

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022909.D
 Acq On : 25 Jun 2021 08:16
 Operator : JC/MD
 Sample : M2838-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20210622

Quant Time: Jun 25 08:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

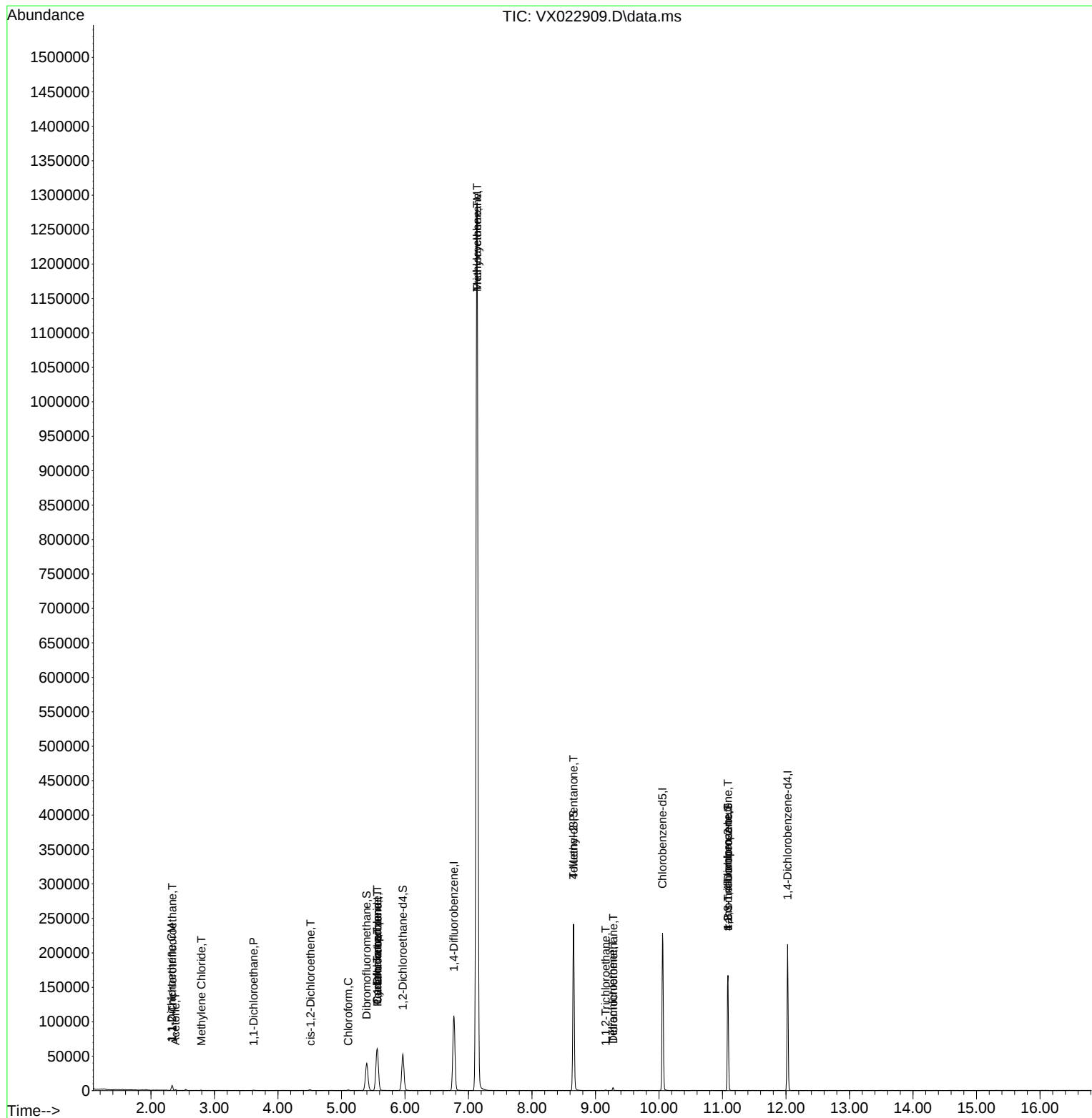
Internal Standards						
1) Pentafluorobenzene	5.568	168	51179	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	105194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47054	50.662	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.320%
35) Dibromofluoromethane	5.397	113	32350	48.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	8.653	98	133369	50.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.880%
62) 4-Bromofluorobenzene	11.085	95	45374	46.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	2646	3.976	ug/l	91
12) 1,1-Dichloroethene	2.325	96	335	0.505	ug/l #	83
16) Acetone	2.386	43	1145	2.781	ug/l #	80
20) Methylene Chloride	2.794	84	180	0.591	ug/l #	76
24) 1,1-Dichloroethane	3.617	63	678	0.484	ug/l #	81
27) cis-1,2-Dichloroethene	4.513	96	297	0.363	ug/l #	1
30) Chloroform	5.105	83	825	0.585	ug/l	98
31) Cyclohexane	5.562	56	1754	1.338	ug/l #	9
36) 1,1-Dichloropropene	5.562	75	5196	4.650	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6422	6.853	ug/l #	15
39) Methylcyclohexane	7.135	83	6486	4.976	ug/l #	1
44) Trichloroethene	7.135	130	438458	573.850	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	642	0.496	ug/l #	1
55) 1,1,2-Trichloroethane	9.159	97	253	0.324	ug/l #	85
60) Dibromochloromethane	9.281	129	709	4.509	ug/l #	11
64) Tetrachloroethene	9.275	164	668	1.002	ug/l #	87
76) 1,2,3-Trichloropropane	11.085	75	25164	25.981	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	25164	67.548	ug/l #	12

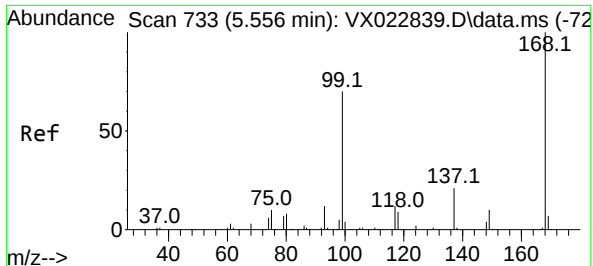
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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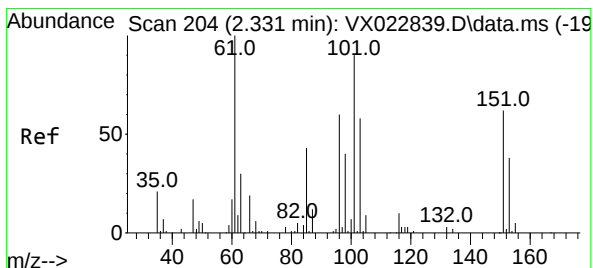
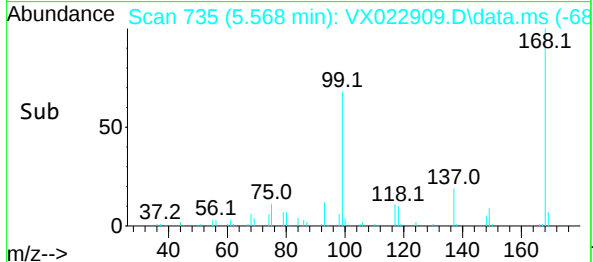
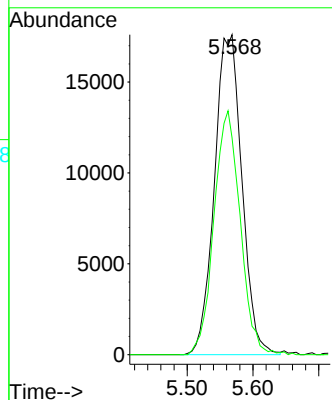
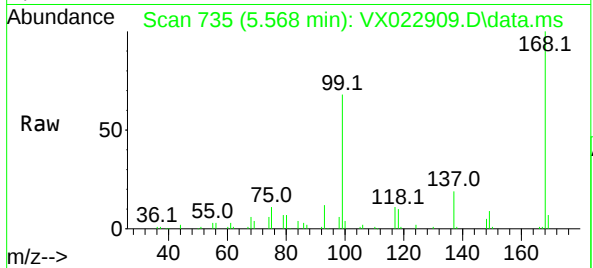




