

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024359.D
 Acq On : 20 Sep 2021 18:26
 Operator : JC/MD
 Sample : M3782-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210914

Quant Time: Sep 21 08:42:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

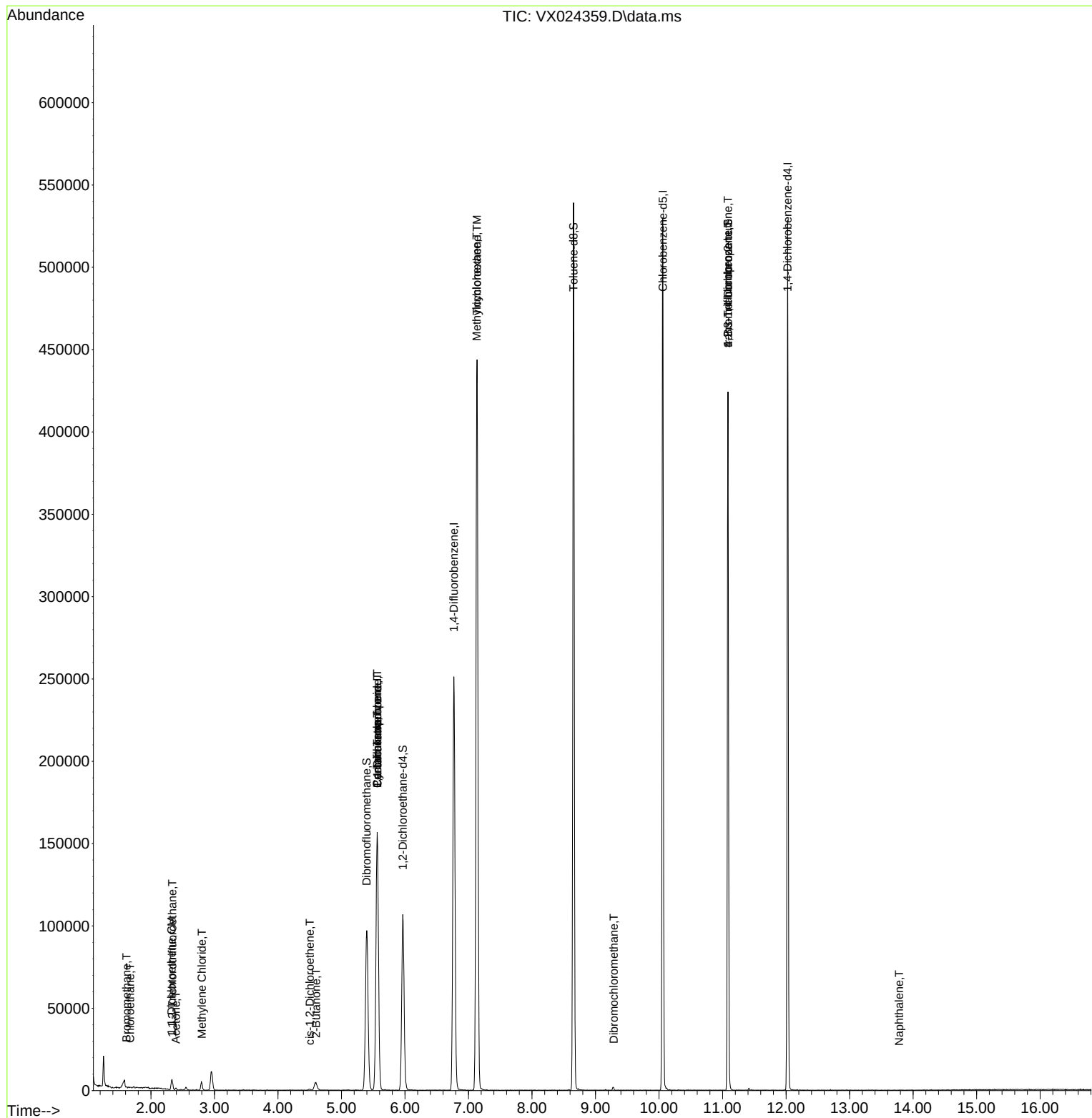
Internal Standards						
1) Pentafluorobenzene	5.562	168	144343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	240931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106873	51.923	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.840%	
35) Dibromofluoromethane	5.397	113	84259	49.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.920%	
50) Toluene-d8	8.653	98	313247	50.985	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.085	95	108175	45.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.480%	
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	466	0.543	ug/l #	31
6) Chloroethane	1.672	64	350	2.287	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	2002	1.409	ug/l	95
11) Tert butyl alcohol	2.946	59	7271	Below Cal	#	73
12) 1,1-Dichloroethene	2.325	96	927	0.697	ug/l #	93
16) Acetone	2.392	43	1240	1.413	ug/l	95
20) Methylene Chloride	2.800	84	2246	1.333	ug/l #	95
25) 2-Butanone	4.599	43	388	0.300	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	424	0.252	ug/l	54
31) Cyclohexane	5.562	56	3110	1.292	ug/l #	34
36) 1,1-Dichloropropene	5.562	75	11512	4.979	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15003	5.765	ug/l #	16
39) Methylcyclohexane	7.129	83	2132	0.772	ug/l #	1
44) Trichloroethene	7.135	130	171933	92.279	ug/l	97
60) Dibromochloromethane	9.287	129	468	1.941	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58529	24.204	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58529	71.184	ug/l #	12
95) Naphthalene	13.780	128	112	1.302	ug/l #	69

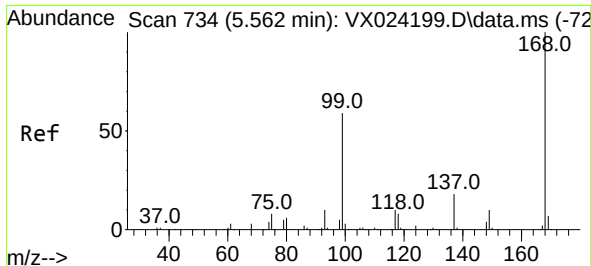
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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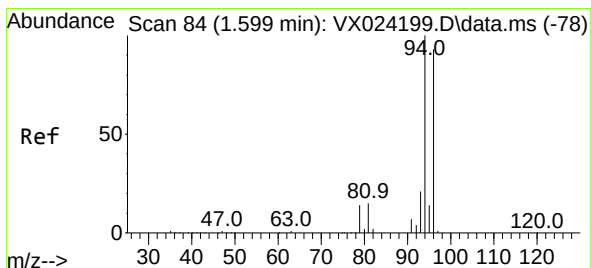
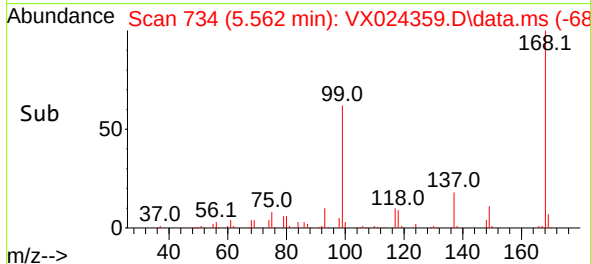
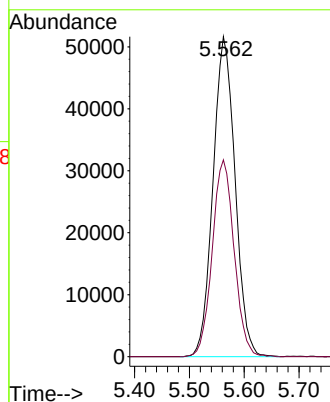
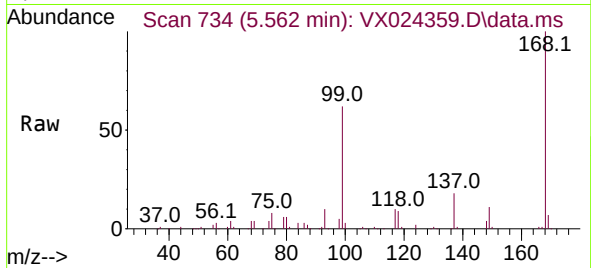




