

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024305.D
 Acq On : 17 Sep 2021 13:36
 Operator : JC/MD
 Sample : M3774-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)RE

Quant Time: Sep 17 14:28:50 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)

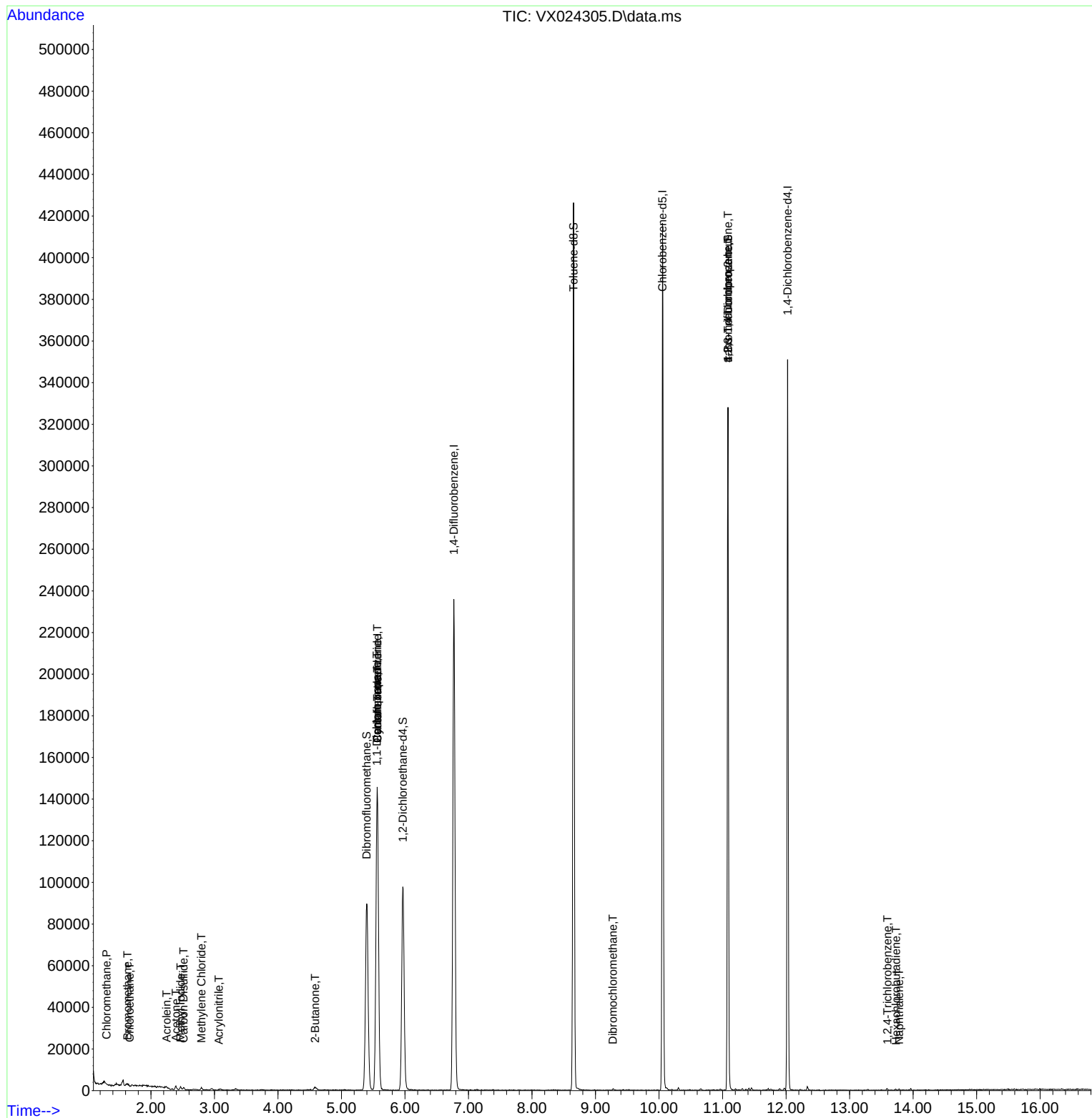
Internal Standards						
1) Pentafluorobenzene	5.562	168	136183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100714	51.863	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.720%
35) Dibromofluoromethane	5.397	113	78494	50.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	8.653	98	240061	42.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	84.260%#
62) 4-Bromofluorobenzene	11.085	95	79984	36.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	72.140%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	349	0.255	ug/l #	83
5) Bromomethane	1.630	94	695	0.858	ug/l #	51
6) Chloroethane	1.666	64	159	2.140	ug/l #	43
10) Methyl Iodide	2.465	142	1658	0.894	ug/l #	84
11) Tert butyl alcohol	2.953	59	465	Below Cal	#	73
13) Acrolein	2.245	56	56	0.438	ug/l #	3
15) Acrylonitrile	3.068	53	205	0.258	ug/l #	77
16) Acetone	2.392	43	1963	2.371	ug/l #	77
17) Carbon Disulfide	2.514	76	1269	0.403	ug/l	96
20) Methylene Chloride	2.794	84	377	0.237	ug/l #	80
25) 2-Butanone	4.586	43	368	0.302	ug/l #	45
31) Cyclohexane	5.562	56	2803	1.234	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	10507	4.900	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14116	5.849	ug/l #	17
60) Dibromochloromethane	9.275	129	157	1.804	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	44276	27.978	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	44276	82.284	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.597	180	289	0.217	ug/l	81
94) Hexachlorobutadiene	13.731	225	146	0.219	ug/l	83
95) Naphthalene	13.780	128	604	1.407	ug/l #	73

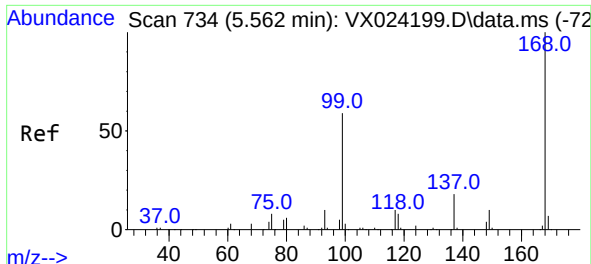
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
Data File : VX024305.D
Acq On : 17 Sep 2021 13:36
Operator : JC/MD
Sample : M3774-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

Quant Time: Sep 17 14:28:50 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

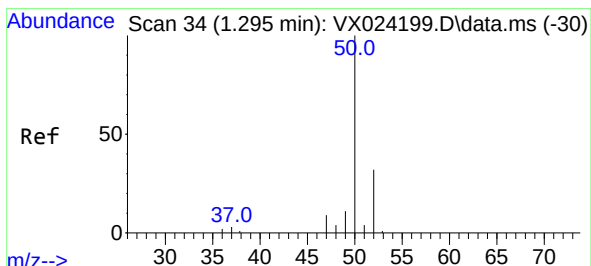
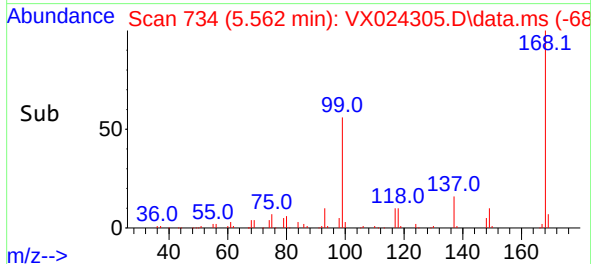
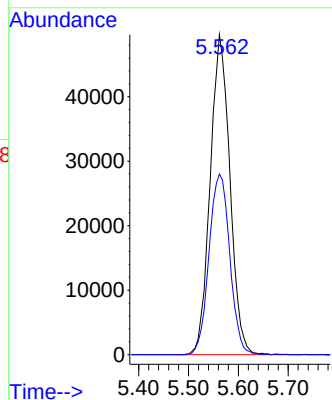
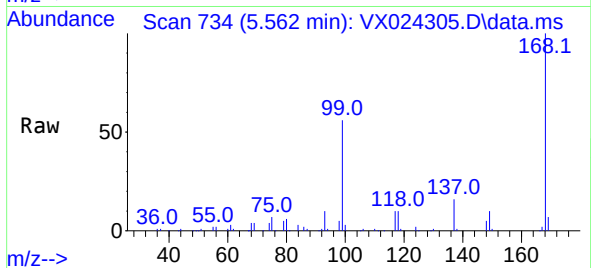




