

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024515.D
 Acq On : 04 Oct 2021 13:14
 Operator : JC/MD
 Sample : M3911-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-02-(1.0)RE

Quant Time: Oct 05 03:19:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

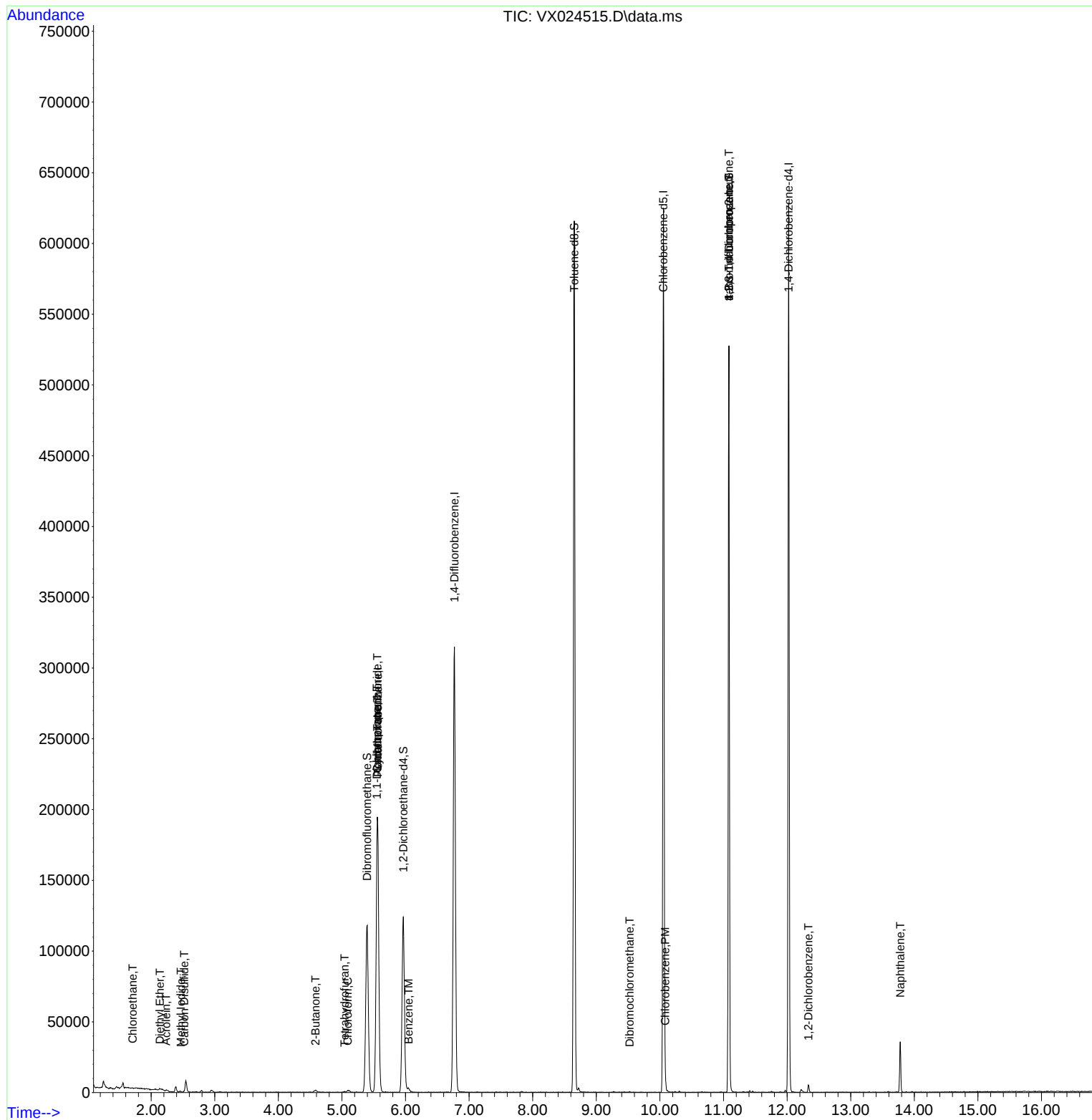
Internal Standards						
1) Pentafluorobenzene	5.562	168	181443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	323845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123843	48.429	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.860%		
35) Dibromofluoromethane	5.397	113	100443	46.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.380%		
50) Toluene-d8	8.653	98	374277	47.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.540%		
62) 4-Bromofluorobenzene	11.085	95	133588	42.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.820%		
Target Compounds					Qvalue	
6) Chloroethane	1.709	64	212	0.434	ug/l	92
8) Diethyl Ether	2.136	74	231	0.214	ug/l #	36
10) Methyl Iodide	2.465	142	676	0.270	ug/l #	76
11) Tert butyl alcohol	2.953	59	1059	Below Cal	#	73
13) Acrolein	2.233	56	40	10.335	ug/l #	1
16) Acetone	2.392	43	4395	Below Cal	#	82
17) Carbon Disulfide	2.520	76	654	0.380	ug/l #	75
20) Methylene Chloride	2.794	84	557	Below Cal	#	68
25) 2-Butanone	4.587	43	405	0.230	ug/l #	45
29) Tetrahydrofuran	5.044	42	289	0.258	ug/l #	42
30) Chloroform	5.093	83	2018	0.530	ug/l	99
31) Cyclohexane	5.556	56	3644	1.190	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13710	4.416	ug/l #	50
38) Carbon Tetrachloride	5.556	117	19172	5.673	ug/l #	16
40) Benzene	6.050	78	2810	0.317	ug/l	91
60) Dibromochloromethane	9.525	129	158	1.245	ug/l	96
65) Chlorobenzene	10.086	112	3960	0.699	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	71530	25.341	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	71530	69.077	ug/l #	12
91) 1,2-Dichlorobenzene	12.335	146	1782	0.419	ug/l	87
95) Naphthalene	13.780	128	22482	2.592	ug/l	98

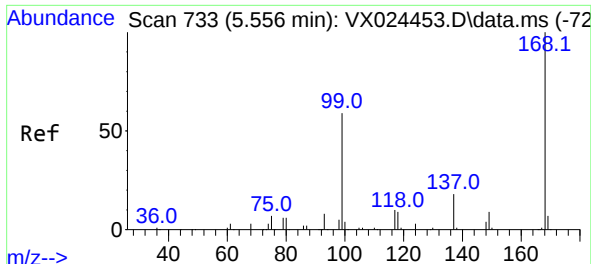
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
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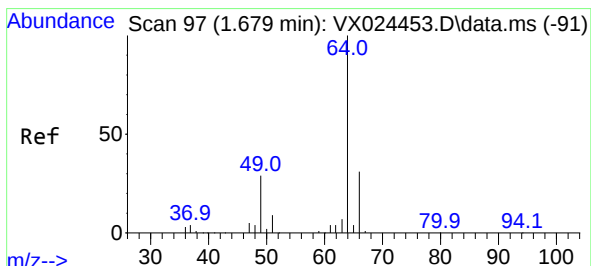
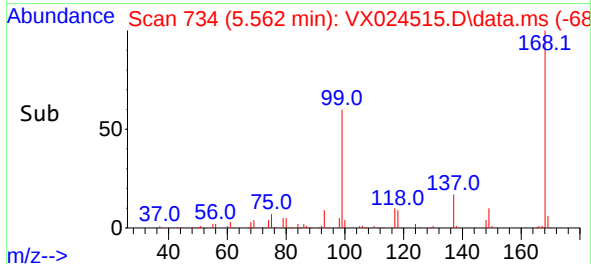
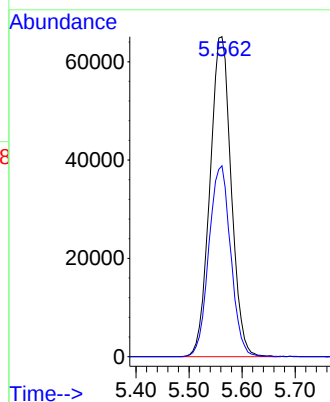
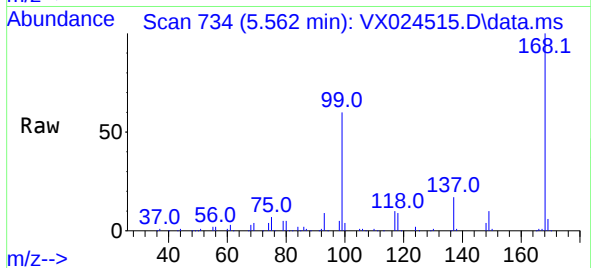




