

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022870.D
 Acq On : 24 Jun 2021 15:15
 Operator : JC/MD
 Sample : M2783-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20210618

Quant Time: Jun 25 05:38:26 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)

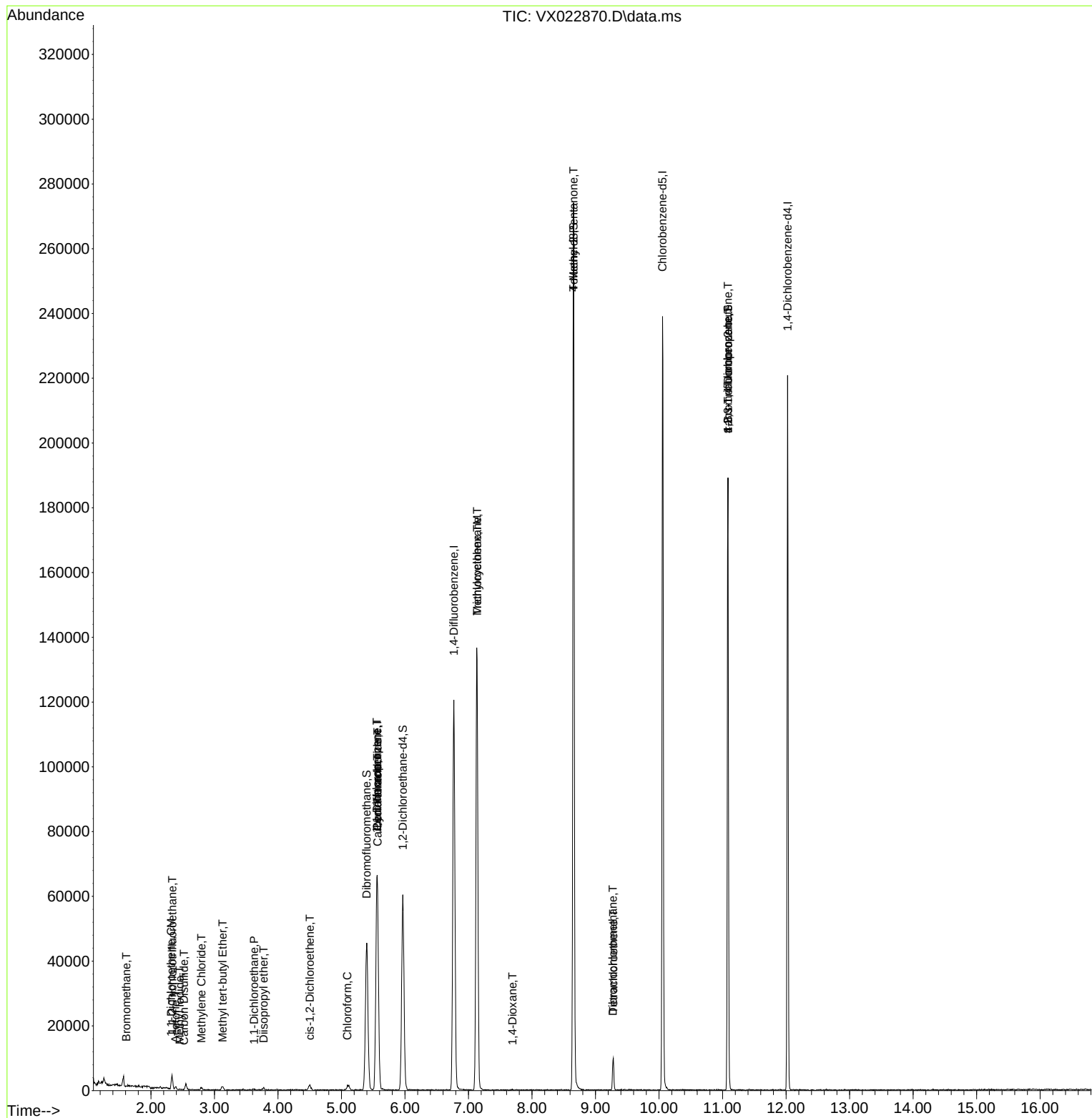
Internal Standards						
1) Pentafluorobenzene	5.562	168	54931	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	114584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54130	54.30	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	108.60%	
35) Dibromofluoromethane	5.397	113	37894	52.08	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	104.16%	
50) Toluene-d8	8.653	98	153865	53.95	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.085	95	50797	47.73	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	95.46%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	90	0.21	ug/l	# 2
9) 1,1,2-Trichlorotrifluo...	2.337	101	1434	2.01	ug/l	91
10) Methyl Iodide	2.453	142	23	3.90	ug/l	# 42
12) 1,1-Dichloroethene	2.319	96	300	0.42	ug/l	# 55
16) Acetone	2.386	43	964	2.18	ug/l	# 87
17) Carbon Disulfide	2.520	76	145	3.59	ug/l	# 75
19) Methyl tert-butyl Ether	3.129	73	1250	0.49	ug/l	93
20) Methylene Chloride	2.794	84	247	0.65	ug/l	# 68
22) Diisopropyl ether	3.776	45	767	0.27	ug/l	# 73
24) 1,1-Dichloroethane	3.623	63	427	0.28	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	957	1.09	ug/l	85
30) Chloroform	5.092	83	1212	0.80	ug/l	91
31) Cyclohexane	5.562	56	1614	1.15	ug/l	# 47
36) 1,1-Dichloropropene	5.556	75	5476	4.50	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	6717	6.58	ug/l	# 16
39) Methylcyclohexane	7.135	83	654	0.46	ug/l	# 1
44) Trichloroethene	7.135	130	47933	57.59	ug/l	95
49) 1,4-Dioxane	7.690	88	109	4.83	ug/l	# 54
51) 4-Methyl-2-Pentanone	8.653	43	759	0.54	ug/l	# 1
60) Dibromochloromethane	9.275	129	1640	5.47	ug/l	# 11
64) Tetrachloroethene	9.281	164	1550	2.19	ug/l	# 81
76) 1,2,3-Trichloropropane	11.085	75	27588	27.65	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27588	71.46	ug/l	# 12

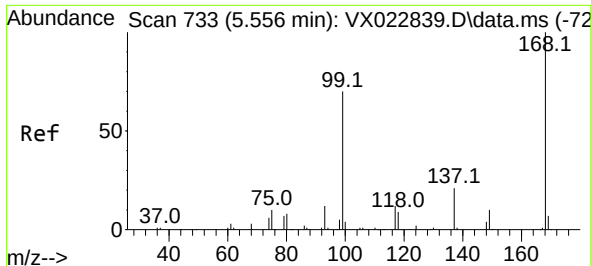
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE132D1-20210618

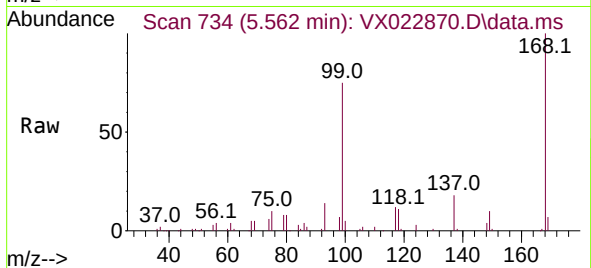
Quant Time: Jun 25 05:38:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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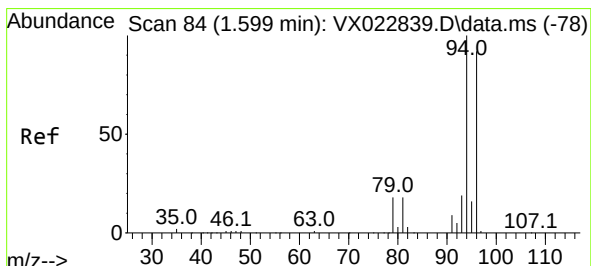
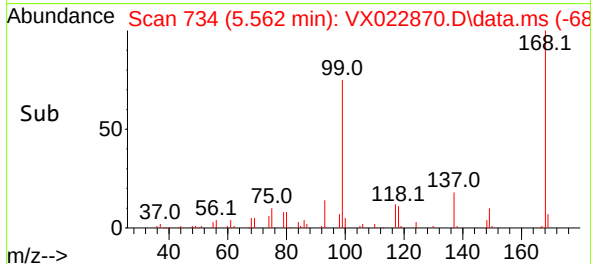
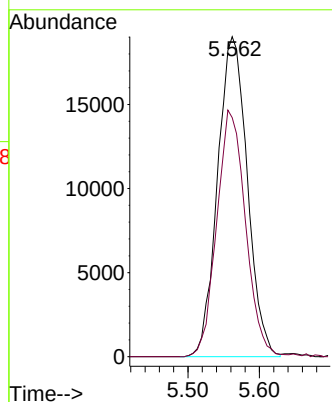