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

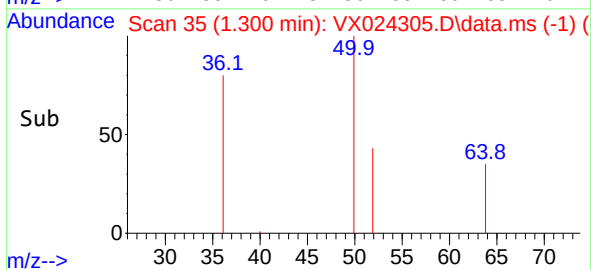
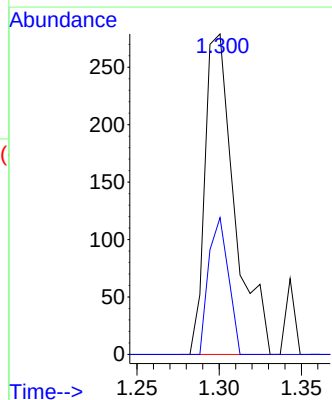
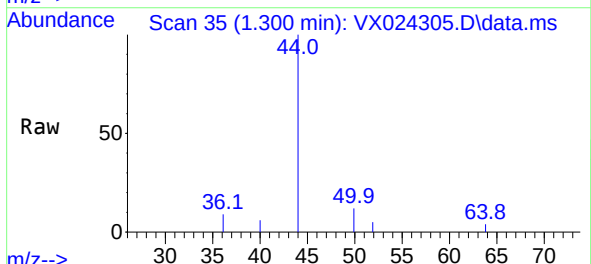
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

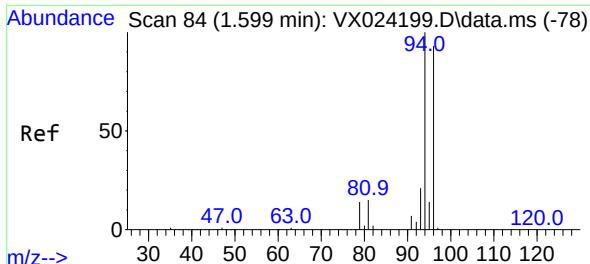
Tgt Ion:168 Resp: 136183
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 42.7 26.4 39.6#

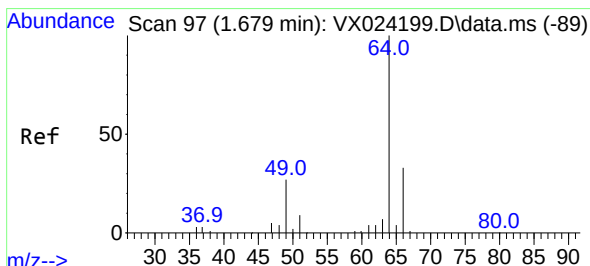
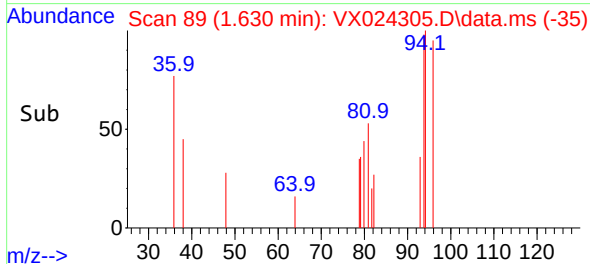
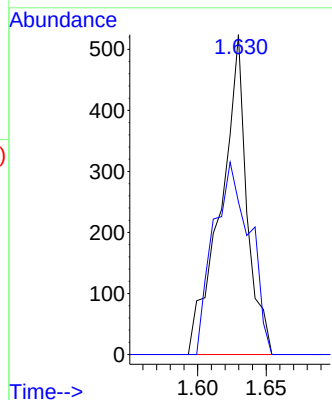
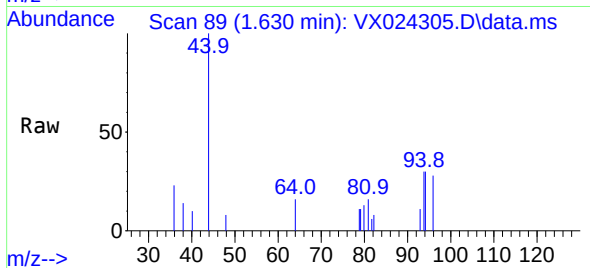




#5
Bromomethane
Concen: 0.858 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

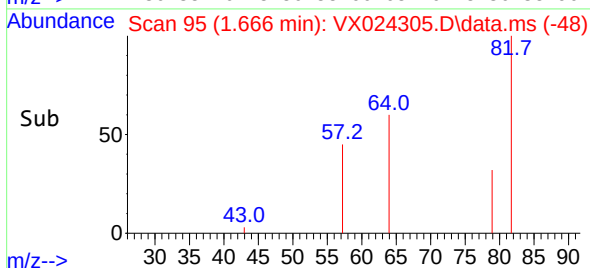
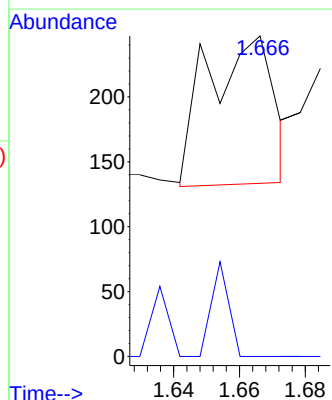
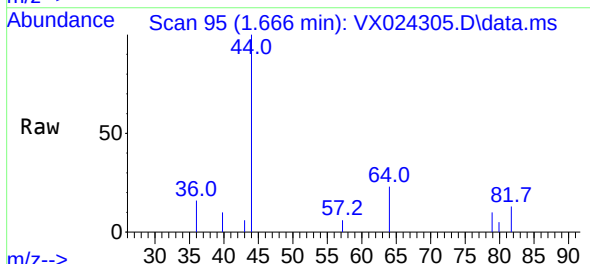
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

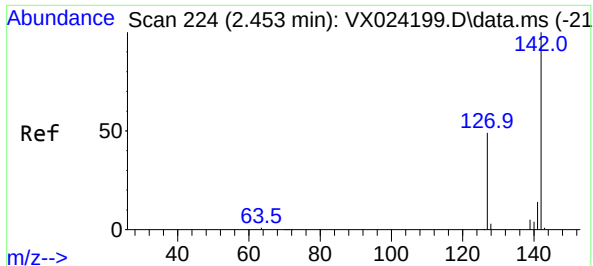
Tgt Ion: 94 Resp: 695
Ion Ratio Lower Upper
94 100
96 47.7 76.4 114.6#



#6
Chloroethane
Concen: 2.140 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

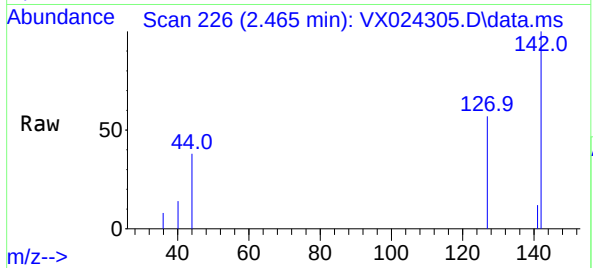
Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



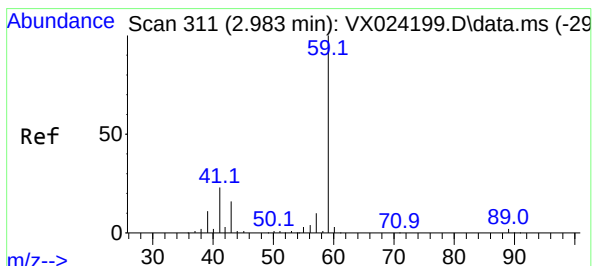
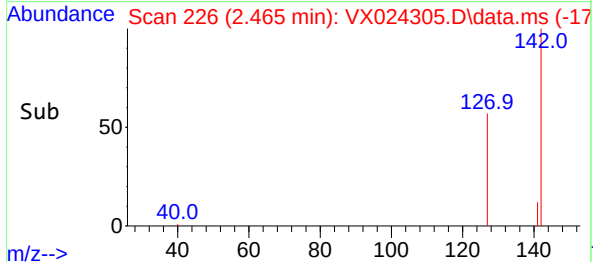
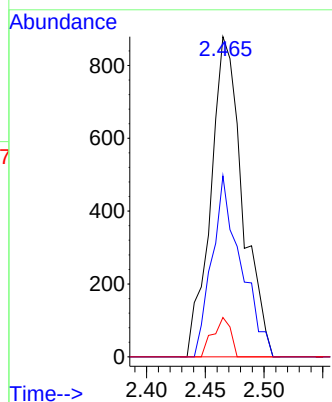


