

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024519.D
 Acq On : 04 Oct 2021 14:48
 Operator : JC/MD
 Sample : M3911-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)RE

Quant Time: Oct 05 03:20:16 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)

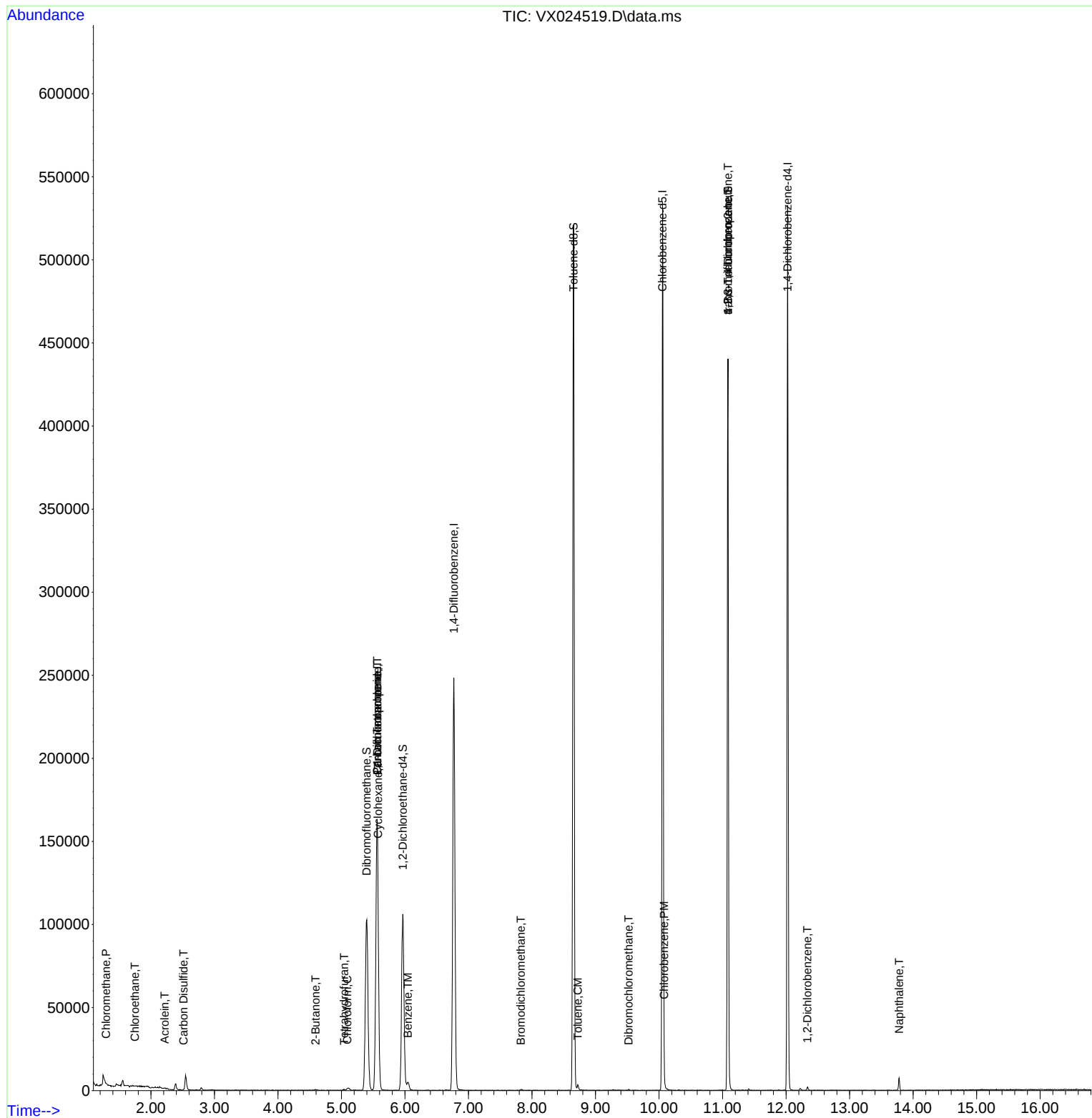
Internal Standards						
1) Pentafluorobenzene	5.562	168	151535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108512	50.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.620%	
35) Dibromofluoromethane	5.397	113	89598	54.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.520%	
50) Toluene-d8	8.653	98	299460	49.729	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	11.085	95	112199	47.388	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	401	0.279	ug/l	94
6) Chloroethane	1.746	64	170	0.427	ug/l #	43
11) Tert butyl alcohol	2.983	59	25	Below Cal	#	73
13) Acrolein	2.215	56	23	10.249	ug/l #	14
16) Acetone	2.386	43	3862	Below Cal		94
17) Carbon Disulfide	2.514	76	321	0.317	ug/l #	75
20) Methylene Chloride	2.794	84	565	Below Cal	#	85
25) 2-Butanone	4.593	43	348	0.237	ug/l #	45
29) Tetrahydrofuran	5.044	42	403	0.430	ug/l #	31
30) Chloroform	5.093	83	858	0.270	ug/l #	67
31) Cyclohexane	5.574	56	3283	1.284	ug/l #	50
36) 1,1-Dichloropropene	5.562	75	11936	5.055	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15673	6.098	ug/l #	15
40) Benzene	6.044	78	5265	0.780	ug/l	98
47) Bromodichloromethane	7.824	83	510	0.213	ug/l #	47
52) Toluene	8.720	92	1163	0.267	ug/l	96
60) Dibromochloromethane	9.519	129	178	1.272	ug/l	63
65) Chlorobenzene	10.079	112	1177	0.241	ug/l #	86
76) 1,2,3-Trichloropropane	11.085	75	61579	25.624	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	61579	69.827	ug/l #	12
91) 1,2-Dichlorobenzene	12.335	146	742	0.205	ug/l	88
95) Naphthalene	13.780	128	4764	0.645	ug/l	99

