

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024306.D
 Acq On : 17 Sep 2021 13:59
 Operator : JC/MD
 Sample : M3791-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 17 14:29:17 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)

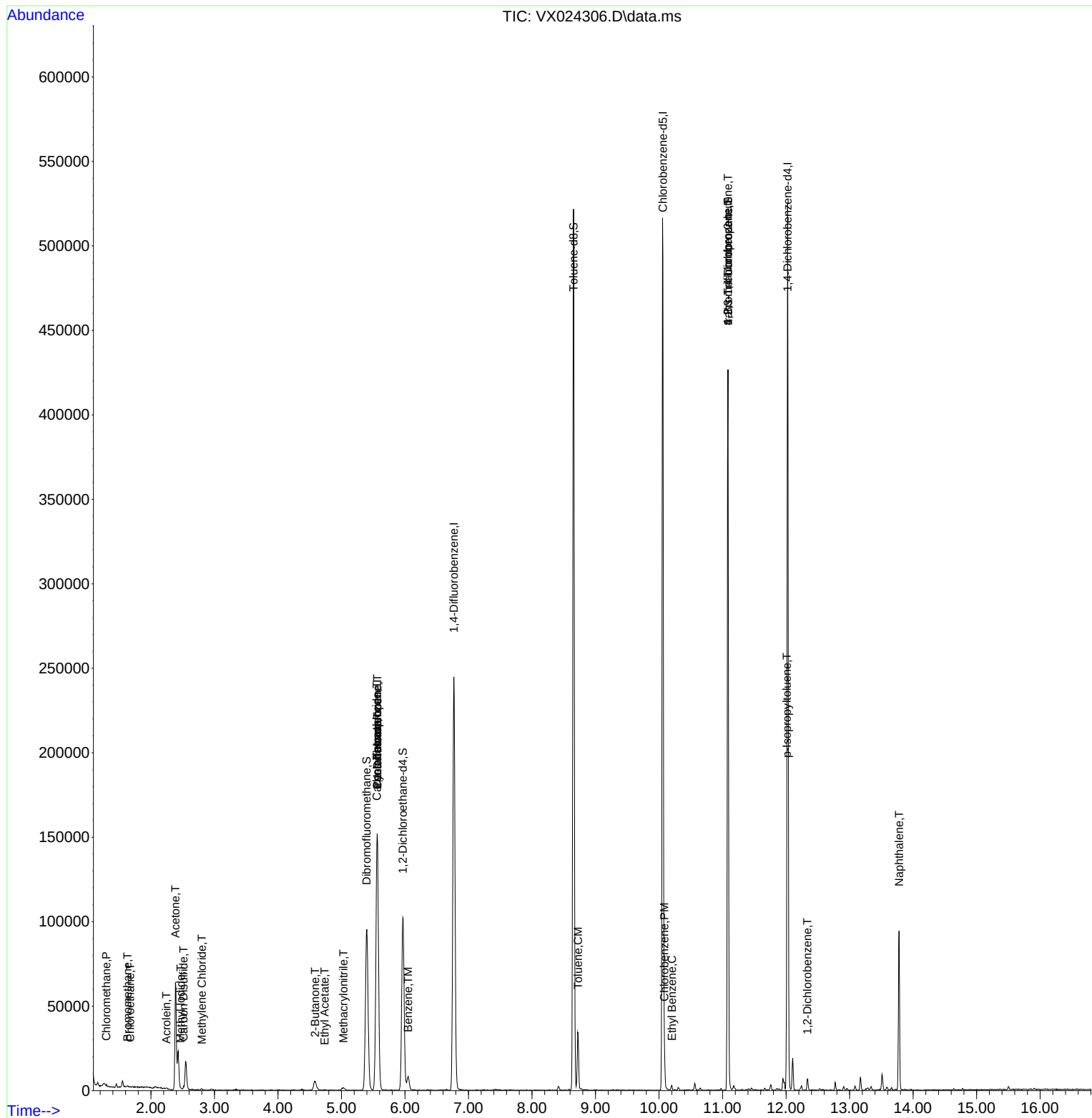
Internal Standards						
1) Pentafluorobenzene	5.562	168	142414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	244994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	231502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104998	51.703	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.400%	
35) Dibromofluoromethane	5.397	113	82217	50.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	8.653	98	301321	50.342	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	11.085	95	112550	48.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.640%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	313	0.219	ug/l	96
5) Bromomethane	1.630	94	608	0.718	ug/l	96
6) Chloroethane	1.672	64	165	2.139	ug/l #	43
10) Methyl Iodide	2.465	142	1163	0.600	ug/l #	82
11) Tert butyl alcohol	2.971	59	635	Below Cal	#	73
13) Acrolein	2.239	56	74	0.553	ug/l #	76
16) Acetone	2.386	43	67074	77.461	ug/l	90
17) Carbon Disulfide	2.514	76	1960	0.596	ug/l #	94
20) Methylene Chloride	2.800	84	414	0.249	ug/l #	83
25) 2-Butanone	4.587	43	8400	6.586	ug/l #	82
31) Cyclohexane	5.562	56	3020	1.271	ug/l #	36
36) 1,1-Dichloropropene	5.562	75	11087	4.922	ug/l #	50
37) Ethyl Acetate	4.733	43	671	0.256	ug/l #	76
38) Carbon Tetrachloride	5.556	117	15050	5.936	ug/l #	17
40) Benzene	6.050	78	9141	1.415	ug/l	95
41) Methacrylonitrile	5.032	41	484	0.346	ug/l #	29
52) Toluene	8.726	92	12081	2.853	ug/l	100
65) Chlorobenzene	10.086	112	8271	1.737	ug/l	96
67) Ethyl Benzene	10.201	91	1749	0.210	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	59024	24.912	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59024	73.267	ug/l #	12
86) p-Isopropyltoluene	12.012	119	14706	2.240	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	2201	0.649	ug/l	94
95) Naphthalene	13.780	128	58369	9.009	ug/l	99

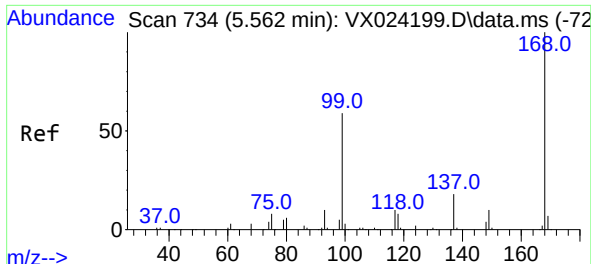
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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QLast Update : Tue Sep 14 12:18:04 2021
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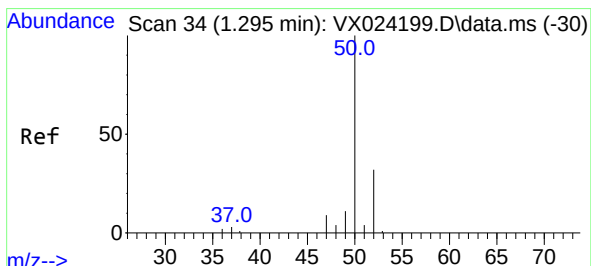
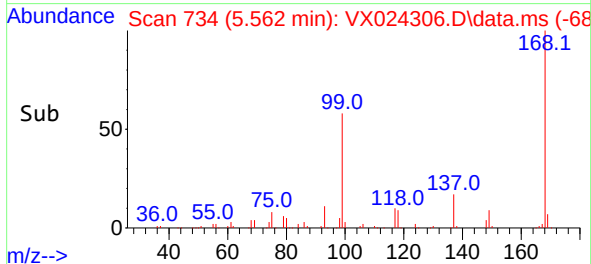
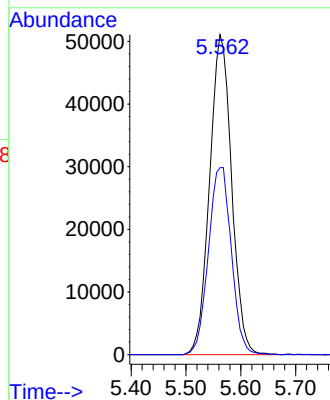
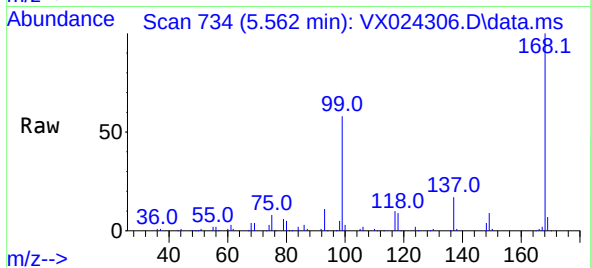




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

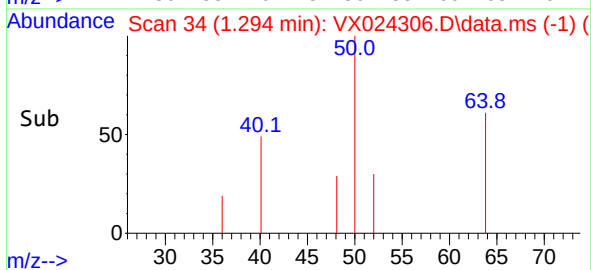
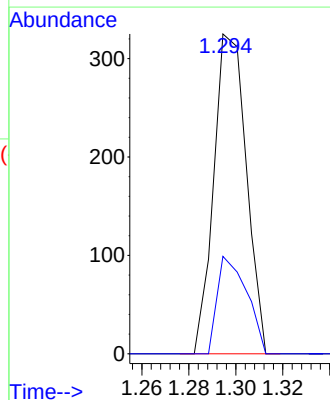
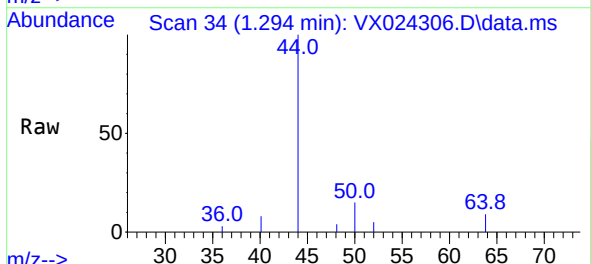
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

