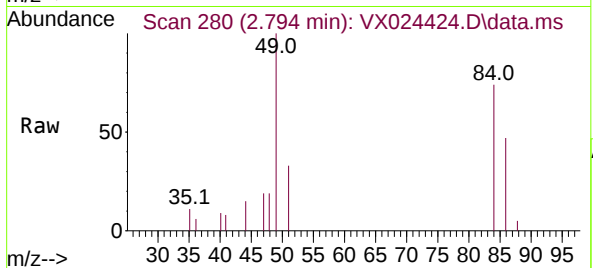
Ion Ratio Lower Upper

84 100

49 134.9 88.6 132.8#

51 43.9 27.0 40.6#

86 62.8 50.3 75.5



#31

Cyclohexane

Concen: 1.418 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024424.D

Acq: 22 Sep 2021 07:20

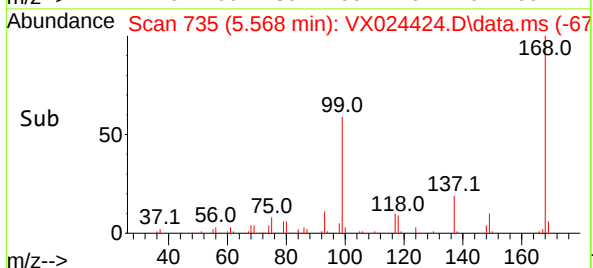
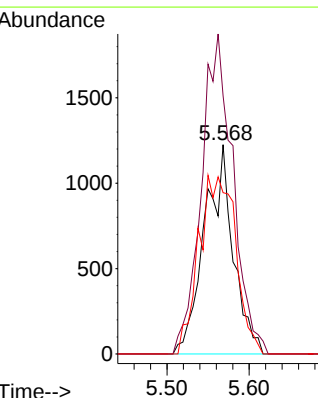
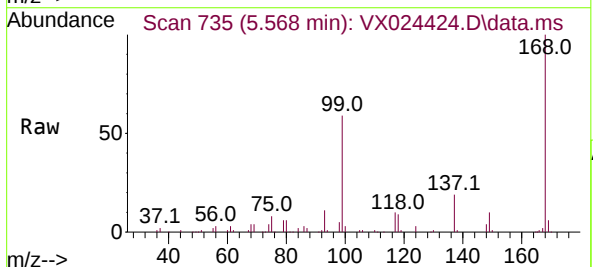
Tgt Ion: 56 Resp: 2976