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

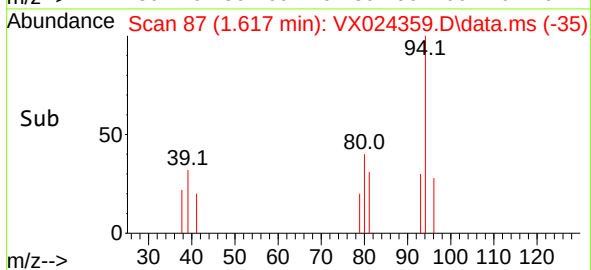
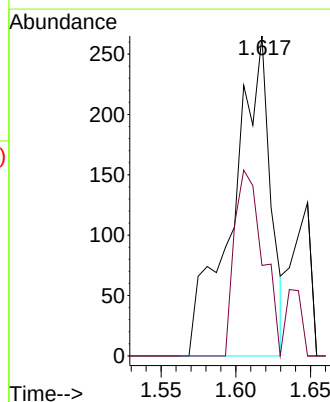
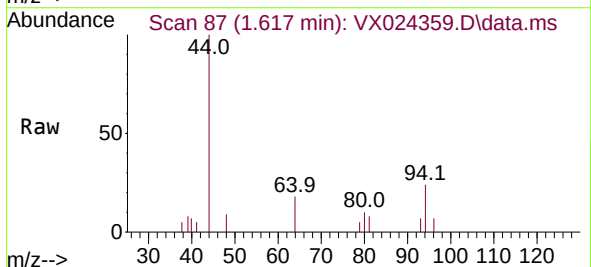
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

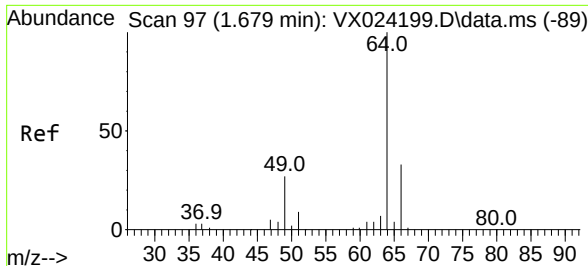
Tgt Ion:168 Resp: 144343
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#5
Bromomethane
Concen: 0.543 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 28.3 76.4 114.6#

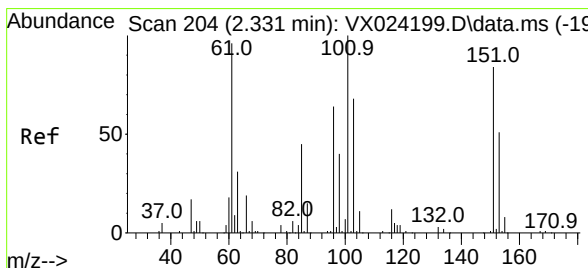
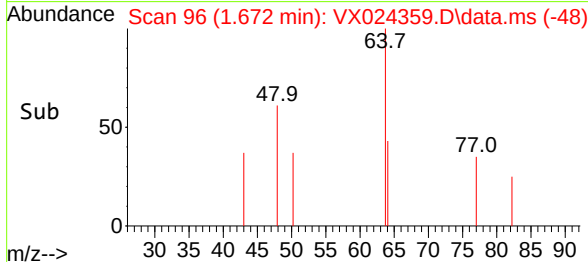
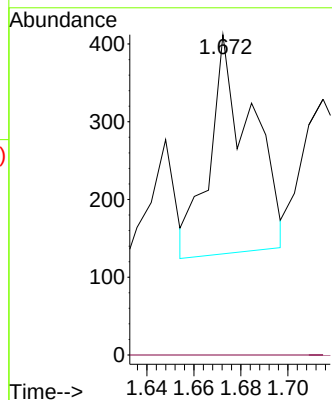
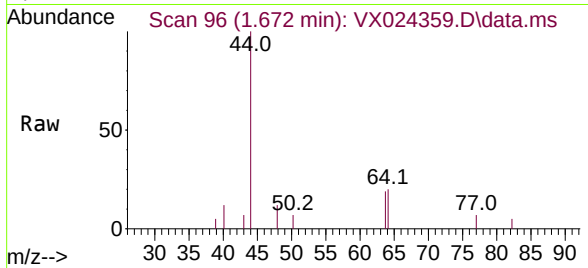




#6
Chloroethane
Concen: 2.287 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

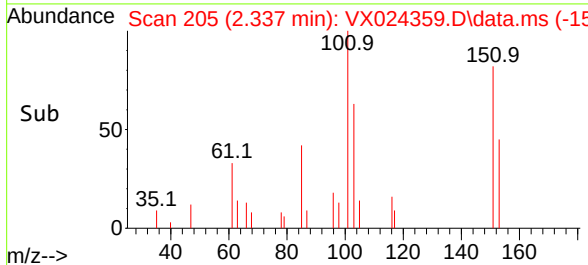
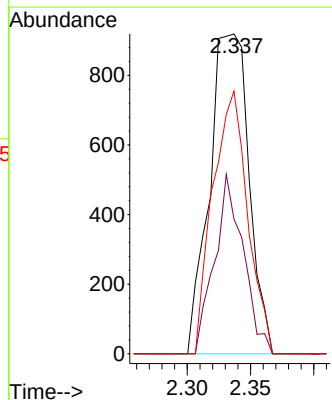
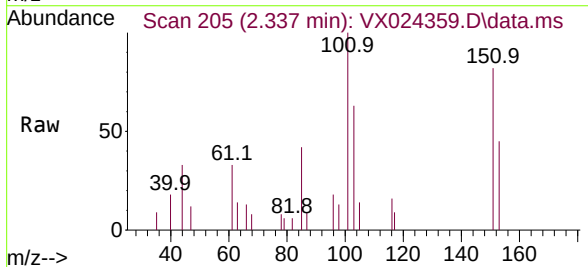
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

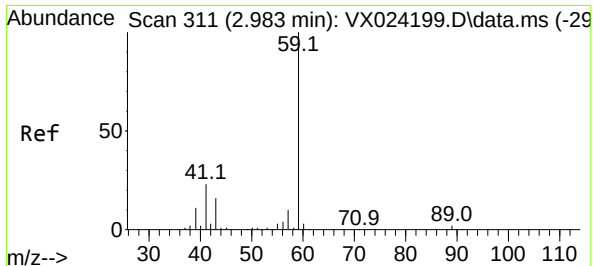
Tgt Ion: 64 Resp: 350
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.409 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion:101 Resp: 2002
Ion Ratio Lower Upper
101 100
85 40.6 34.9 52.3
151 72.3 61.4 92.2