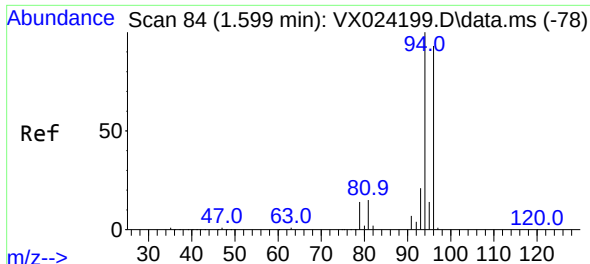
Tgt Ion:168 Resp: 142414
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 30.5 26.4 39.6

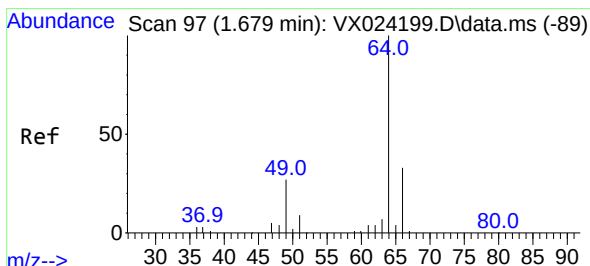
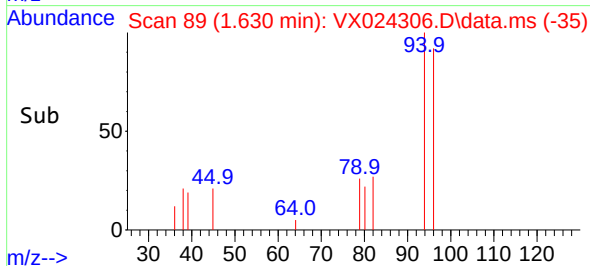
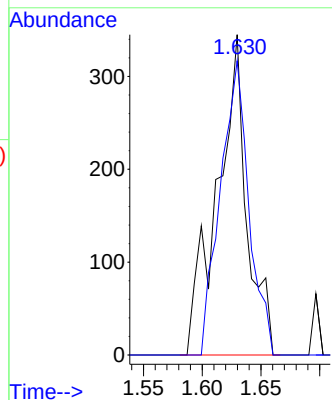
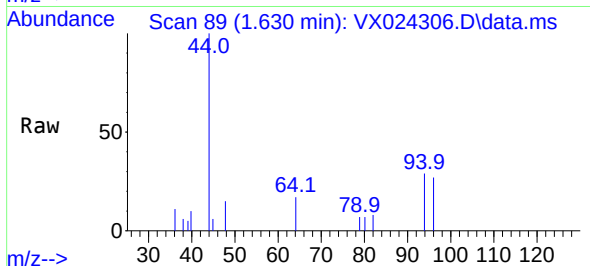




#5
Bromomethane
Concen: 0.718 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

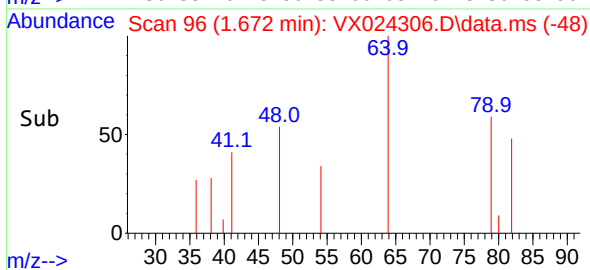
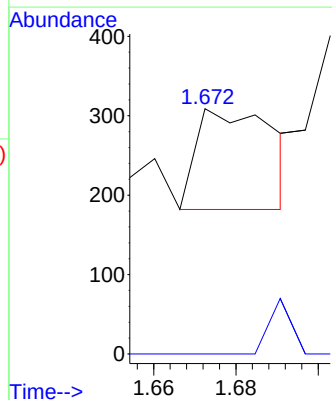
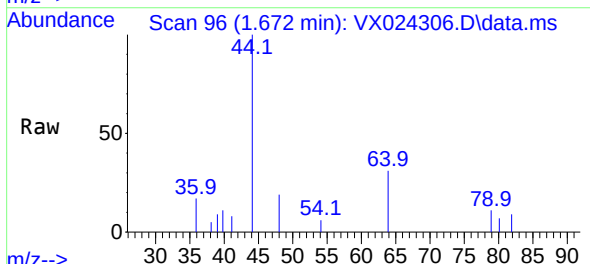
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

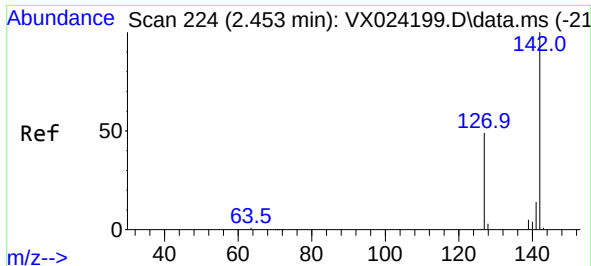
Tgt Ion: 94 Resp: 608
Ion Ratio Lower Upper
94 100
96 91.9 76.4 114.6



#6
Chloroethane
Concen: 2.139 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 64 Resp: 165
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

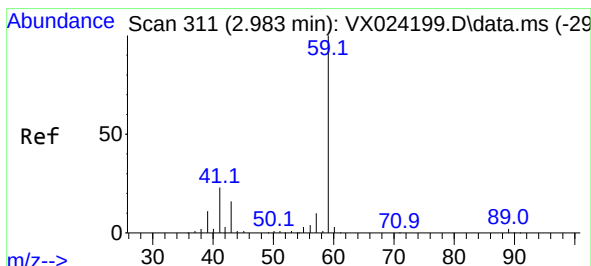
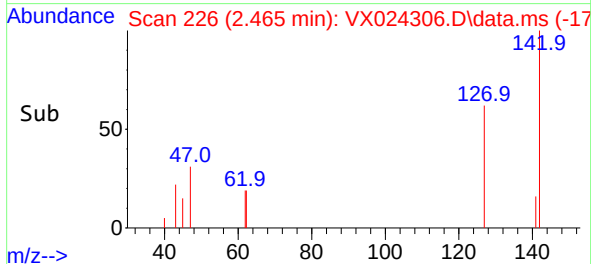
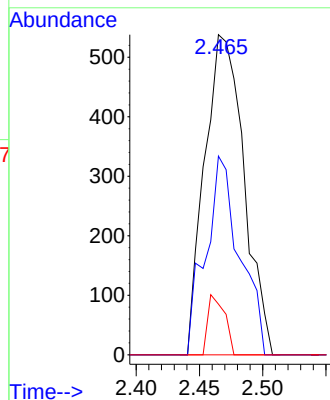
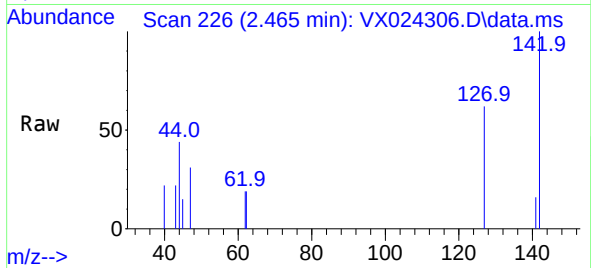




#10
Methyl Iodide
Concen: 0.600 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

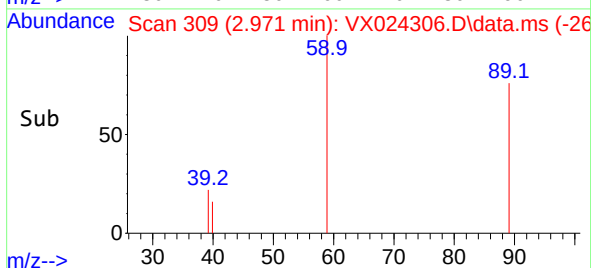
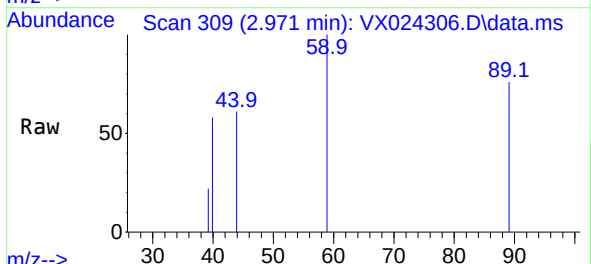
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

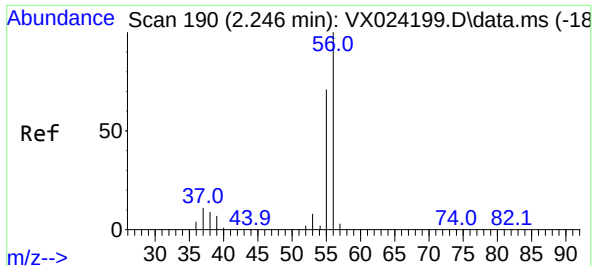
Tgt Ion:142 Resp: 1163
Ion Ratio Lower Upper
142 100
127 53.8 33.3 49.9#
141 8.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 59 Resp: 635
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