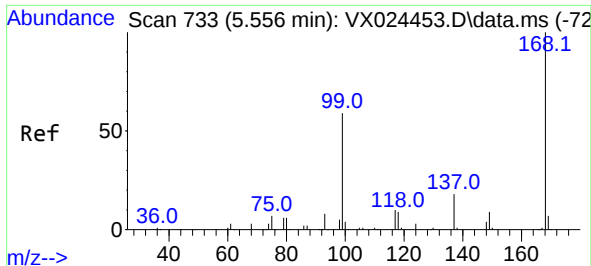
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SW-RR-03-(SA)RE

Quant Time: Oct 05 03:20:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
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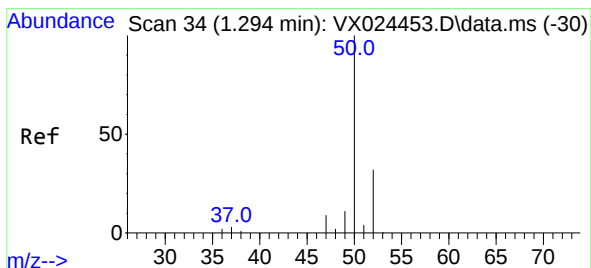
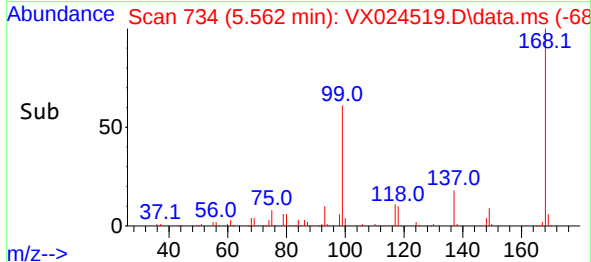
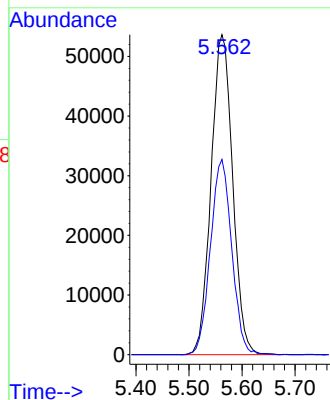
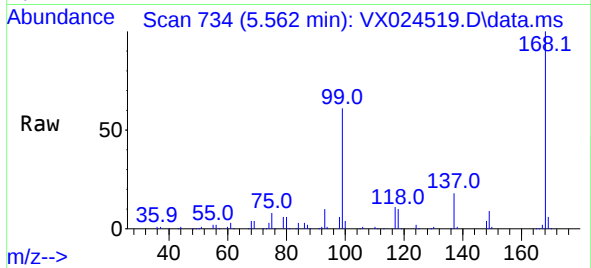