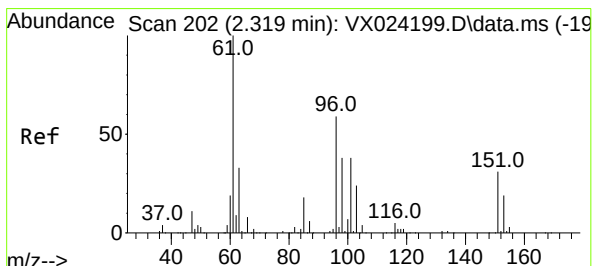
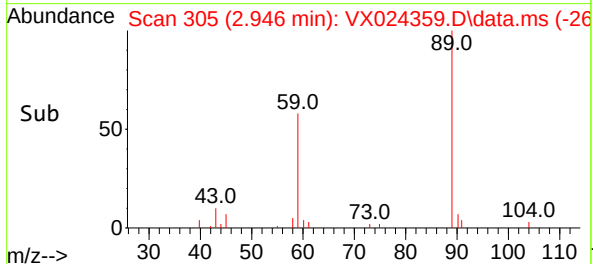
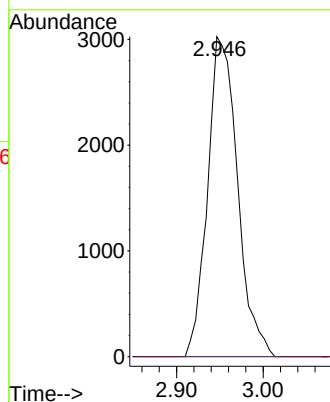
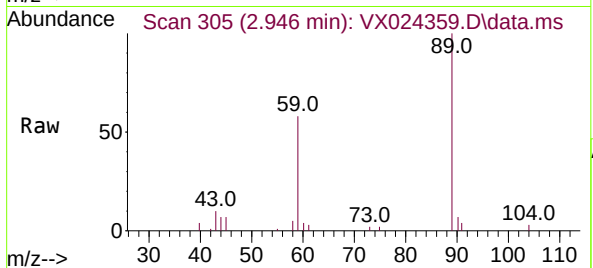


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

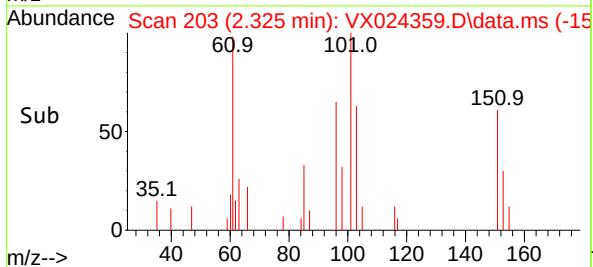
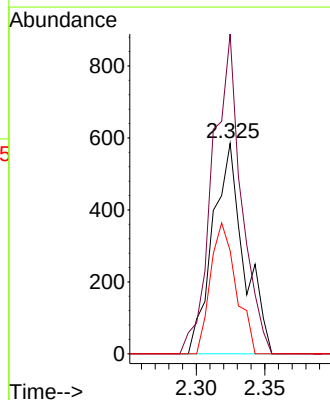
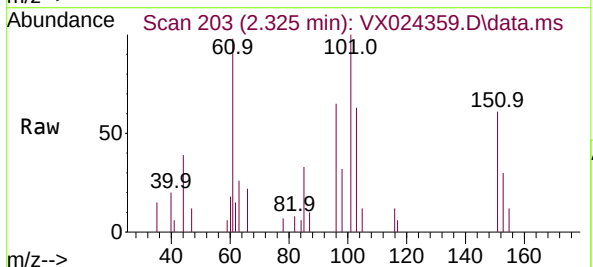
Tgt Ion: 59 Resp: 7271
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

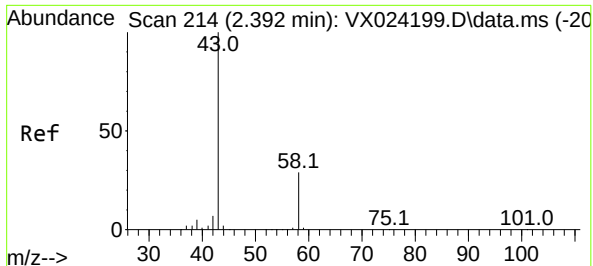


#12

1,1-Dichloroethene
Concen: 0.697 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 96 Resp: 927
Ion Ratio Lower Upper
96 100
61 152.0 124.6 187.0
98 49.1 50.6 76.0#

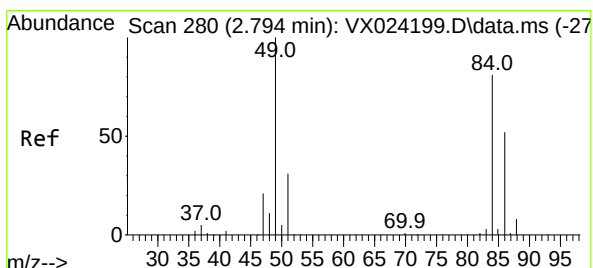
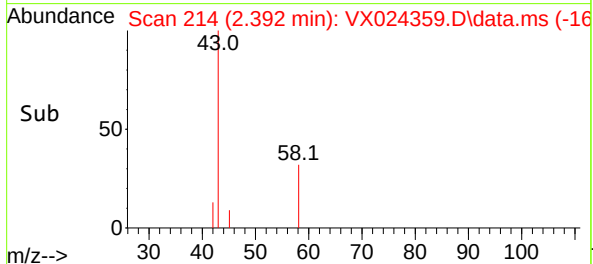
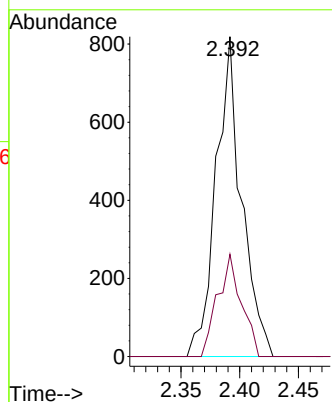
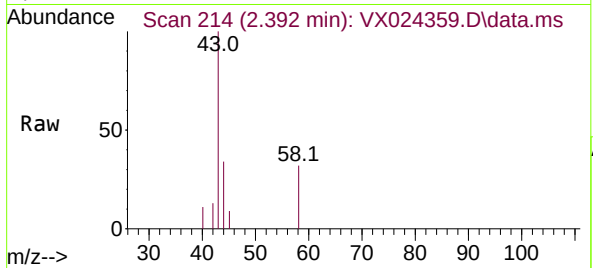




#16
Acetone
Concen: 1.413 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

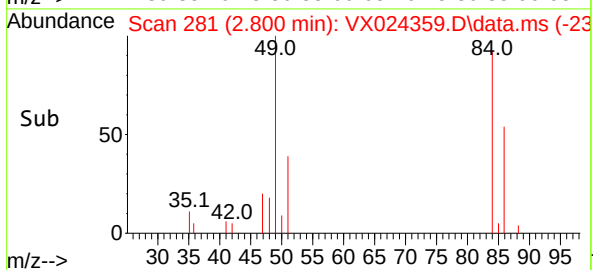
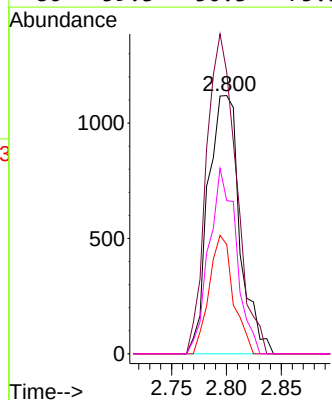
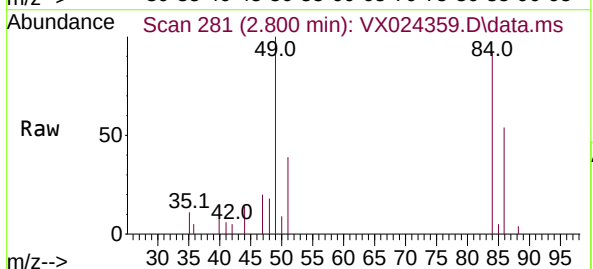
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