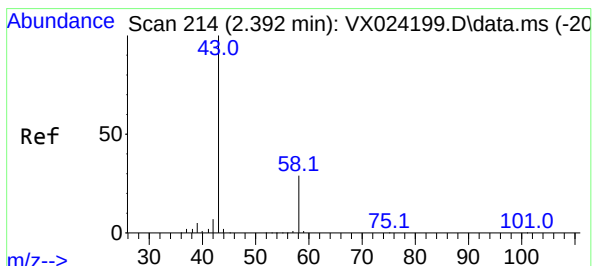
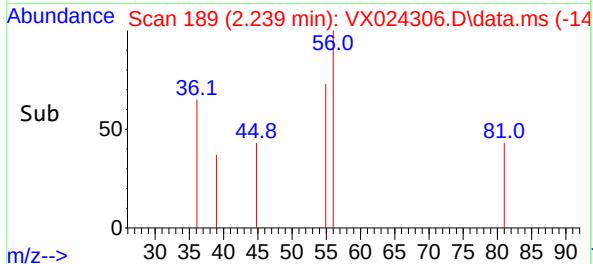
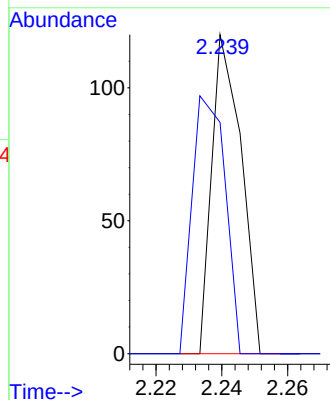
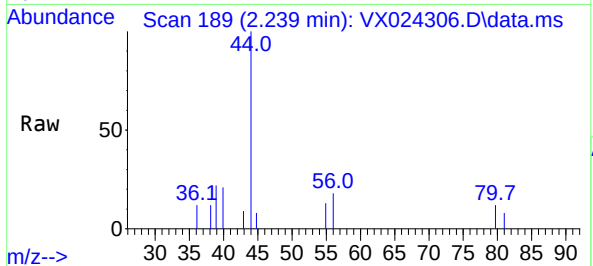




#13
Acrolein
Concen: 0.553 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.007 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

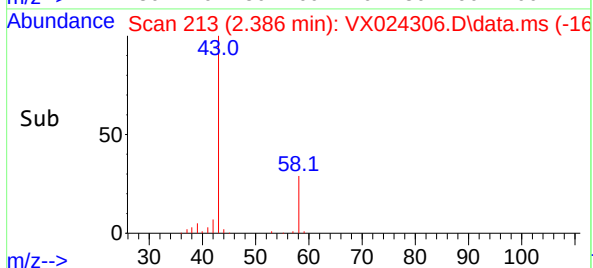
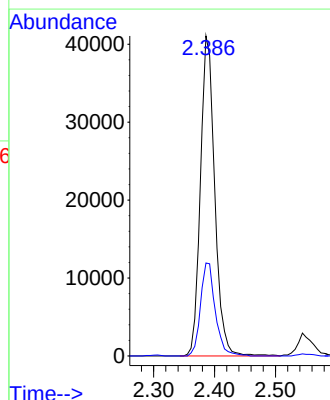
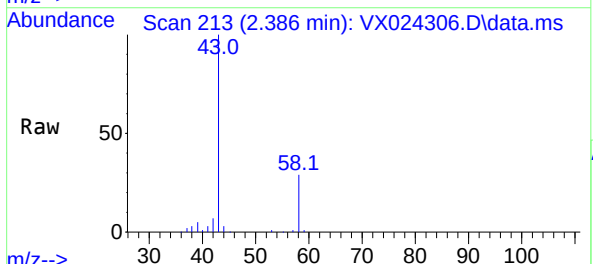
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

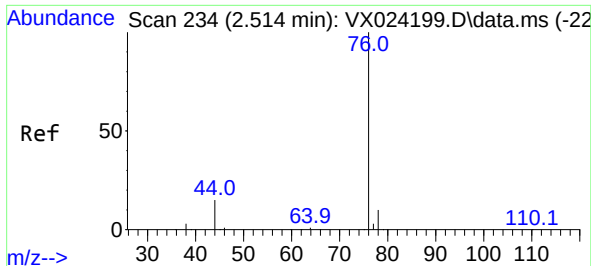
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 90.5 56.4 84.6#



#16
Acetone
Concen: 77.461 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 43 Resp: 67074
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8

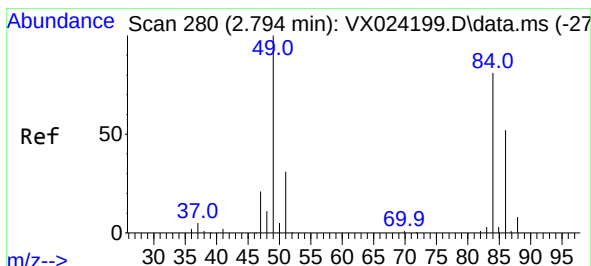
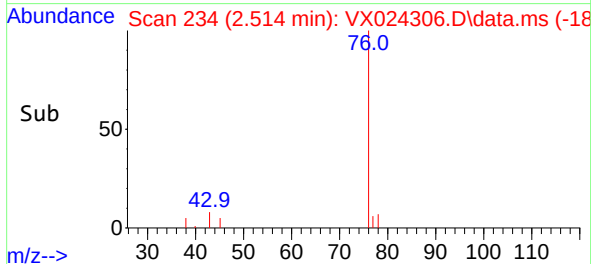
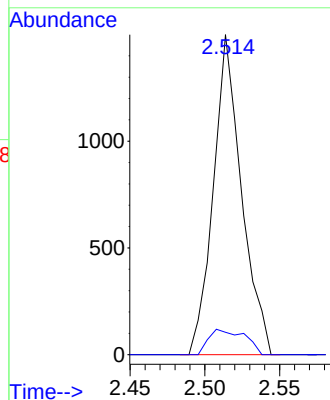
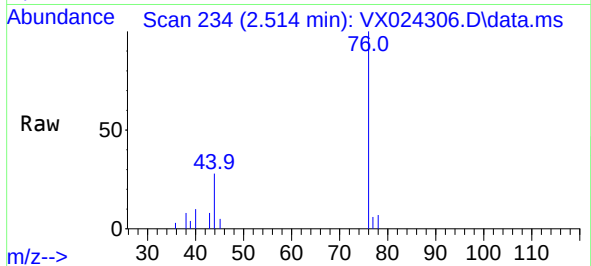




#17
Carbon Disulfide
Concen: 0.596 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

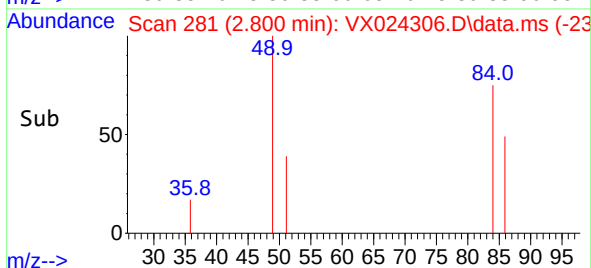
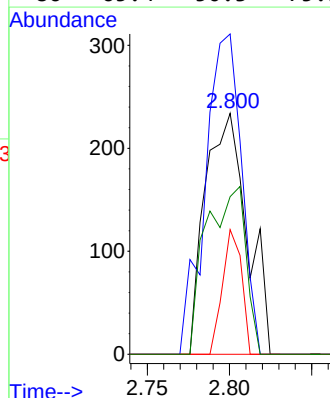
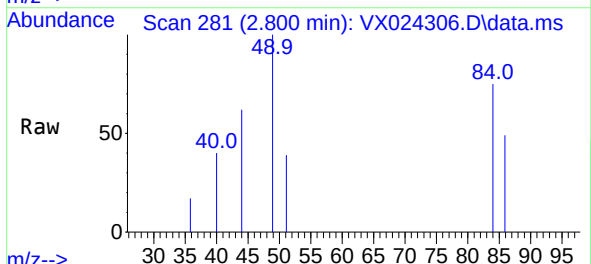
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

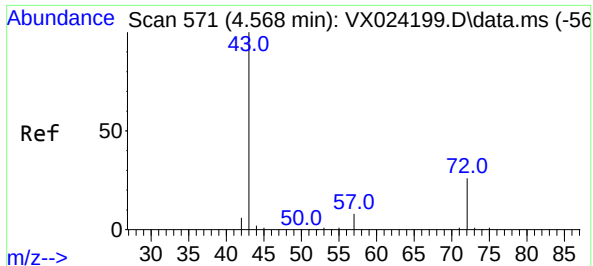
Tgt Ion: 76 Resp: 1960
Ion Ratio Lower Upper
76 100
78 7.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.249 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 84 Resp: 414
Ion Ratio Lower Upper
84 100
49 132.9 88.6 132.8#
51 51.7 27.0 40.6#
86 65.4 50.3 75.5