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

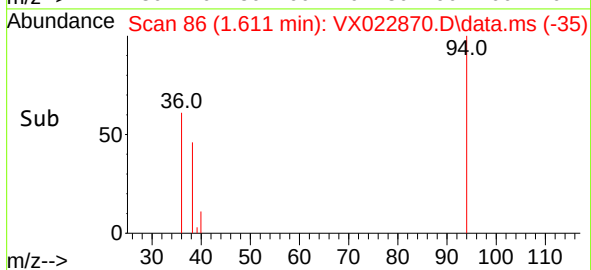
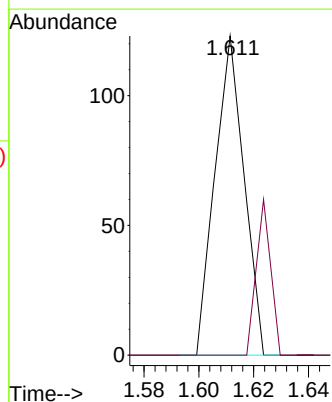
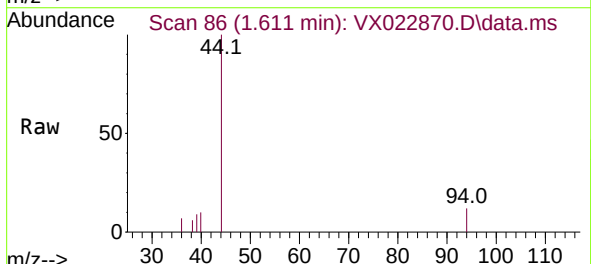


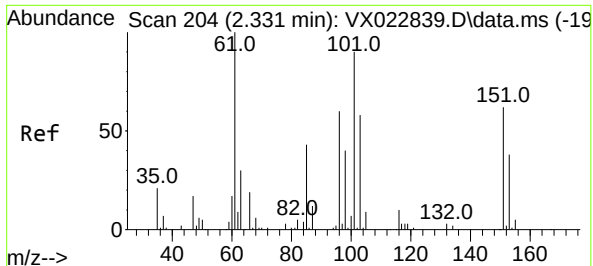
Tgt Ion:168 Resp: 54931
Ion Ratio Lower Upper
168 100
99 74.7 45.8 68.6#



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

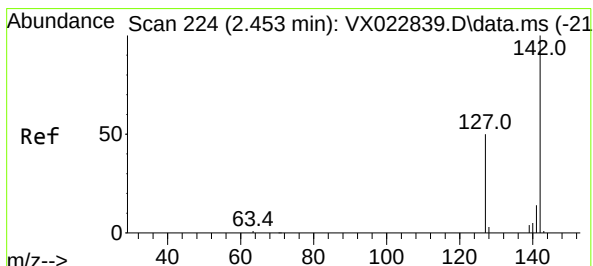
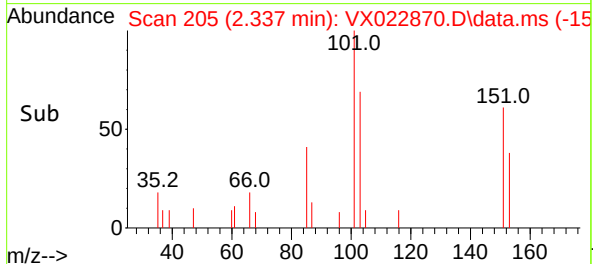
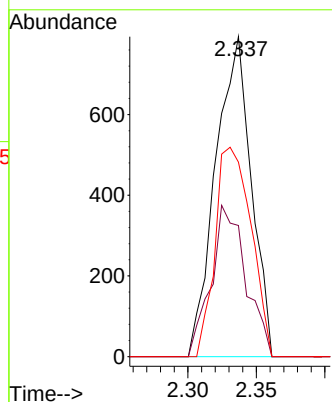
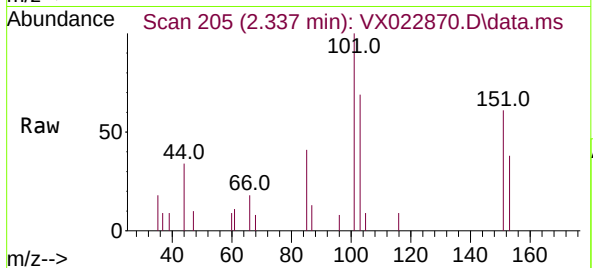




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.01 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

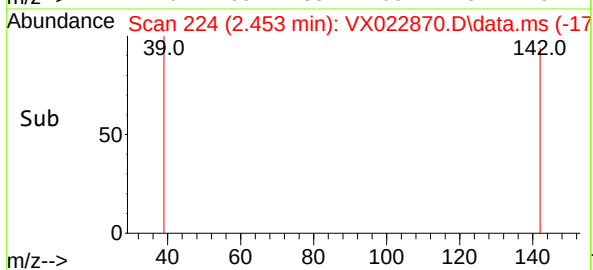
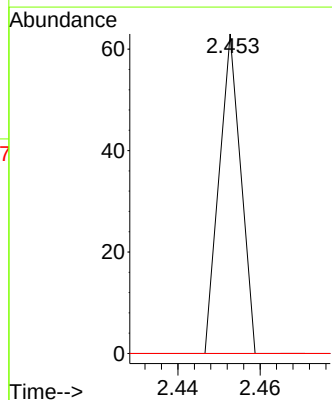
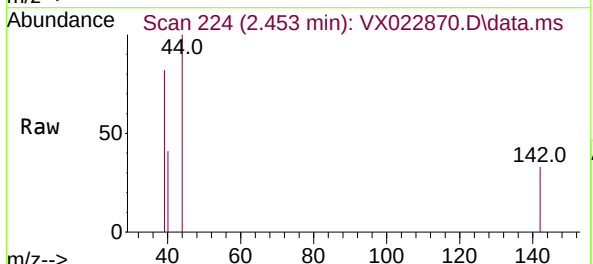
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

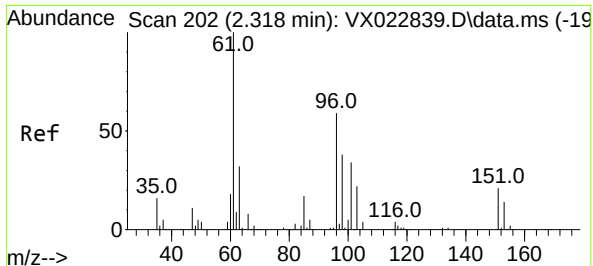
Tgt Ion:101 Resp: 1434
Ion Ratio Lower Upper
101 100
85 46.0 34.9 52.3
151 66.0 61.4 92.2



#10
Methyl Iodide
Concen: 3.90 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#





#12

1,1-Dichloroethene

Concen: 0.42 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX022870.D

Acq: 24 Jun 2021 15:15

Tgt Ion: 96 Resp: 300

Ion Ratio Lower Upper

96 100

61 117.0 124.6 187.0#

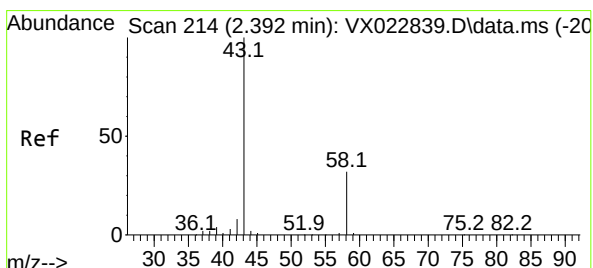
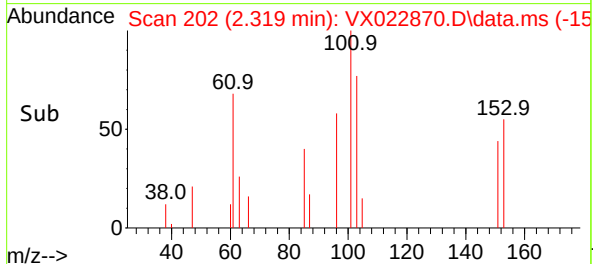
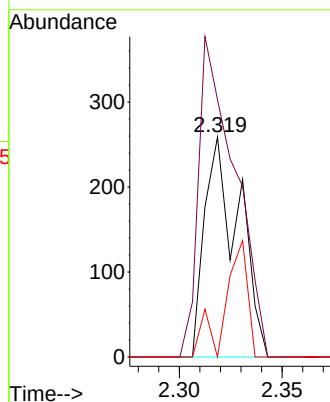
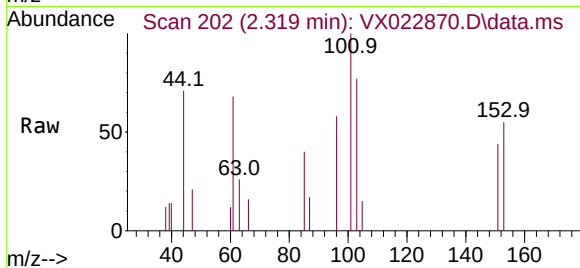
98 0.0 50.6 76.0#