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

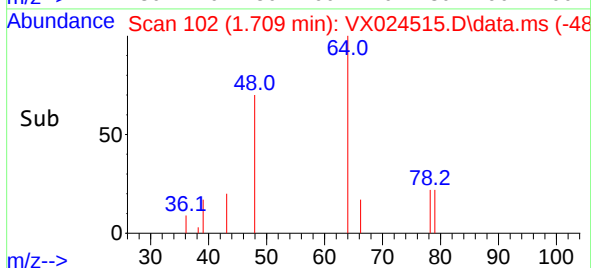
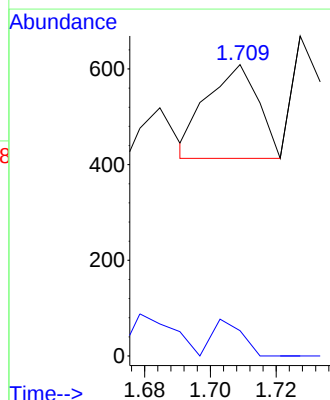
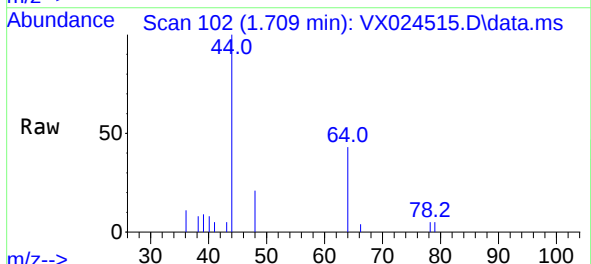
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

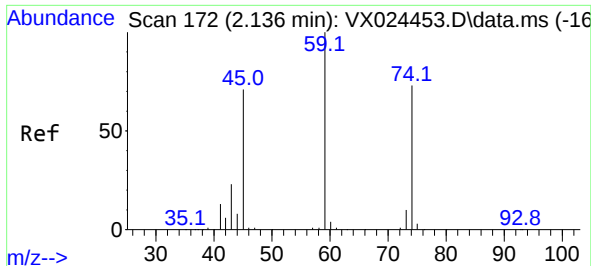
Tgt Ion:168 Resp: 181443
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#6
Chloroethane
Concen: 0.434 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 27.0 25.4 38.0

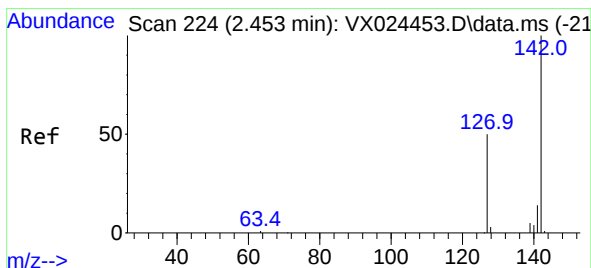
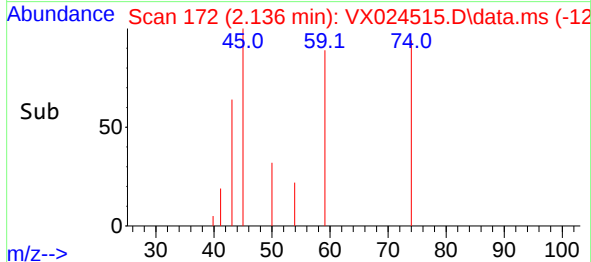
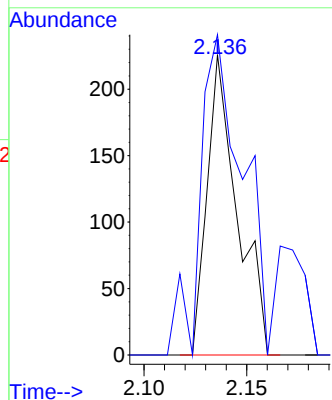
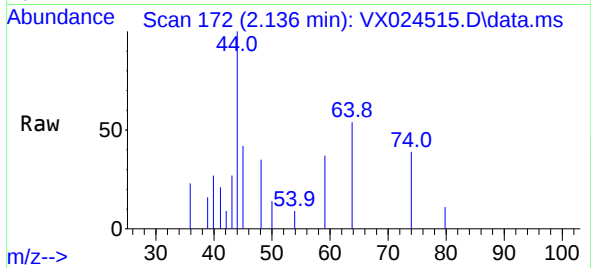




#8
Diethyl Ether
Concen: 0.214 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

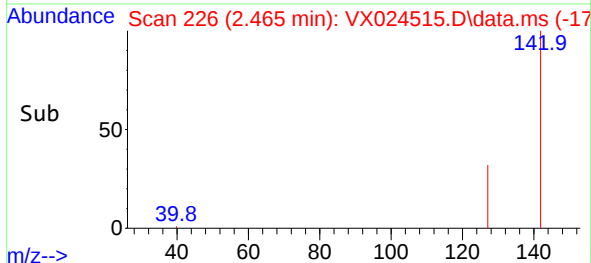
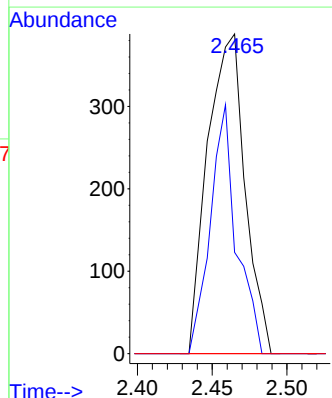
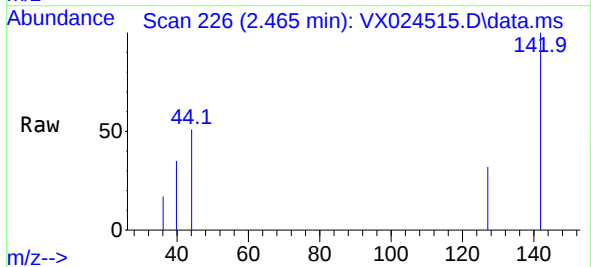
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

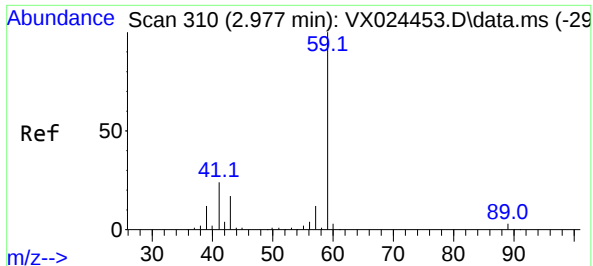
Tgt Ion: 74 Resp: 231
Ion Ratio Lower Upper
74 100
45 148.5 44.5 133.5#



#10
Methyl Iodide
Concen: 0.270 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 142 Resp: 676
Ion Ratio Lower Upper
142 100
127 54.4 33.3 49.9#
141 0.0 11.4 17.0#



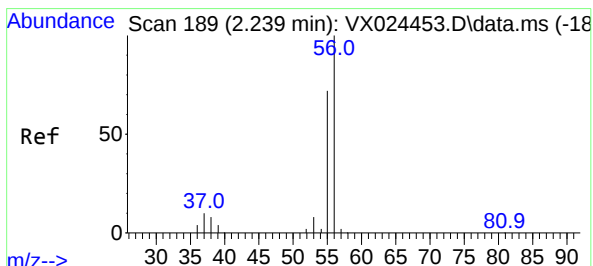
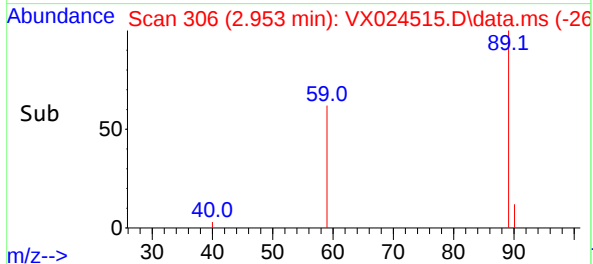
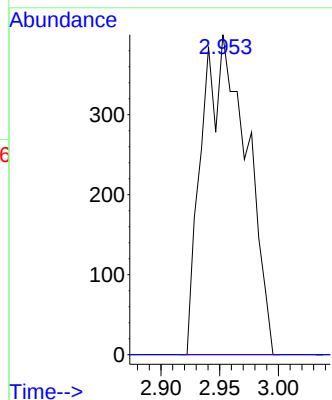
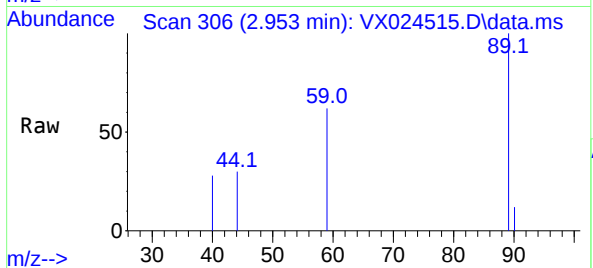