#25

2-Butanone

Concen: 6.586 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX024306.D

Acq: 17 Sep 2021 13:59

Tgt Ion: 43 Resp: 8400

Ion Ratio Lower Upper

43 100

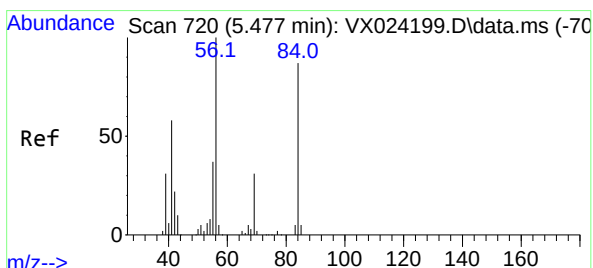
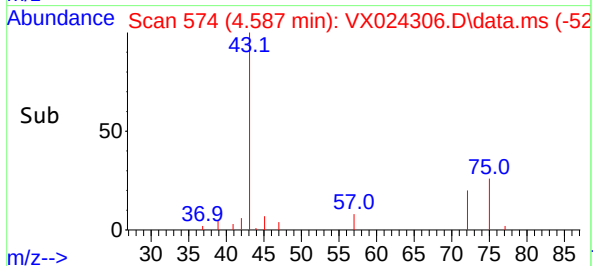
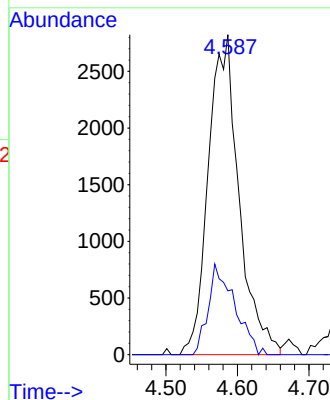
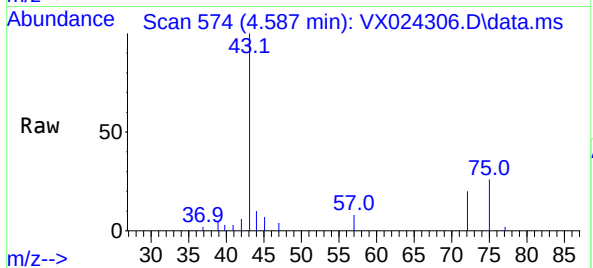
72 19.9 23.7 35.5#

Instrument :

MSVOA_X

ClientSampleId :

SW-RR-02-(1.0)



#31

Cyclohexane

Concen: 1.271 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024306.D

Acq: 17 Sep 2021 13:59

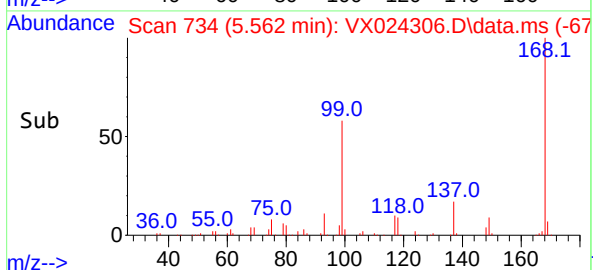
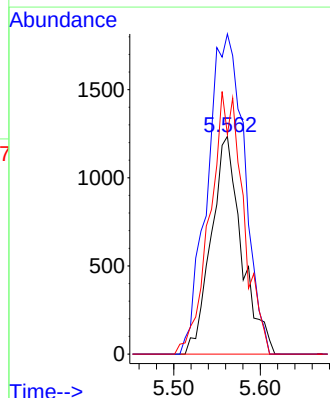
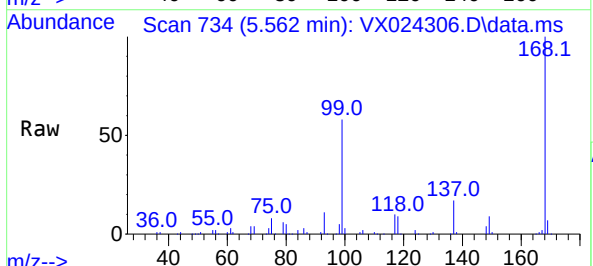
Tgt Ion: 56 Resp: 3020

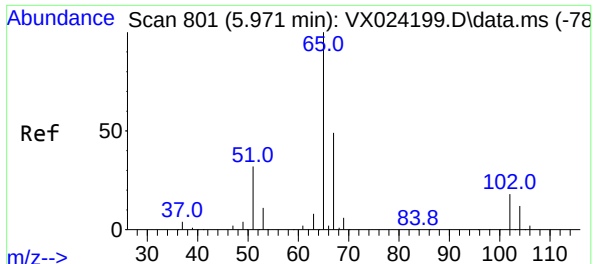
Ion Ratio Lower Upper

56 100

69 147.0 25.3 37.9#

84 100.8 71.4 107.0



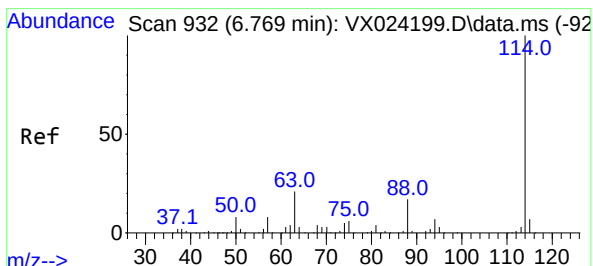
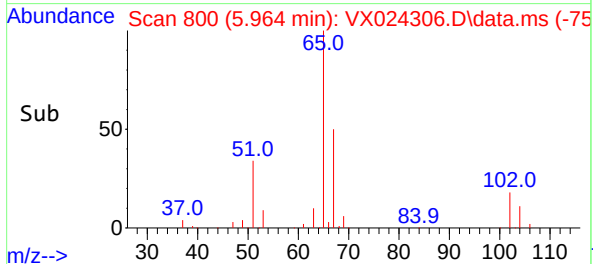
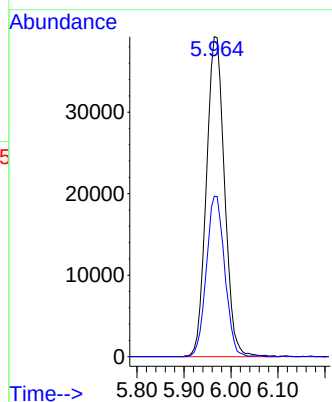
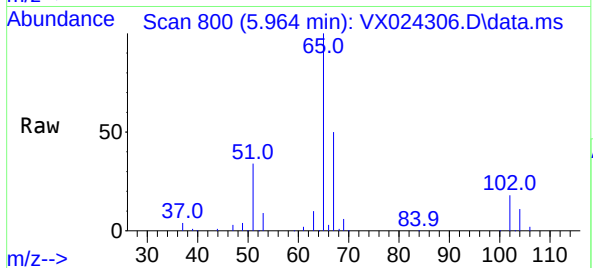


#33

1,2-Dichloroethane-d4
Concen: 51.703 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

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

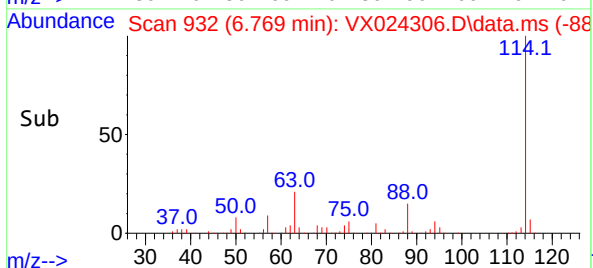
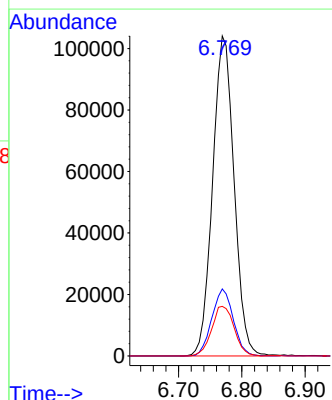
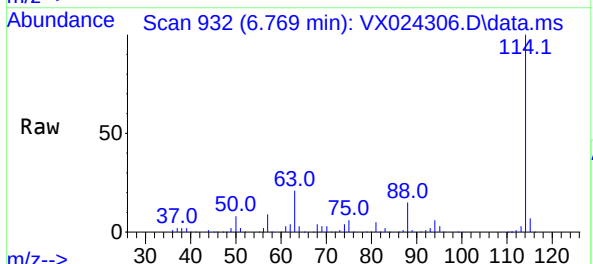
Tgt Ion: 65 Resp: 104998
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

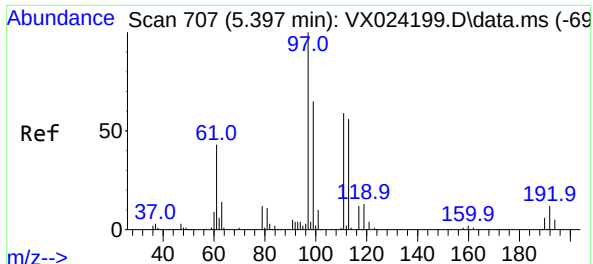


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 114 Resp: 244994
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.040 ug/l