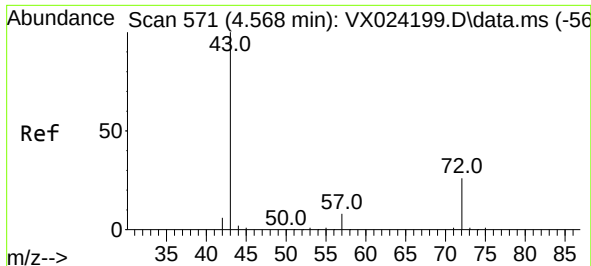
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#20
Methylene Chloride
Concen: 1.333 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 84 Resp: 2246
Ion Ratio Lower Upper
84 100
49 108.9 88.6 132.8
51 42.4 27.0 40.6#
86 59.3 50.3 75.5





#25

2-Butanone

Concen: 0.300 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX024359.D

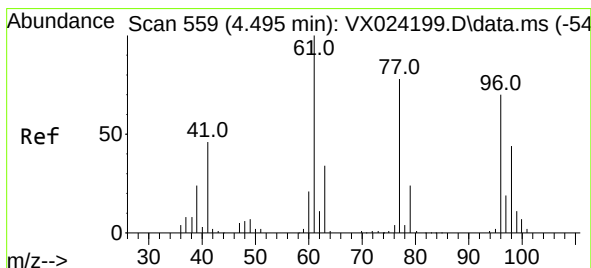
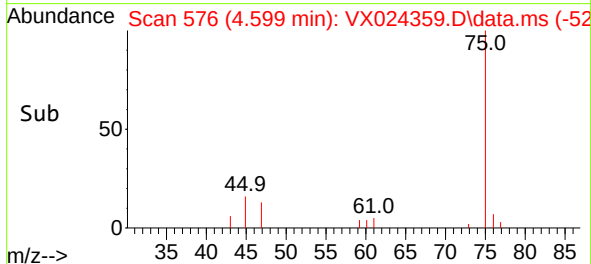
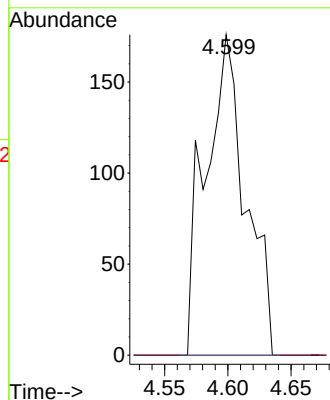
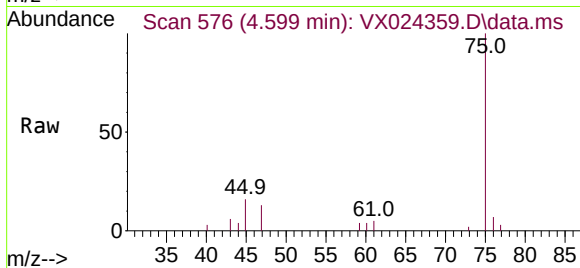
Acq: 20 Sep 2021 18:26

Tgt Ion: 43 Resp: 388

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#27

cis-1,2-Dichloroethene

Concen: 0.252 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX024359.D

Acq: 20 Sep 2021 18:26

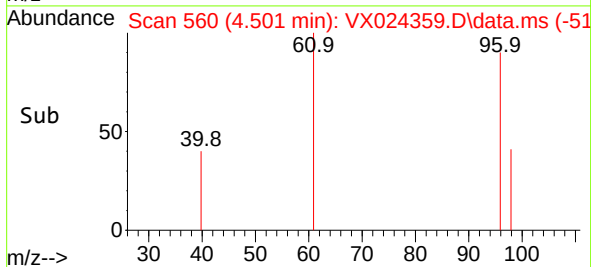
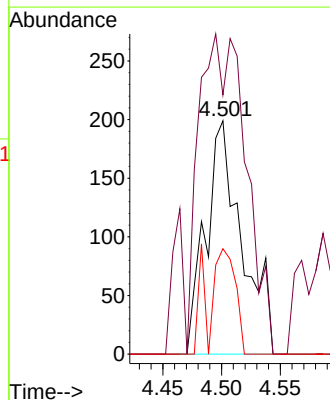
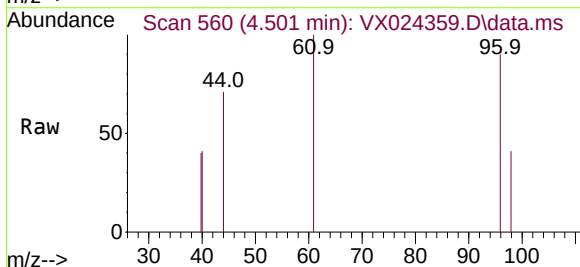
Tgt Ion: 96 Resp: 424

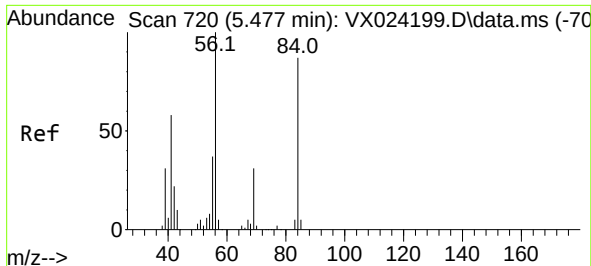
Ion Ratio Lower Upper

96 100

61 198.6 0.0 285.6

98 26.2 0.0 129.6

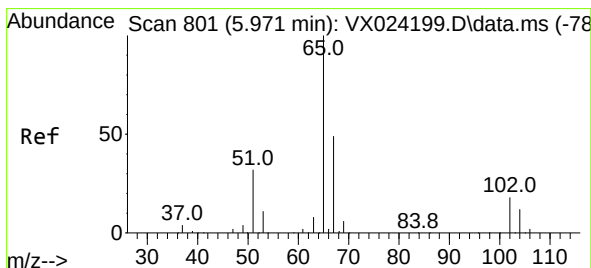
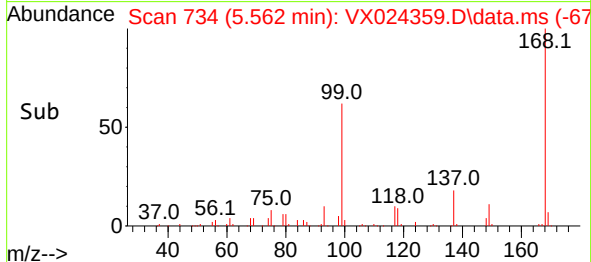
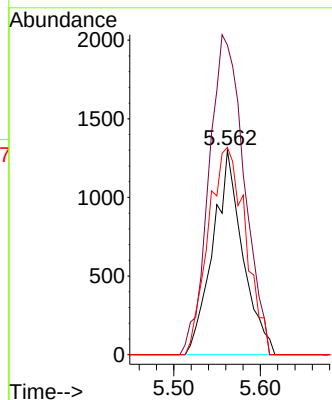
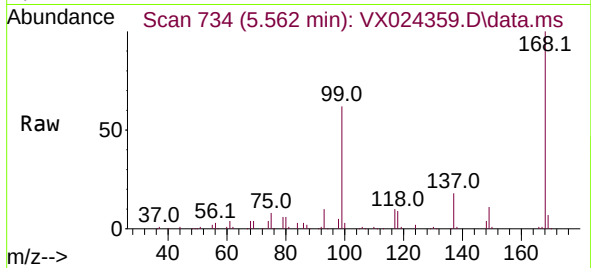