#10
Methyl Iodide
Concen: 0.894 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

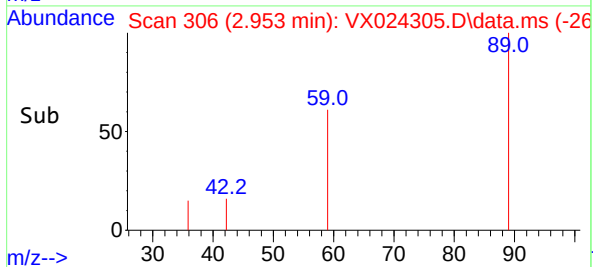
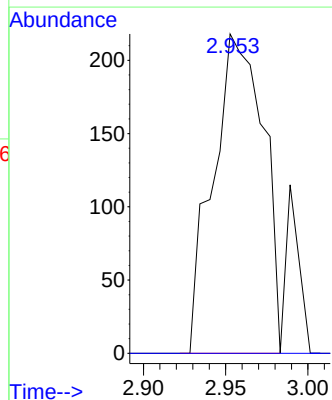
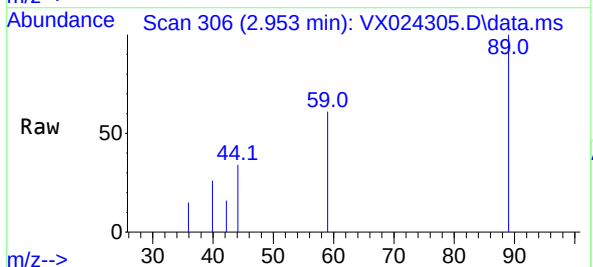


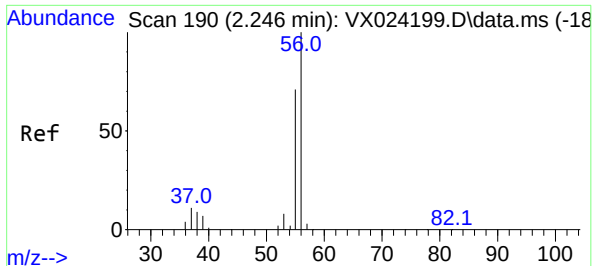
Tgt Ion:142 Resp: 1658
Ion Ratio Lower Upper
142 100
127 51.3 33.3 49.9#
141 6.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

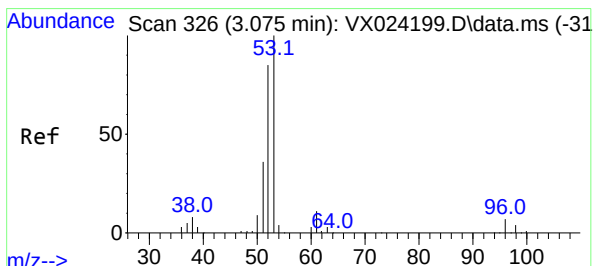
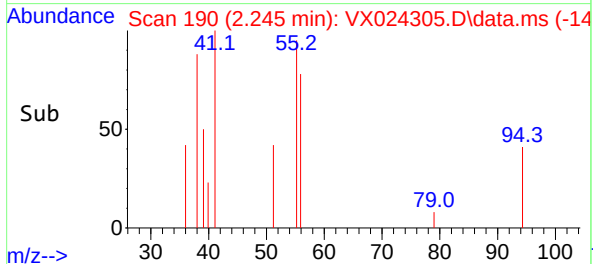
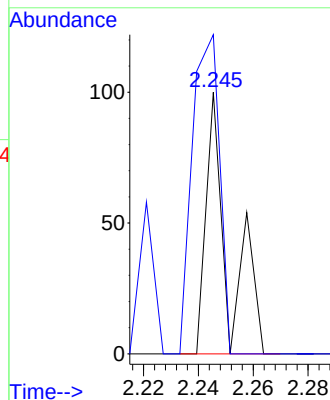
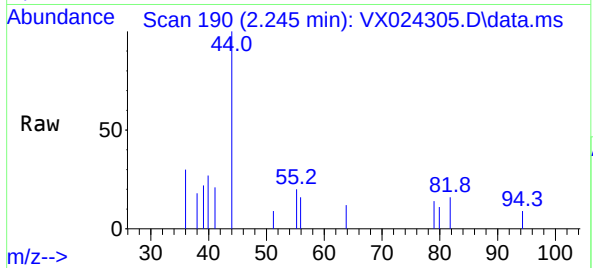




#13
Acrolein
Concen: 0.438 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

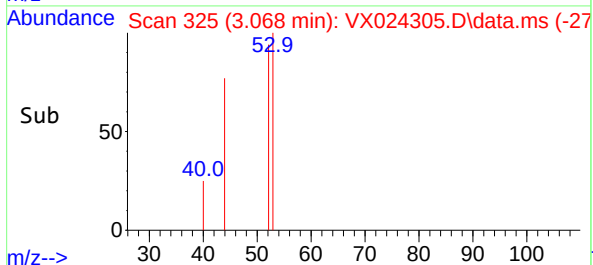
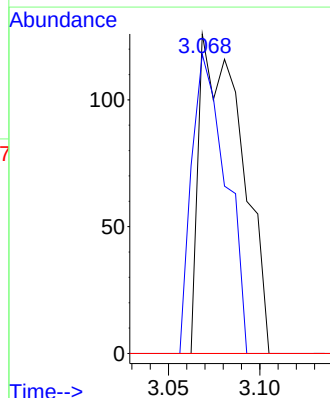
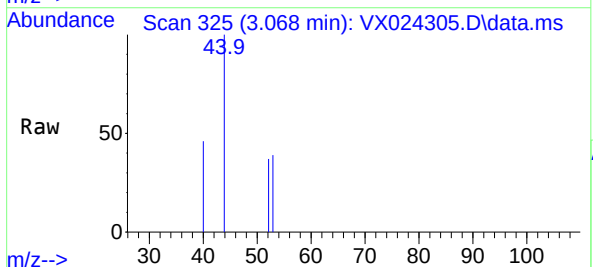
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

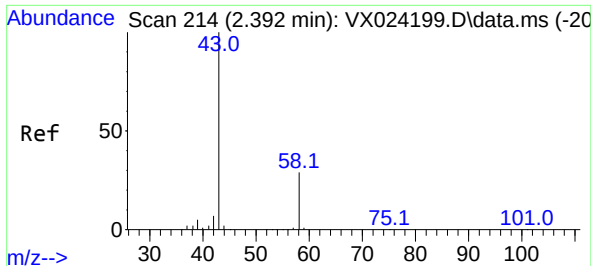
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 150.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.258 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.007 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion: 53 Resp: 205
Ion Ratio Lower Upper
53 100
52 75.1 65.3 97.9
51 0.0 28.2 42.2#