RT: 5.397 min Scan# 707

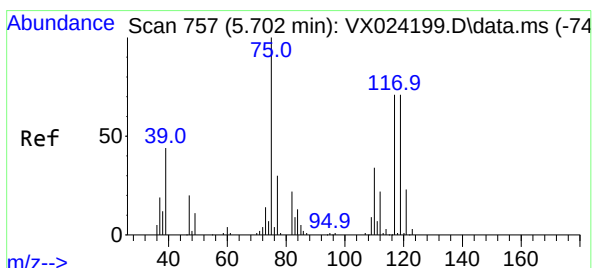
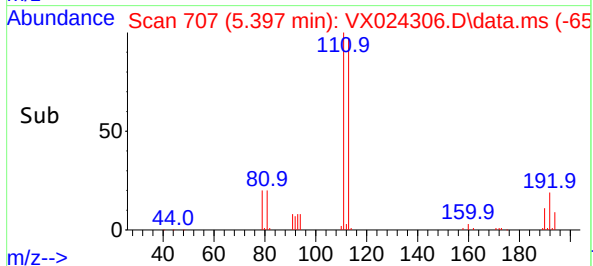
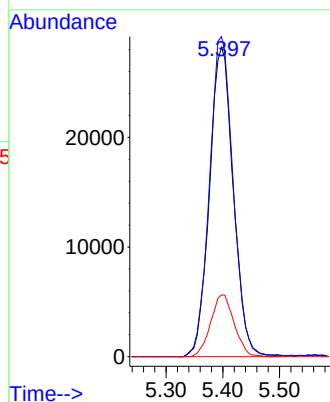
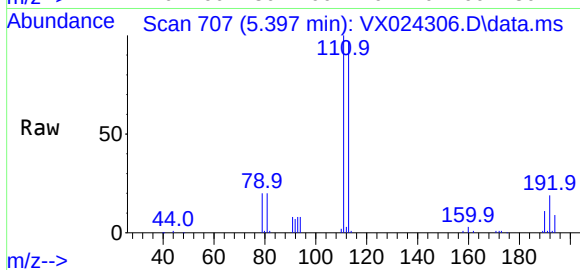
Delta R.T. 0.000 min

Lab File: VX024306.D

Acq: 17 Sep 2021 13:59

Tgt Ion:	113	Resp:	82217
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	19.8	16.7	25.1

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



#36

1,1-Dichloropropene

Concen: 4.922 ug/l

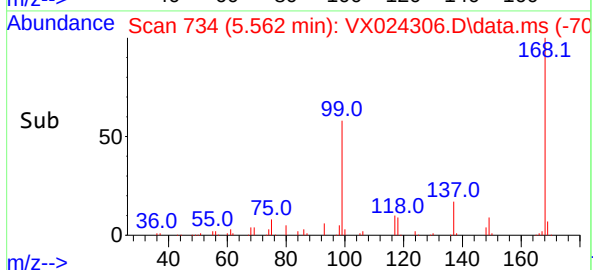
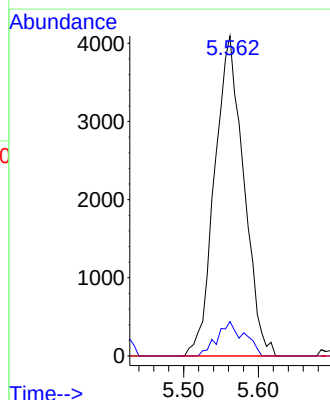
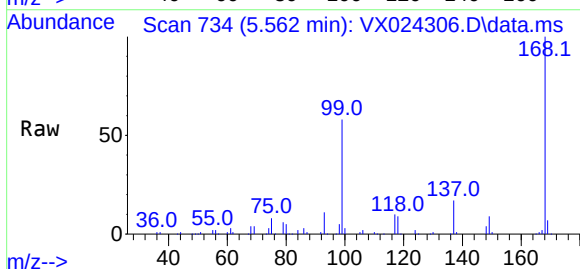
RT: 5.562 min Scan# 734

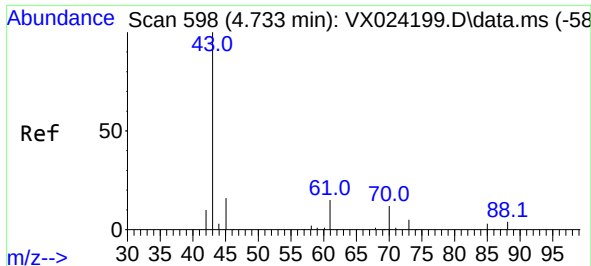
Delta R.T. -0.140 min

Lab File: VX024306.D

Acq: 17 Sep 2021 13:59

Tgt Ion:	75	Resp:	11087
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#

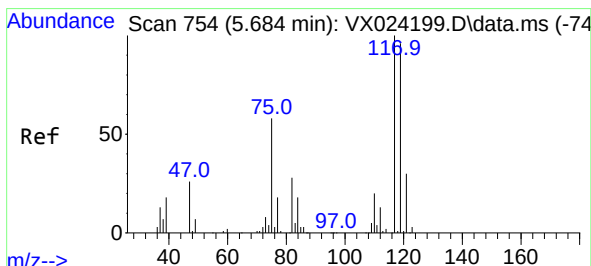
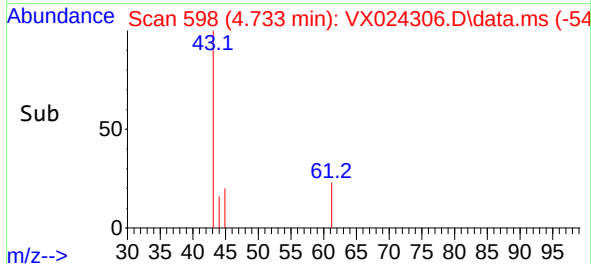
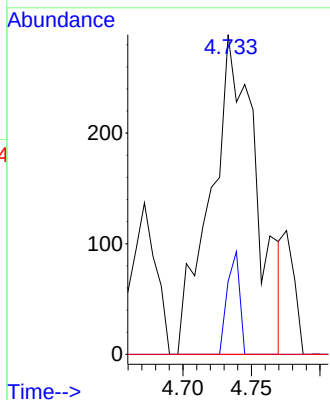
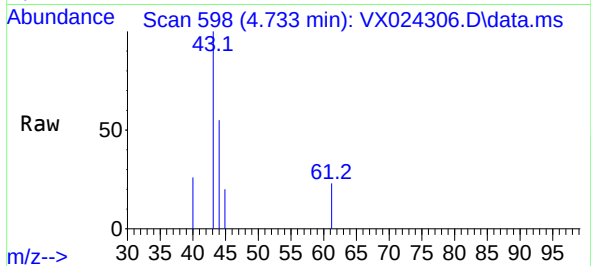




#37
Ethyl Acetate
Concen: 0.256 ug/l
RT: 4.733 min Scan# 598
Delta R.T. -0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

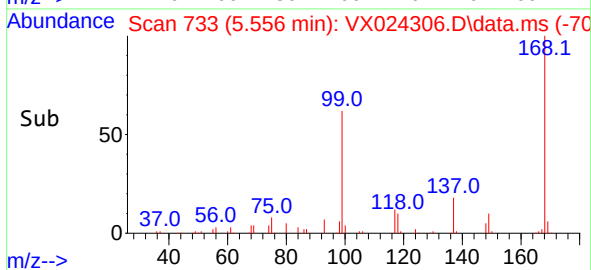
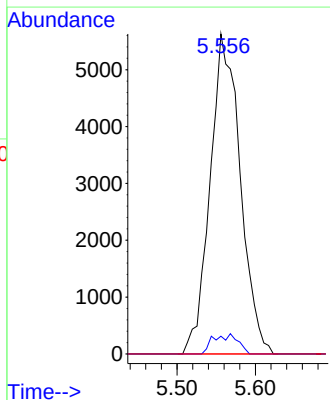
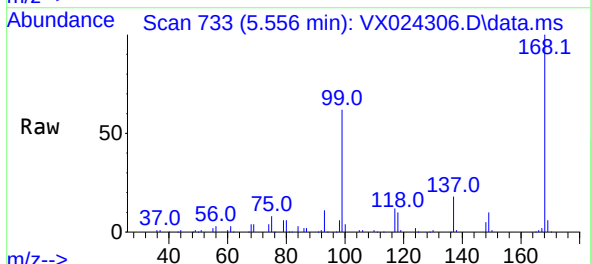
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

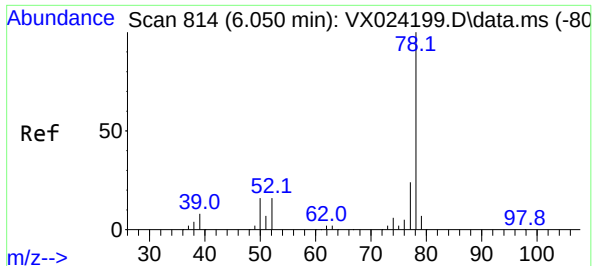
Tgt Ion:	43	Resp:	671
Ion	Ratio	Lower	Upper
43	100		
61	8.6	12.8	19.2#
70	0.0	10.5	15.7#



#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion:	117	Resp:	15050
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.2	114.2#
121	0.0	24.8	37.2#