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20210618



#16

Acetone

Concen: 2.18 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022870.D

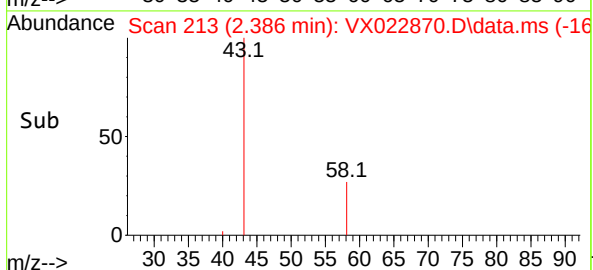
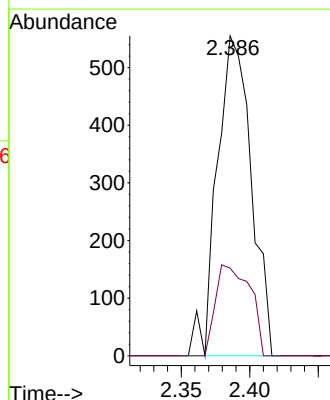
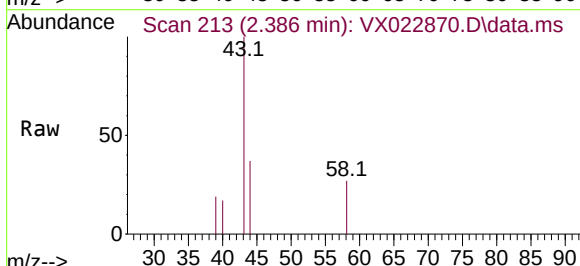
Acq: 24 Jun 2021 15:15

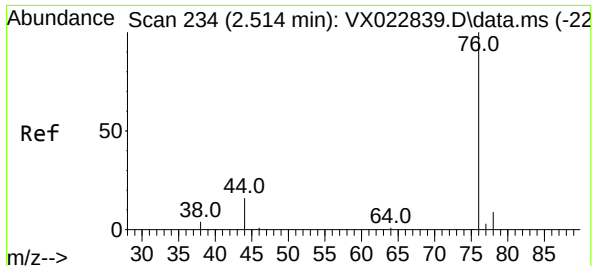
Tgt Ion: 43 Resp: 964

Ion Ratio Lower Upper

43 100

58 27.4 27.8 41.8#

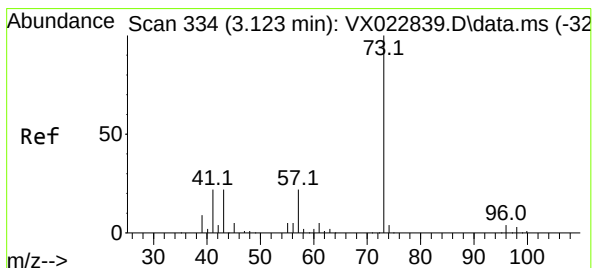
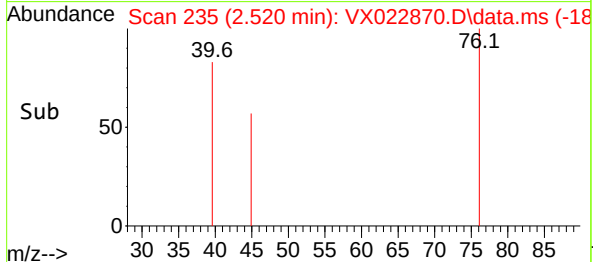
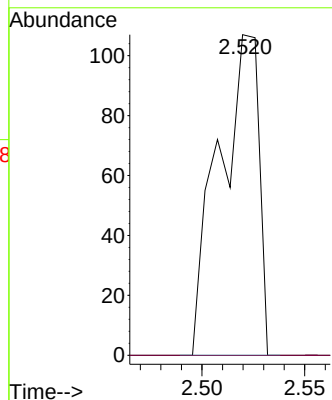
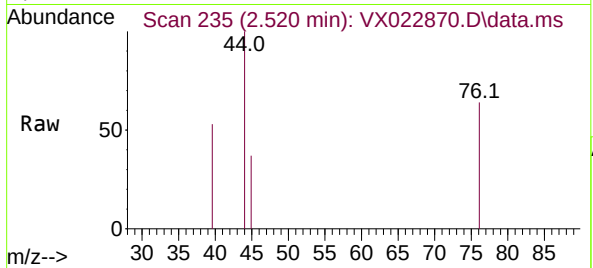




#17
Carbon Disulfide
Concen: 3.59 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

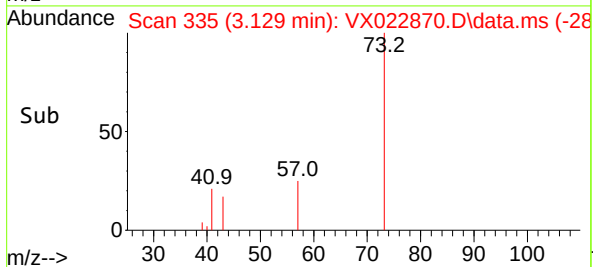
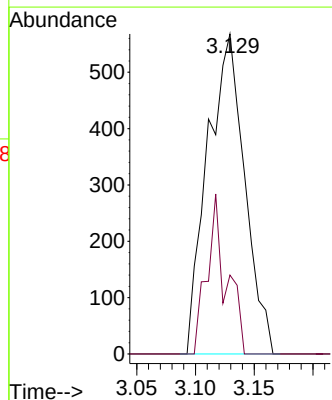
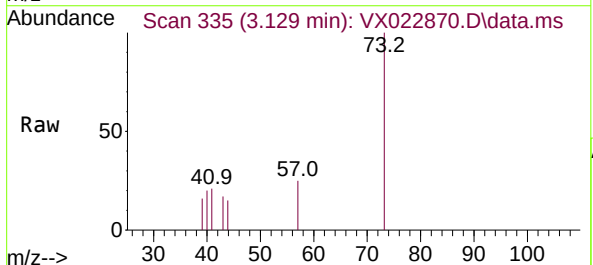
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

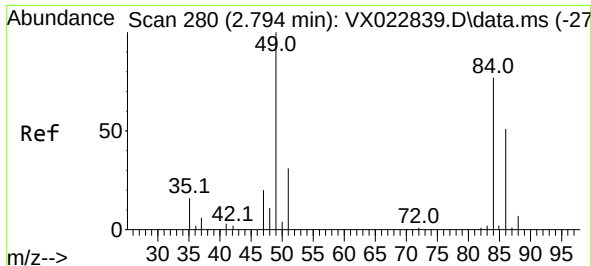
Tgt Ion: 76 Resp: 145
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.49 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 73 Resp: 1250
Ion Ratio Lower Upper
73 100
57 24.6 17.1 25.7



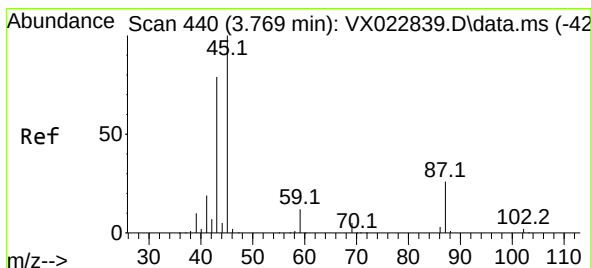
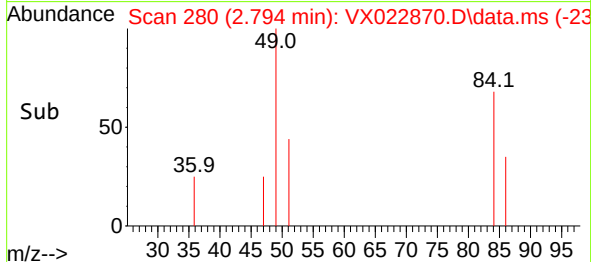
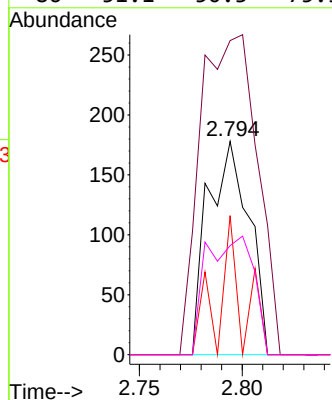
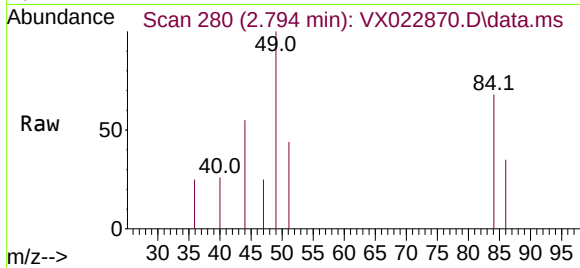


#20
Methylene Chloride
Concen: 0.65 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

Tgt Ion: 84 Resp: 247

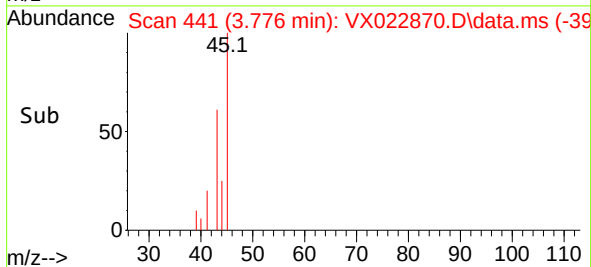
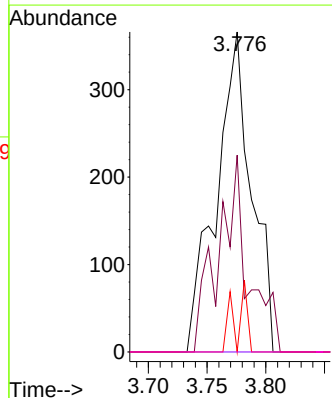
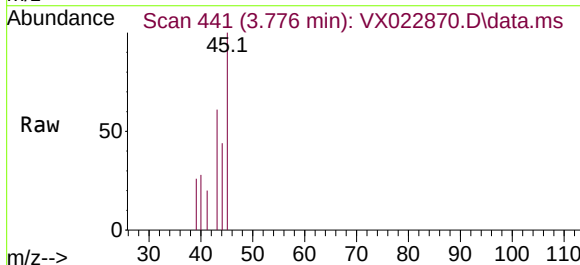
Ion	Ratio	Lower	Upper
84	100		
49	147.2	88.6	132.8#
51	65.2	27.0	40.6#
86	51.1	50.3	75.5