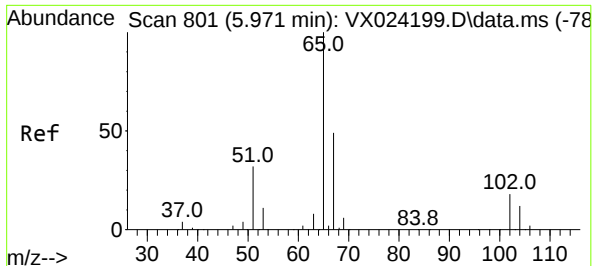
Ion Ratio Lower Upper

56 100

69 123.3 25.3 37.9#

84 77.1 71.4 107.0



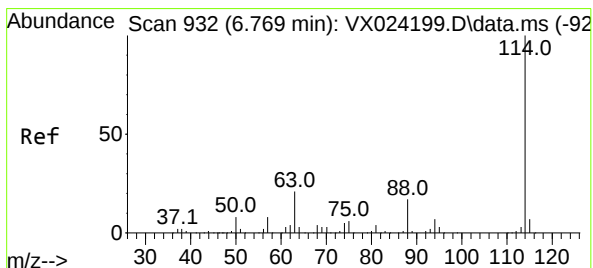
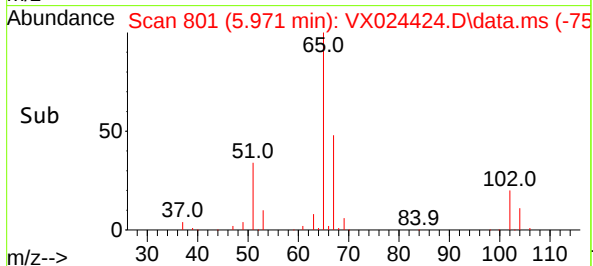
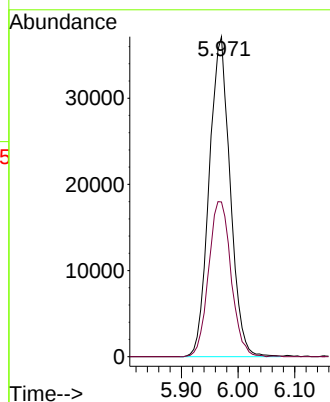
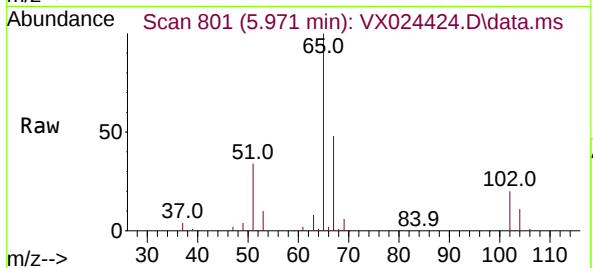


#33

1,2-Dichloroethane-d4
Concen: 53.205 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Instrument :
MSVOA_X
ClientSampled :

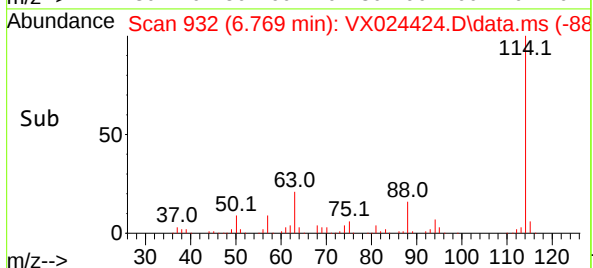
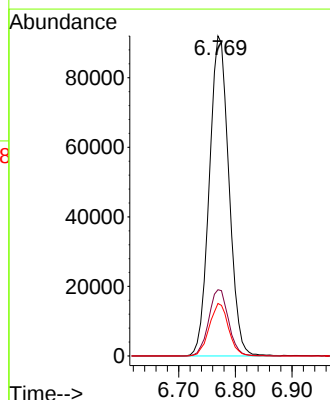
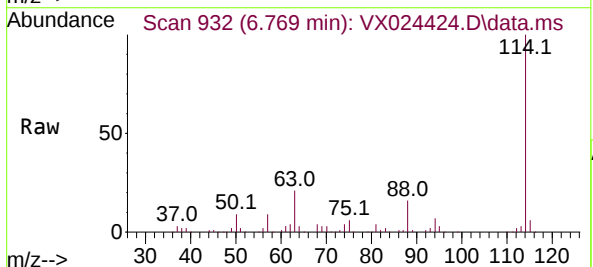
Tgt Ion: 65 Resp: 95470
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

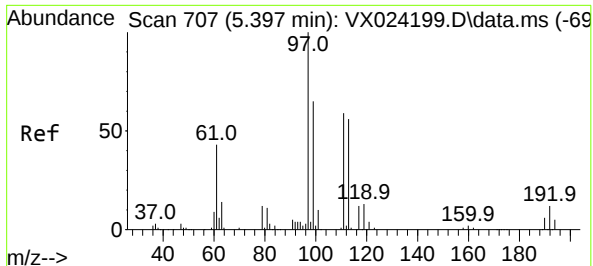


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Tgt Ion: 114 Resp: 220648
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.618 ug/l