#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

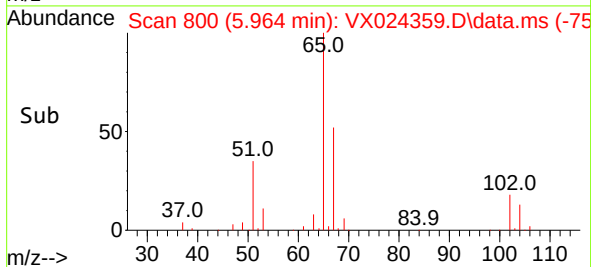
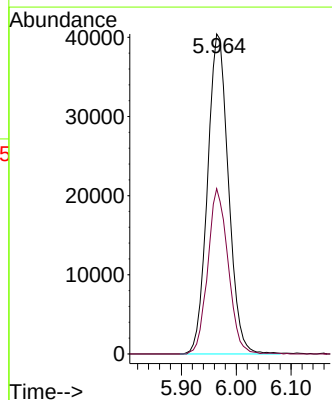
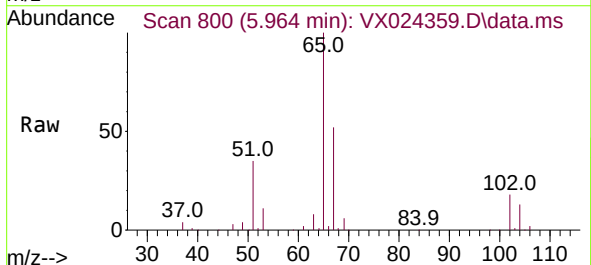
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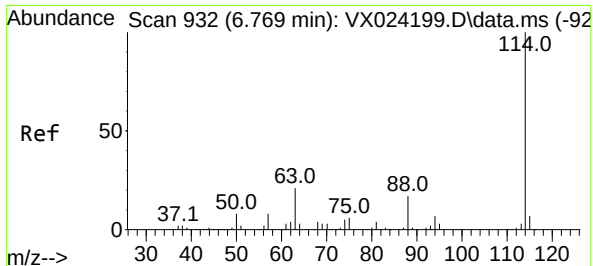
Tgt Ion: 56 Resp: 3110
Ion Ratio Lower Upper
56 100
69 151.5 25.3 37.9#
84 101.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.923 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 65 Resp: 106873
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

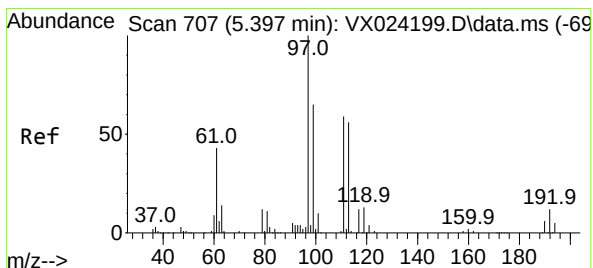
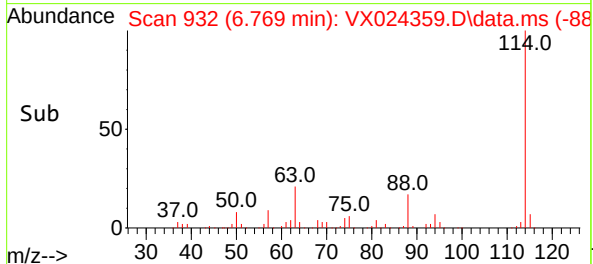
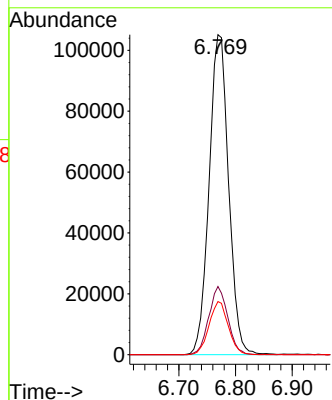
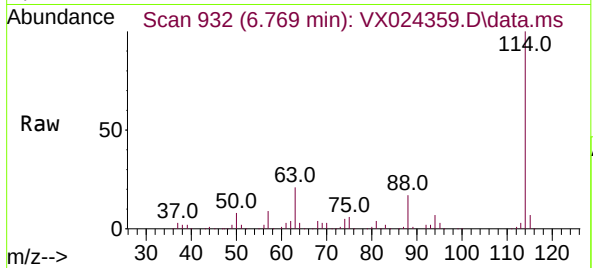




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

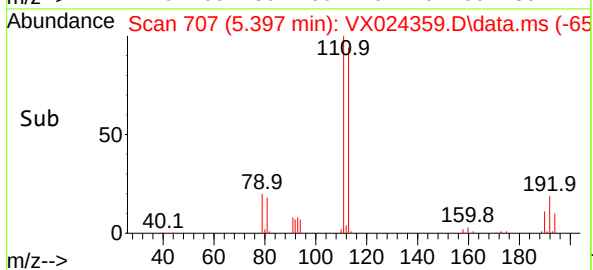
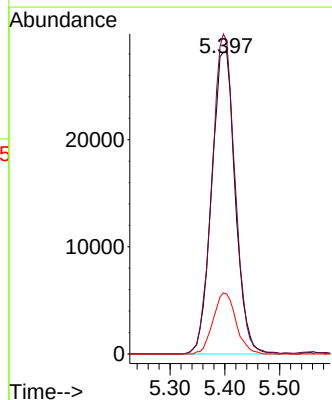
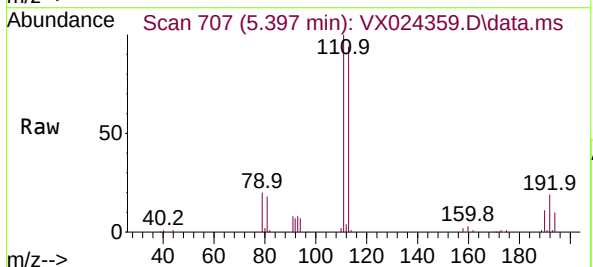
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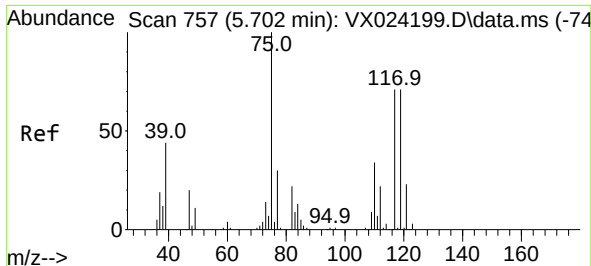
Tgt Ion:114 Resp: 251475
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.961 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion:113 Resp: 84259
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 19.6 16.7 25.1

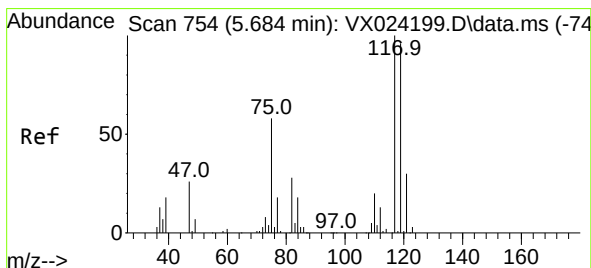
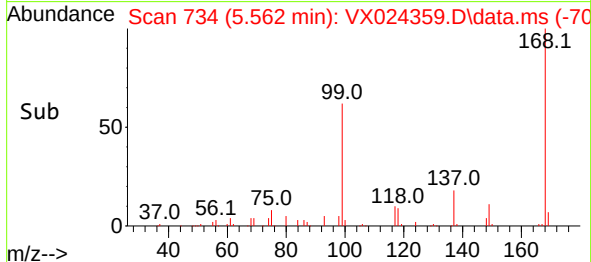
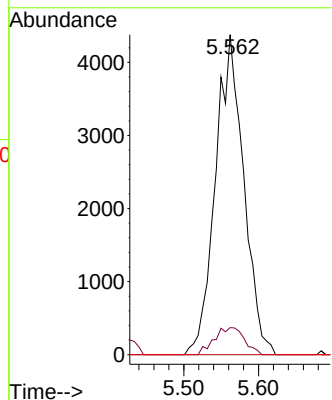
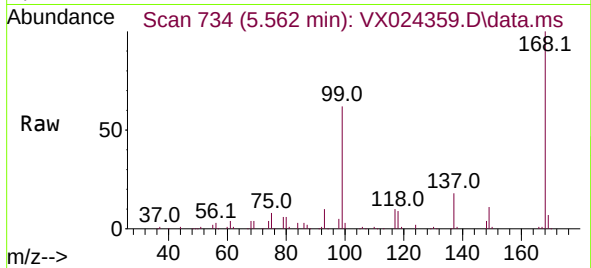