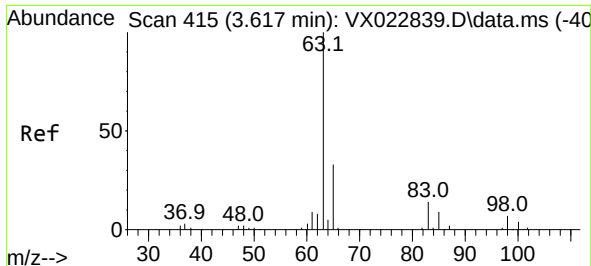


#22
Diisopropyl ether
Concen: 0.27 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.007 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 45 Resp: 767

Ion	Ratio	Lower	Upper
45	100		
43	61.5	58.0	87.0
87	0.0	25.4	38.0#
59	0.0	10.2	15.2#

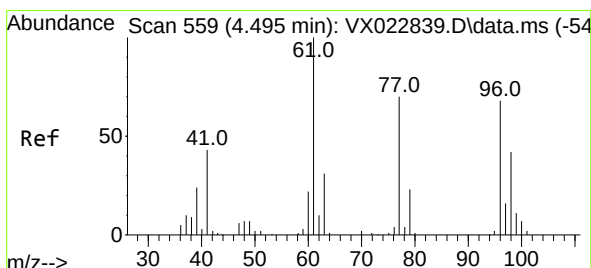
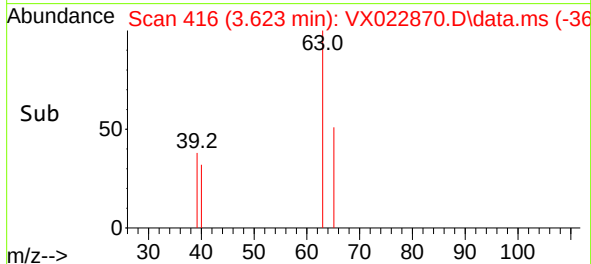
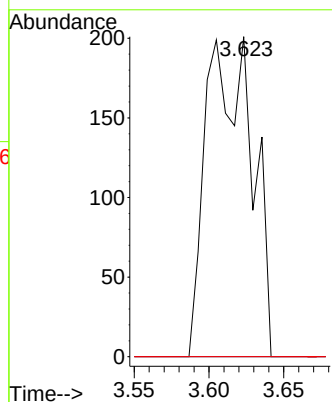
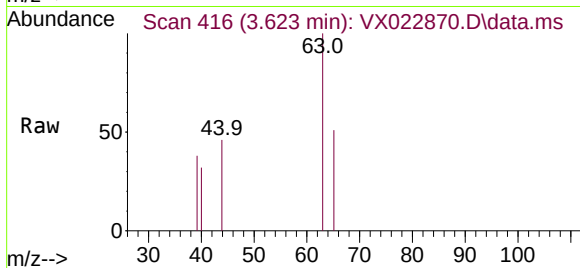




#24
1,1-Dichloroethane
Concen: 0.28 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

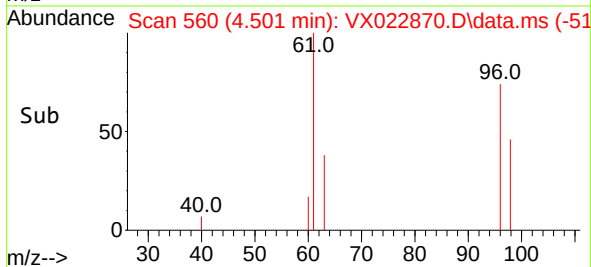
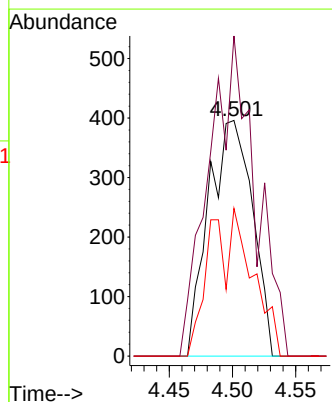
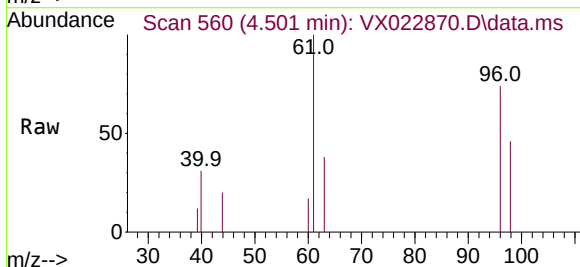
Instrument :
MSVOA_X
ClientSampleId :
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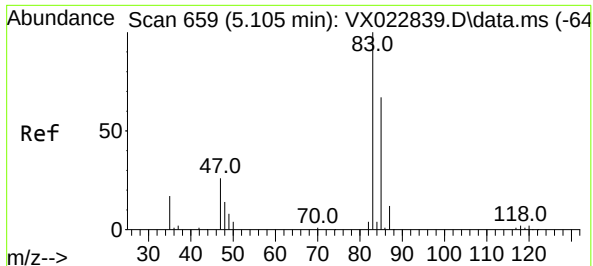
Tgt Ion: 63 Resp: 427
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 1.09 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 96 Resp: 957
Ion Ratio Lower Upper
96 100
61 142.4 0.0 285.6
98 27.6 0.0 129.6





#30

Chloroform

Concen: 0.80 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.013 min

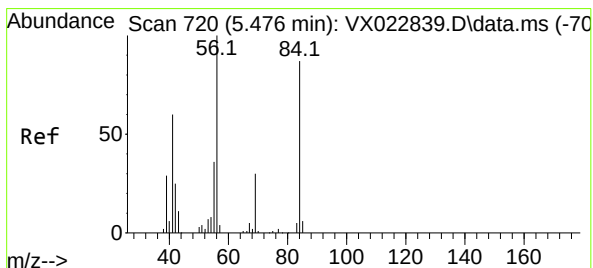
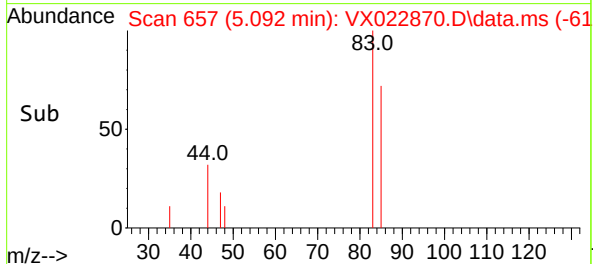
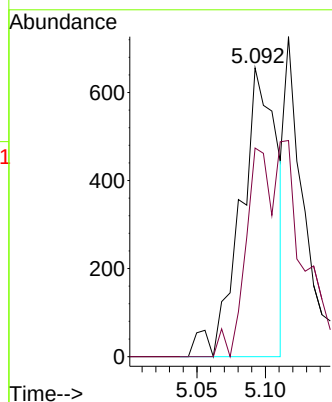
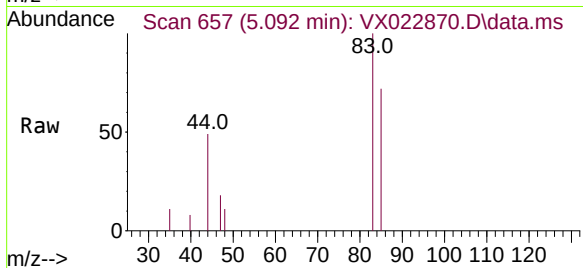
Lab File: VX022870.D

Acq: 24 Jun 2021 15:15

Tgt Ion: 83 Resp: 1212

Ion	Ratio	Lower	Upper
83	100		
85	72.3	52.0	78.0

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 5.562 min Scan# 734

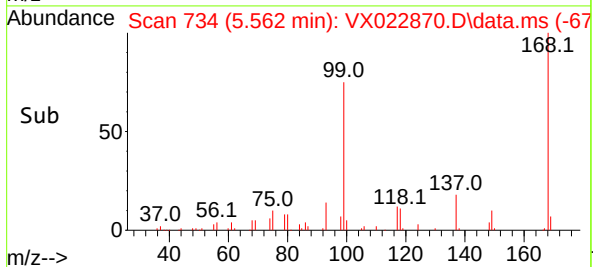
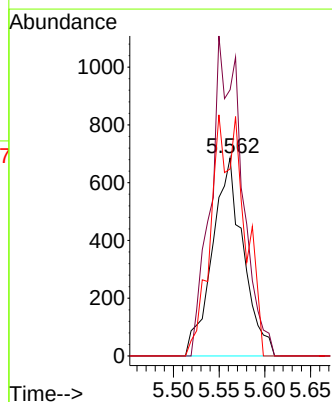
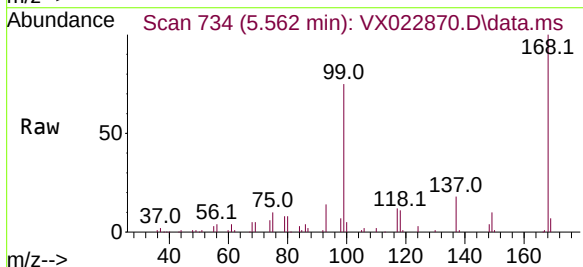
Delta R.T. 0.086 min