RT: 5.397 min Scan# 707

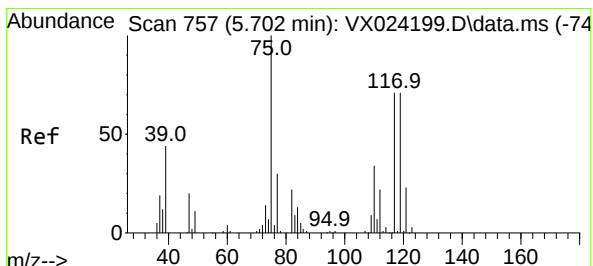
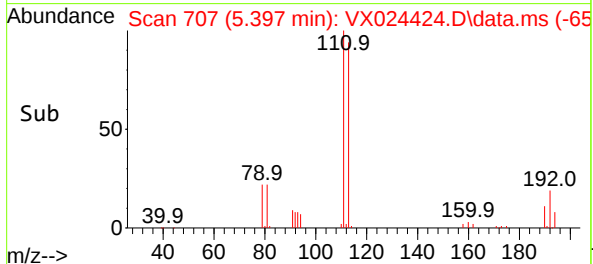
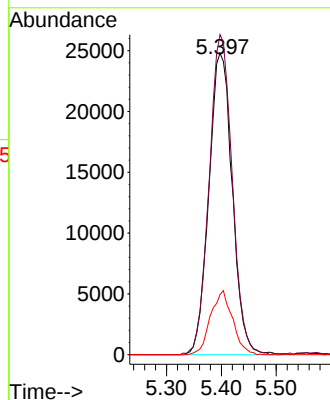
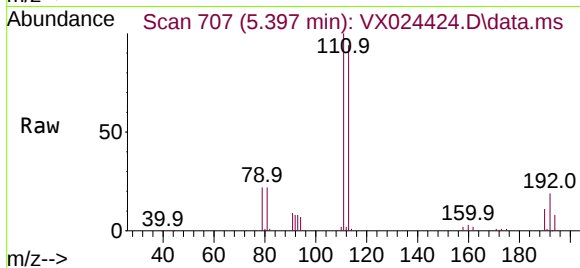
Delta R.T. 0.000 min

Lab File: VX024424.D

Acq: 22 Sep 2021 07:20

Tgt Ion:	113	Resp:	73422
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	20.0	16.7	25.1

Instrument :
MSVOA_X
ClientSampled :



#36

1,1-Dichloropropene

Concen: 4.849 ug/l

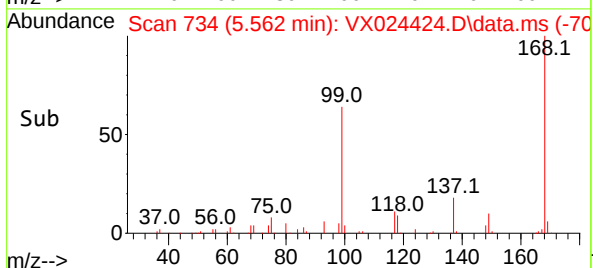
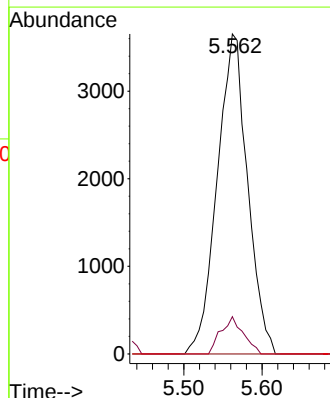
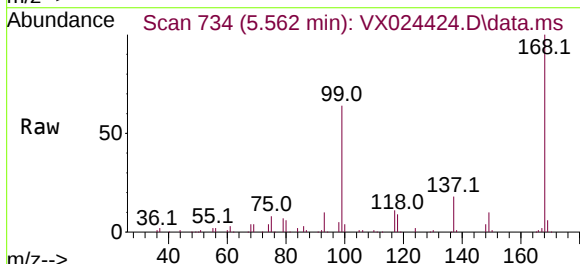
RT: 5.562 min Scan# 734