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

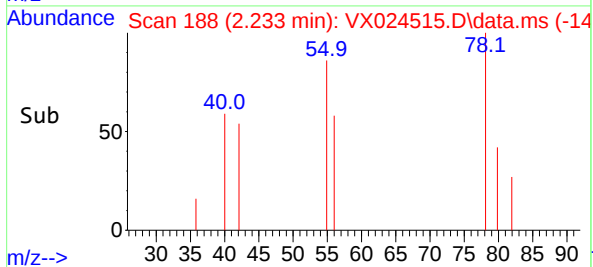
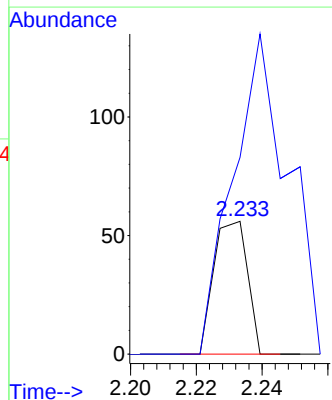
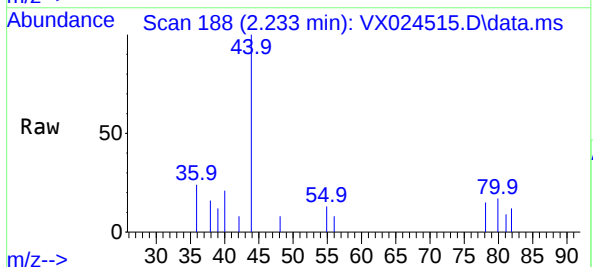
Tgt Ion: 59 Resp: 1059
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

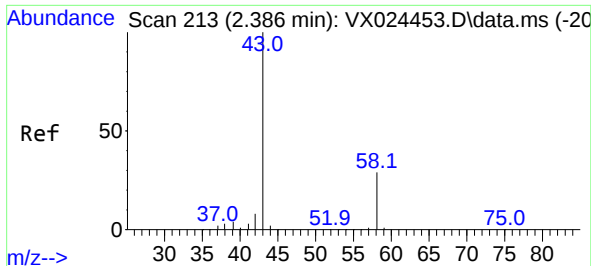


#13

Acrolein
Concen: 10.335 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 392.5 56.4 84.6#

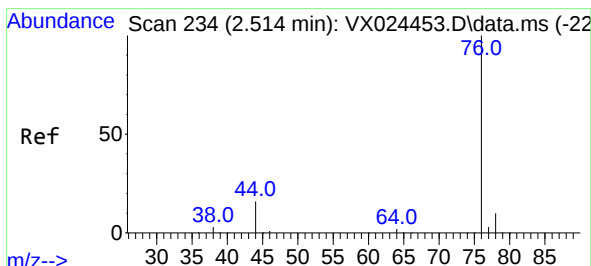
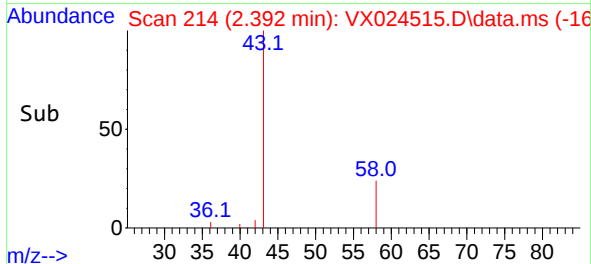
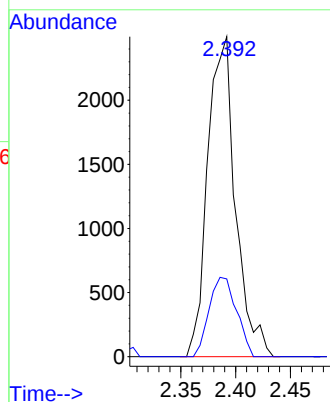
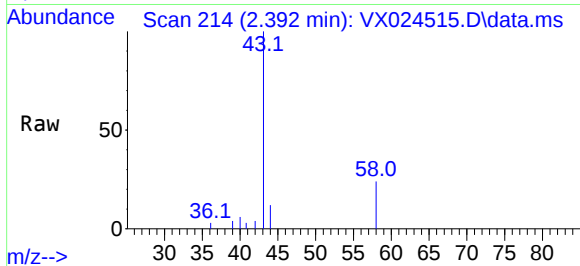




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

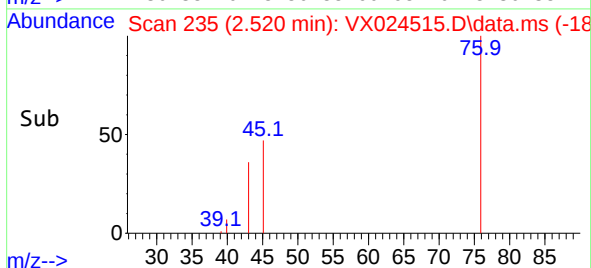
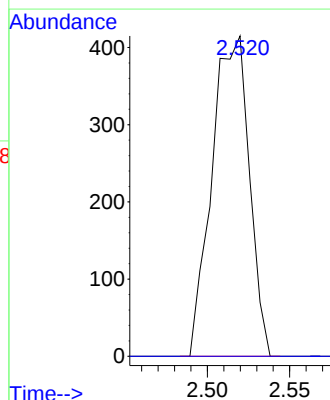
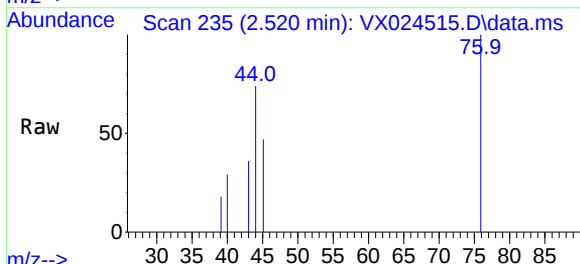
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

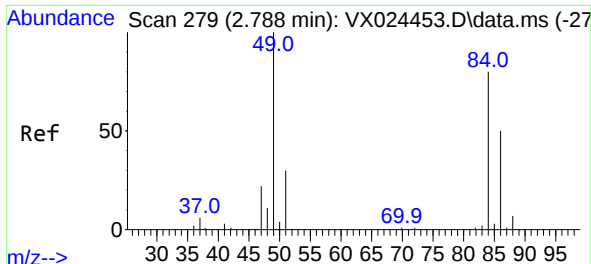
Tgt Ion: 43 Resp: 4395
Ion Ratio Lower Upper
43 100
58 24.3 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.380 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 76 Resp: 654
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024515.D

Acq: 04 Oct 2021 13:14

Instrument :

MSVOA_X

ClientSampleId :

SW-RR-02-(1.0)RE

Tgt Ion: 84 Resp: 557

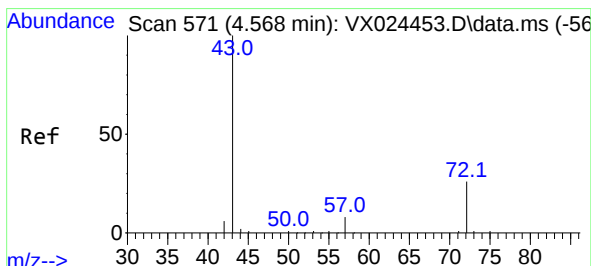
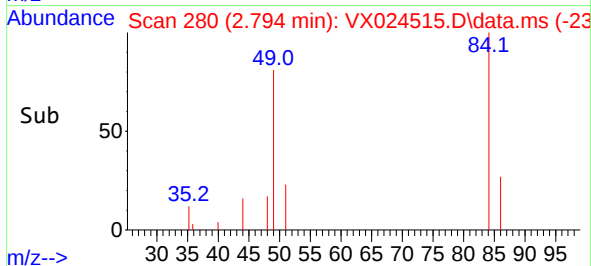
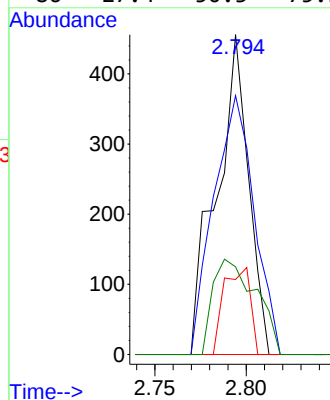
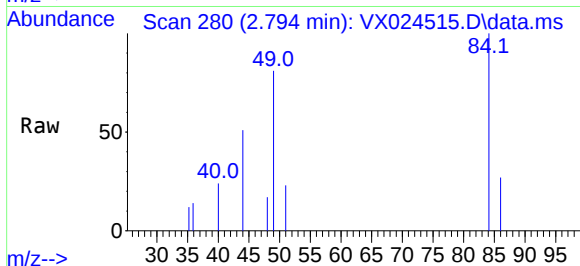
Ion Ratio Lower Upper