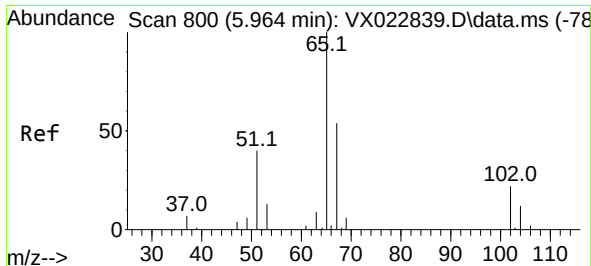
Lab File: VX022870.D

Acq: 24 Jun 2021 15:15

Tgt Ion: 56 Resp: 1614

Ion	Ratio	Lower	Upper
56	100		
69	134.4	25.3	37.9#
84	94.5	71.4	107.0

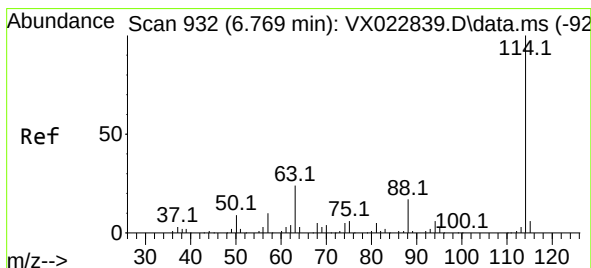
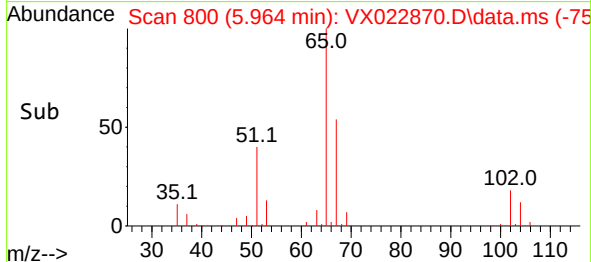
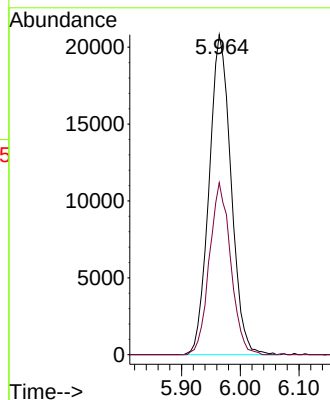
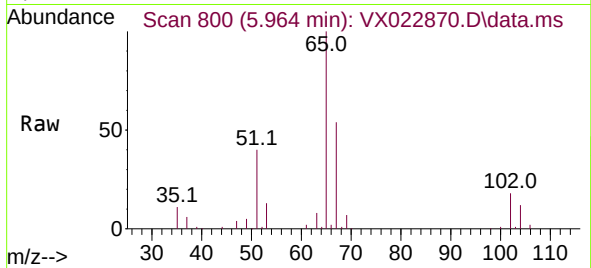




#33
 1,2-Dichloroethane-d4
 Concen: 54.30 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022870.D
 Acq: 24 Jun 2021 15:15

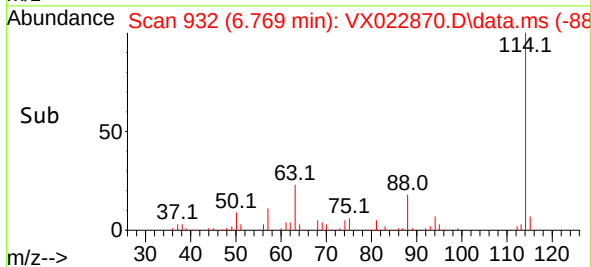
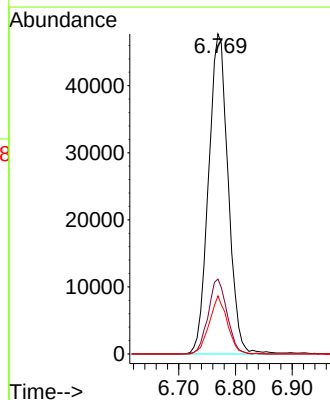
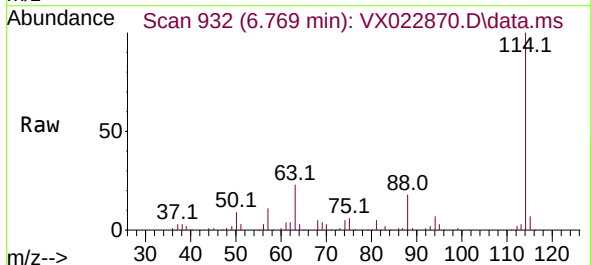
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20210618

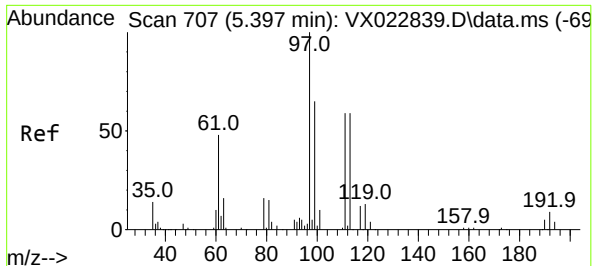
Tgt Ion: 65 Resp: 54130
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX022870.D
 Acq: 24 Jun 2021 15:15

Tgt Ion: 114 Resp: 114584
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 40.8
 88 18.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.08 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022870.D

Acq: 24 Jun 2021 15:15

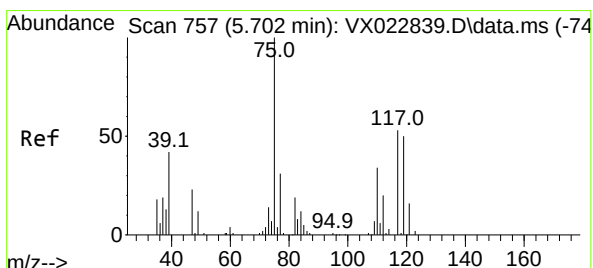
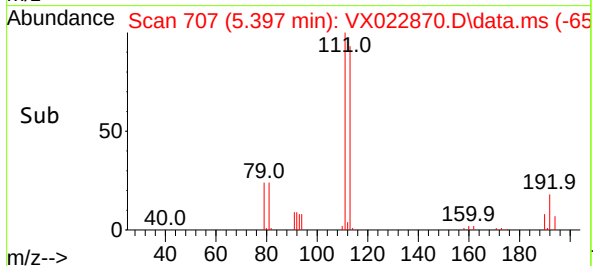
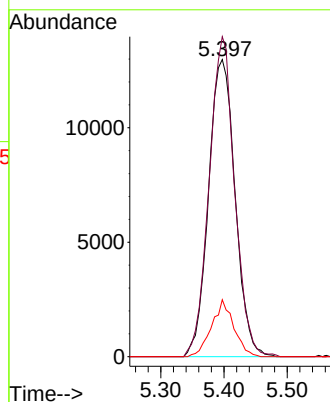
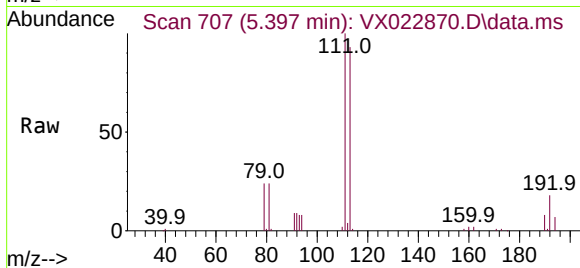
Tgt Ion:113 Resp: 37894

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

192 16.0 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.50 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022870.D

Acq: 24 Jun 2021 15:15

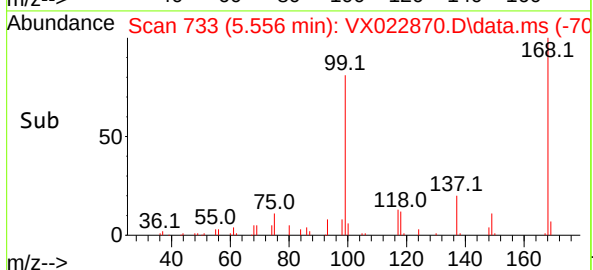
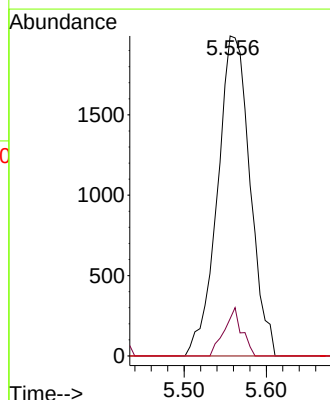
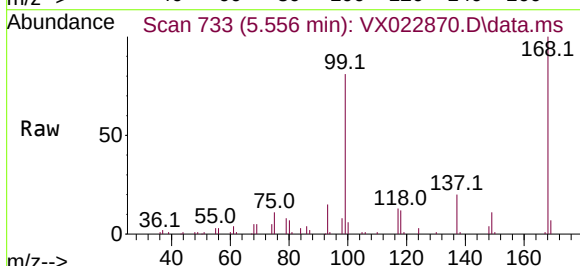
Tgt Ion: 75 Resp: 5476