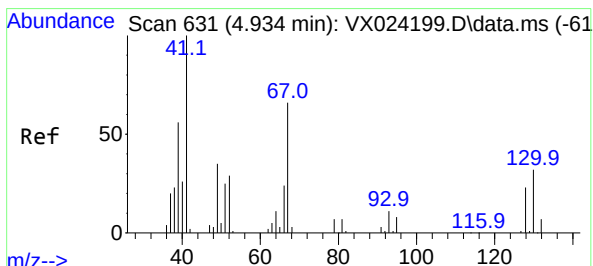
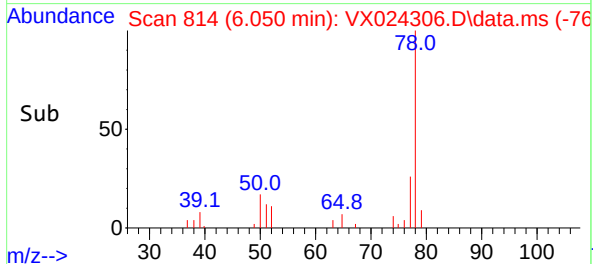
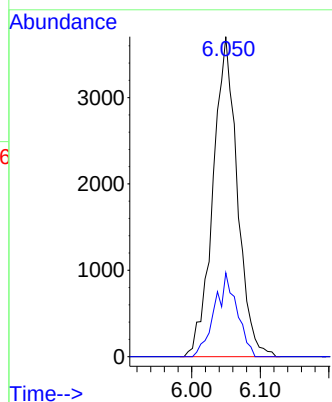
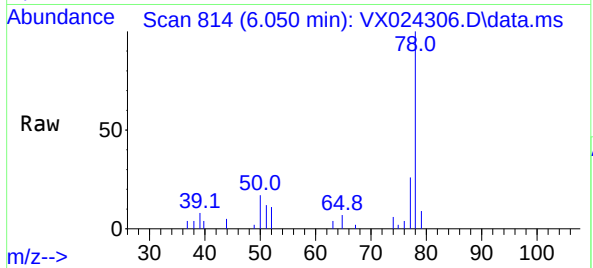




#40
Benzene
Concen: 1.415 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

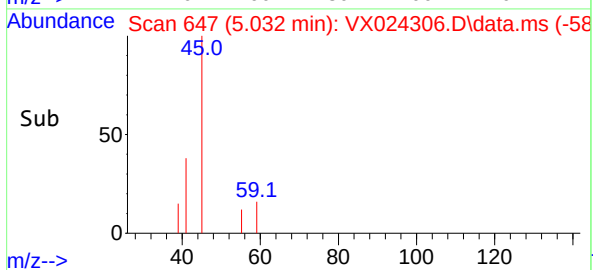
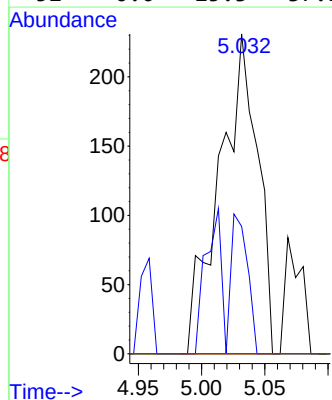
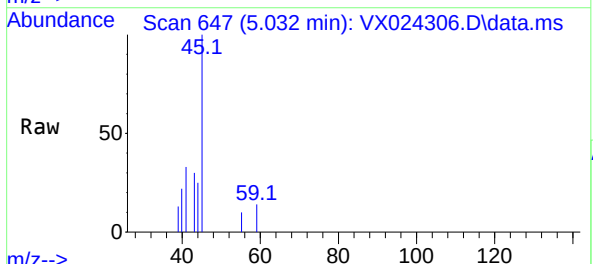
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

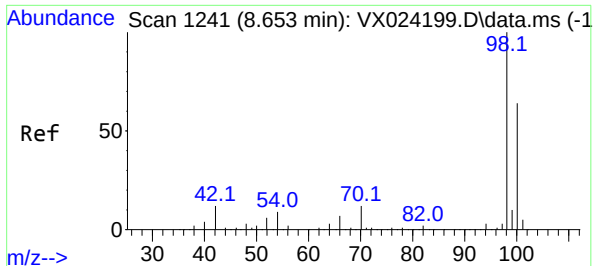
Tgt Ion: 78 Resp: 9141
Ion Ratio Lower Upper
78 100
77 26.2 18.9 28.3



#41
Methacrylonitrile
Concen: 0.346 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.098 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 41 Resp: 484
Ion Ratio Lower Upper
41 100
39 18.8 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

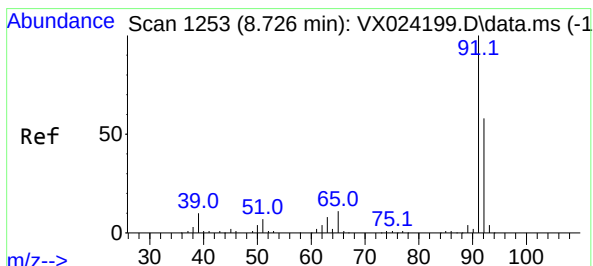
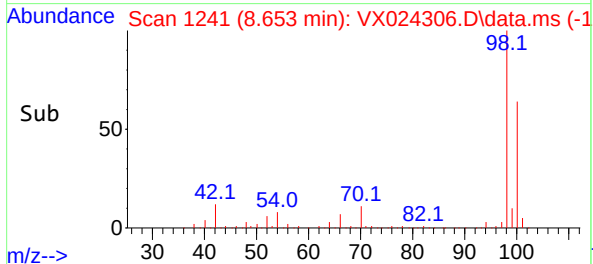
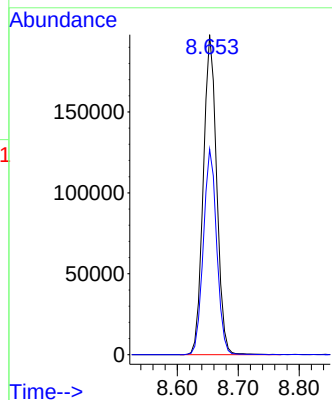
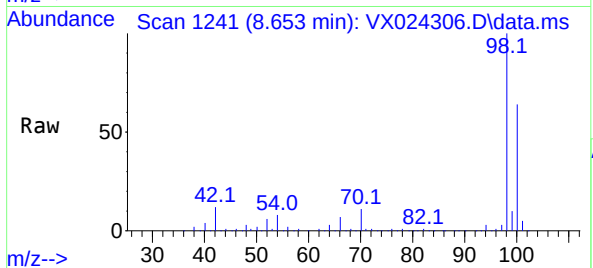




#50
Toluene-d8
Concen: 50.342 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

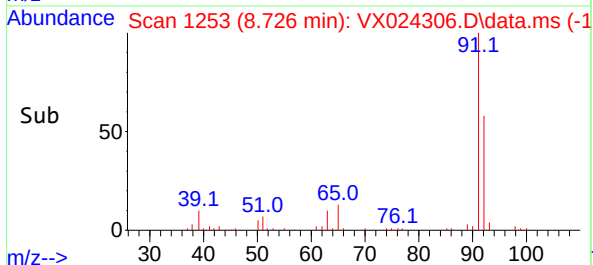
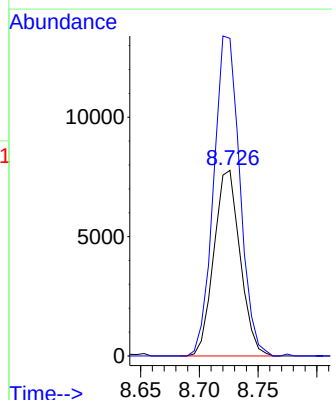
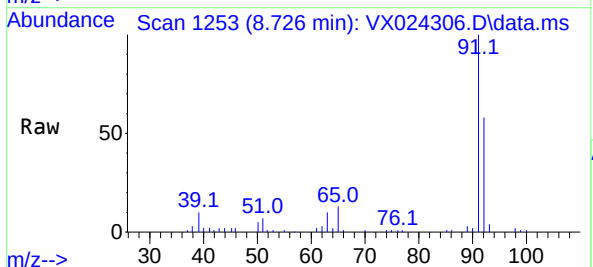
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

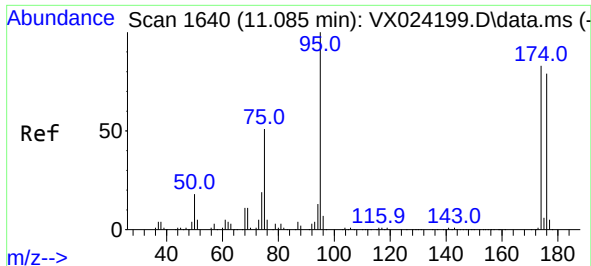
Tgt Ion: 98 Resp: 301321
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#52
Toluene
Concen: 2.853 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 92 Resp: 12081
Ion Ratio Lower Upper
92 100
91 172.0 137.1 205.7

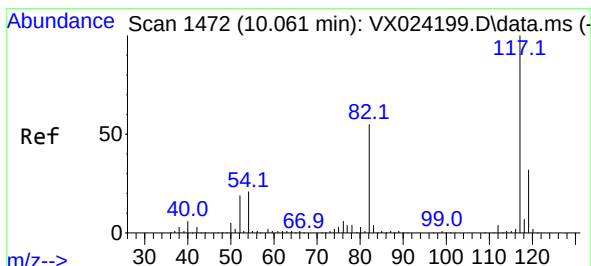
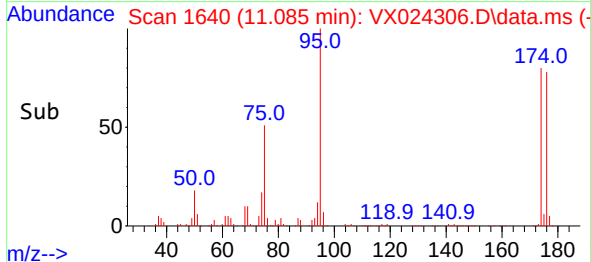
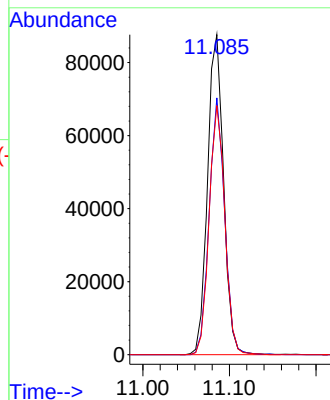
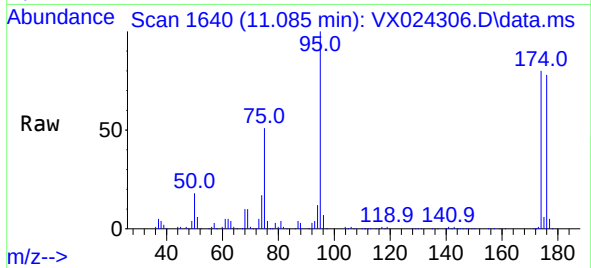