#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

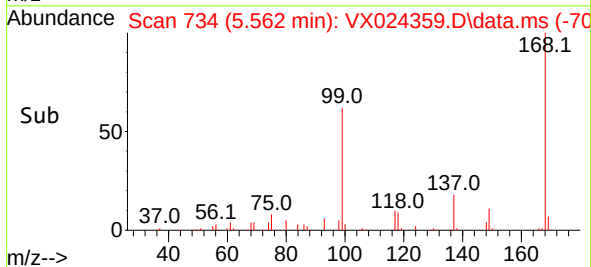
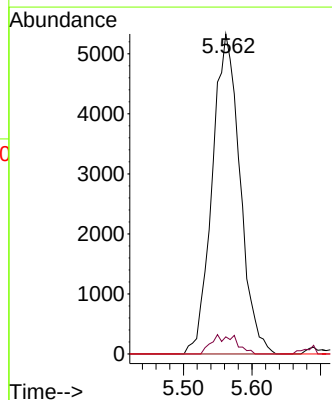
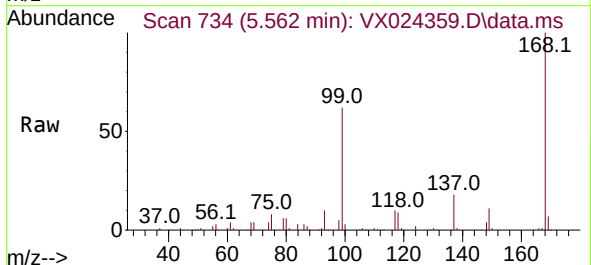
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

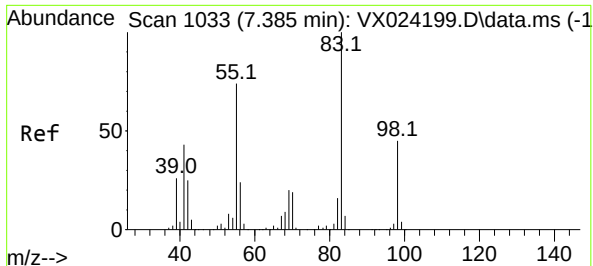
Tgt Ion: 75 Resp: 11512
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 117 Resp: 15003
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.772 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX024359.D

Acq: 20 Sep 2021 18:26

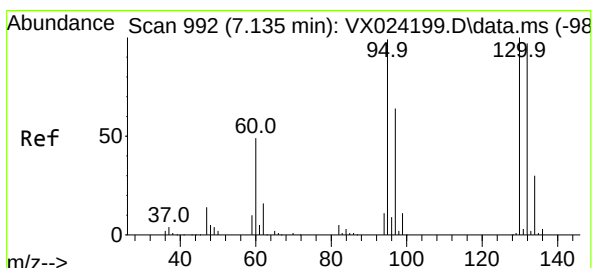
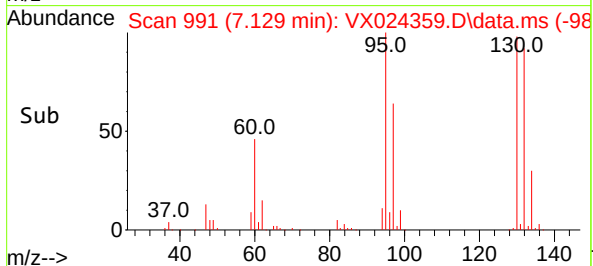
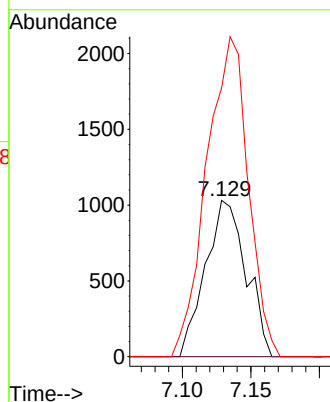
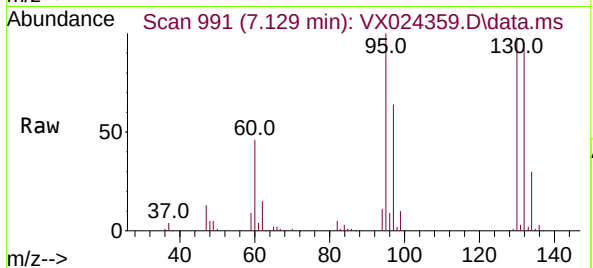
Tgt Ion: 83	Resp: 2132
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 172.0	38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20210914



#44

Trichloroethene

Concen: 92.279 ug/l

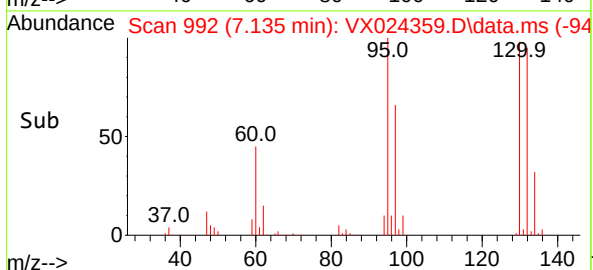
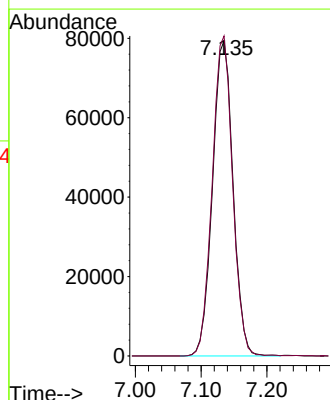
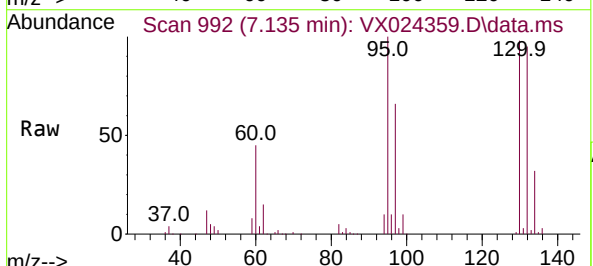
RT: 7.135 min Scan# 992