84 100

49 80.9 88.6 132.8#

51 23.5 27.0 40.6#

86 27.4 50.3 75.5#



#25

2-Butanone

Concen: 0.230 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX024515.D

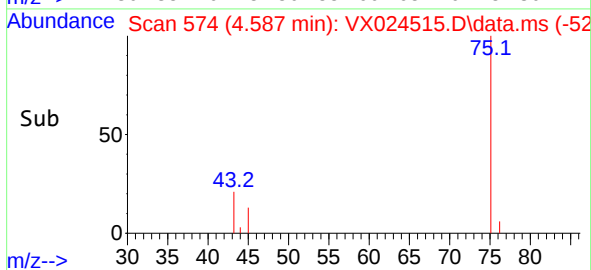
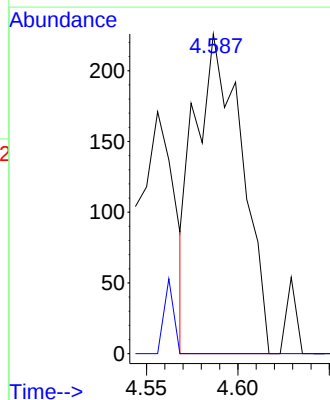
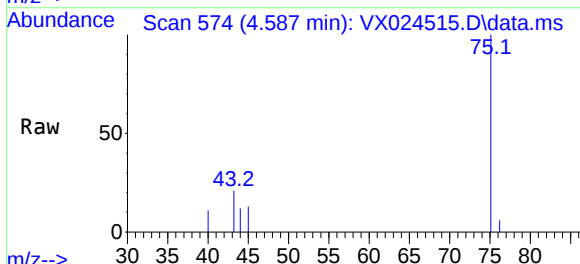
Acq: 04 Oct 2021 13:14

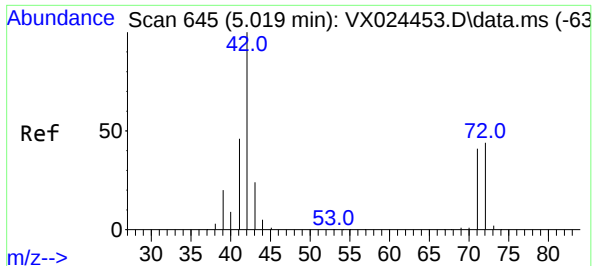
Tgt Ion: 43 Resp: 405

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.258 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.025 min

Lab File: VX024515.D

Acq: 04 Oct 2021 13:14

Tgt Ion: 42 Resp: 289

Ion Ratio Lower Upper

42 100

72 13.1 41.7 62.5#

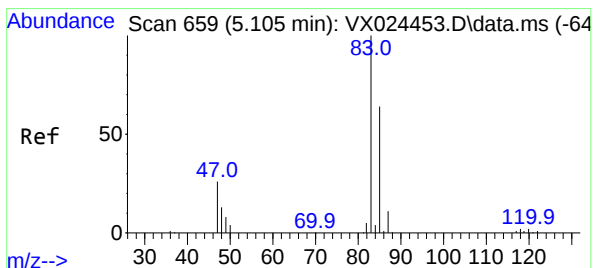
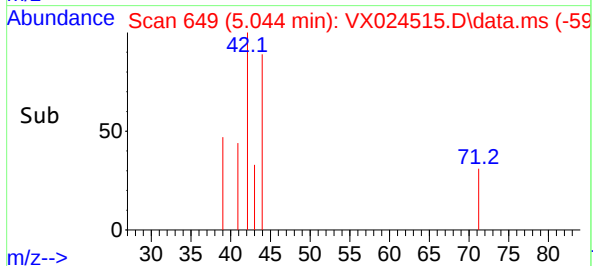
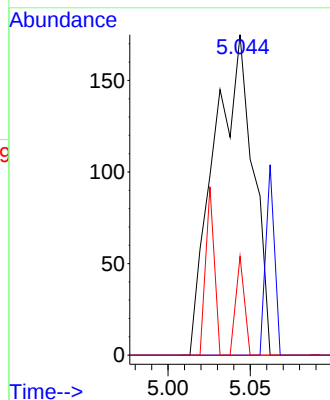
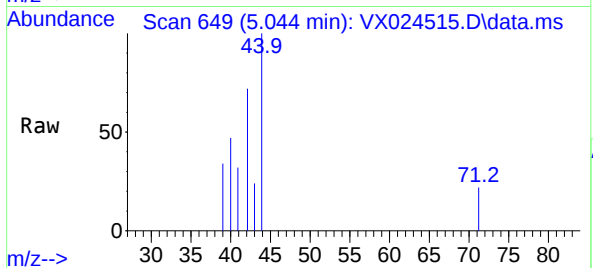
71 6.9 38.4 57.6#

Instrument :

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ClientSampleId :

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#30

Chloroform

Concen: 0.530 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX024515.D

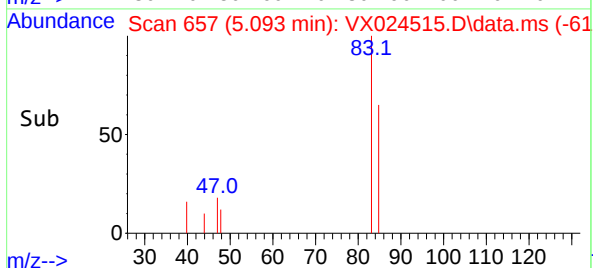
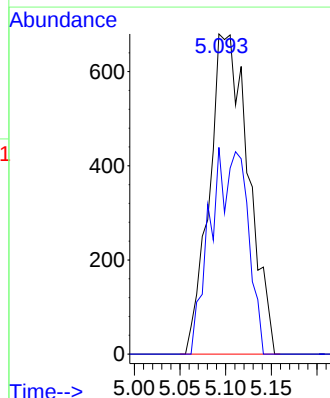
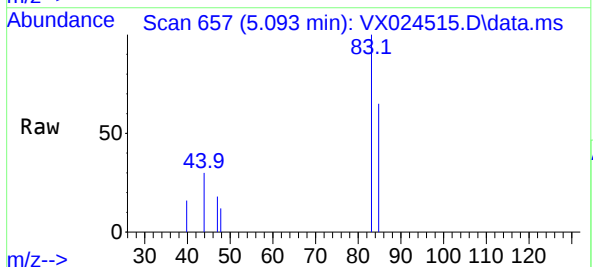
Acq: 04 Oct 2021 13:14

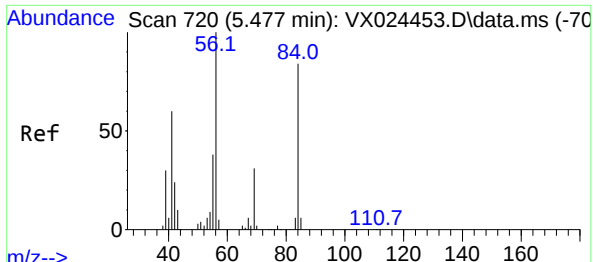
Tgt Ion: 83 Resp: 2018

Ion Ratio Lower Upper

83 100

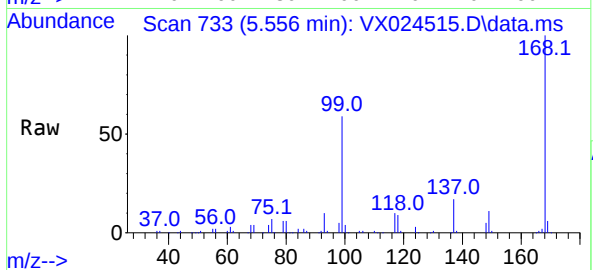
85 64.6 52.0 78.0



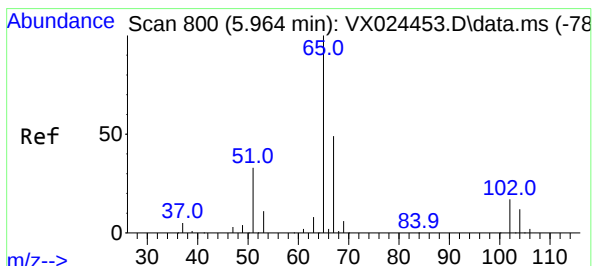
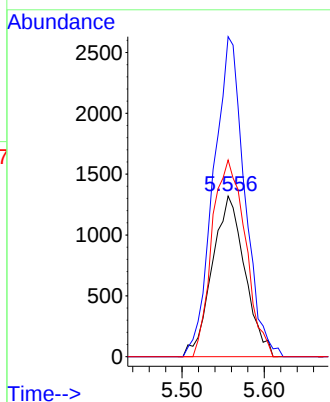
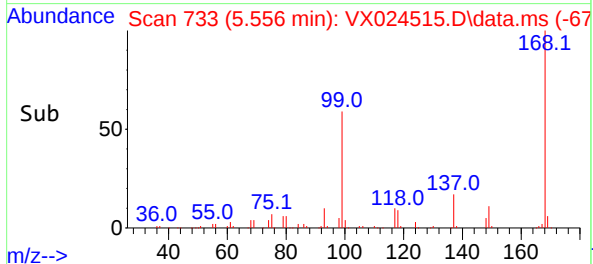