#62
4-Bromofluorobenzene
Concen: 48.318 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

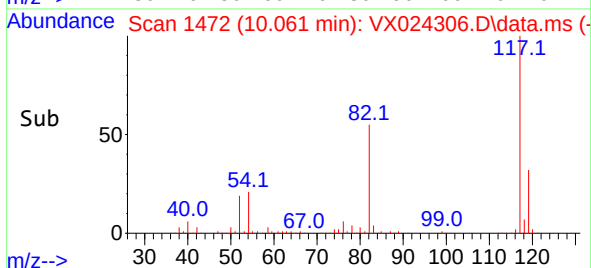
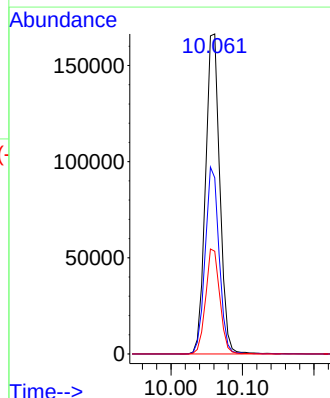
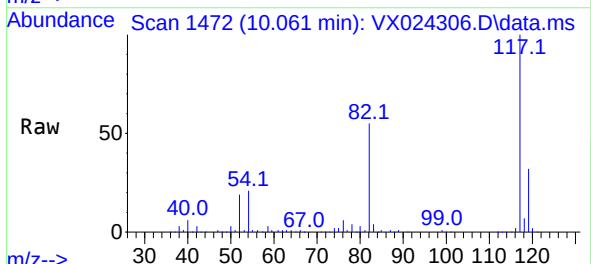
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

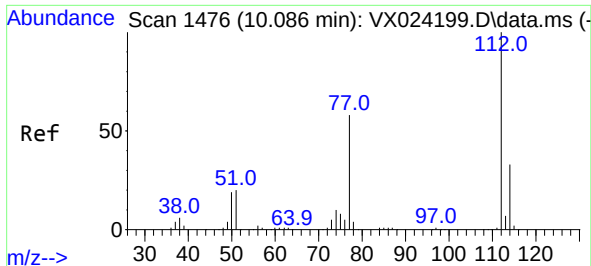
Tgt Ion: 95 Resp: 112550
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 76.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 117 Resp: 231502
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.1 26.6 39.8

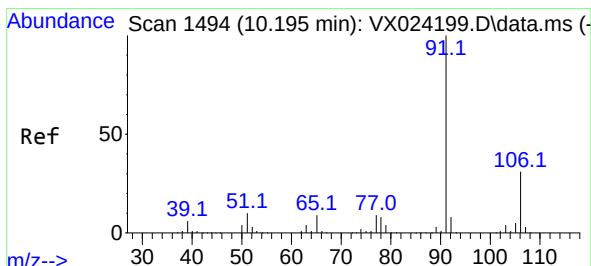
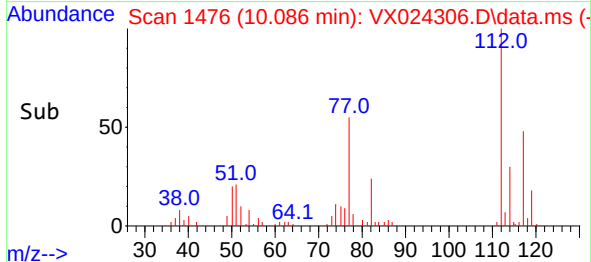
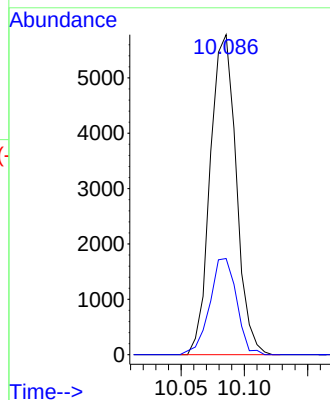
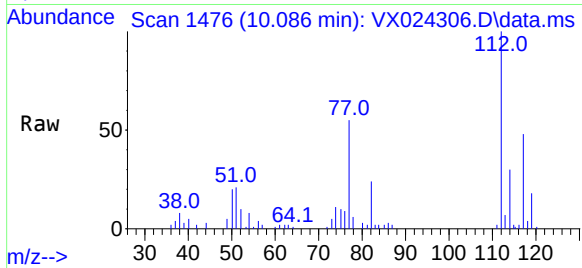




#65
Chlorobenzene
Concen: 1.737 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

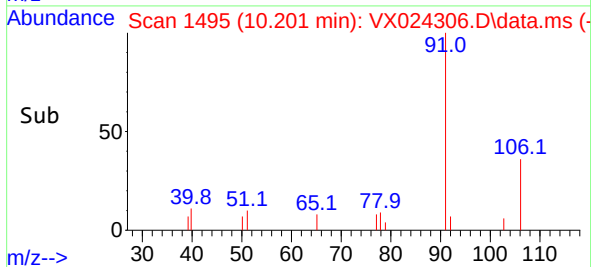
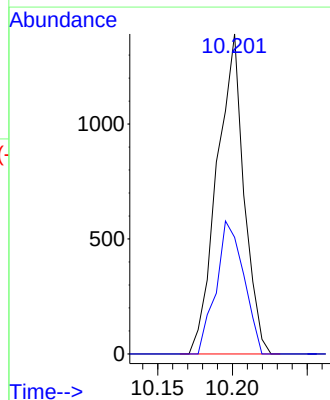
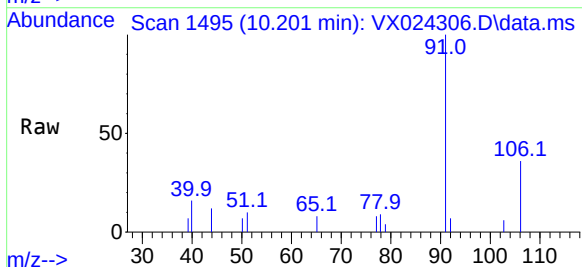
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

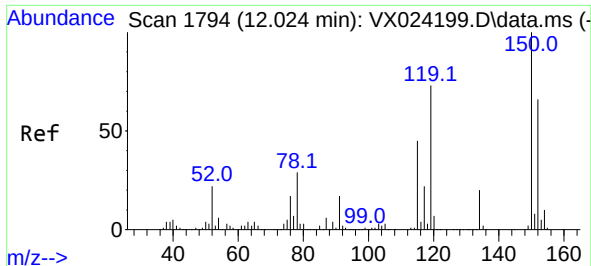
Tgt Ion:112 Resp: 8271
Ion Ratio Lower Upper
112 100
114 30.1 25.8 38.6



#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion: 91 Resp: 1749
Ion Ratio Lower Upper
91 100
106 36.4 24.6 37.0

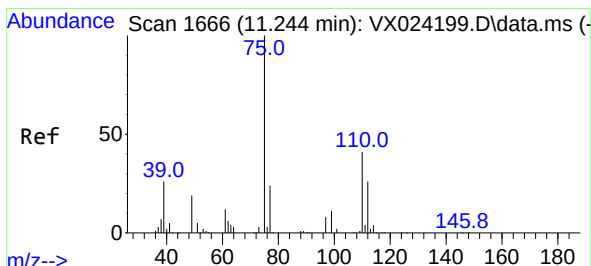
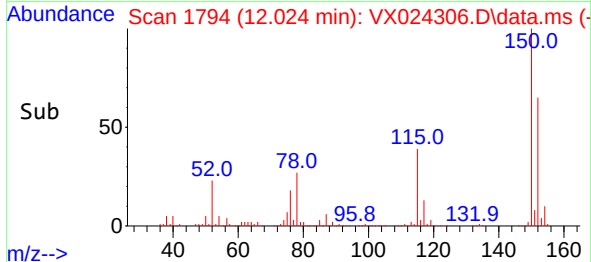
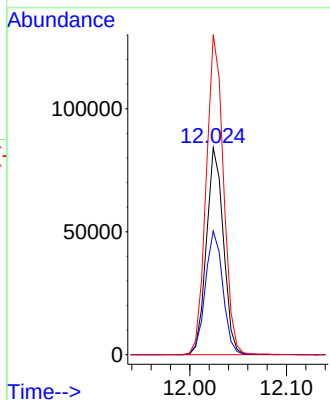
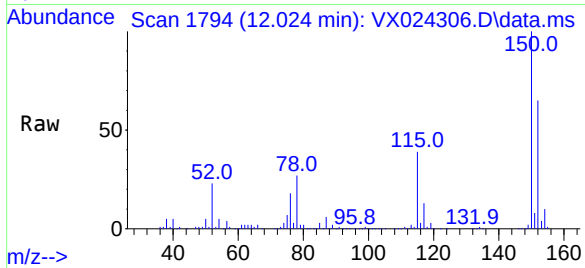