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

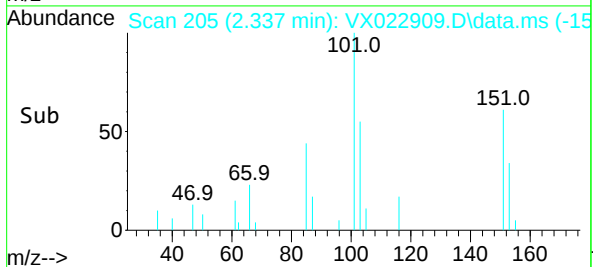
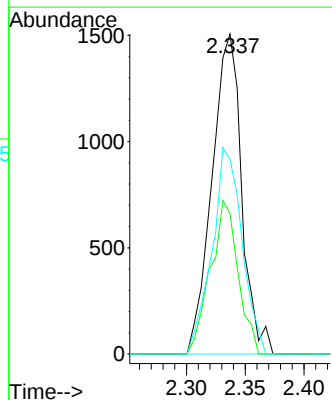
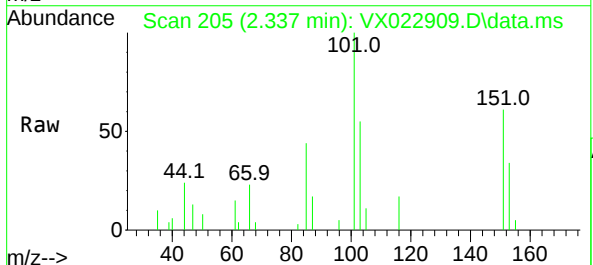
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622

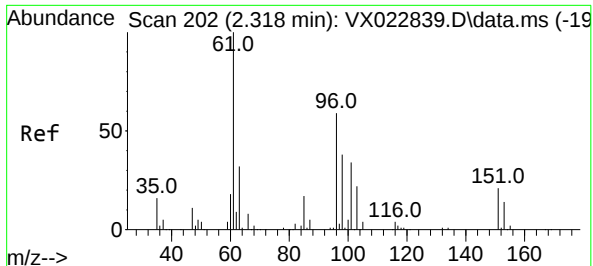
Tgt Ion:168 Resp: 51179
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.976 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion:101 Resp: 2646
Ion Ratio Lower Upper
101 100
85 44.7 34.9 52.3
151 65.3 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.505 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022909.D

Acq: 25 Jun 2021 08:16

Tgt Ion: 96 Resp: 335

Ion Ratio Lower Upper

96 100

61 152.2 124.6 187.0

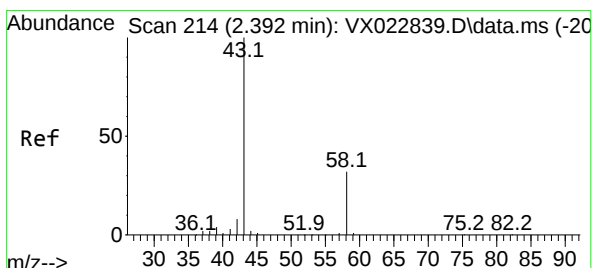
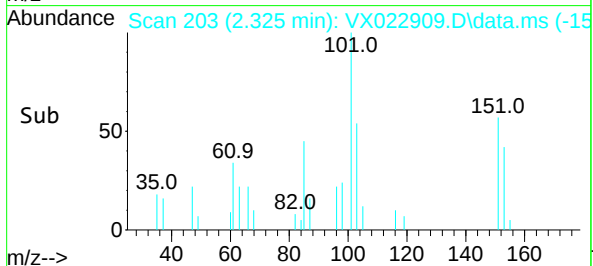
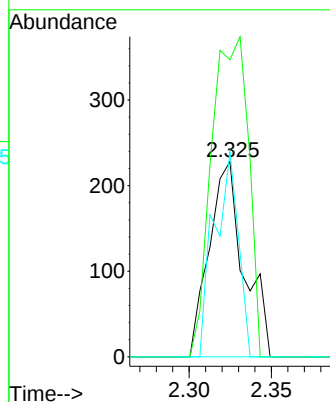
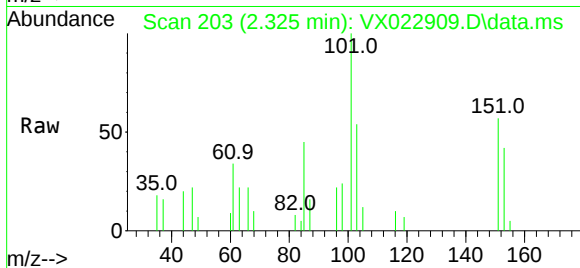
98 104.8 50.6 76.0#

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20210622



#16

Acetone

Concen: 2.781 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022909.D

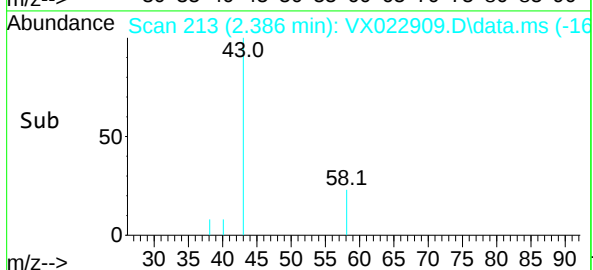
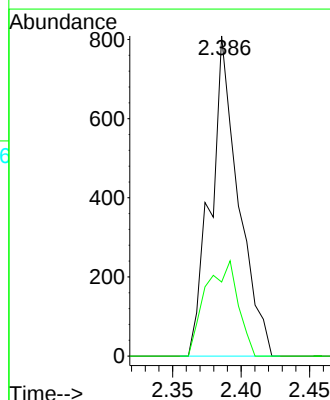
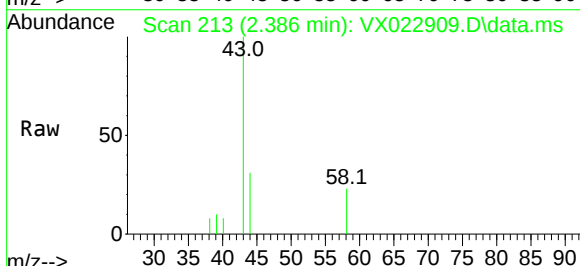
Acq: 25 Jun 2021 08:16

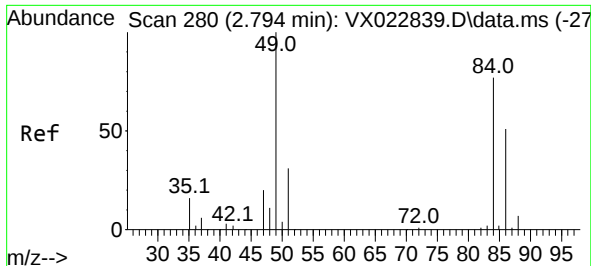
Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

58 23.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.591 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022909.D