#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

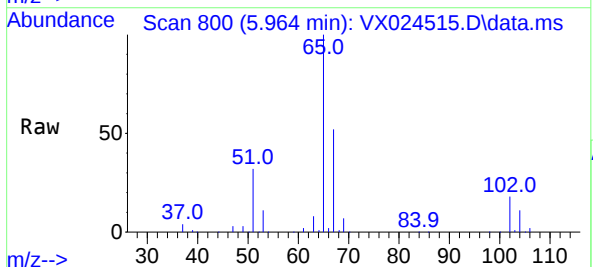
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE



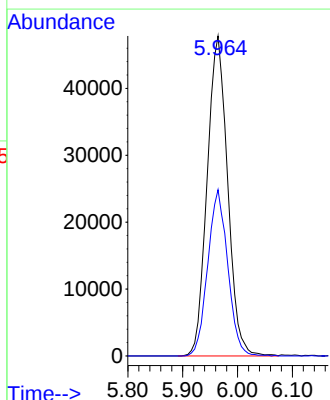
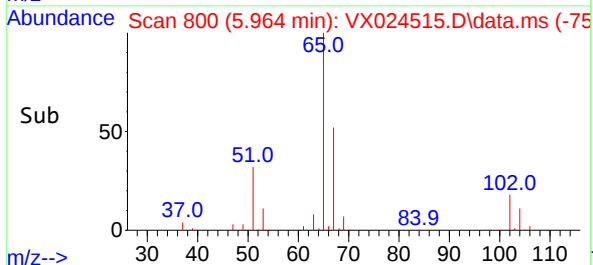
Tgt Ion: 56 Resp: 3644
Ion Ratio Lower Upper
56 100
69 199.2 25.3 37.9#
84 122.4 71.4 107.0#

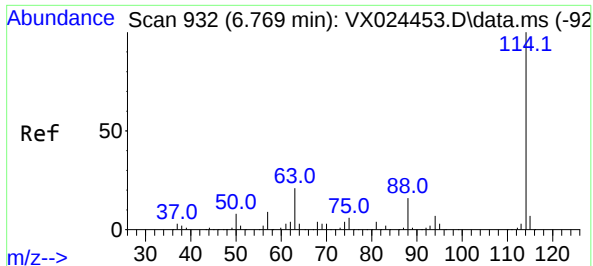


#33
1,2-Dichloroethane-d4
Concen: 48.429 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14



Tgt Ion: 65 Resp: 123843
Ion Ratio Lower Upper
65 100
67 50.8 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: VX024515.D

Acq: 04 Oct 2021 13:14

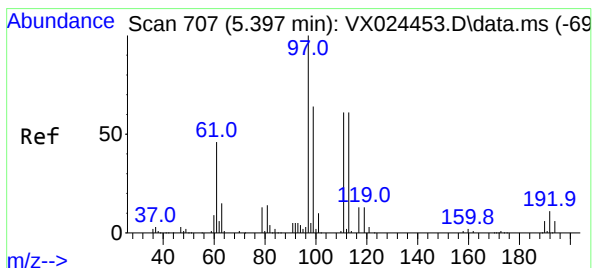
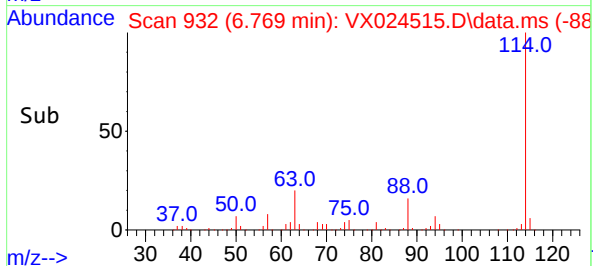
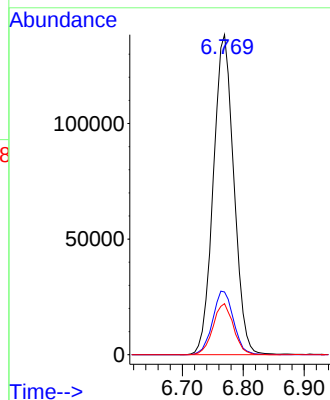
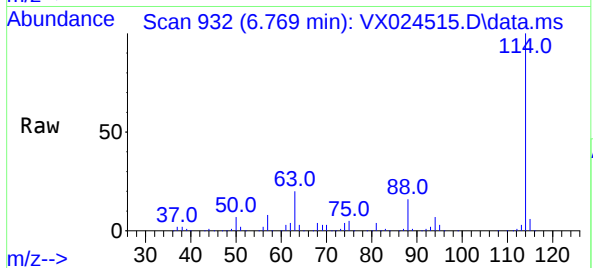
Tgt Ion:114 Resp: 323845

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.688 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024515.D

Acq: 04 Oct 2021 13:14

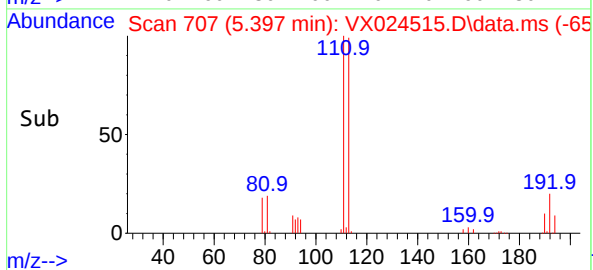
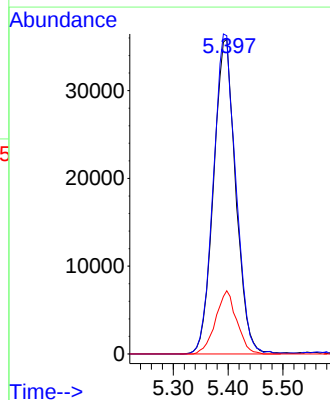
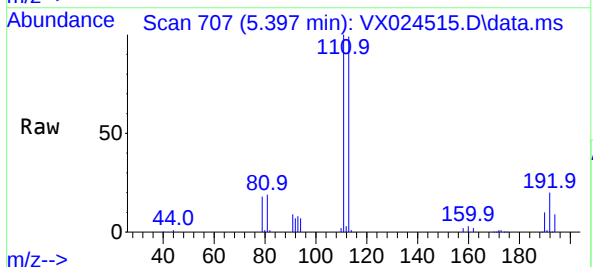
Tgt Ion:113 Resp: 100443

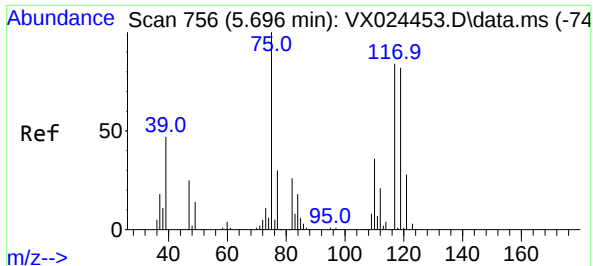
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

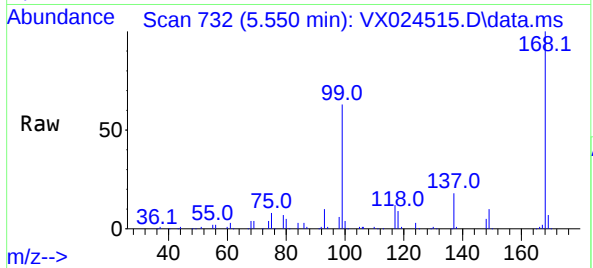
192 19.2 16.7 25.1



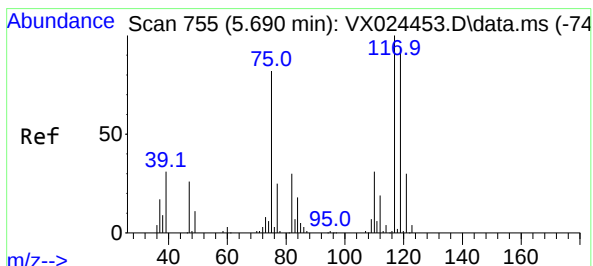
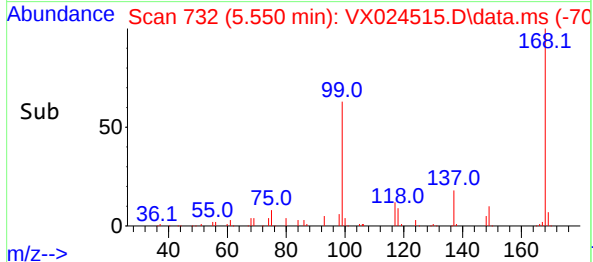
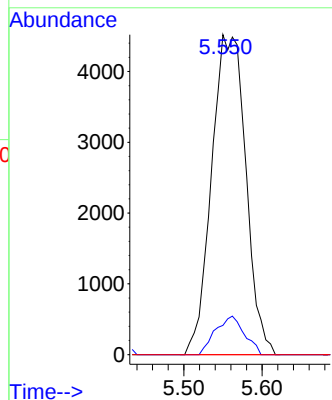