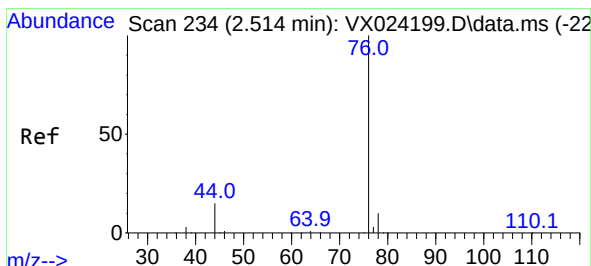
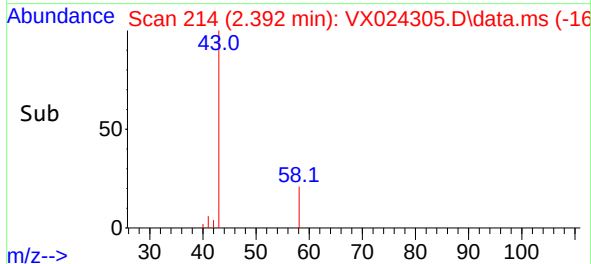
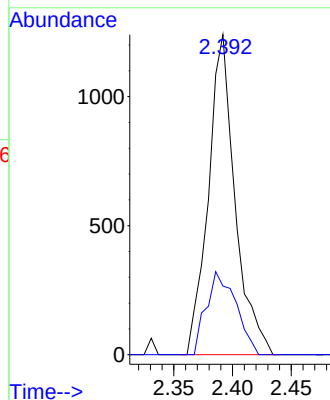
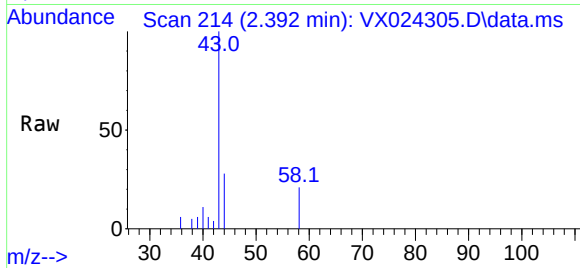




#16
Acetone
Concen: 2.371 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

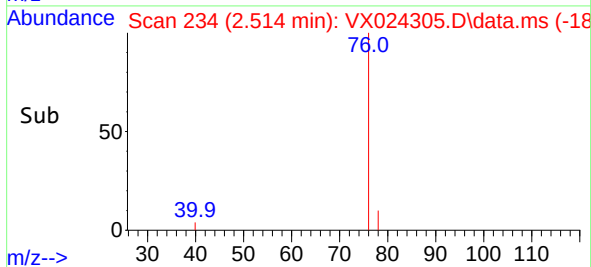
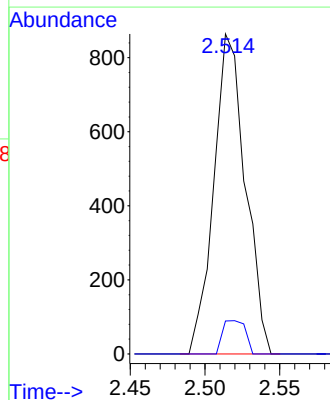
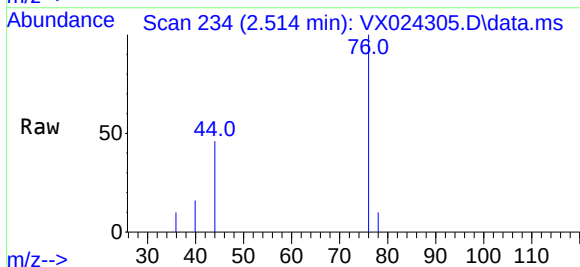
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

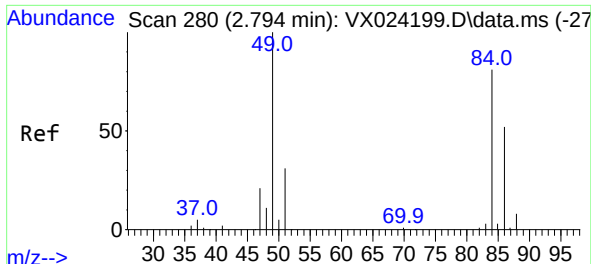
Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 21.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.403 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion: 76 Resp: 1269
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8





#20

Methylene Chloride

Concen: 0.237 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024305.D

Acq: 17 Sep 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

SW-RR-01-(2.0)RE

Tgt Ion: 84 Resp: 377

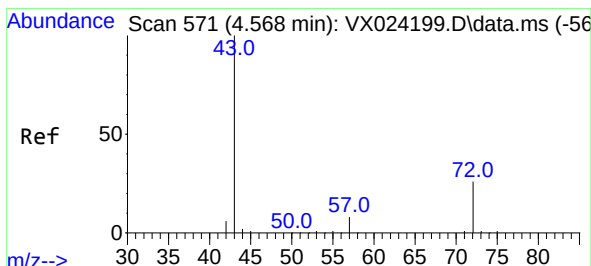
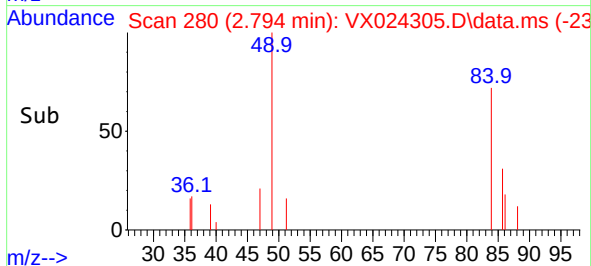
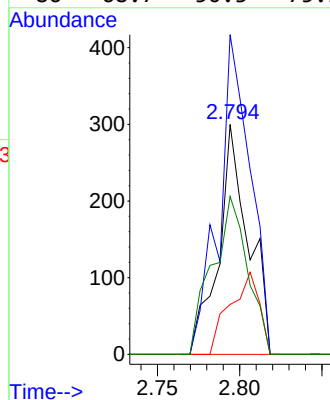
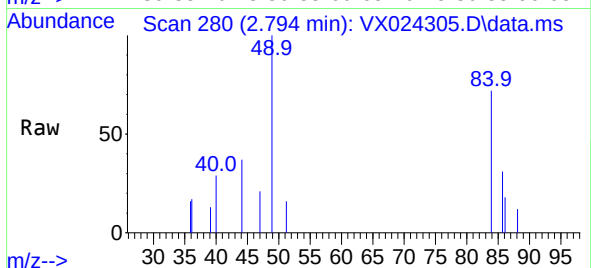
Ion Ratio Lower Upper

84 100

49 139.0 88.6 132.8#

51 21.7 27.0 40.6#

86 68.7 50.3 75.5



#25

2-Butanone

Concen: 0.302 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX024305.D

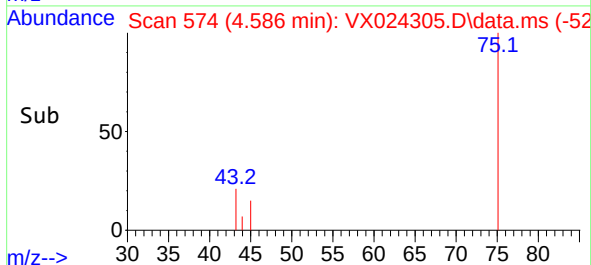
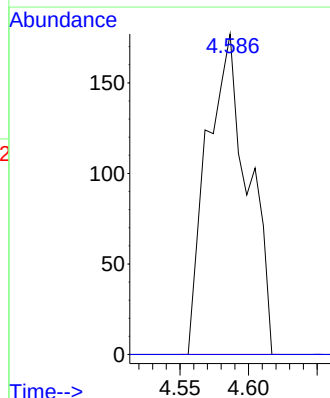
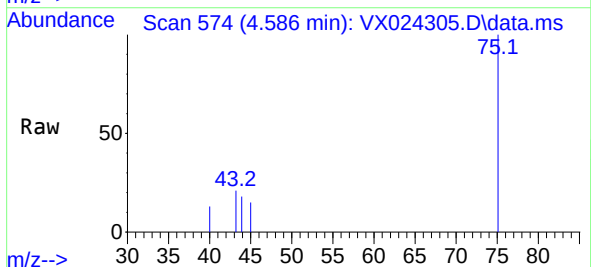
Acq: 17 Sep 2021 13:36