Acq: 25 Jun 2021 08:16

Tgt Ion: 84 Resp: 180

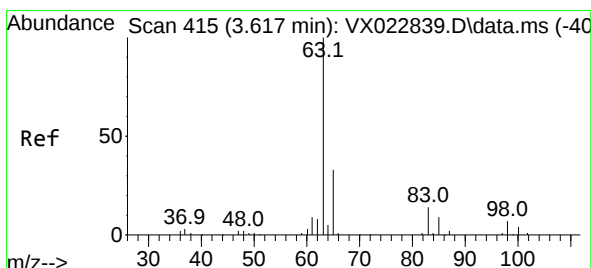
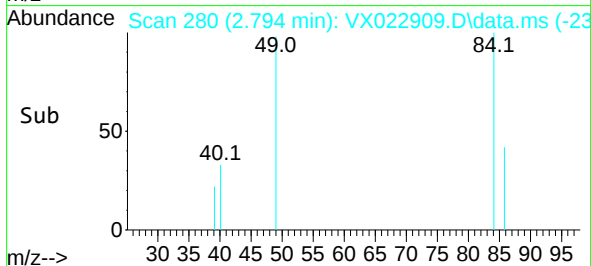
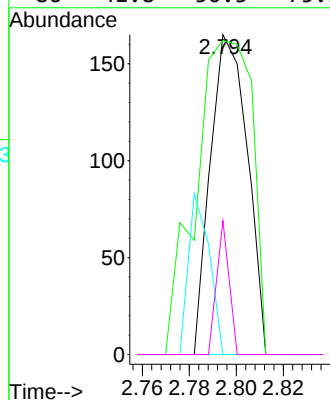
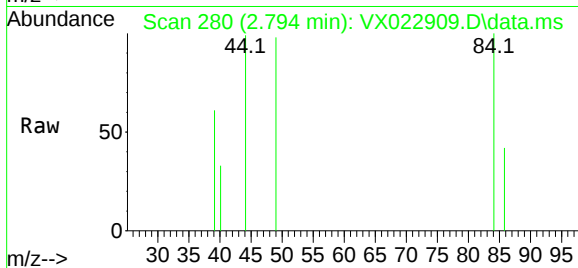
Ion Ratio Lower Upper

84 100

49 98.2 88.6 132.8

51 0.0 27.0 40.6#

86 41.8 50.3 75.5#



#24

1,1-Dichloroethane

Concen: 0.484 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX022909.D

Acq: 25 Jun 2021 08:16

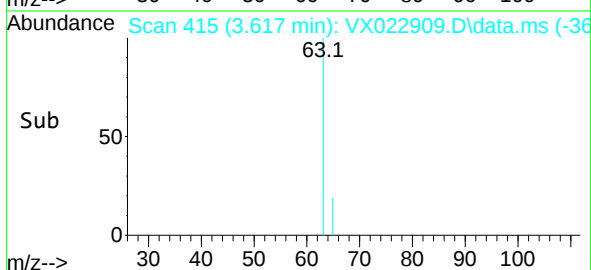
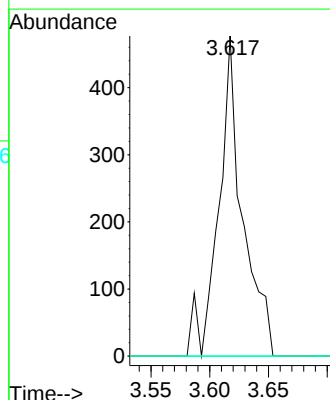
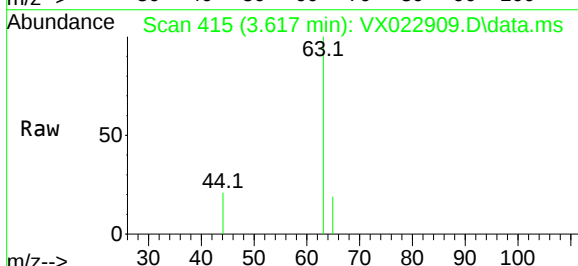
Tgt Ion: 63 Resp: 678

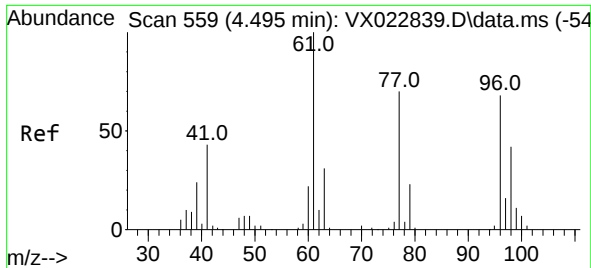
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.5 7.5#





#27

cis-1,2-Dichloroethene

Concen: 0.363 ug/l

RT: 4.513 min Scan# 562

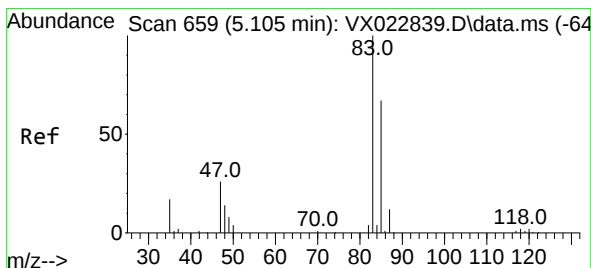
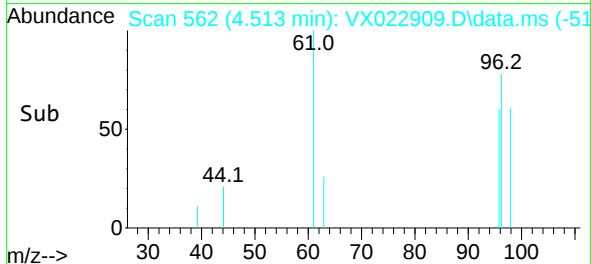
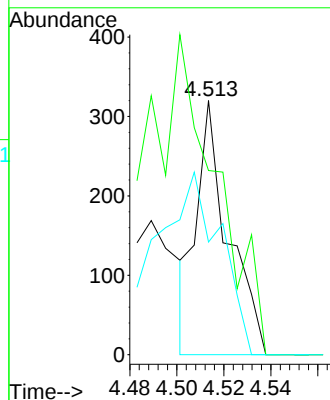
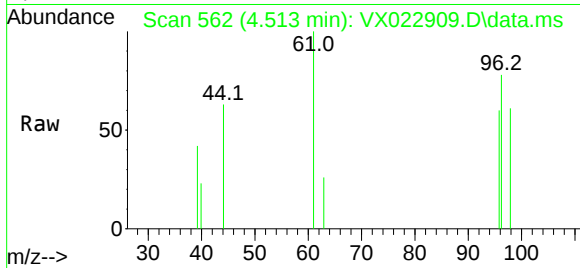
Delta R.T. 0.018 min

Lab File: VX022909.D

Acq: 25 Jun 2021 08:16

Tgt Ion: 96	Resp:	297
Ion	Ratio	Lower Upper
96	100	
61	288.9	0.0 285.6#
98	163.3	0.0 129.6#

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#30

Chloroform

Concen: 0.585 ug/l

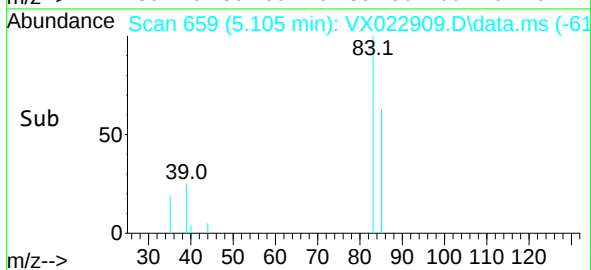
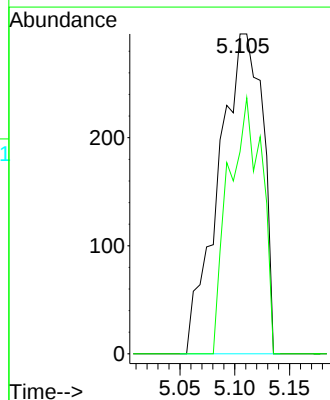
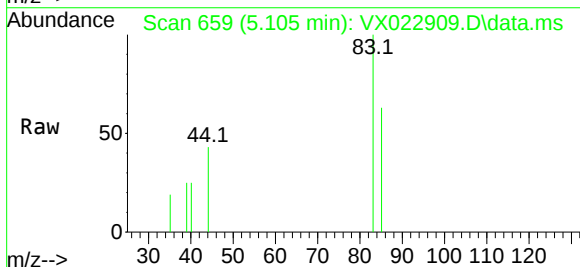
RT: 5.105 min Scan# 659