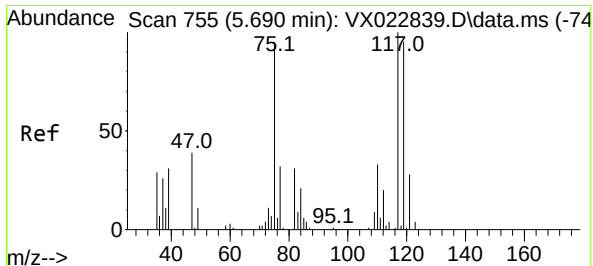
Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.4#

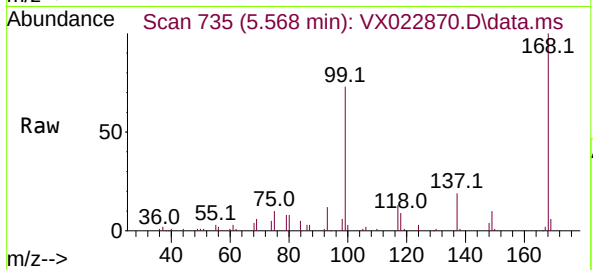
77 0.0 25.3 37.9#



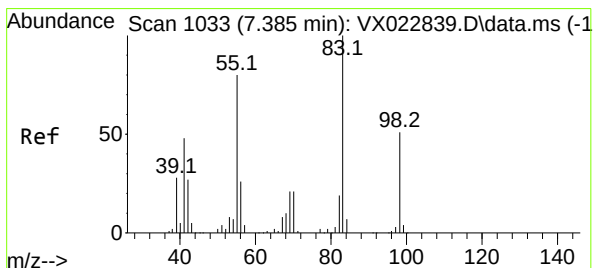
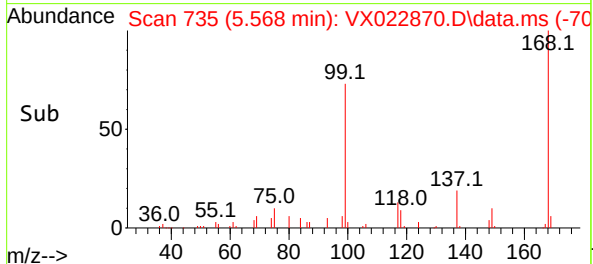
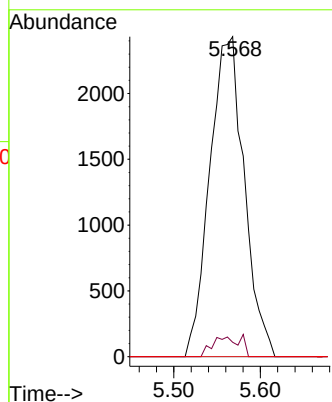


#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

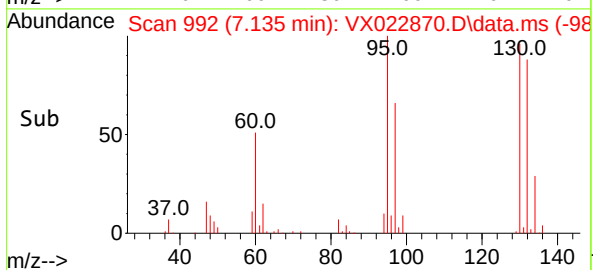
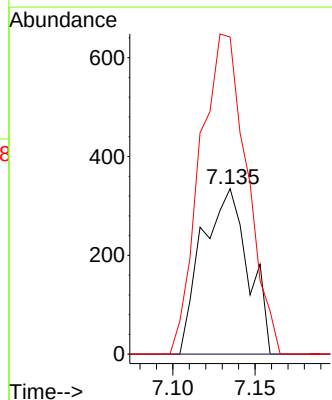
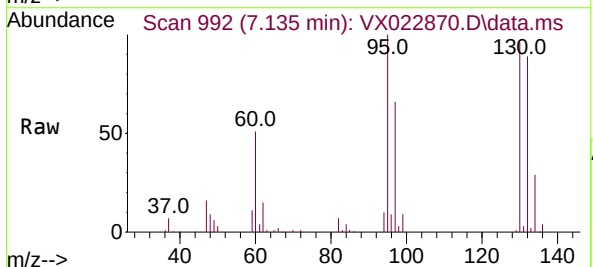


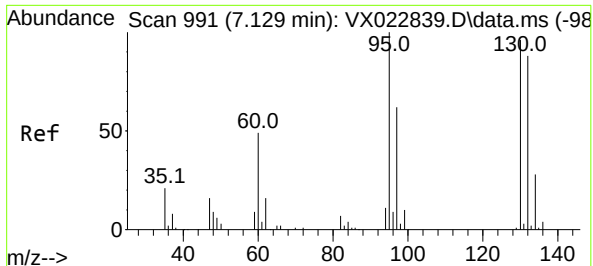
Tgt Ion:117 Resp: 6717
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.46 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 83 Resp: 654
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 191.6 38.1 57.1#

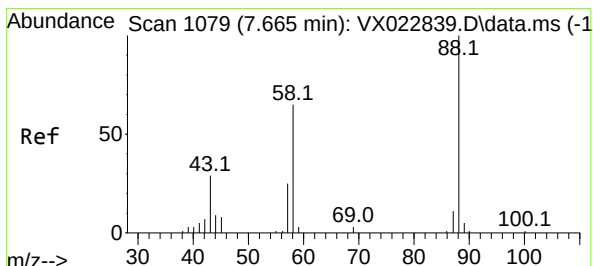
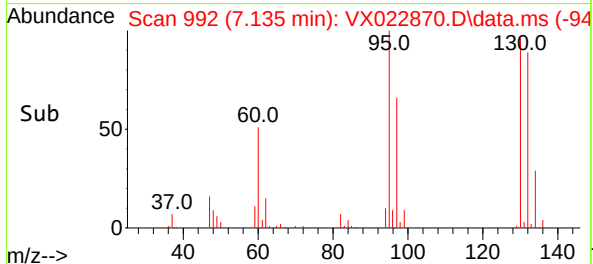
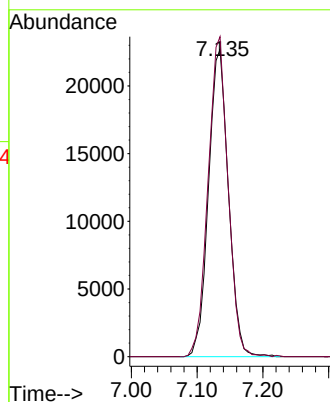
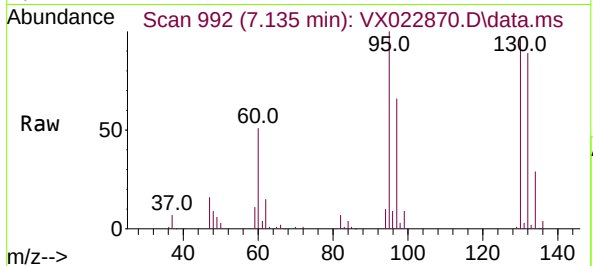




#44
Trichloroethene
Concen: 57.59 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

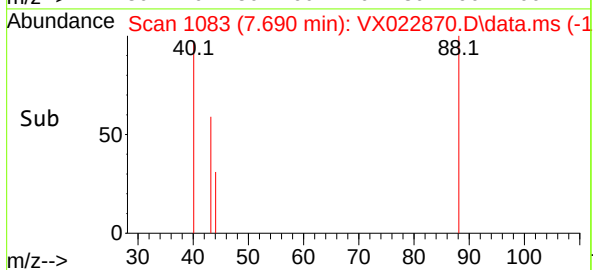
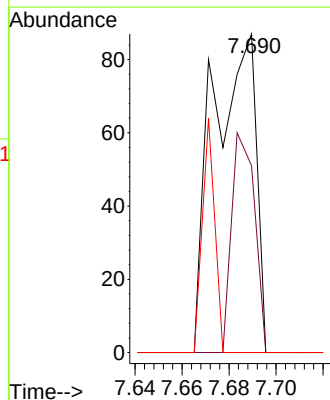
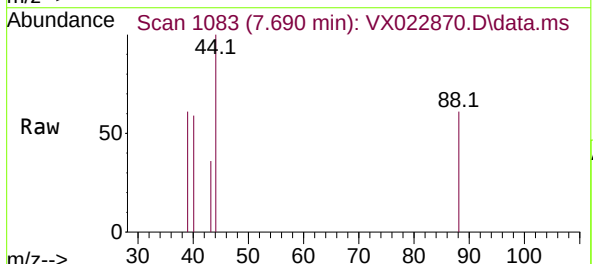
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