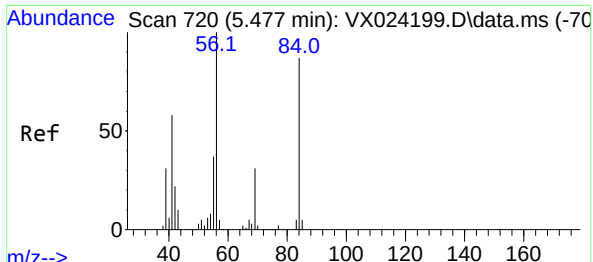
Tgt Ion: 43 Resp: 368

Ion Ratio Lower Upper

43 100

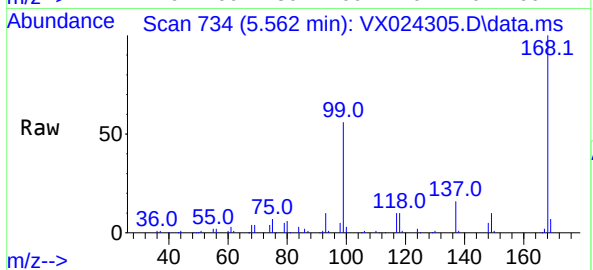
72 0.0 23.7 35.5#



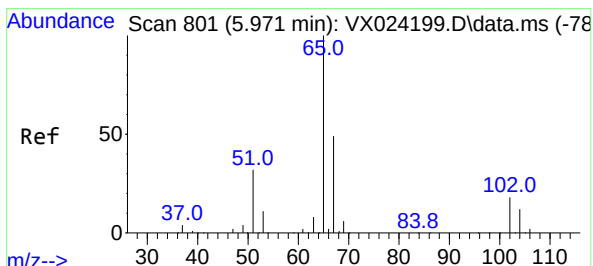
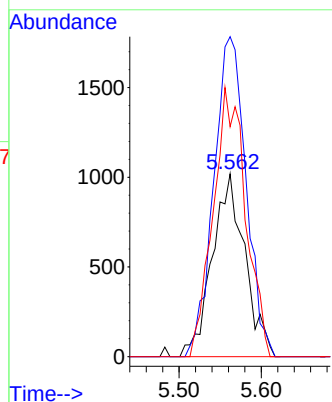
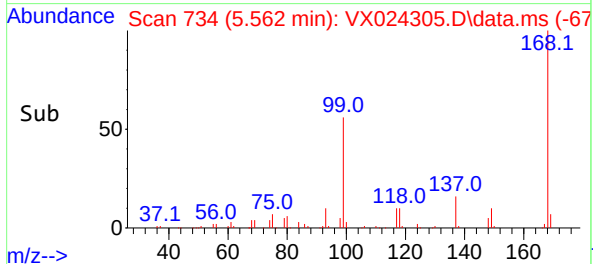


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

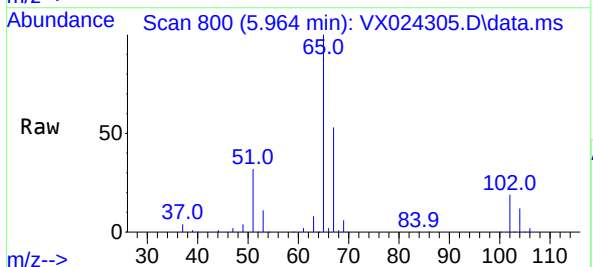
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE



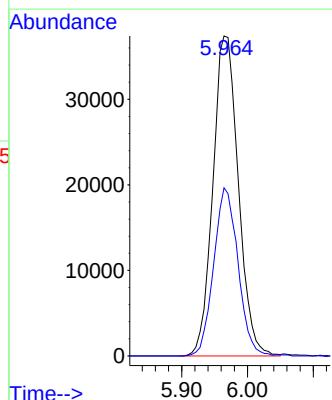
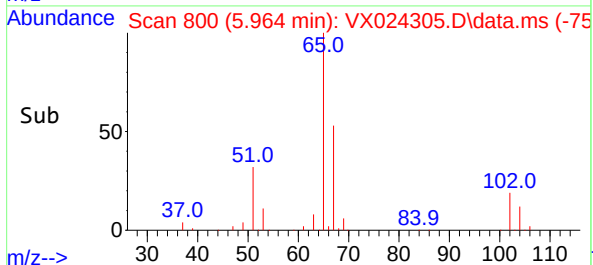
Tgt Ion: 56 Resp: 2803
Ion Ratio Lower Upper
56 100
69 175.1 25.3 37.9#
84 125.9 71.4 107.0#

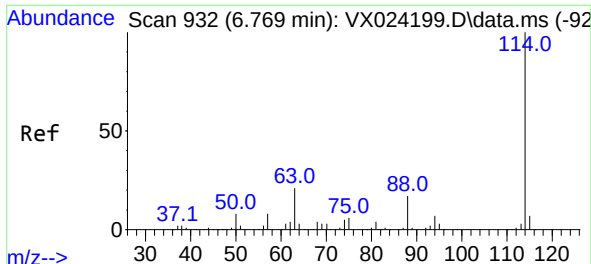


#33
1,2-Dichloroethane-d4
Concen: 51.863 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36



Tgt Ion: 65 Resp: 100714
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

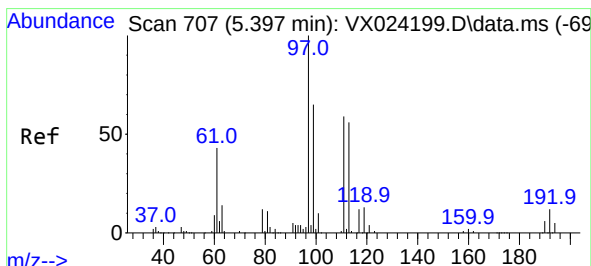
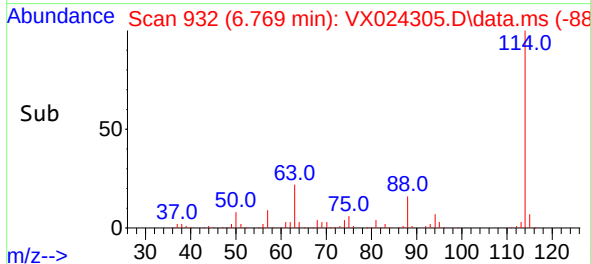
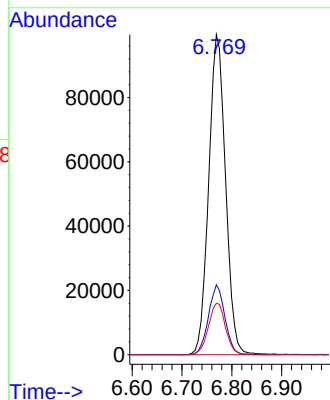
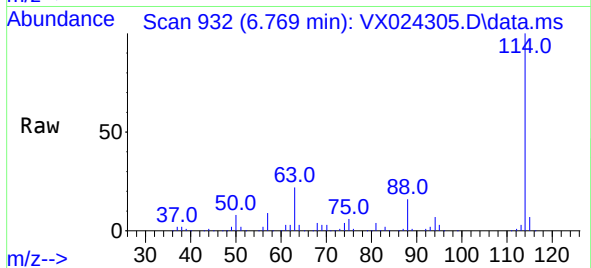




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

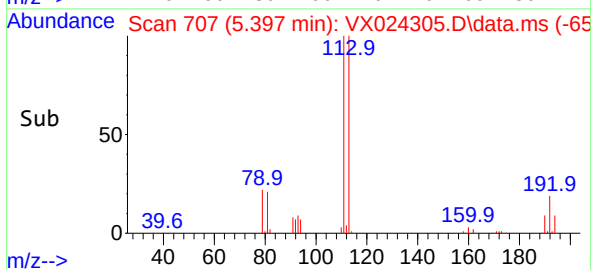
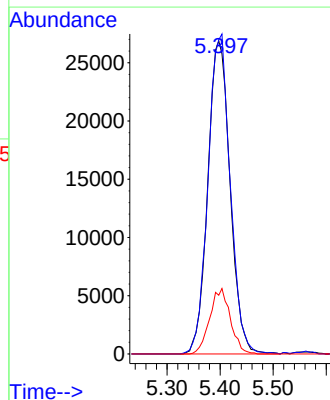
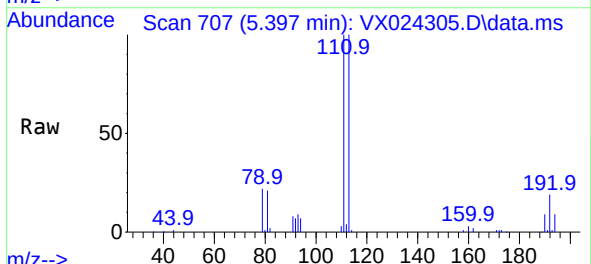
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