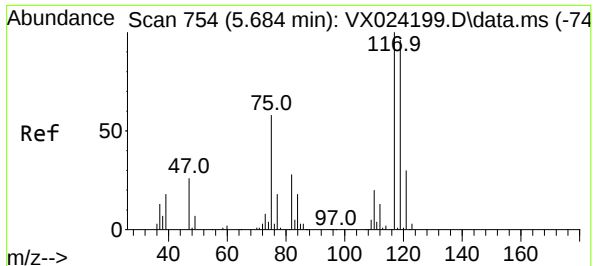
Delta R.T. -0.140 min

Lab File: VX024424.D

Acq: 22 Sep 2021 07:20

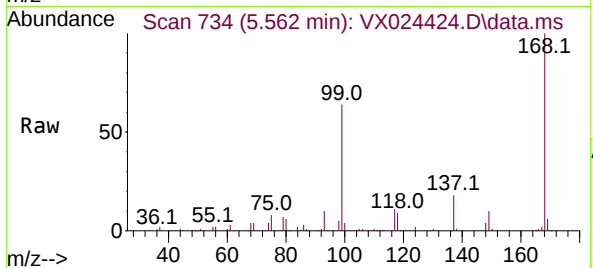
Tgt Ion:	75	Resp:	9836
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#



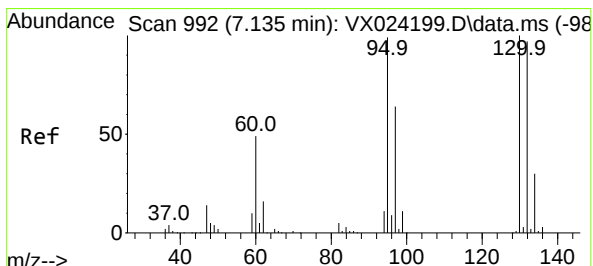
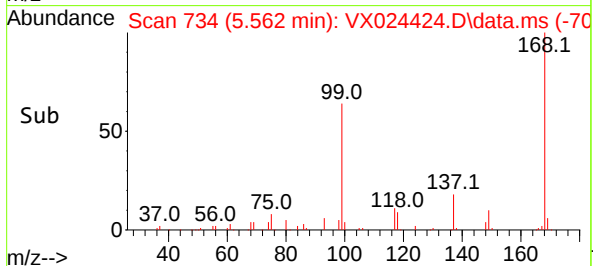
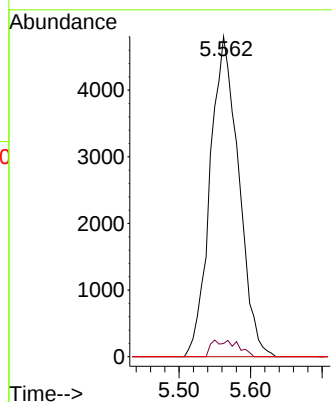


#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Instrument :
MSVOA_X
ClientSampled :

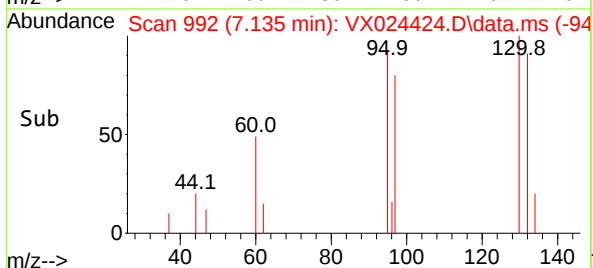
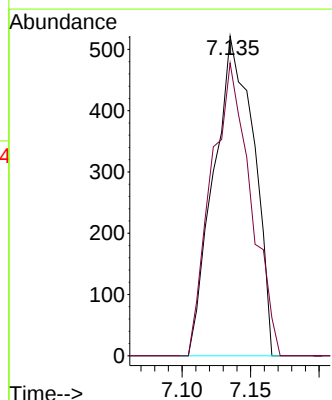
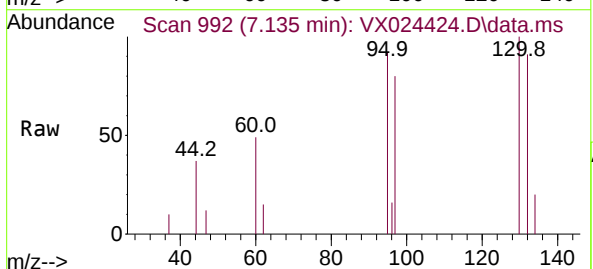