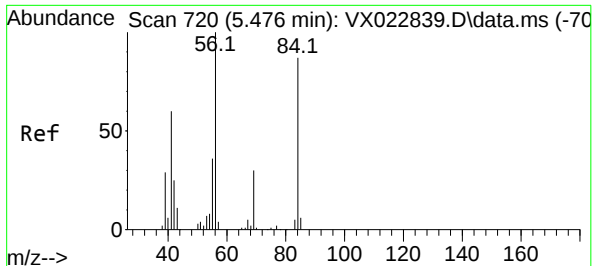
Delta R.T. -0.000 min

Lab File: VX022909.D

Acq: 25 Jun 2021 08:16

Tgt Ion: 83	Resp:	825
Ion	Ratio	Lower Upper
83	100	
85	63.2	52.0 78.0

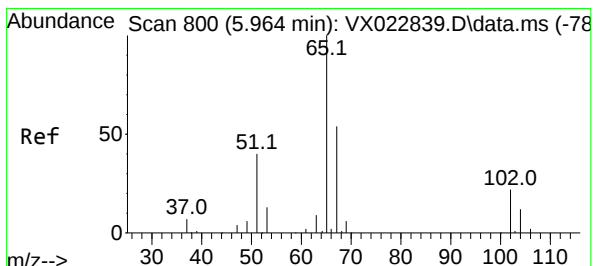
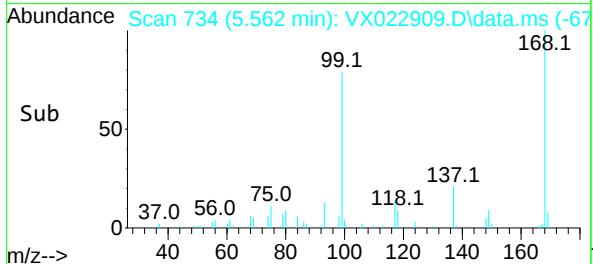
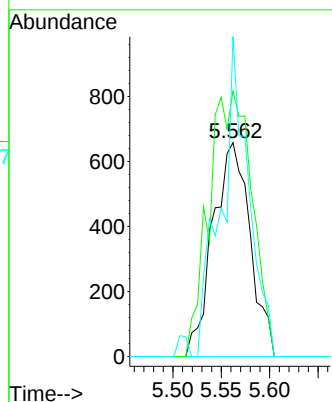
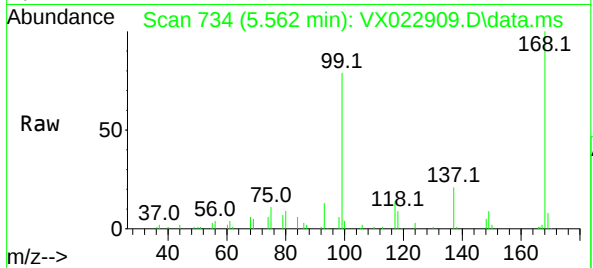




#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

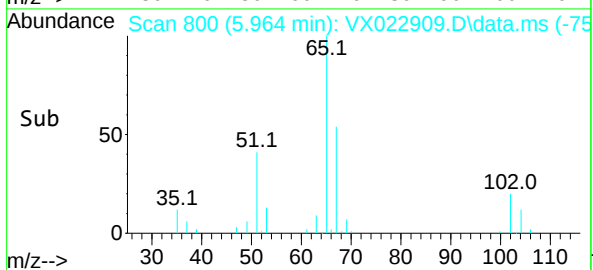
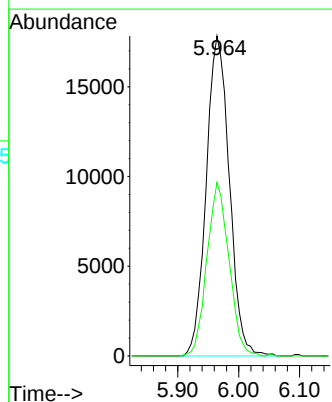
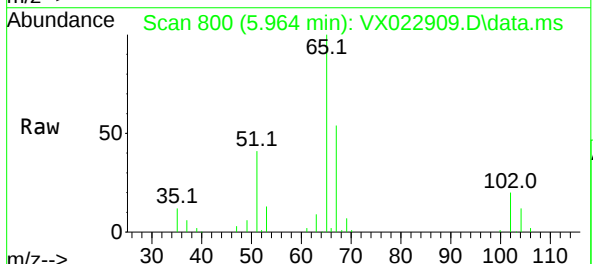
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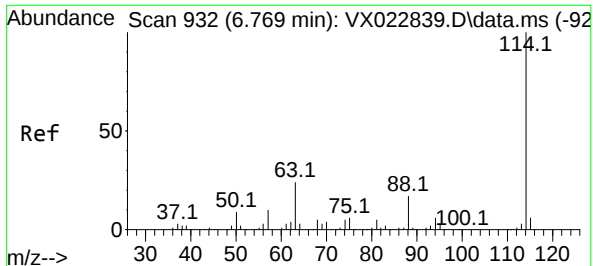
Tgt Ion: 56 Resp: 1754
Ion Ratio Lower Upper
56 100
69 124.0 25.3 37.9#
84 149.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.662 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion: 65 Resp: 47054
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

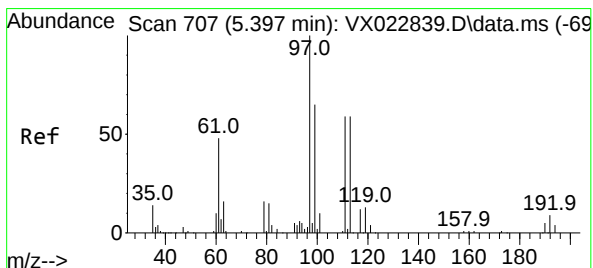
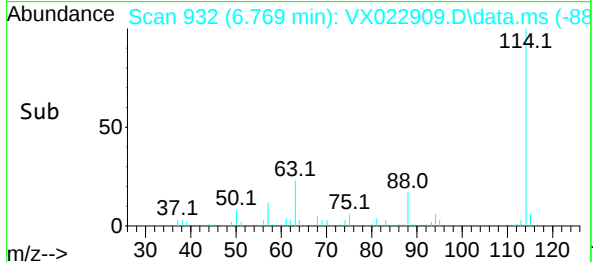
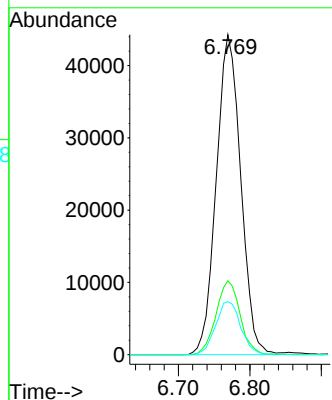
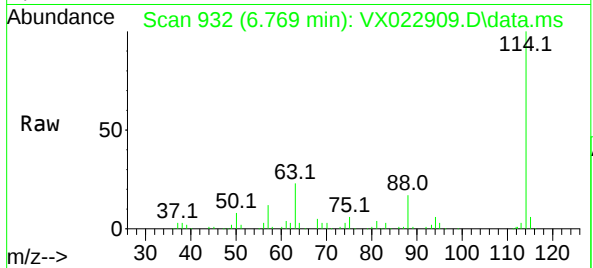