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

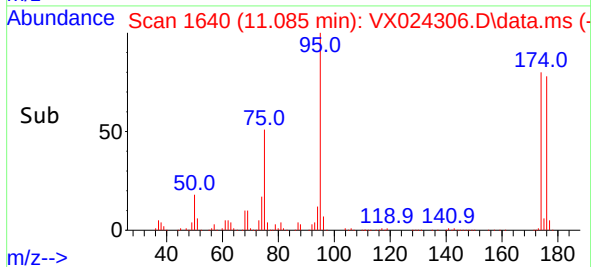
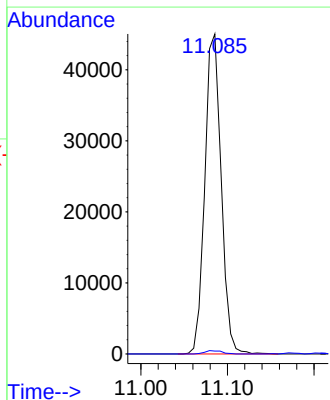
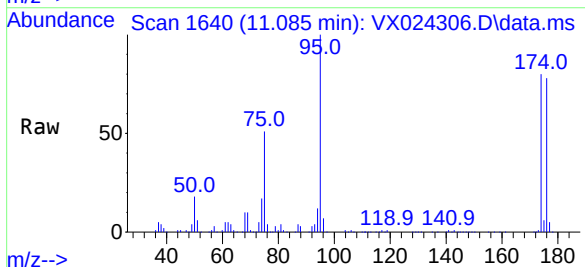
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)

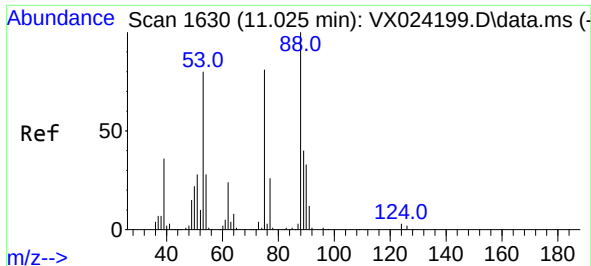
Tgt Ion:152 Resp: 103039
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 157.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.912 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

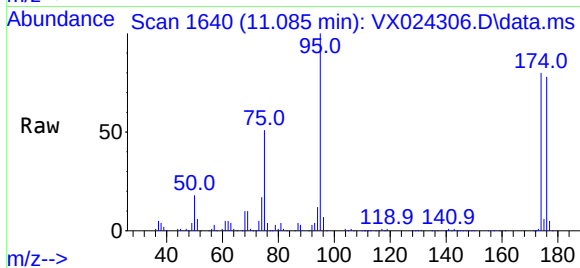
Tgt Ion: 75 Resp: 59024
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



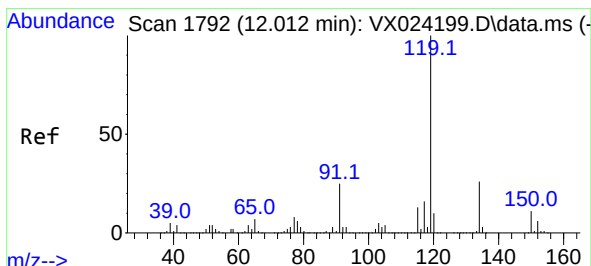
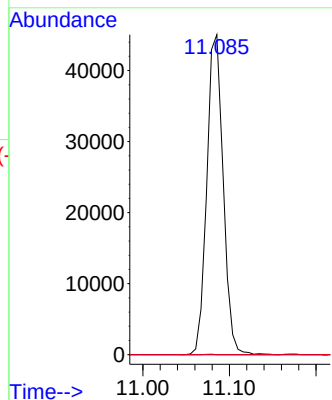
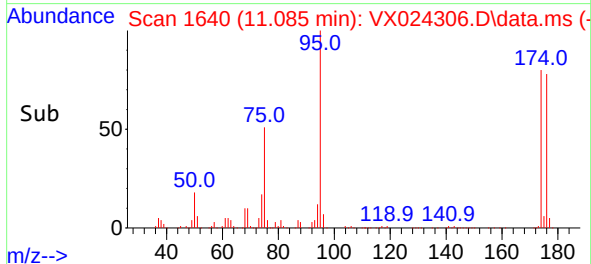


#81
trans-1,4-Dichloro-2-butene
Concen: 73.267 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

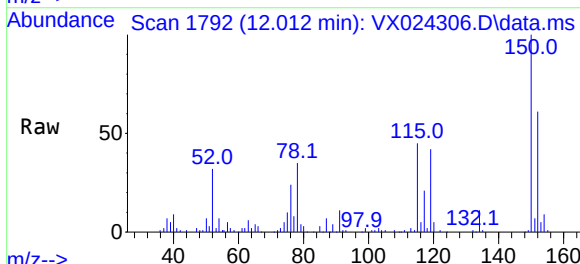
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)



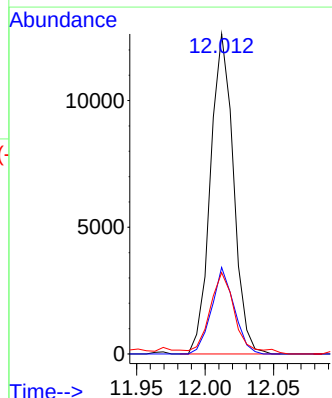
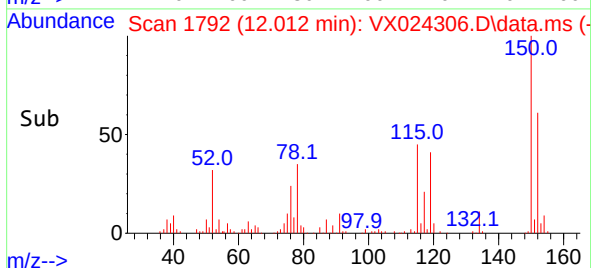
Tgt Ion: 75 Resp: 59024
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

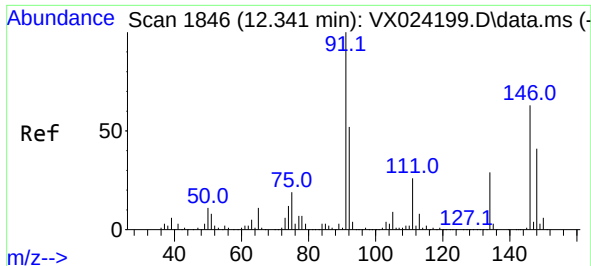


#86
p-Isopropyltoluene
Concen: 2.240 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59



Tgt Ion: 119 Resp: 14706
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 27.7 11.7 35.0

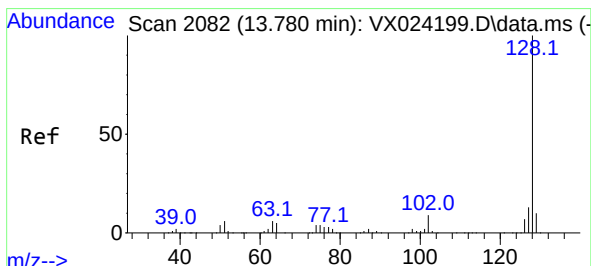
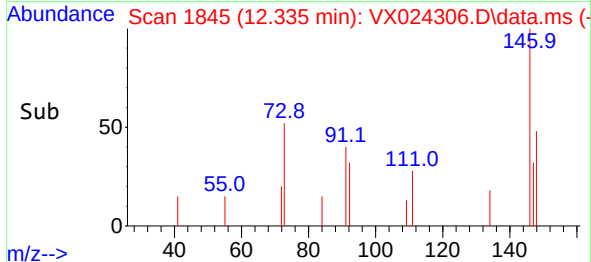
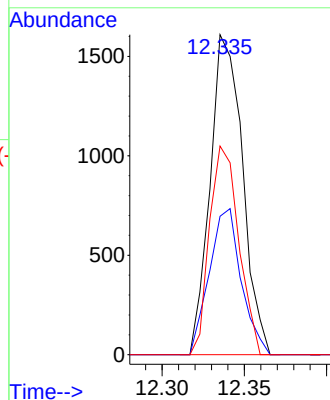
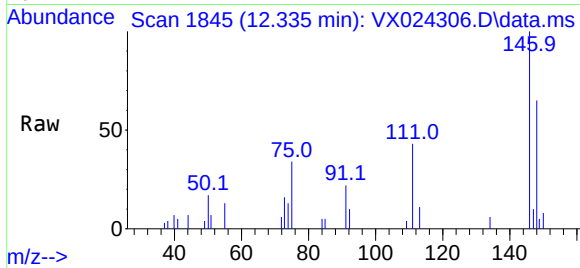




#91
1,2-Dichlorobenzene
Concen: 0.649 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

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

Tgt Ion:	146	Resp:	2201
Ion	Ratio	Lower	Upper
146	100		
111	45.0	20.8	62.2
148	58.8	31.9	95.5



#95
Naphthalene
Concen: 9.009 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024306.D
Acq: 17 Sep 2021 13:59

Tgt Ion:	128	Resp:	58369
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.7	8.8	13.2