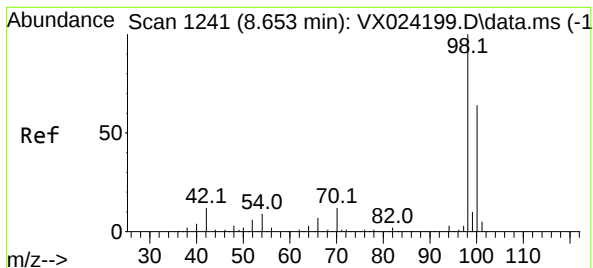
Tgt Ion:117 Resp: 13341
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.647 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Tgt Ion:130 Resp: 1058
Ion Ratio Lower Upper
130 100
95 91.6 0.0 198.0

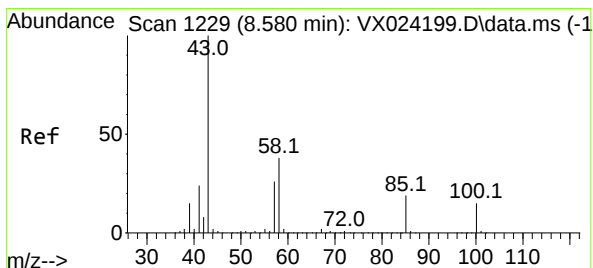
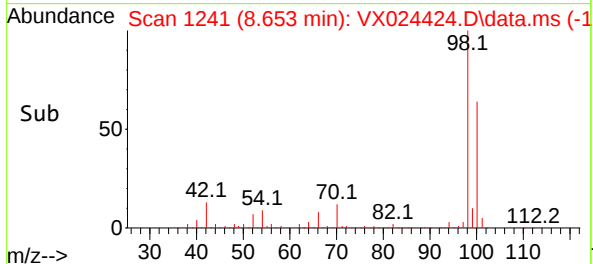
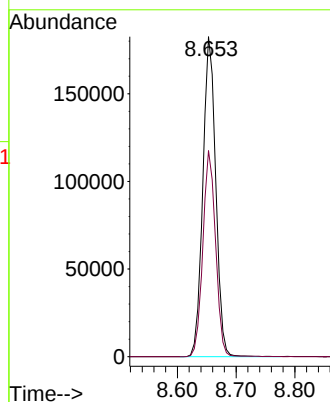
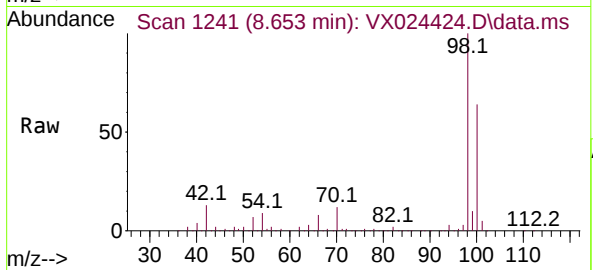




#50
Toluene-d8
Concen: 51.691 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

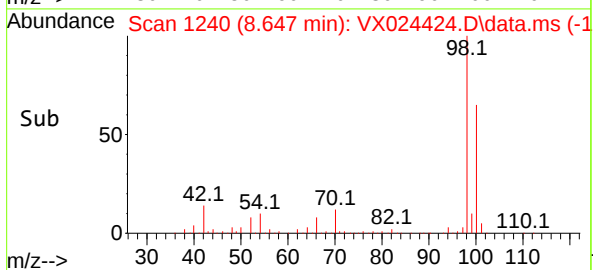
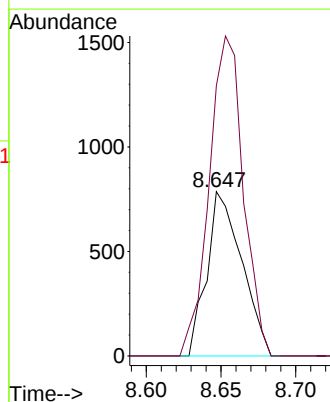
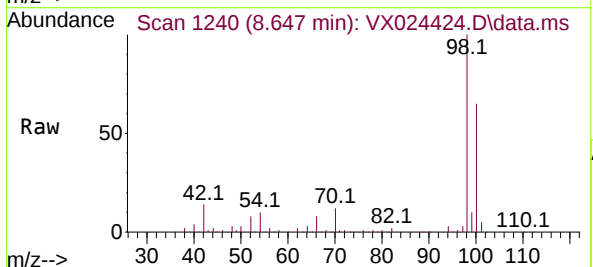
Instrument :
MSVOA_X
ClientSampled :