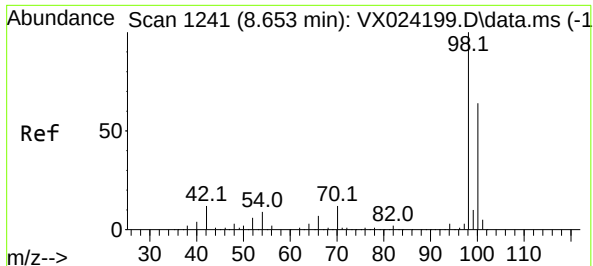
Delta R.T. -0.000 min

Lab File: VX024359.D

Acq: 20 Sep 2021 18:26

Tgt Ion: 130	Resp: 171933
Ion Ratio	Lower Upper
130 100	
95 101.5	0.0 198.0





#50

Toluene-d8

Concen: 50.985 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024359.D

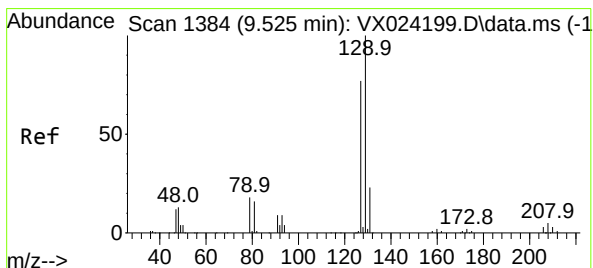
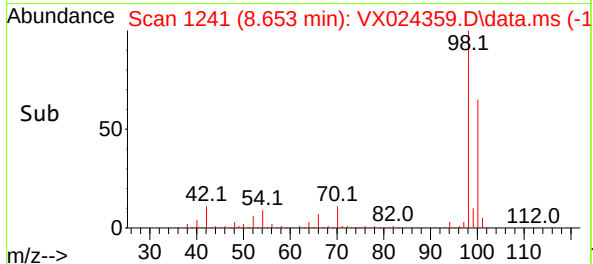
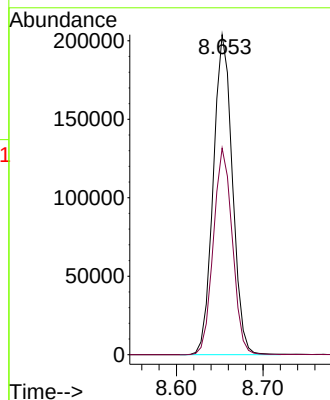
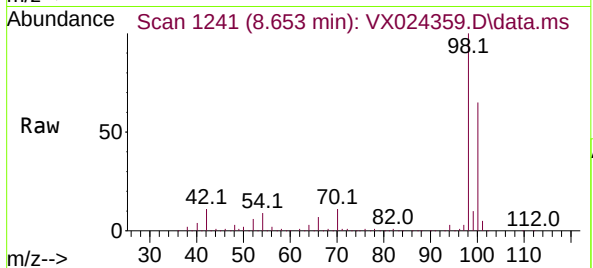
Acq: 20 Sep 2021 18:26

Tgt Ion: 98 Resp: 313247

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#60

Dibromochloromethane

Concen: 1.941 ug/l

RT: 9.287 min Scan# 1345

Delta R.T. -0.238 min

Lab File: VX024359.D

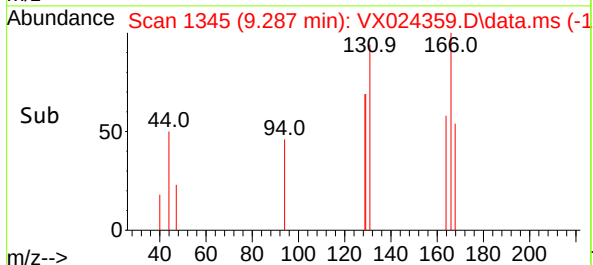
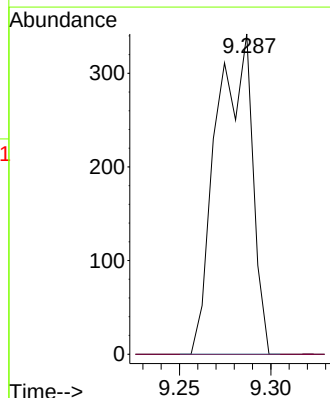
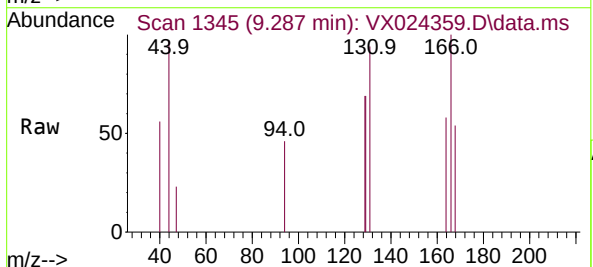
Acq: 20 Sep 2021 18:26

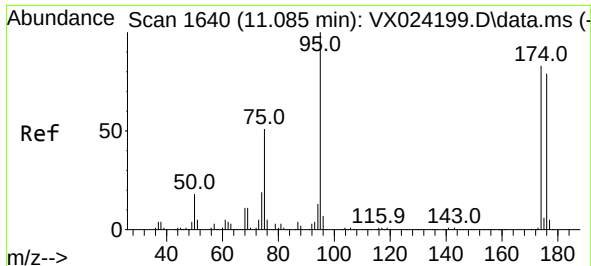
Tgt Ion: 129 Resp: 468

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

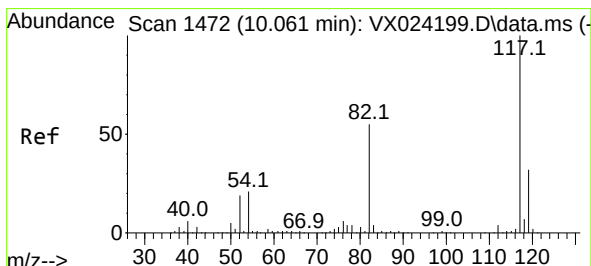
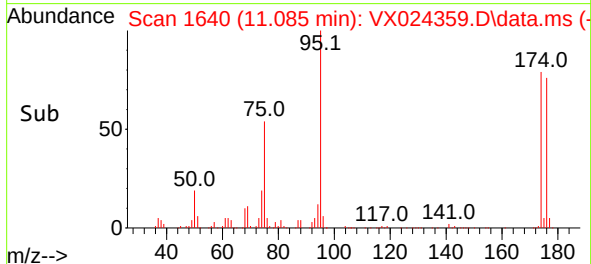
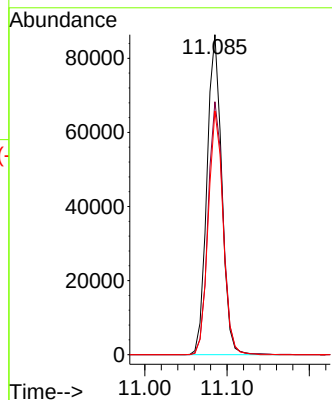
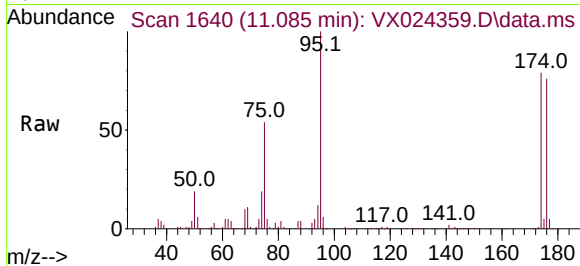




#62
4-Bromofluorobenzene
Concen: 45.243 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

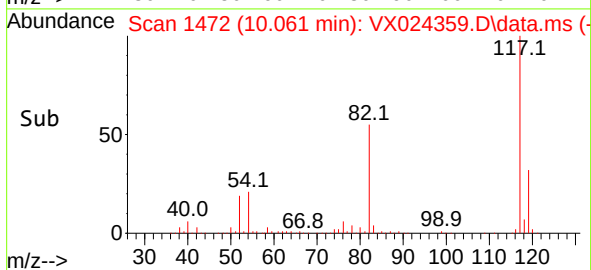
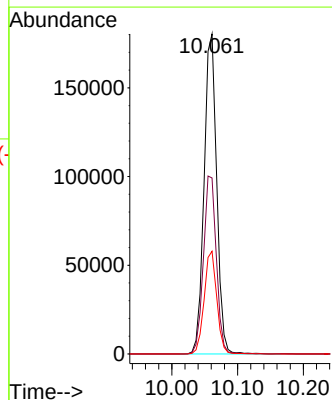
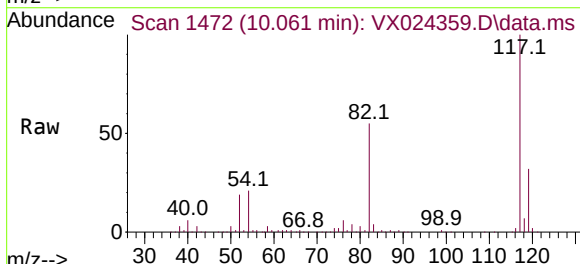
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