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

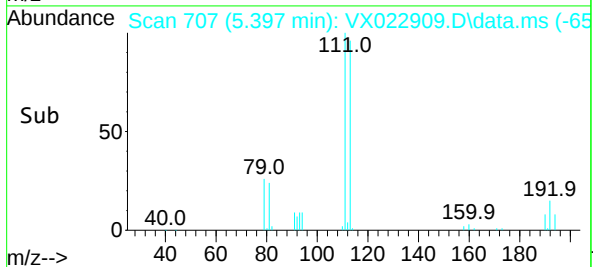
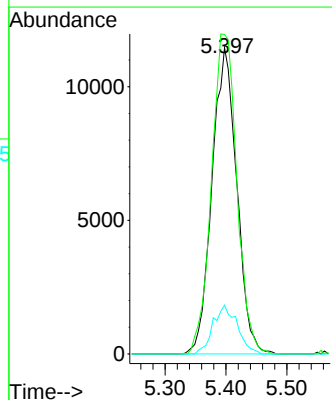
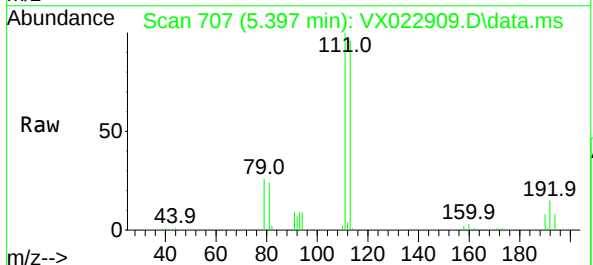
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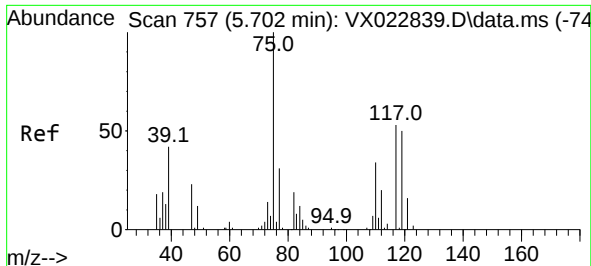
Tgt Ion:114 Resp: 105194
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.428 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion:113 Resp: 32350
Ion Ratio Lower Upper
113 100
111 107.3 81.9 122.9
192 15.6 16.7 25.1#

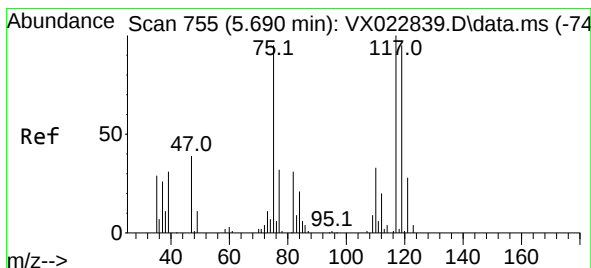
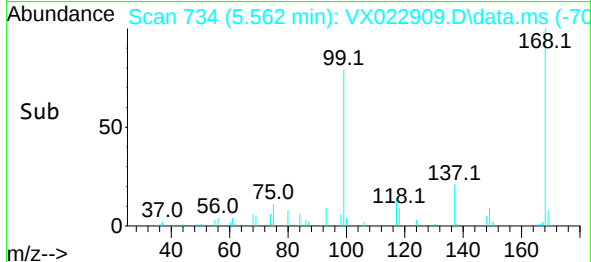
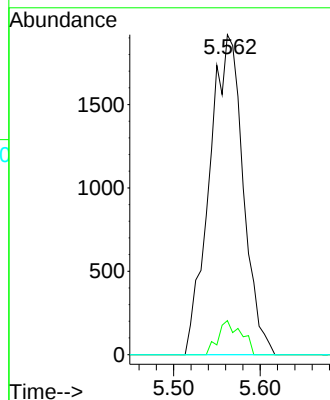
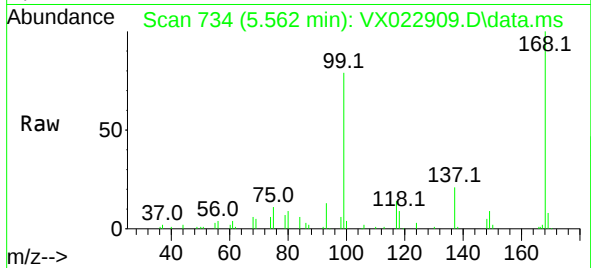




#36
1,1-Dichloropropene
Concen: 4.650 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

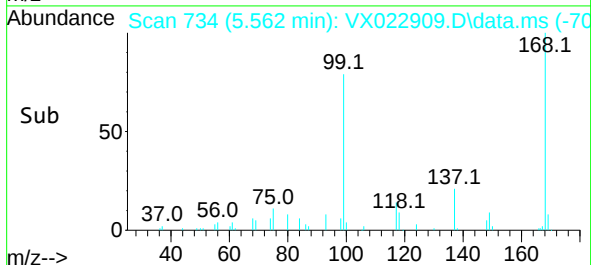
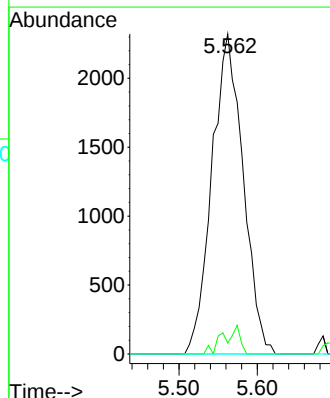
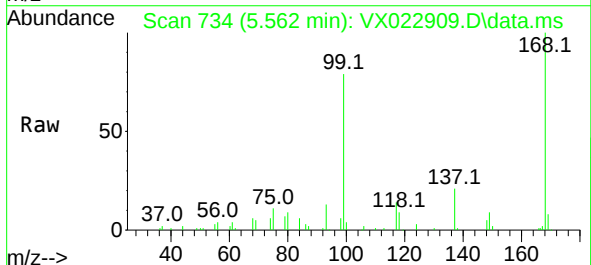
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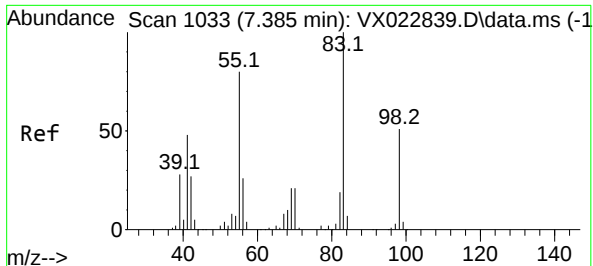
Tgt Ion: 75 Resp: 5196
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.853 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion: 117 Resp: 6422
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 4.976 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022909.D

Acq: 25 Jun 2021 08:16

Tgt Ion: 83 Resp: 6486

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

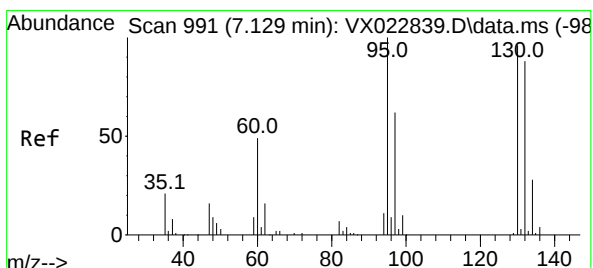
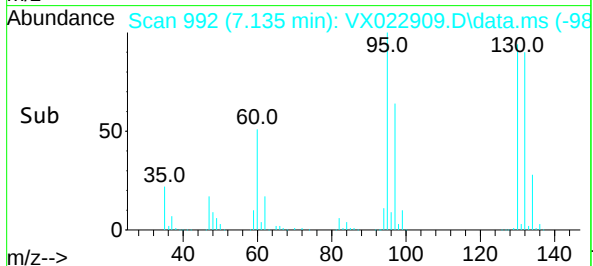
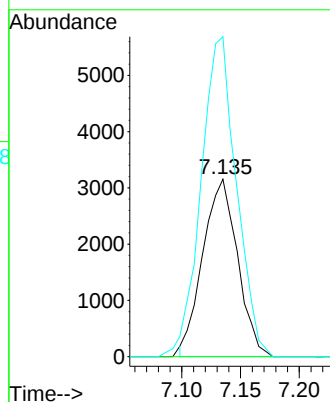
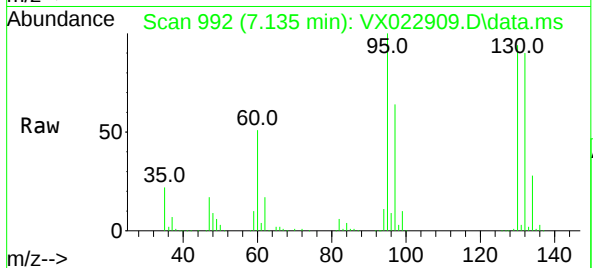
98 180.4 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20210622