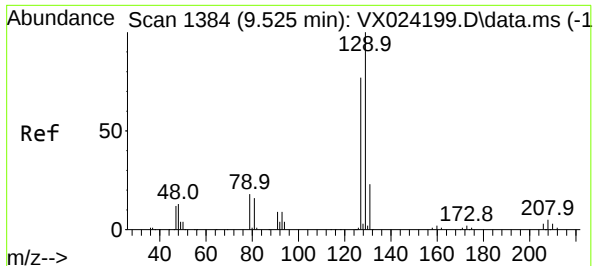
Tgt Ion: 98 Resp: 278653
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.533 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 190.7 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.745 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024424.D

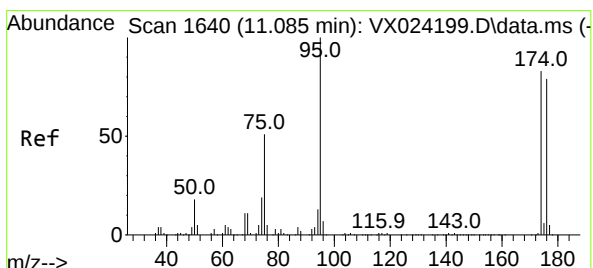
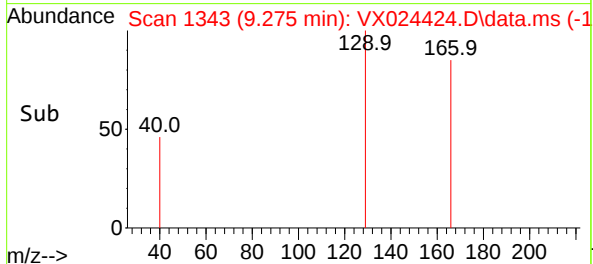
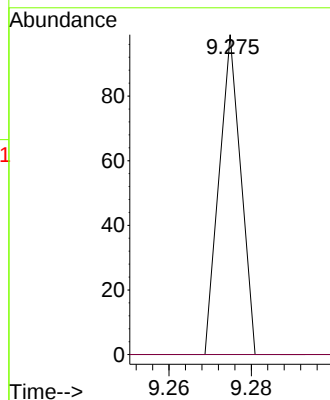
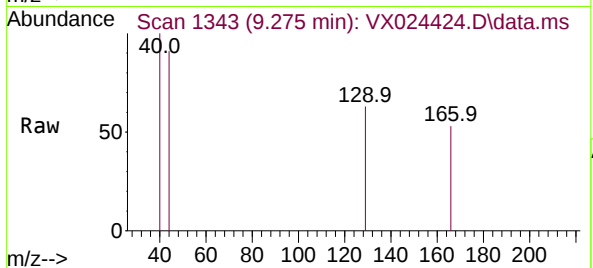
Acq: 22 Sep 2021 07:20

Tgt Ion:129 Resp: 36

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 57.386 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024424.D

Acq: 22 Sep 2021 07:20

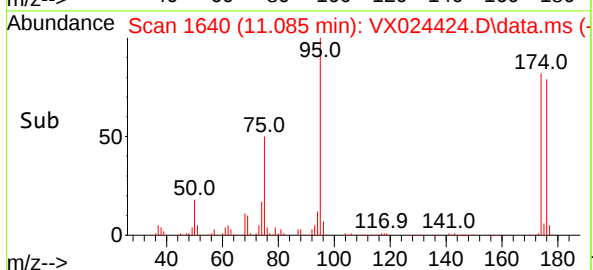
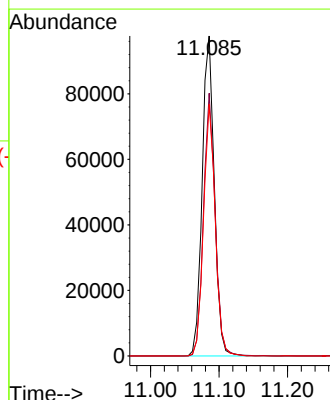
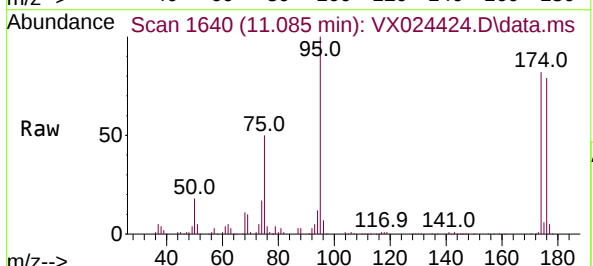
Tgt Ion: 95 Resp: 120389