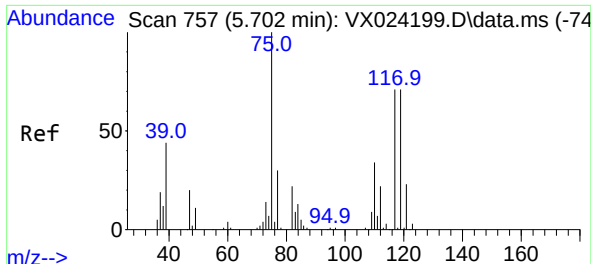
Tgt Ion:114 Resp: 233216
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.187 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion:113 Resp: 78494
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.3 16.7 25.1

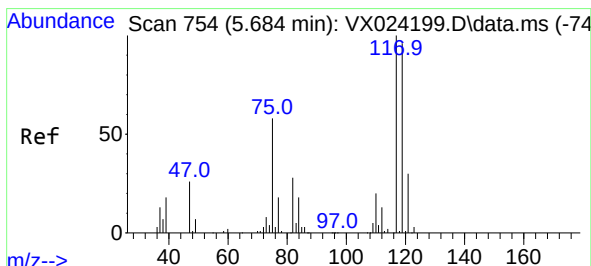
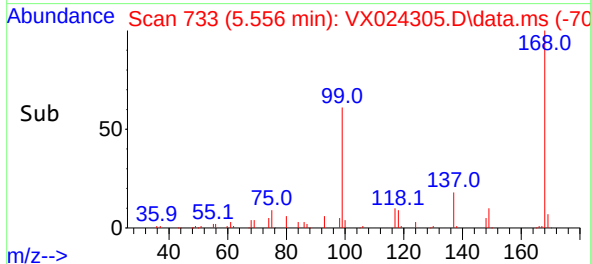
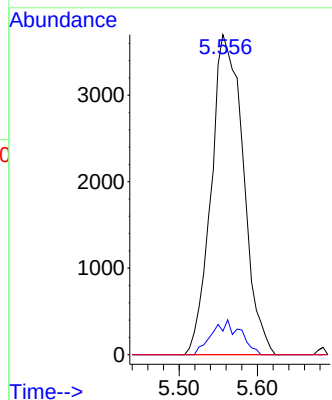
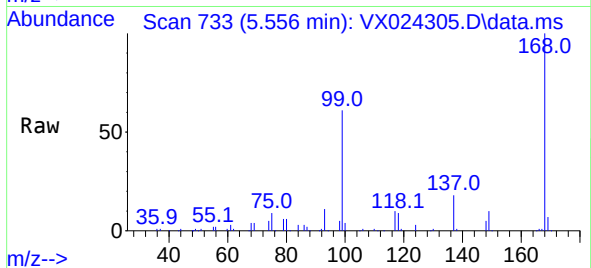




#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

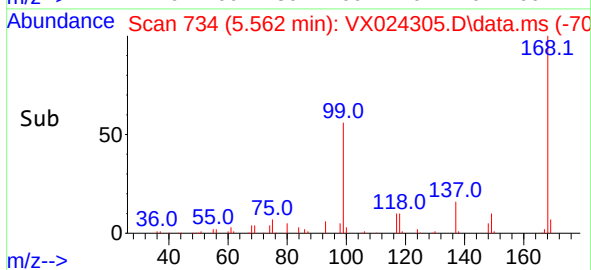
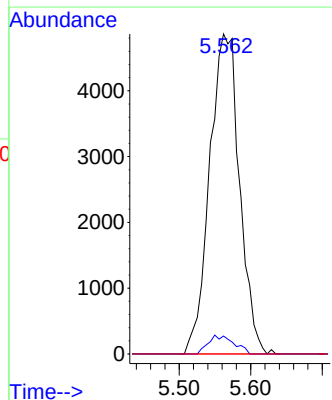
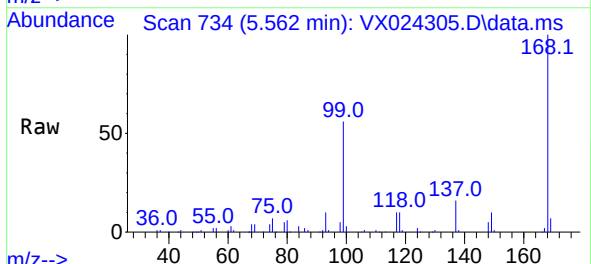
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

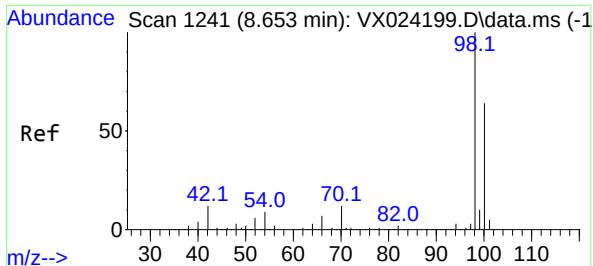
Tgt Ion: 75 Resp: 10507
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.849 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion: 117 Resp: 14116
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 42.133 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024305.D

Acq: 17 Sep 2021 13:36

Instrument :

MSVOA_X

ClientSampleId :

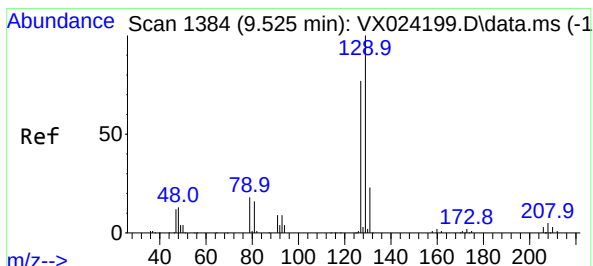
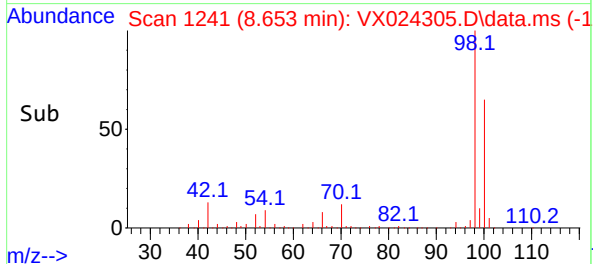
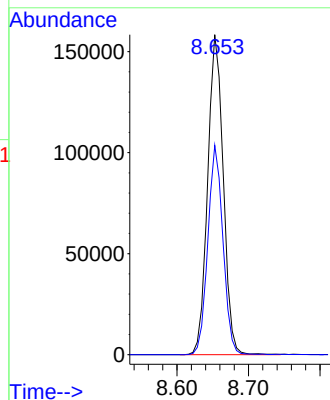
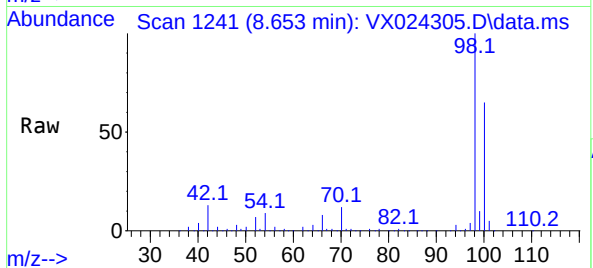
SW-RR-01-(2.0)RE

Tgt Ion: 98 Resp: 240061

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#60

Dibromochloromethane

Concen: 1.804 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024305.D

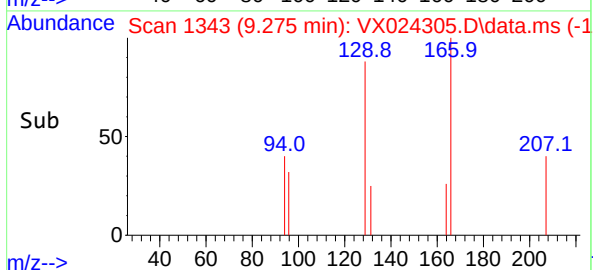
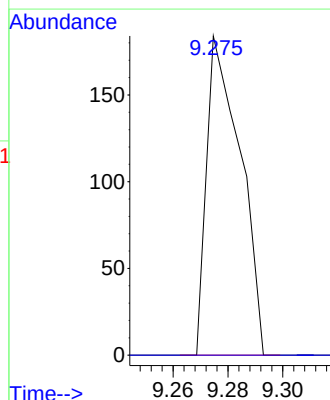
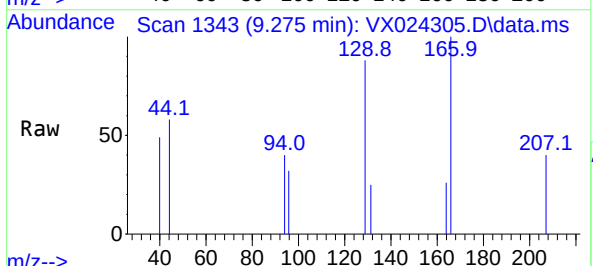
Acq: 17 Sep 2021 13:36