#44

Trichloroethene

Concen: 573.850 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022909.D

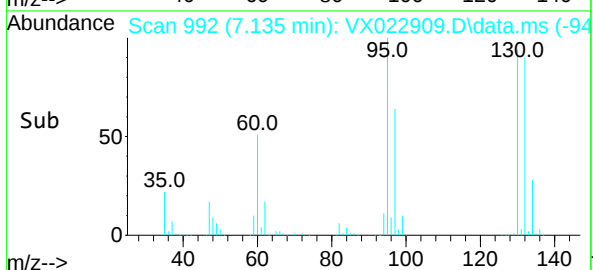
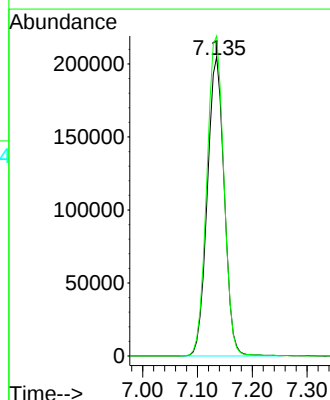
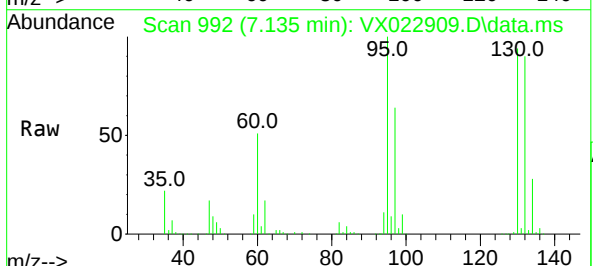
Acq: 25 Jun 2021 08:16

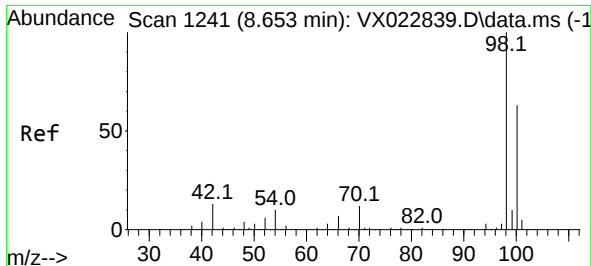
Tgt Ion:130 Resp: 438458

Ion Ratio Lower Upper

130 100

95 106.9 0.0 198.0

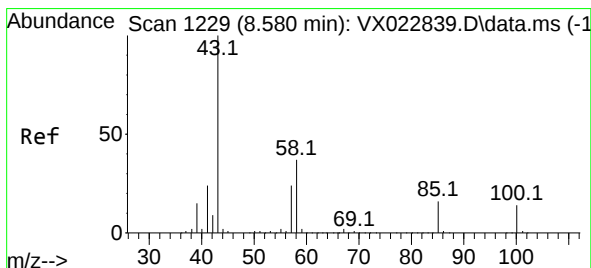
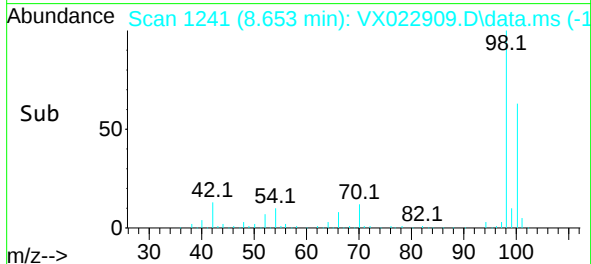
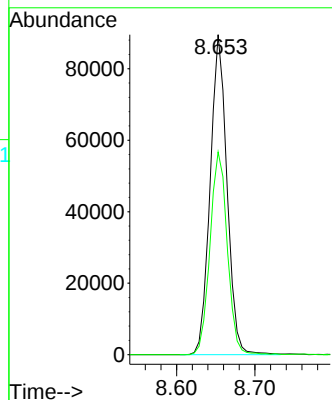
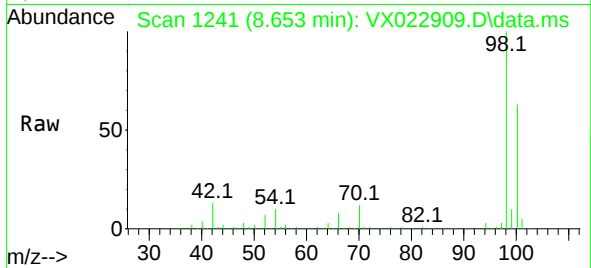




#50
Toluene-d8
Concen: 50.942 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

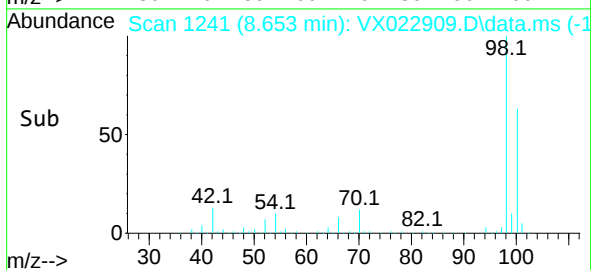
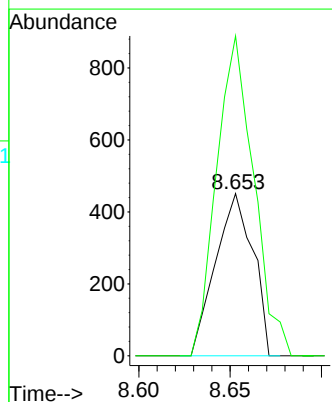
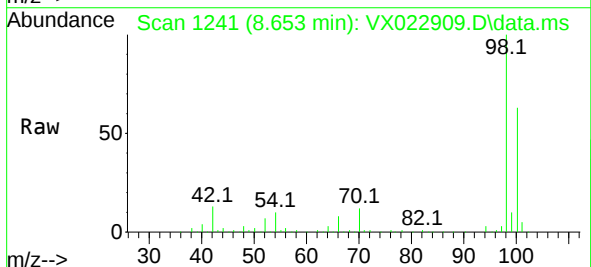
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622

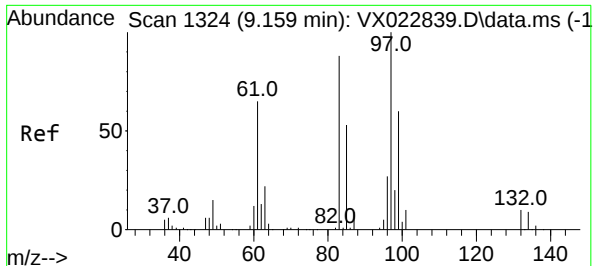
Tgt Ion: 98 Resp: 133369
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 196.0 35.4 53.0#