#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

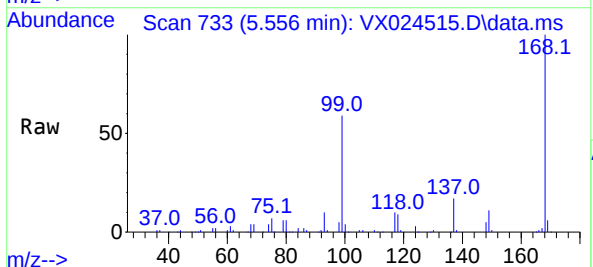
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE



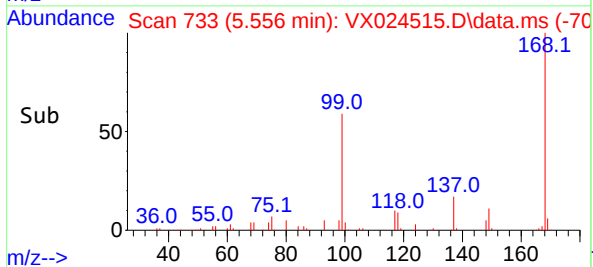
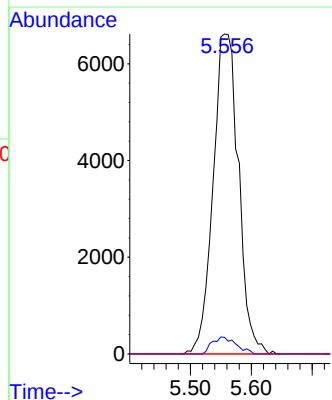
Tgt Ion: 75 Resp: 13710
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#

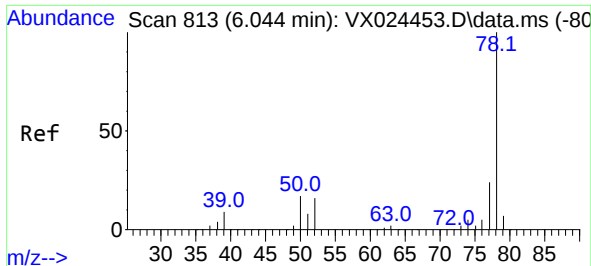


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14



Tgt Ion: 117 Resp: 19172
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

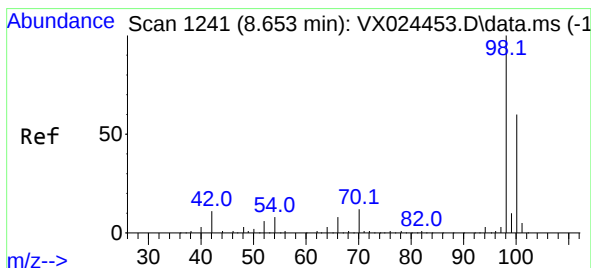
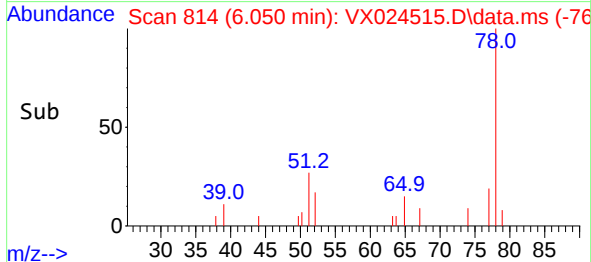
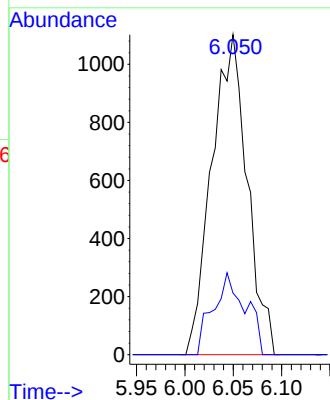
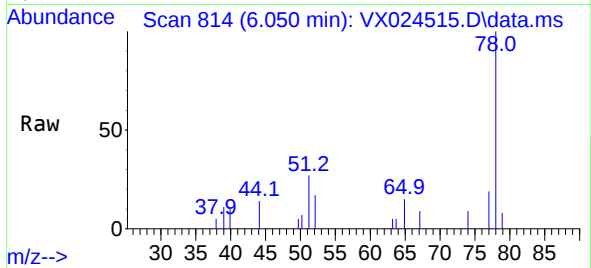




#40
Benzene
Concen: 0.317 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

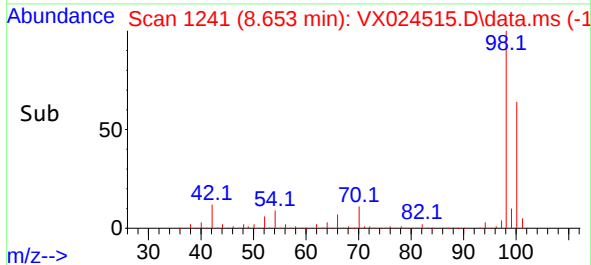
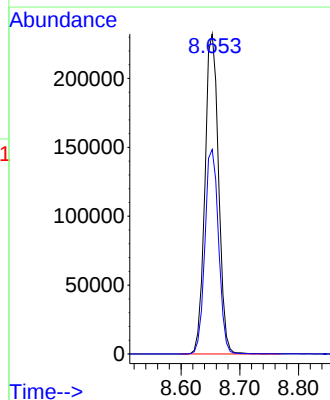
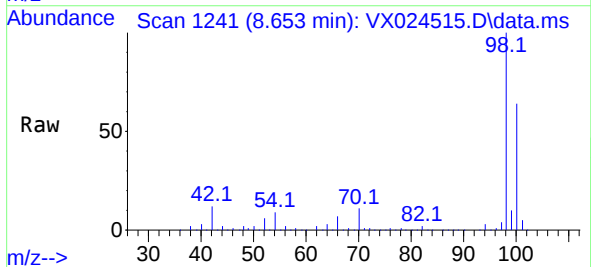
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

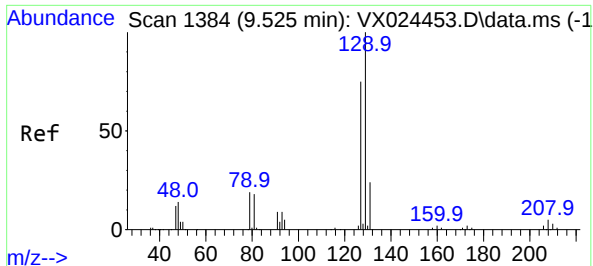
Tgt Ion: 78 Resp: 2810
Ion Ratio Lower Upper
78 100
77 19.2 18.9 28.3



#50
Toluene-d8
Concen: 47.268 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 98 Resp: 374277
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9





#60

Dibromochloromethane

Concen: 1.245 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX024515.D

Acq: 04 Oct 2021 13:14

Instrument :

MSVOA_X

ClientSampleId :