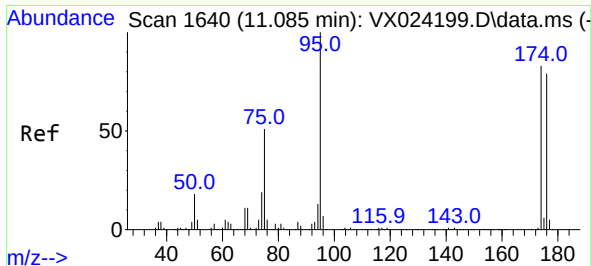
Tgt Ion: 129 Resp: 157

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

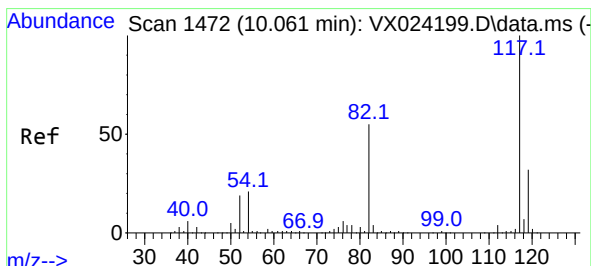
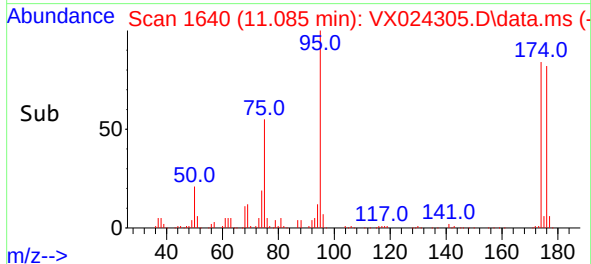
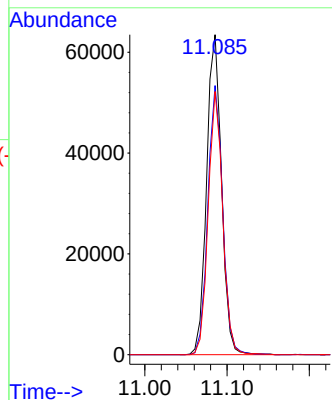
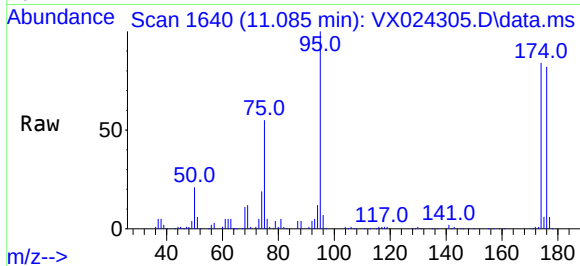




#62
4-Bromofluorobenzene
Concen: 36.072 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

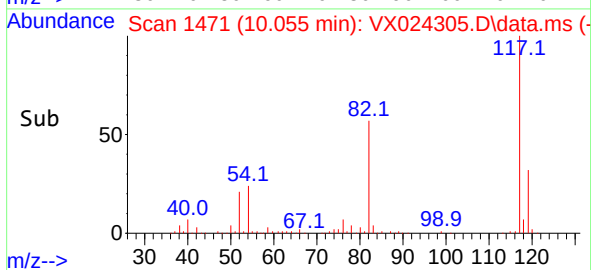
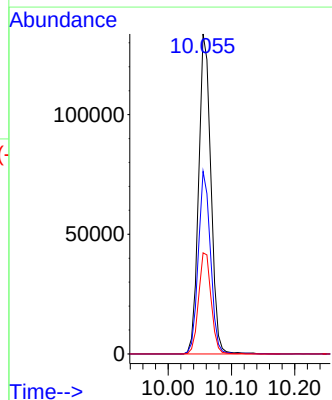
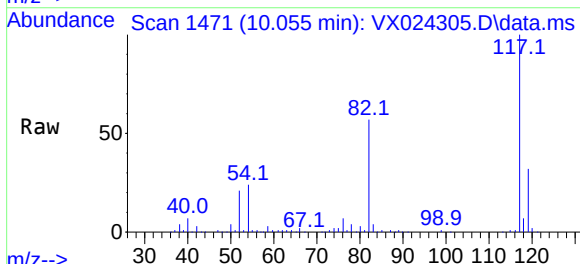
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

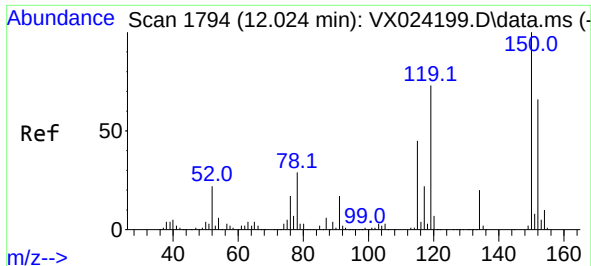
Tgt Ion:	95	Resp:	79984
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	154.6
176	79.8	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion:	117	Resp:	180577
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.4	71.2
119	31.6	26.6	39.8

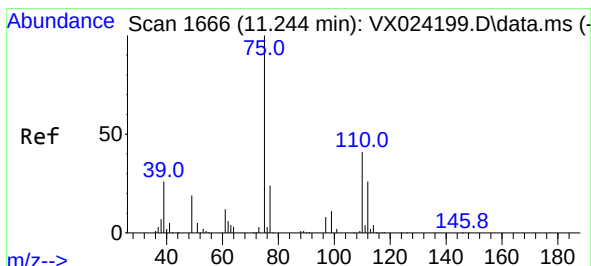
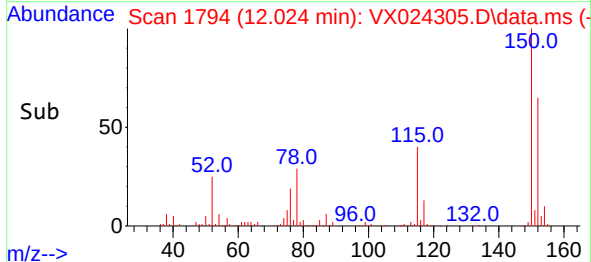
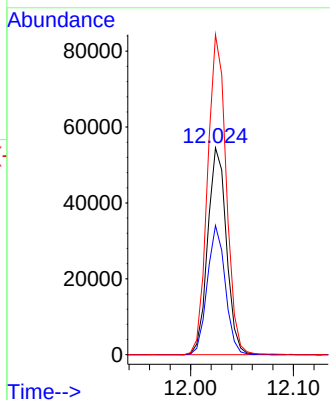
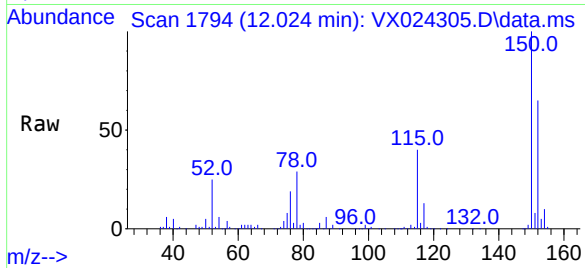




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

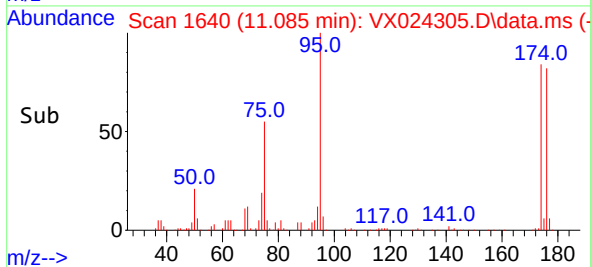
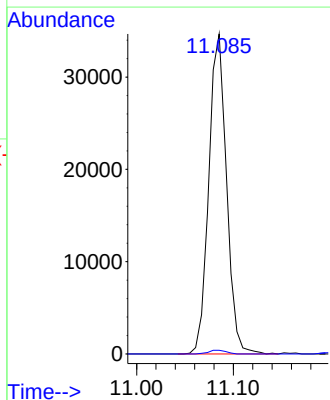
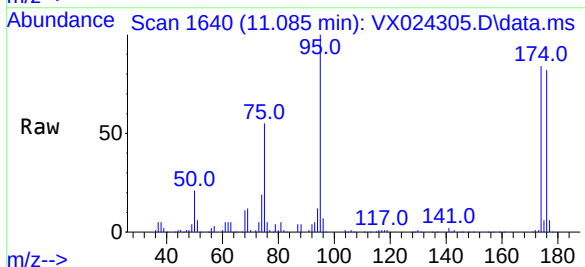
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