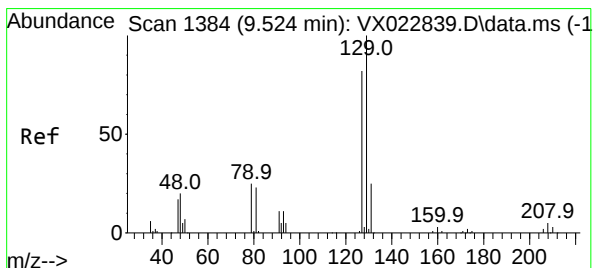
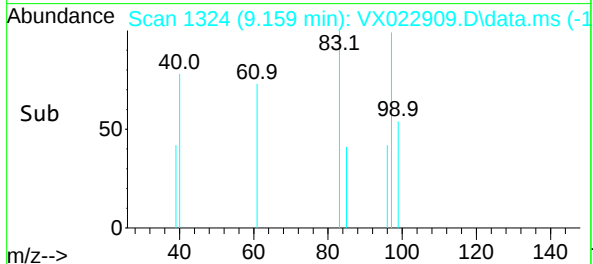
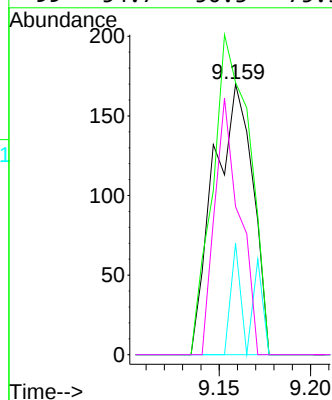
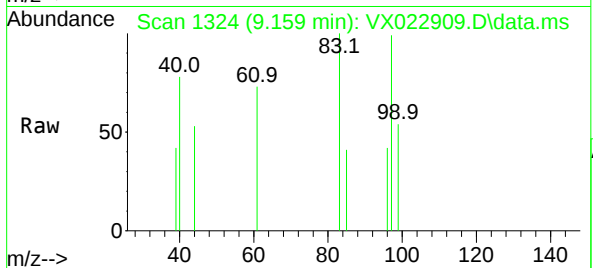


#55
1,1,2-Trichloroethane
Concen: 0.324 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622

Tgt Ion: 97 Resp: 253

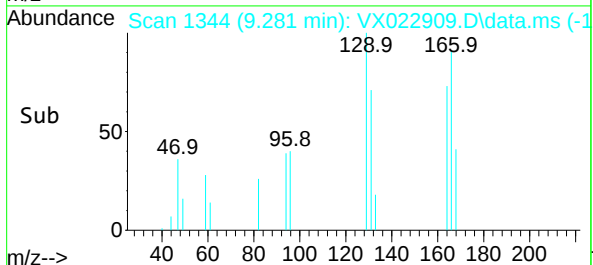
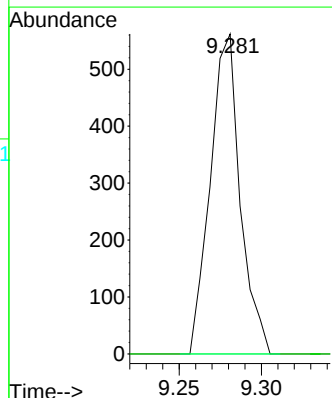
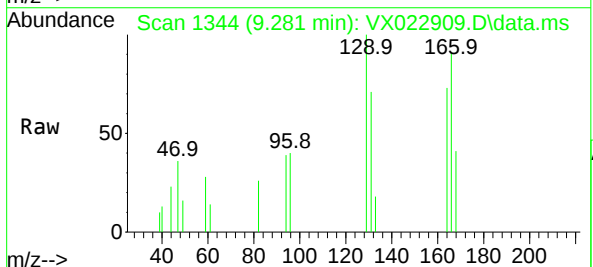
Ion	Ratio	Lower	Upper
97	100		
83	100.6	69.3	103.9
85	41.2	44.3	66.5#
99	54.7	50.3	75.5

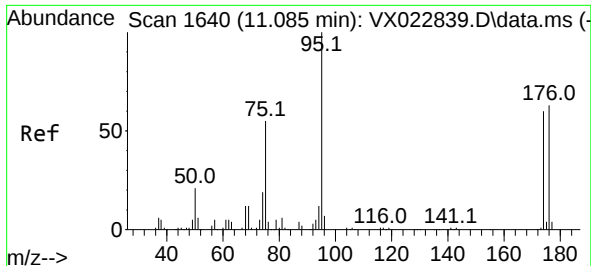


#60
Dibromochloromethane
Concen: 4.509 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion: 129 Resp: 709

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

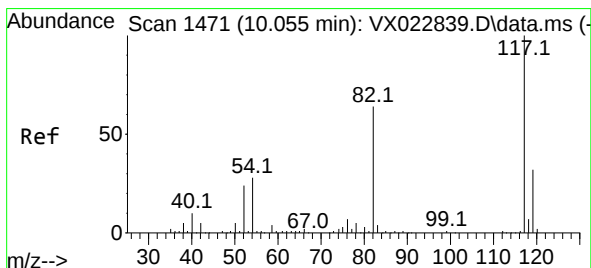
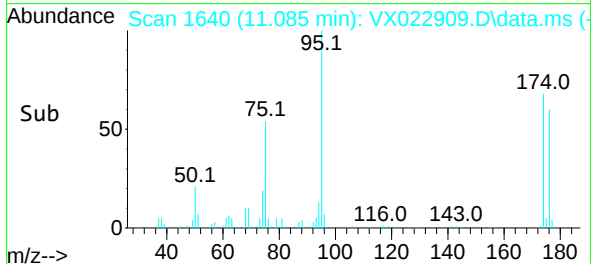
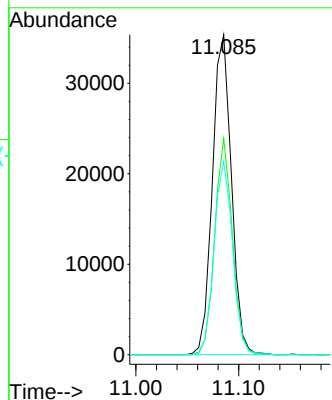
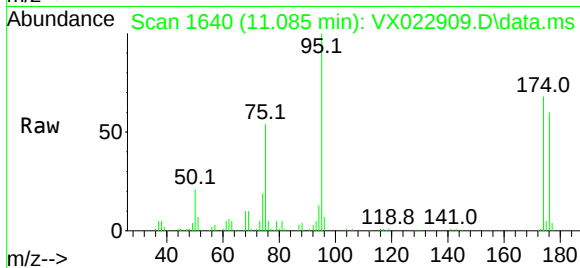




#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

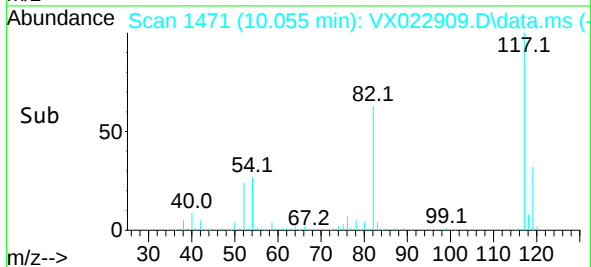
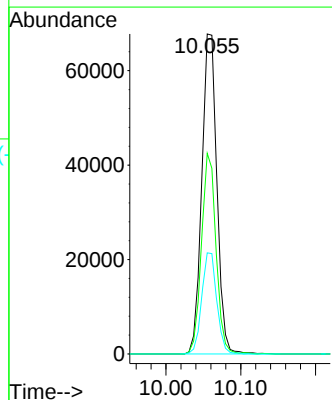
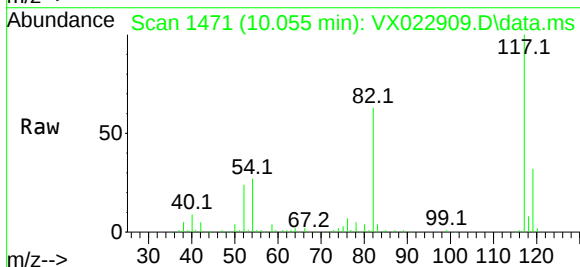
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622