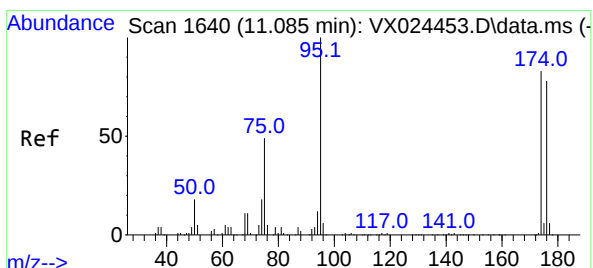
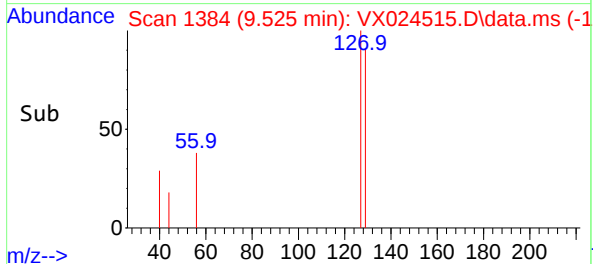
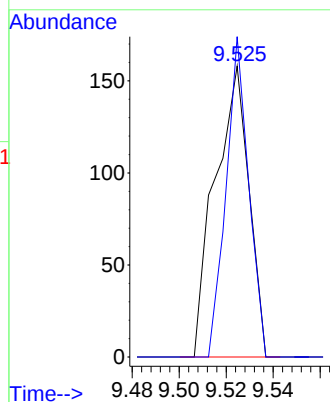
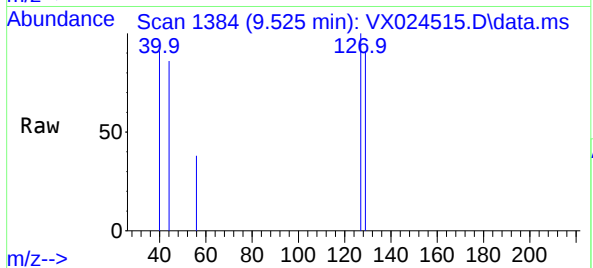
SW-RR-02-(1.0)RE

Tgt Ion:129 Resp: 158

Ion Ratio Lower Upper

129 100

127 73.4 38.4 115.2



#62

4-Bromofluorobenzene

Concen: 42.909 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024515.D

Acq: 04 Oct 2021 13:14

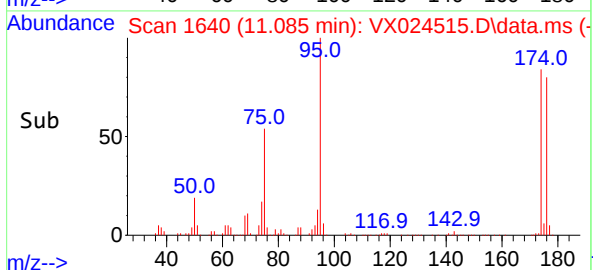
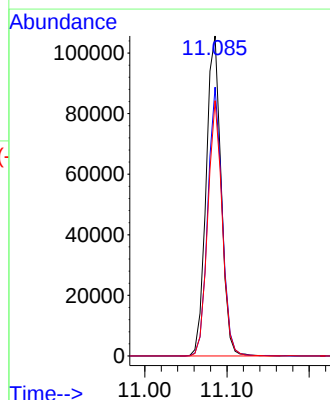
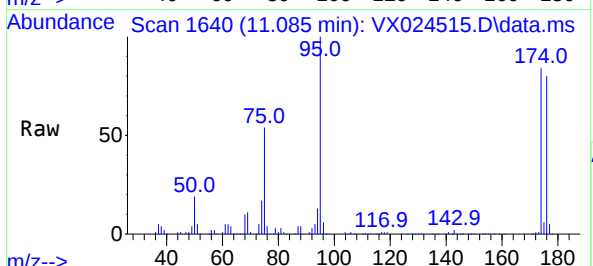
Tgt Ion: 95 Resp: 133588

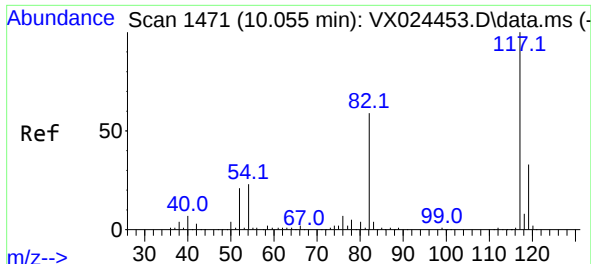
Ion Ratio Lower Upper

95 100

174 80.3 0.0 154.6

176 76.6 0.0 155.8

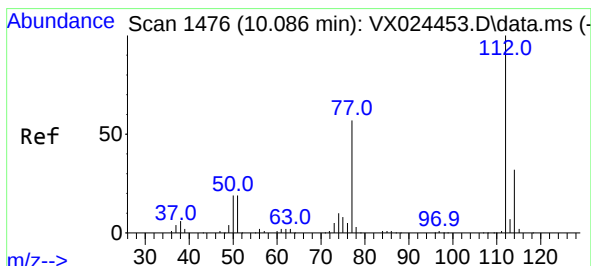
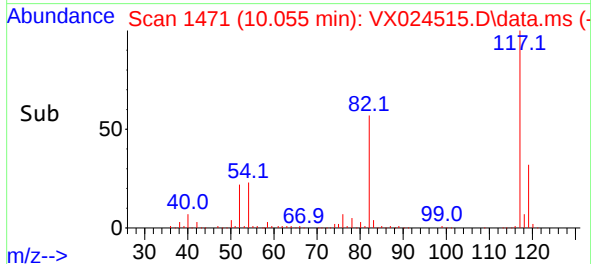
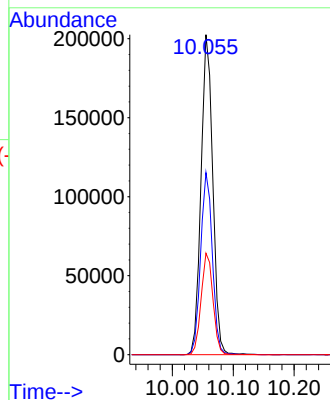
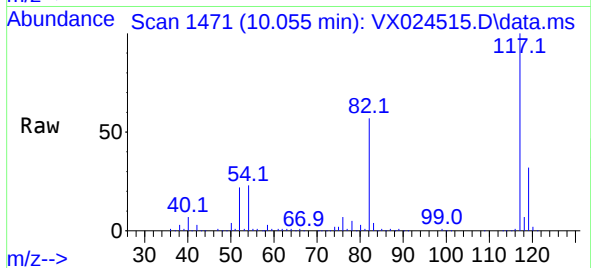




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

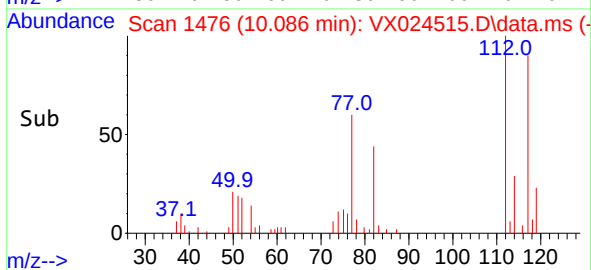
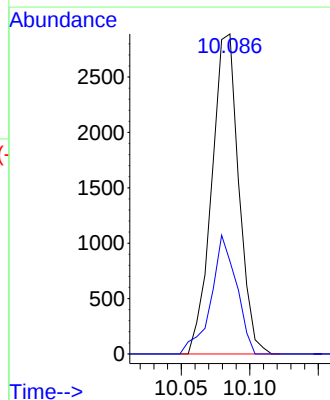
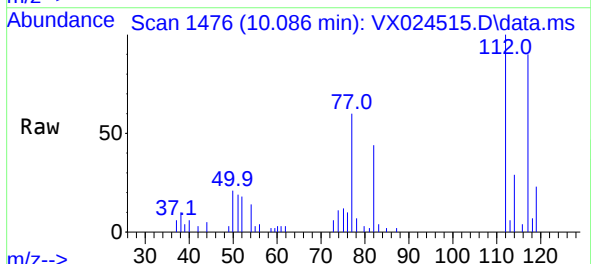
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

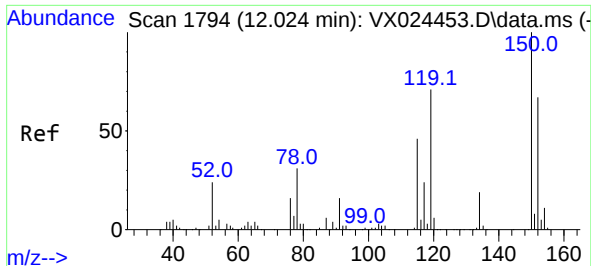
Tgt Ion:117 Resp: 272058
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.7 26.6 39.8



#65
Chlorobenzene
Concen: 0.699 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion:112 Resp: 3960
Ion Ratio Lower Upper
112 100
114 28.9 25.8 38.6