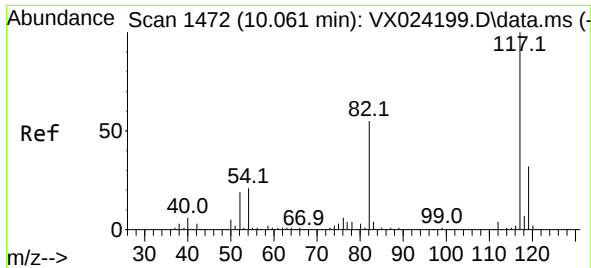
Ion Ratio Lower Upper

95 100

174 78.9 0.0 154.6

176 76.1 0.0 155.8

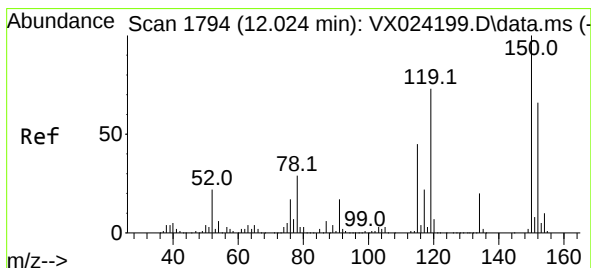
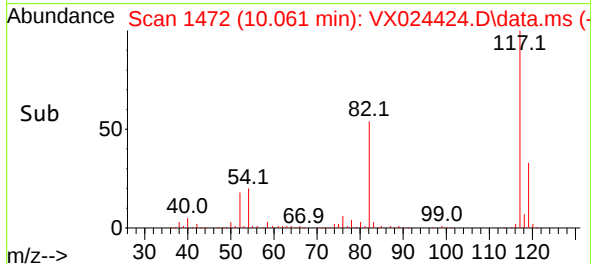
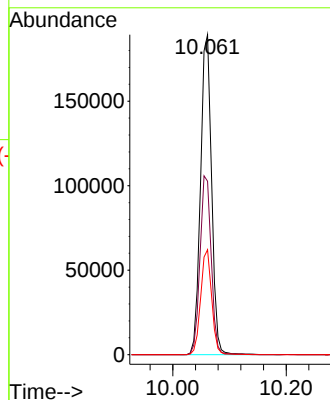
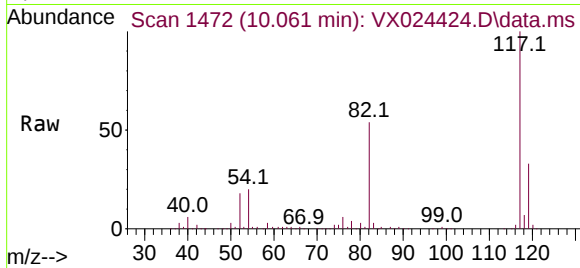