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

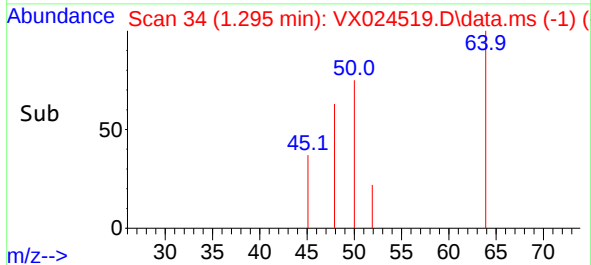
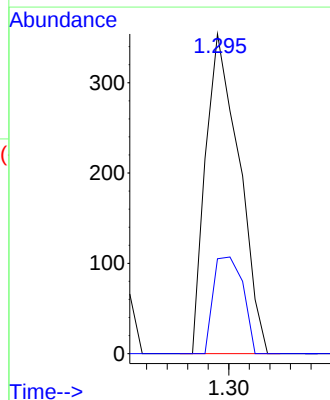
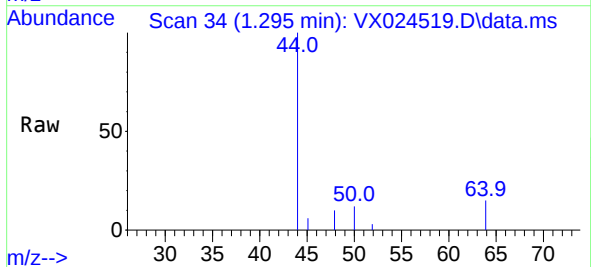
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

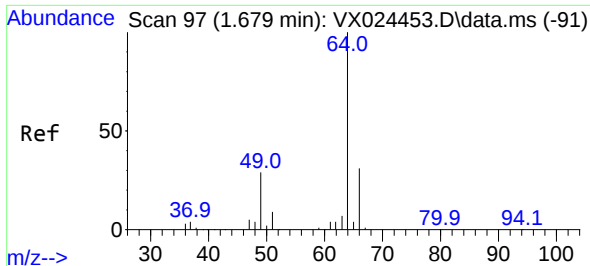
Tgt Ion:168 Resp: 151535
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 50 Resp: 401
Ion Ratio Lower Upper
50 100
52 29.7 26.4 39.6

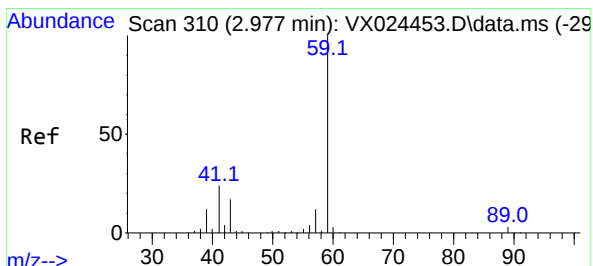
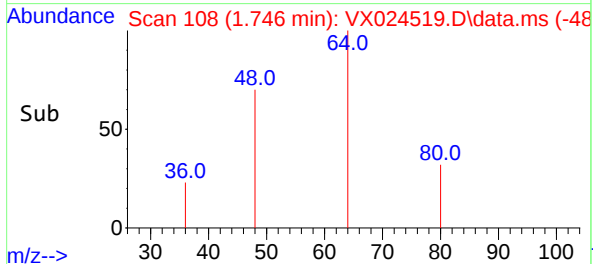
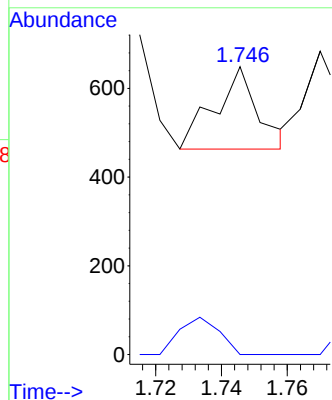
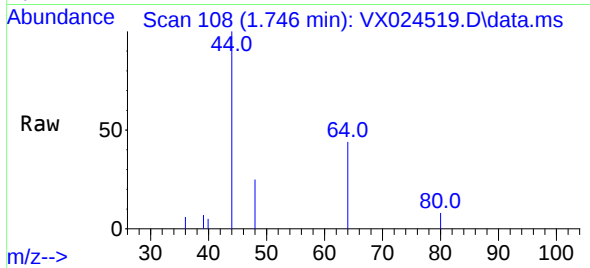




#6
Chloroethane
Concen: 0.427 ug/l
RT: 1.746 min Scan# 108
Delta R.T. 0.067 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