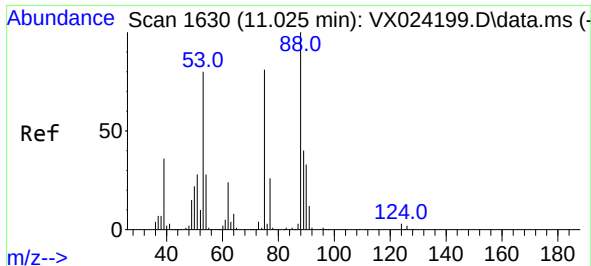
Tgt Ion:152 Resp: 68823
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 154.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.978 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion: 75 Resp: 44276
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

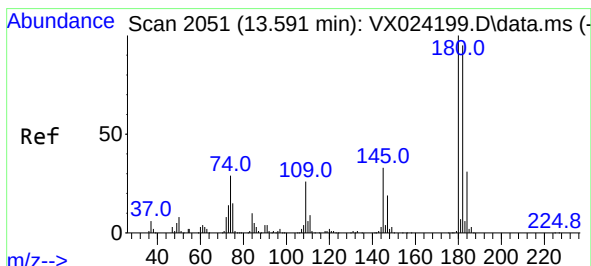
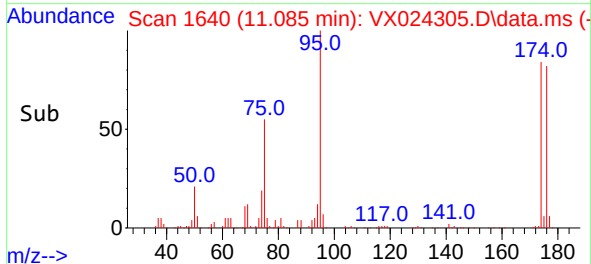
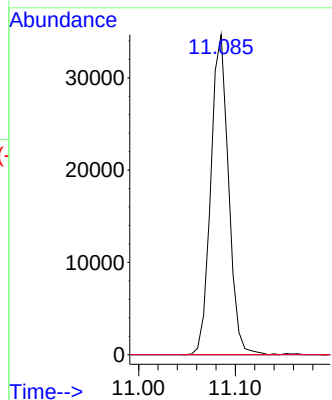
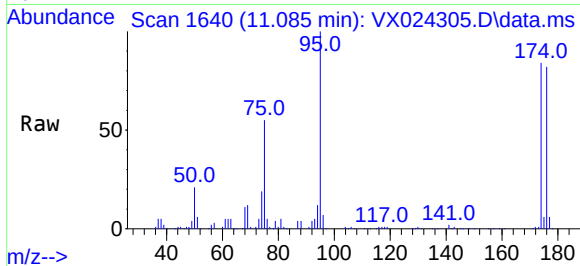




#81
trans-1,4-Dichloro-2-butene
Concen: 82.284 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

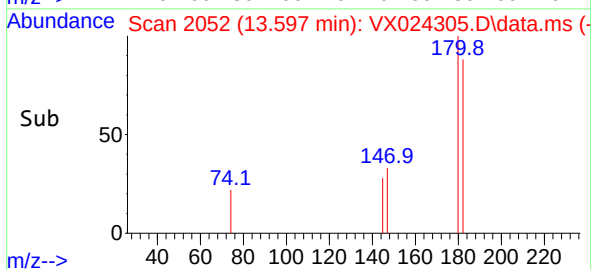
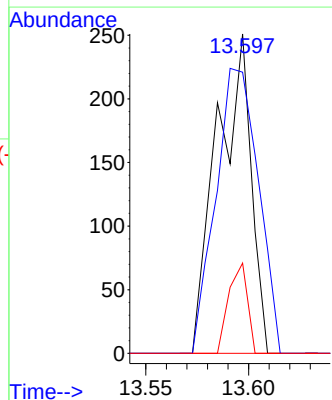
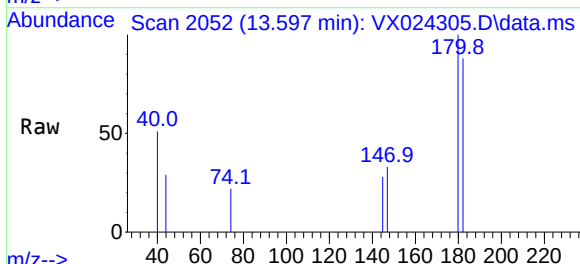
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

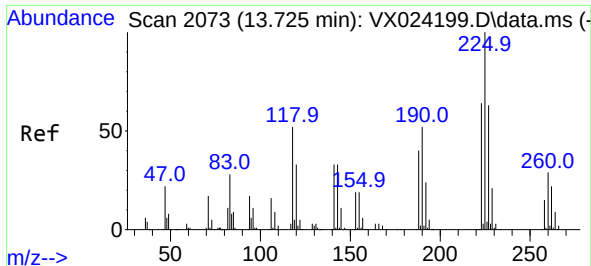
Tgt Ion: 75 Resp: 44276
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion: 180 Resp: 289
Ion Ratio Lower Upper
180 100
182 111.8 47.7 143.1
145 15.6 15.0 45.0

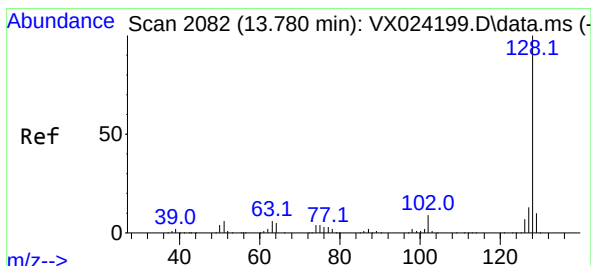
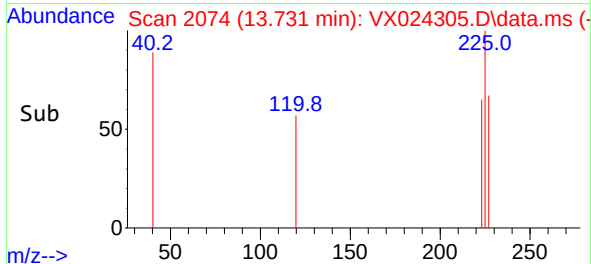
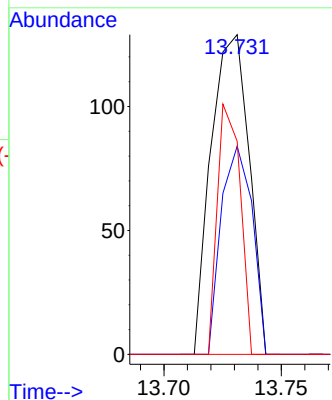
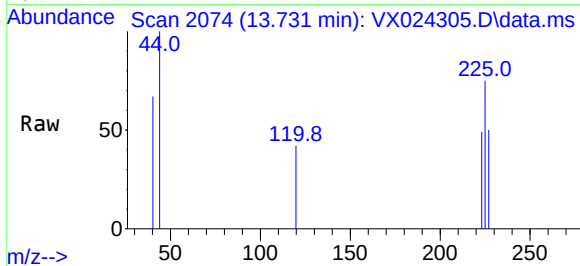




#94
Hexachlorobutadiene
Concen: 0.219 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)RE

Tgt Ion:225 Resp: 146
Ion Ratio Lower Upper
225 100
223 52.7 31.1 93.2
227 46.6 31.6 95.0



#95
Naphthalene
Concen: 1.407 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024305.D
Acq: 17 Sep 2021 13:36

Tgt Ion:128 Resp: 604
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 3.3 8.8 13.2#