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

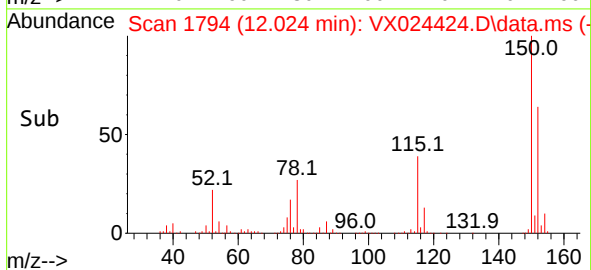
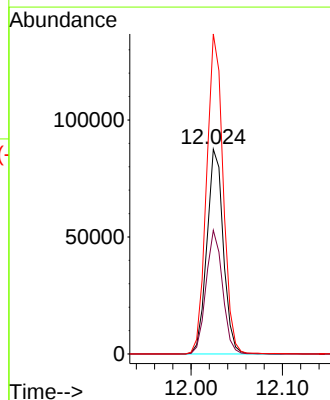
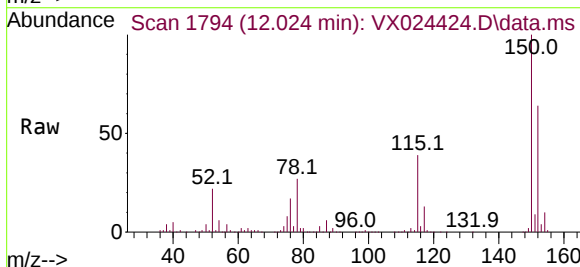
Instrument :
MSVOA_X
ClientSampled :

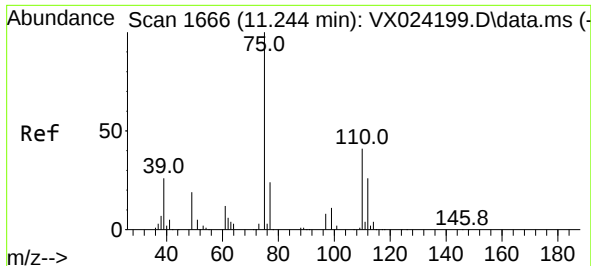
Tgt Ion:117 Resp: 255791
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Tgt Ion:152 Resp: 108821
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 157.1 0.0 349.0

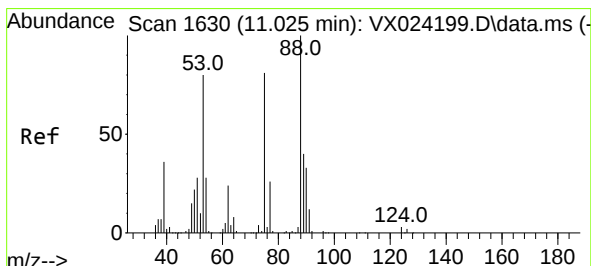
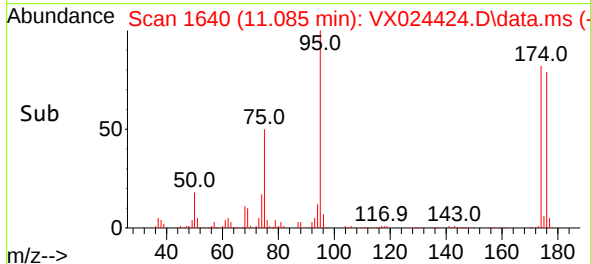
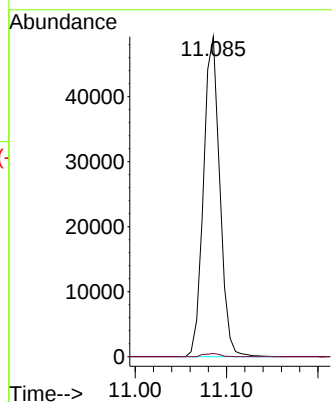
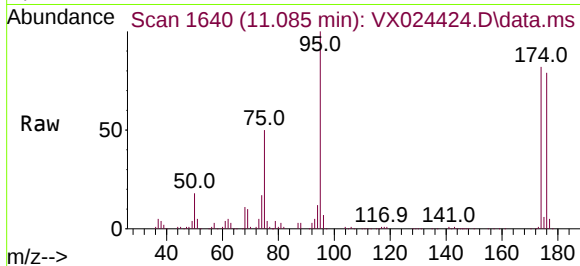




#76
1,2,3-Trichloropropane
Concen: 24.303 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 60811
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.474 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024424.D
Acq: 22 Sep 2021 07:20

Tgt Ion: 75 Resp: 60811
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