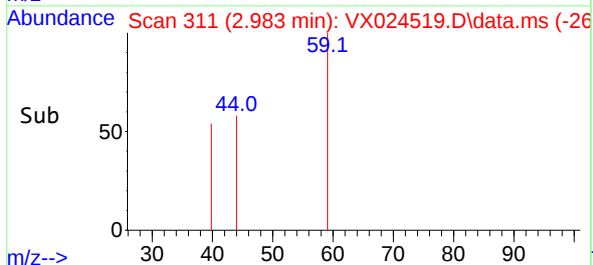
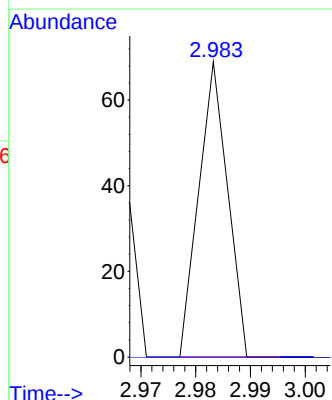
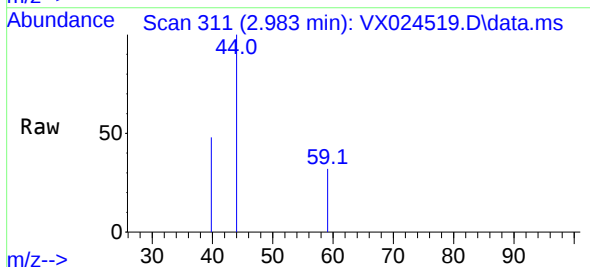
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

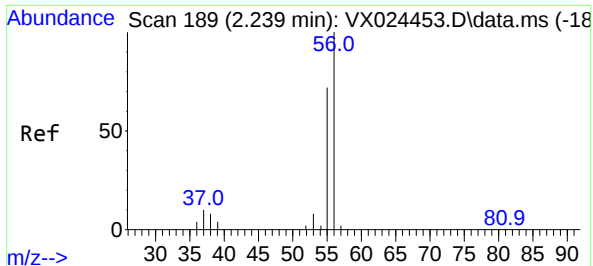
Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 59 Resp: 25
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 10.249 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX024519.D

Acq: 04 Oct 2021 14:48

Instrument :

MSVOA_X

ClientSampleId :

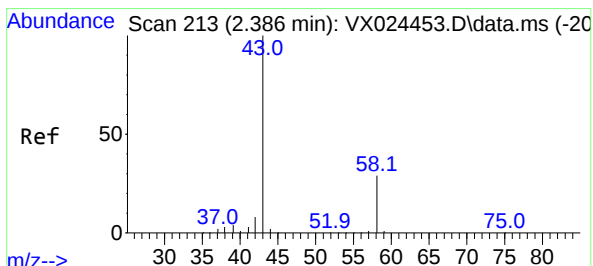
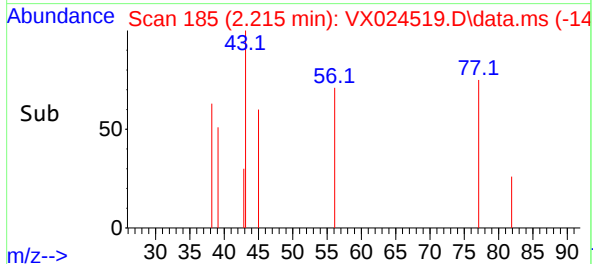
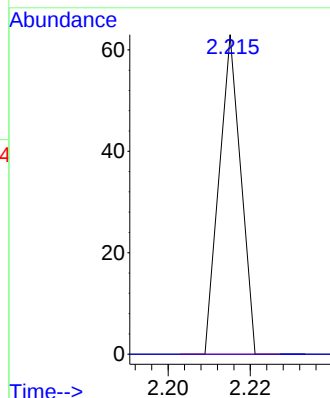
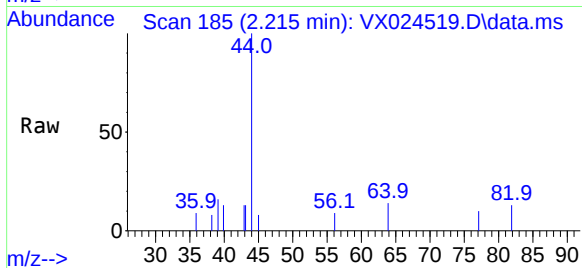
SW-RR-03-(SA)RE