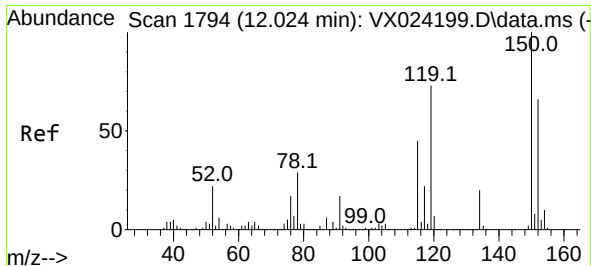
Tgt Ion: 95 Resp: 108175
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 76.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 117 Resp: 240931
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.1 26.6 39.8

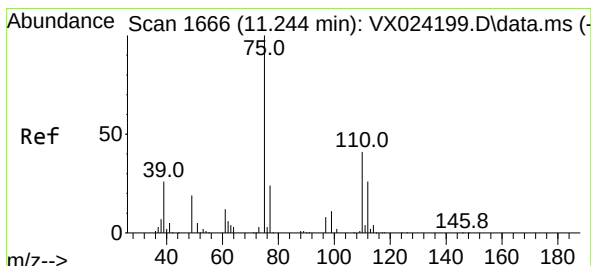
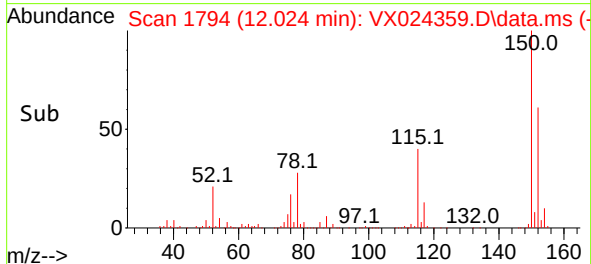
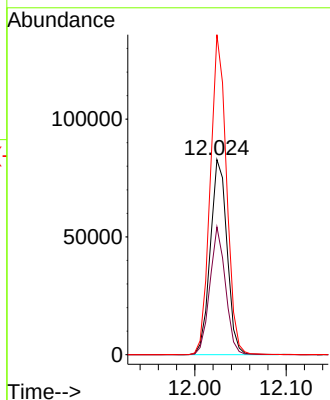
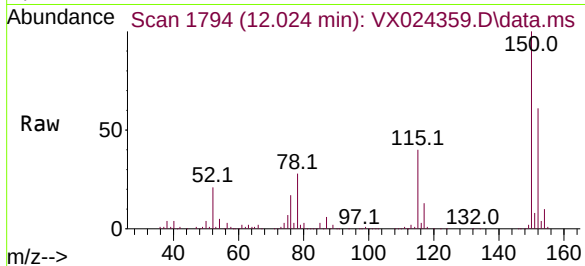




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

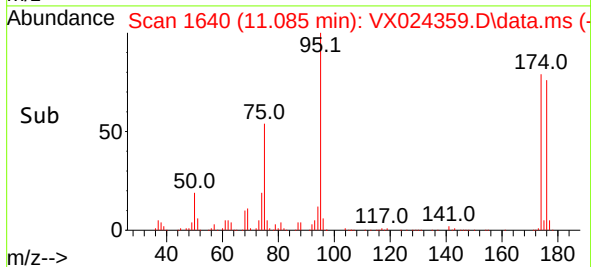
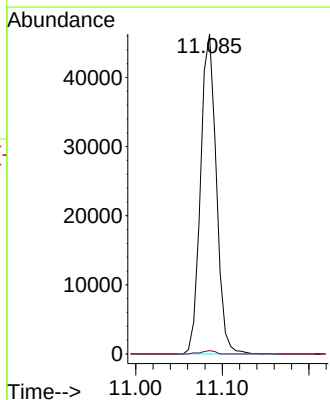
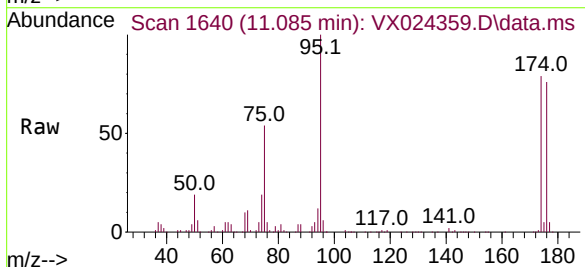
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

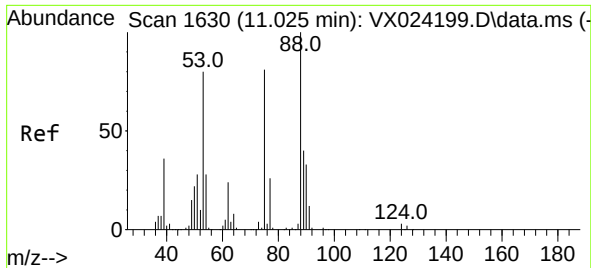
Tgt Ion:152 Resp: 105164
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 159.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.204 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 75 Resp: 58529
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

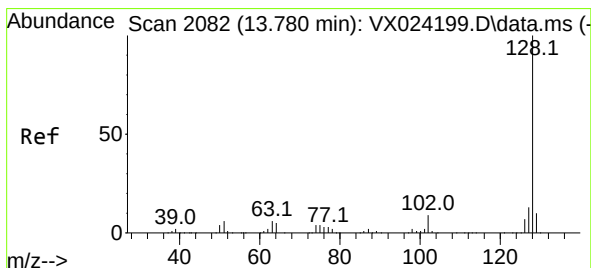
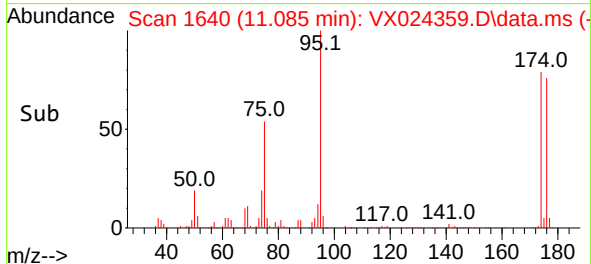
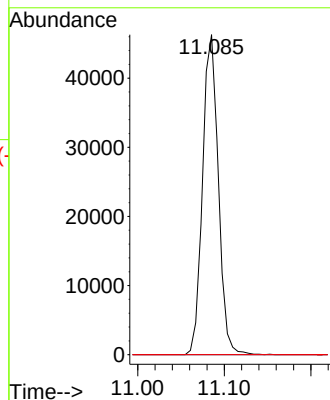
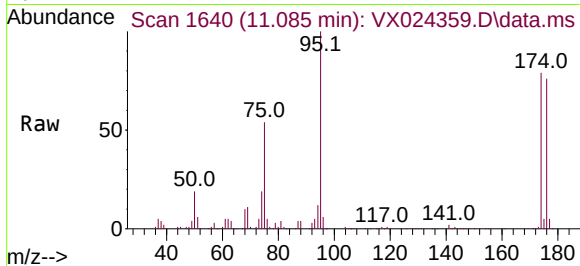




#81
trans-1,4-Dichloro-2-butene
Concen: 71.184 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

Tgt Ion: 75 Resp: 58529
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.302 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024359.D
Acq: 20 Sep 2021 18:26

Tgt Ion: 128 Resp: 112
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