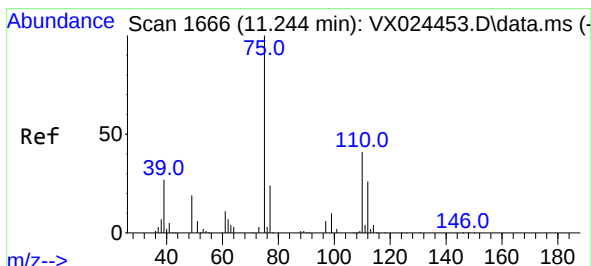
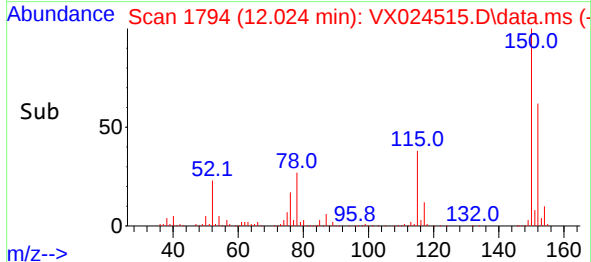
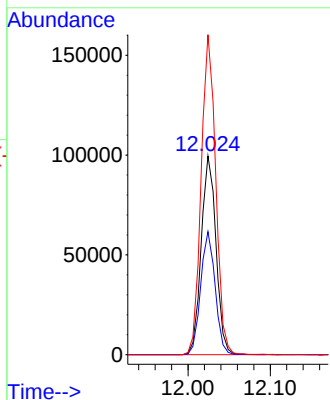
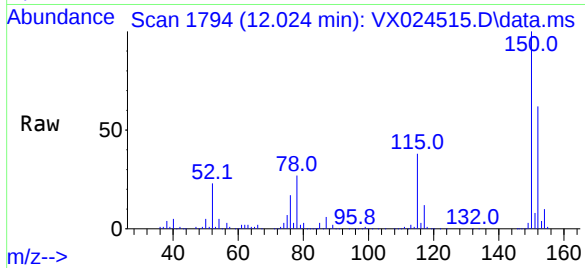




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

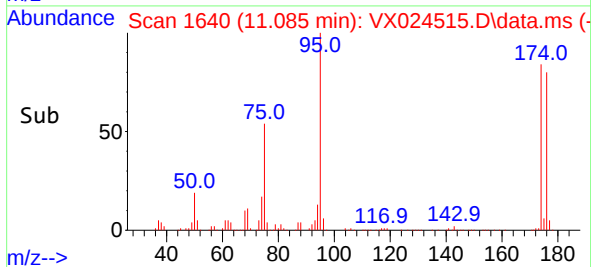
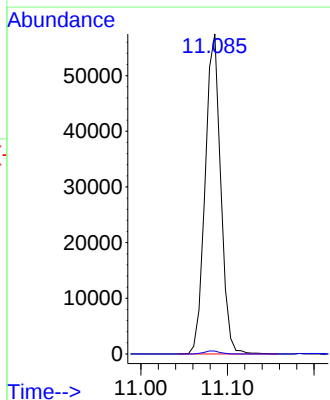
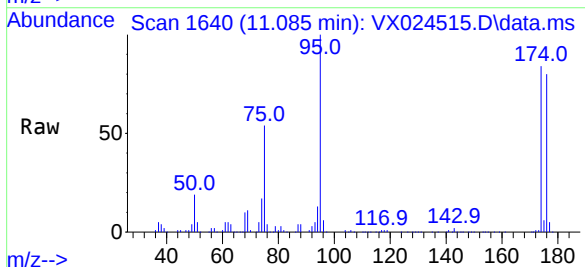
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

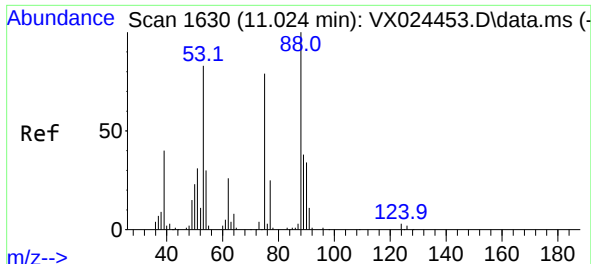
Tgt Ion:152 Resp: 124298
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.341 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 75 Resp: 71530
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

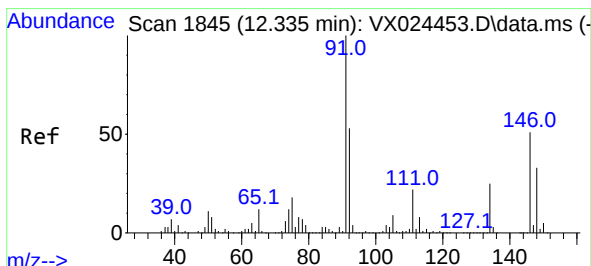
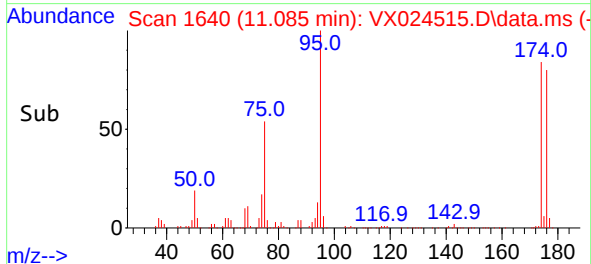
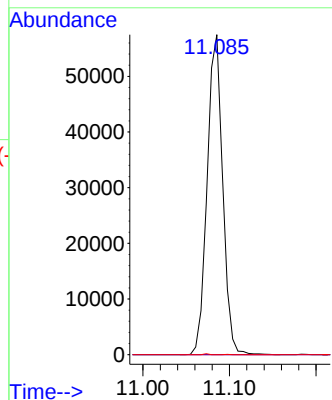
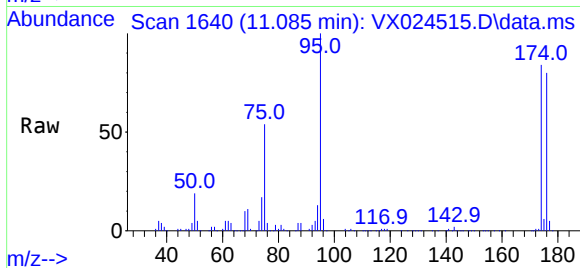




#81
trans-1,4-Dichloro-2-butene
Concen: 69.077 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

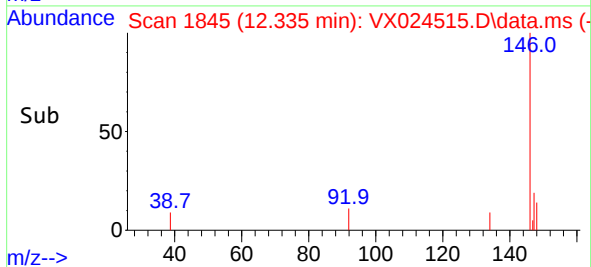
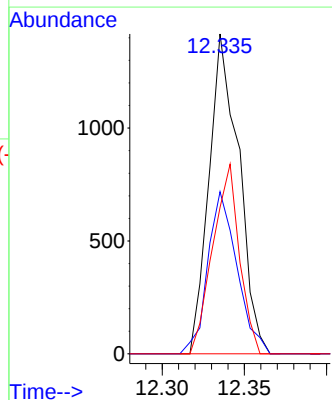
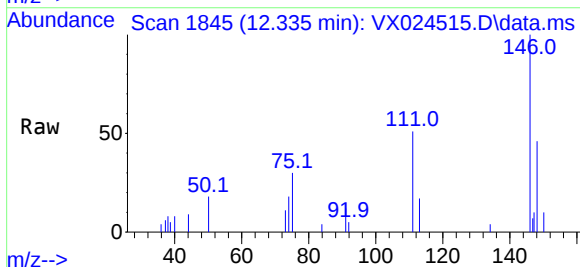
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

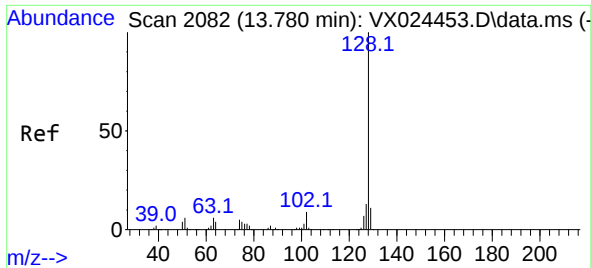
Tgt Ion: 75 Resp: 71530
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#91
1,2-Dichlorobenzene
Concen: 0.419 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

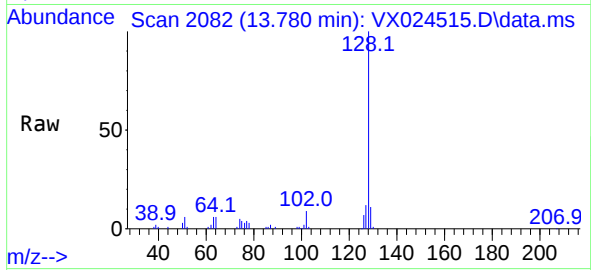
Tgt Ion:146 Resp: 1782
Ion Ratio Lower Upper
146 100
111 49.8 20.8 62.2
148 53.0 31.9 95.5





#95
Naphthalene
Concen: 2.592 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE



Tgt Ion:	128	Resp:	22482
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	12.4	8.8	13.2