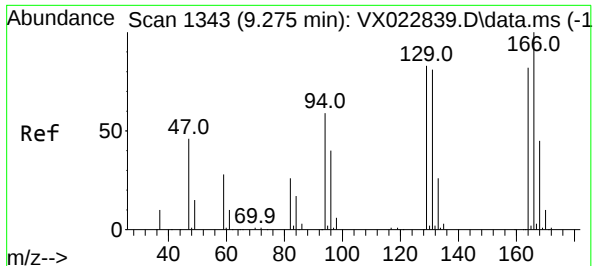
Tgt Ion: 95 Resp: 45374
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 58.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion: 117 Resp: 94872
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 31.6 26.6 39.8

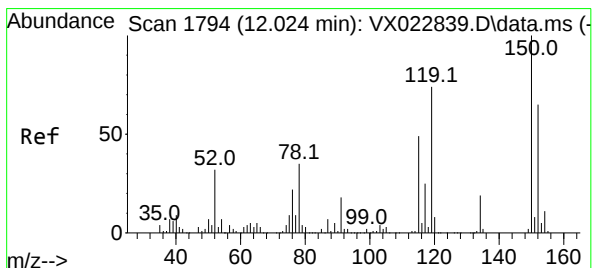
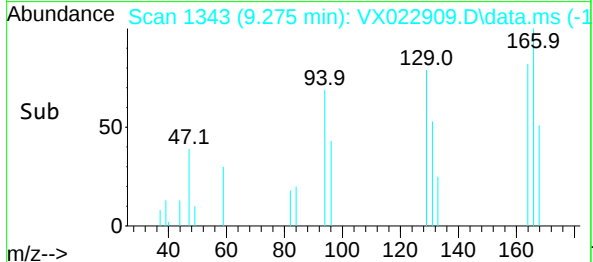
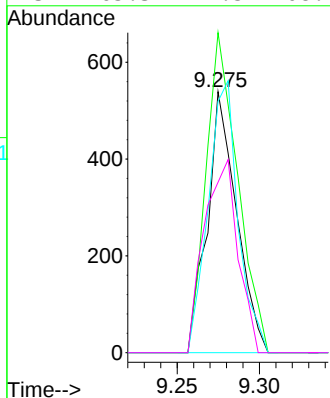
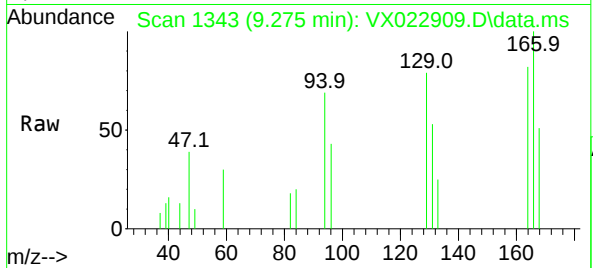




#64
Tetrachloroethene
Concen: 1.002 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

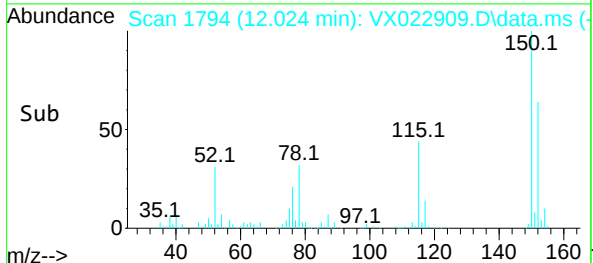
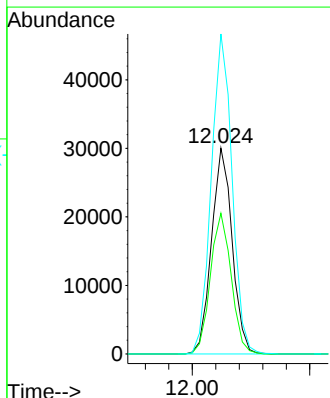
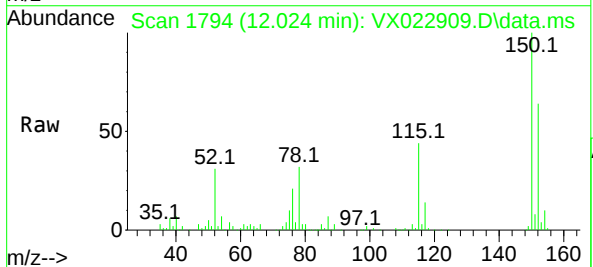
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622

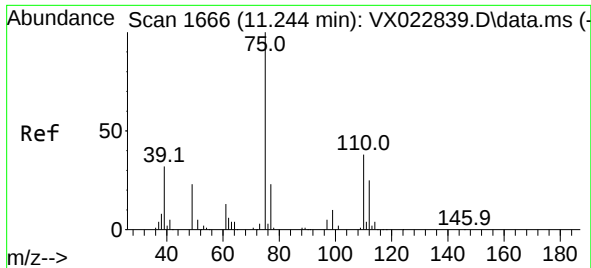
Tgt Ion:164 Resp: 668
Ion Ratio Lower Upper
164 100
166 122.6 103.4 155.2
129 96.3 70.8 106.2
131 65.3 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion:152 Resp: 36669
Ion Ratio Lower Upper
152 100
115 68.6 41.1 123.3
150 156.1 0.0 349.0

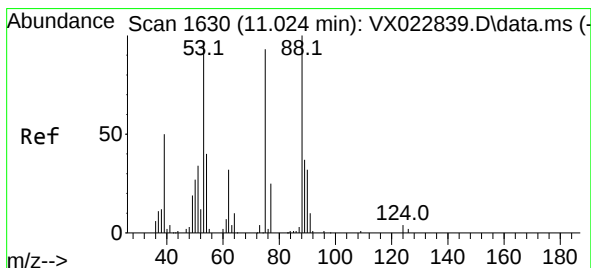
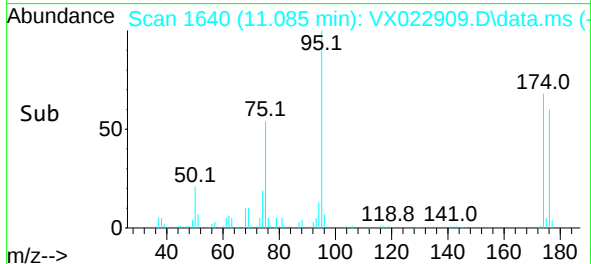
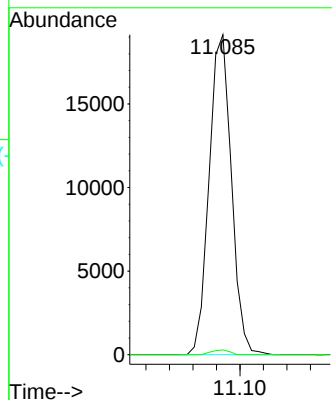
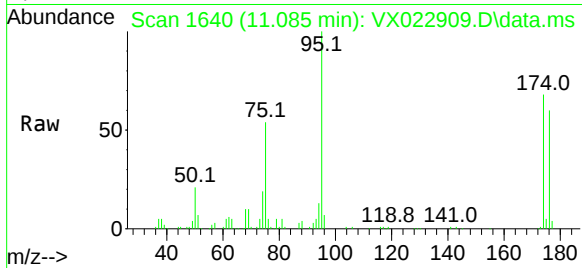




#76
1,2,3-Trichloropropane
Concen: 25.981 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20210622

Tgt Ion: 75 Resp: 25164
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.548 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022909.D
Acq: 25 Jun 2021 08:16

Tgt Ion: 75 Resp: 25164
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.3 37.9 56.9#