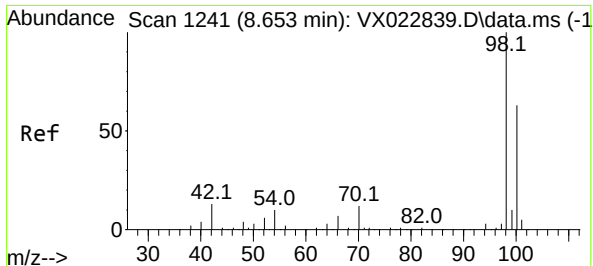
Tgt Ion:130 Resp: 47933
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.0



#49
1,4-Dioxane
Concen: 4.83 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.025 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 88 Resp: 109
Ion Ratio Lower Upper
88 100
43 37.6 23.2 34.8#
58 21.1 55.0 82.4#

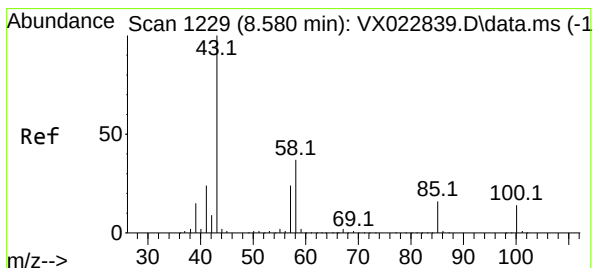
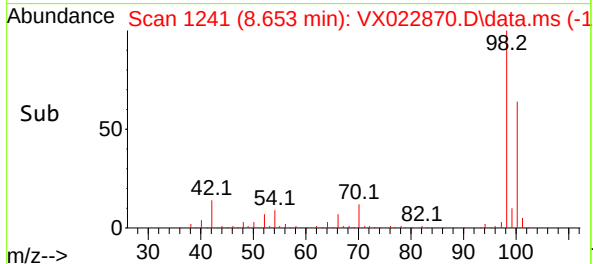
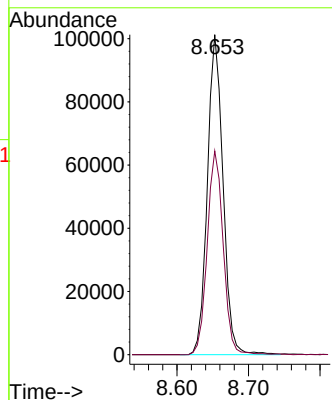
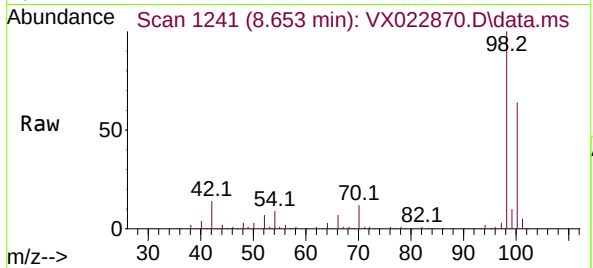




#50
Toluene-d8
Concen: 53.95 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

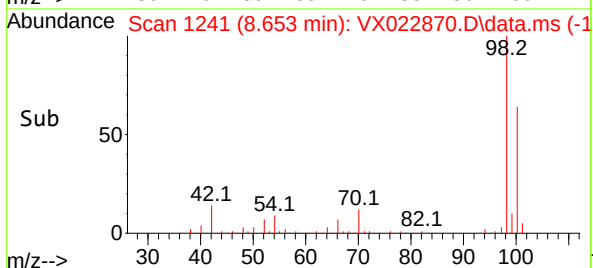
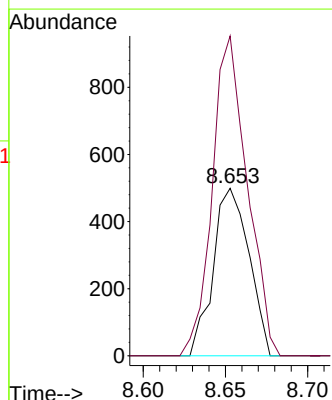
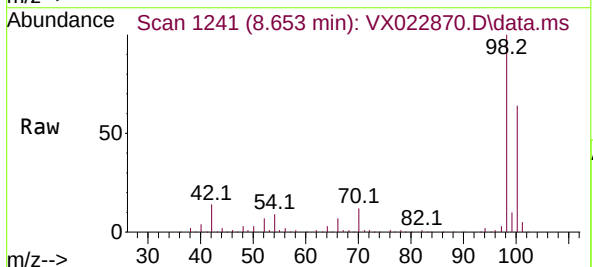
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

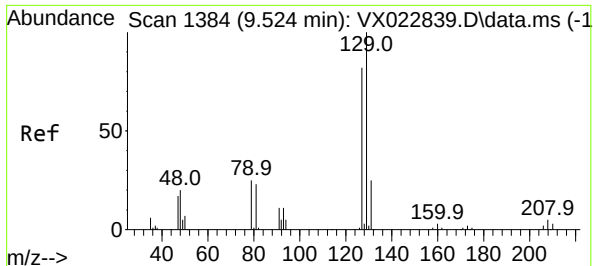
Tgt Ion: 98 Resp: 153865
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 43 Resp: 759
Ion Ratio Lower Upper
43 100
58 186.3 35.4 53.0#

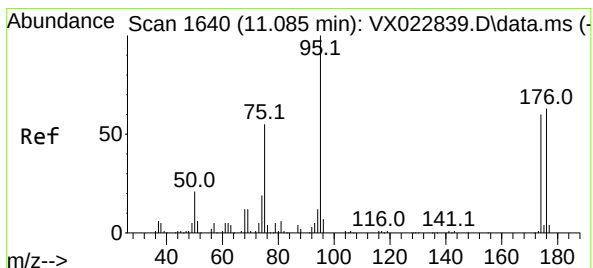
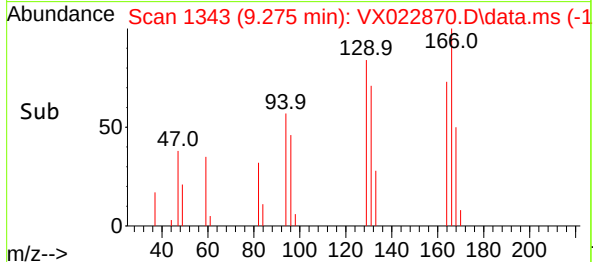
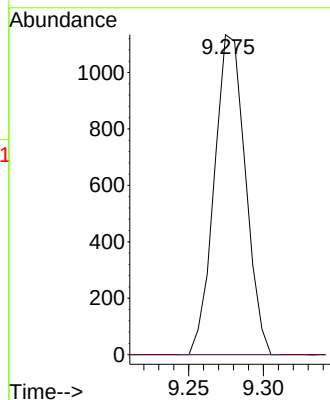
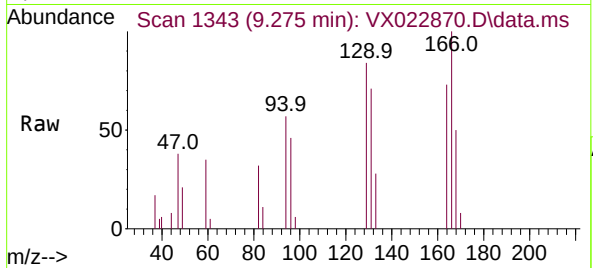




#60
Dibromochloromethane
Concen: 5.47 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

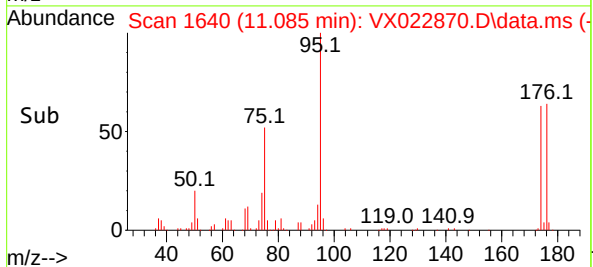
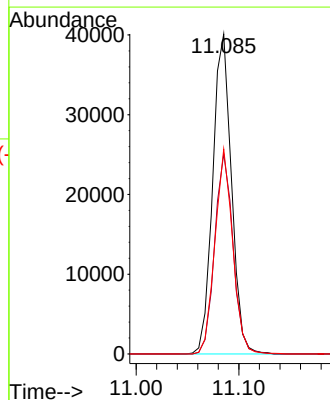
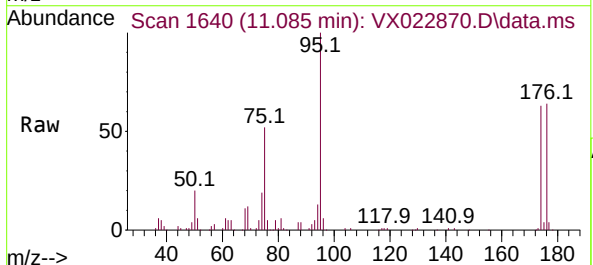
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

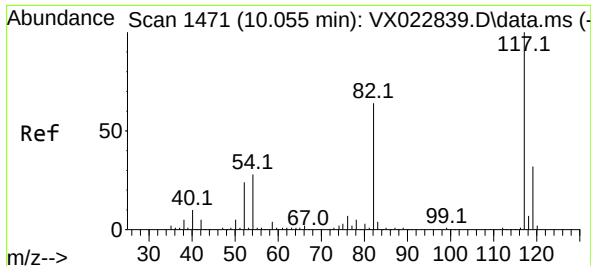
Tgt Ion:129 Resp: 1640
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.73 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 95 Resp: 50797
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 61.0 0.0 155.8

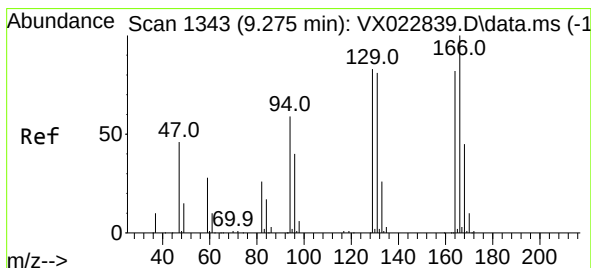
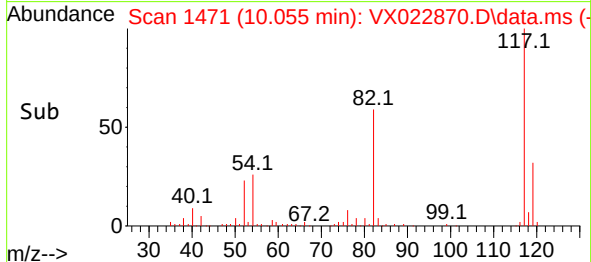
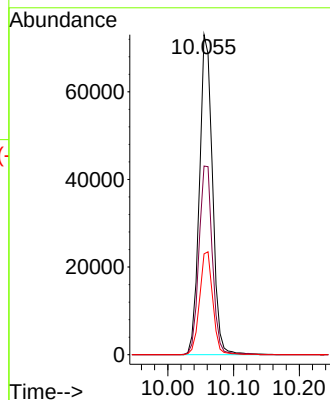
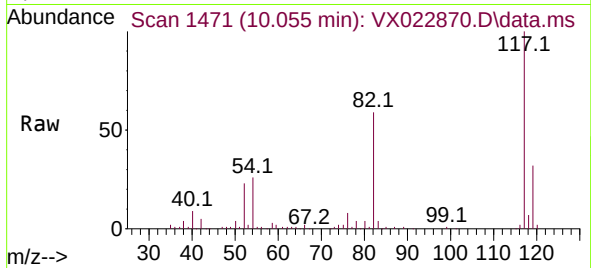




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

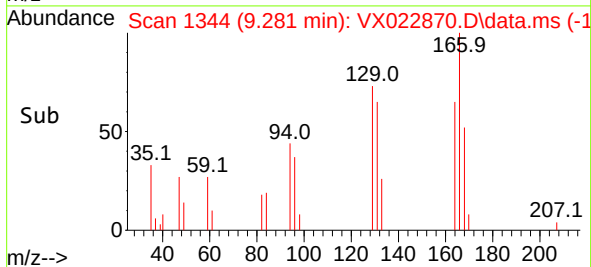
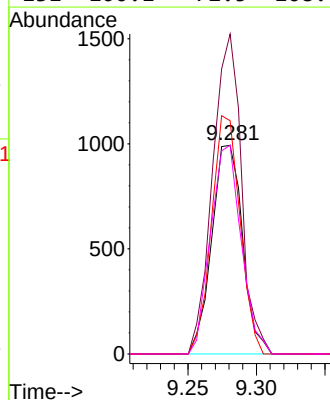
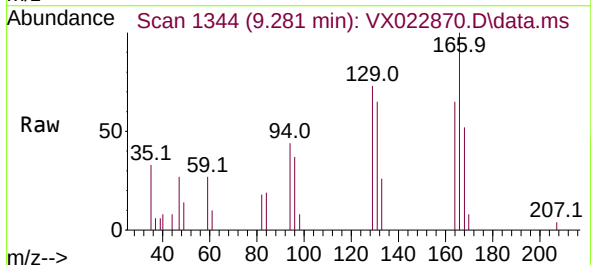
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20210618

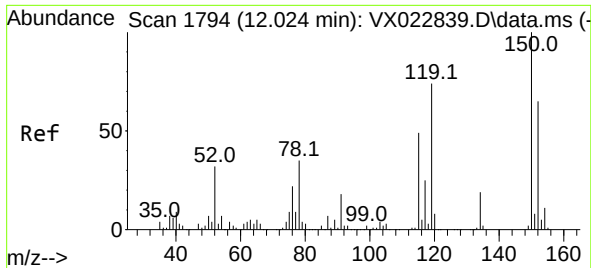
Tgt Ion:117 Resp: 100655
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 31.5 26.6 39.8



#64
Tetrachloroethene
Concen: 2.19 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022870.D
Acq: 24 Jun 2021 15:15

Tgt Ion:164 Resp: 1550
Ion Ratio Lower Upper
164 100
166 153.4 103.4 155.2
129 111.8 70.8 106.2#
131 100.1 72.5 108.7

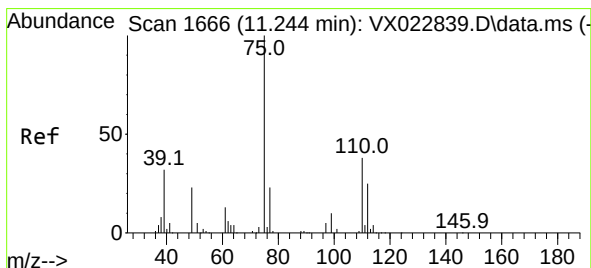
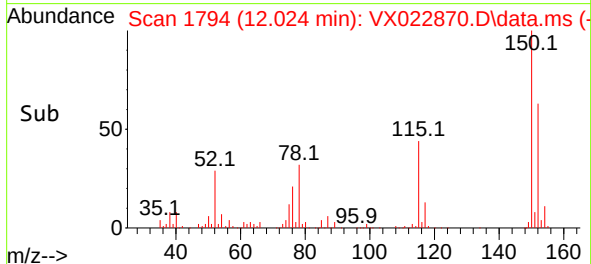
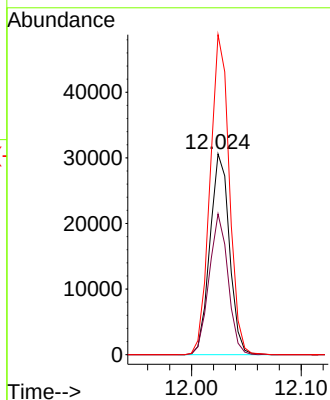
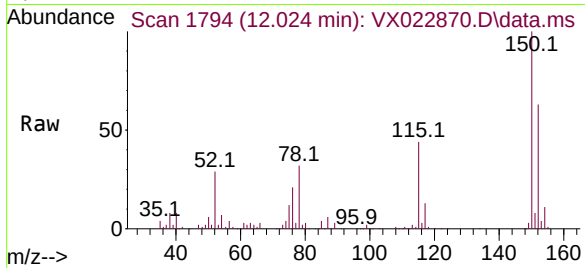




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022870.D
 Acq: 24 Jun 2021 15:15

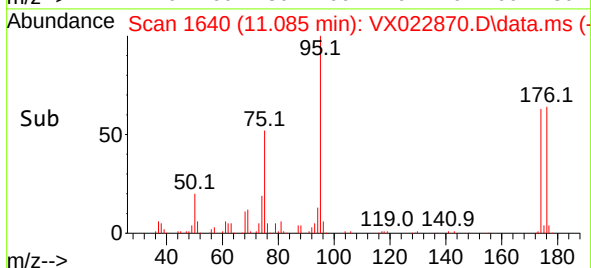
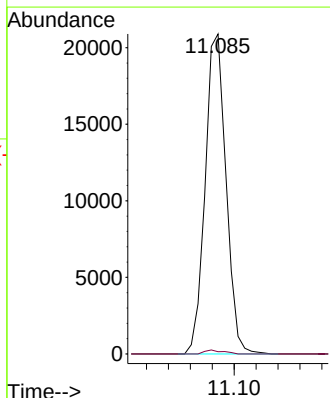
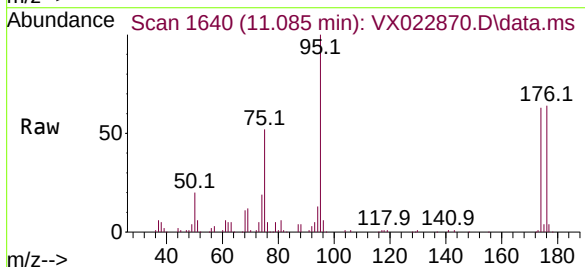
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20210618

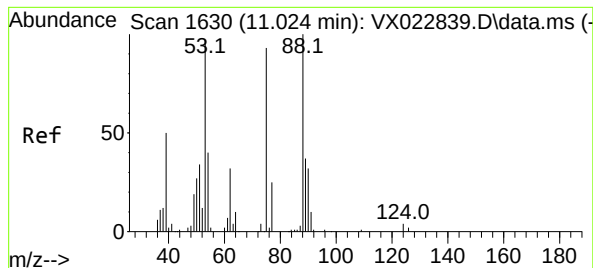
Tgt Ion:152 Resp: 37779
 Ion Ratio Lower Upper
 152 100
 115 67.7 41.1 123.3
 150 157.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.65 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022870.D
 Acq: 24 Jun 2021 15:15

Tgt Ion: 75 Resp: 27588
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 71.46 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022870.D

Acq: 24 Jun 2021 15:15

Tgt Ion: 75 Resp: 27588

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20210618