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX024519.D

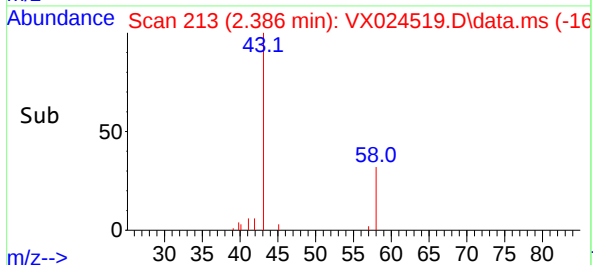
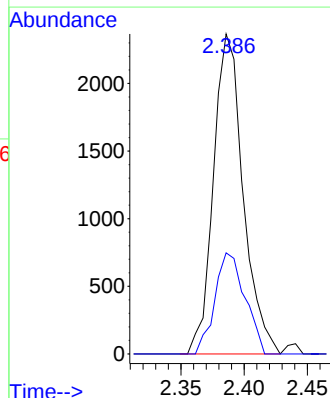
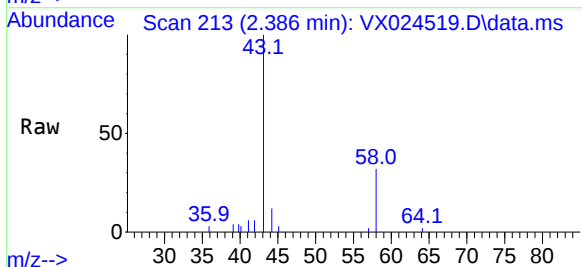
Acq: 04 Oct 2021 14:48

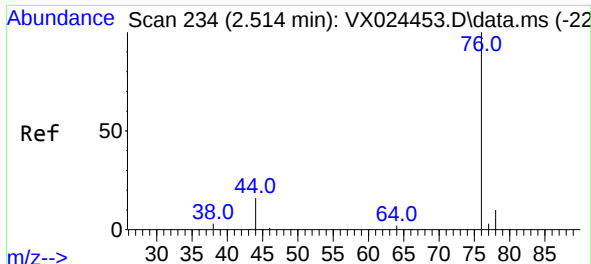
Tgt Ion: 43 Resp: 3862

Ion Ratio Lower Upper

43 100

58 31.6 27.8 41.8

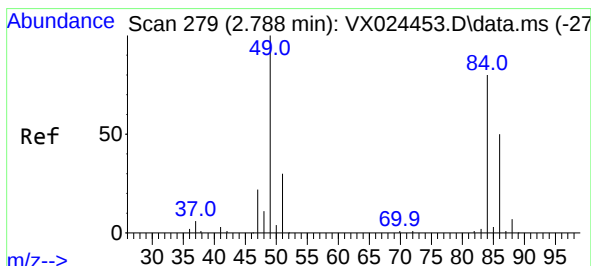
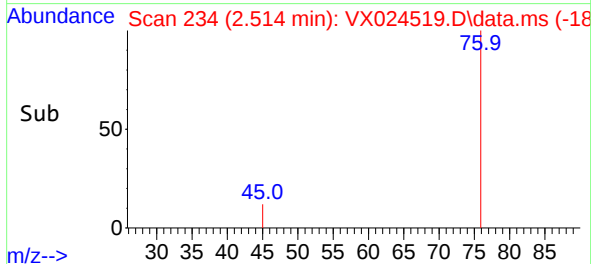
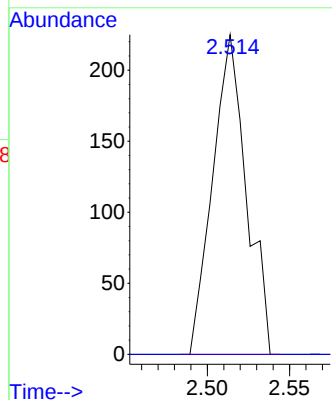
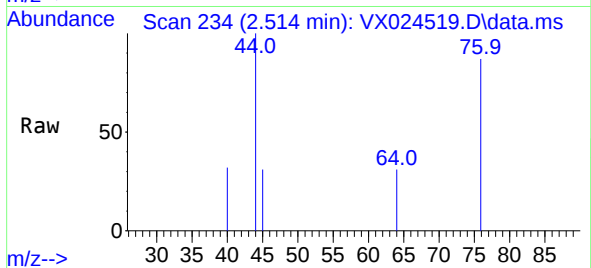




#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

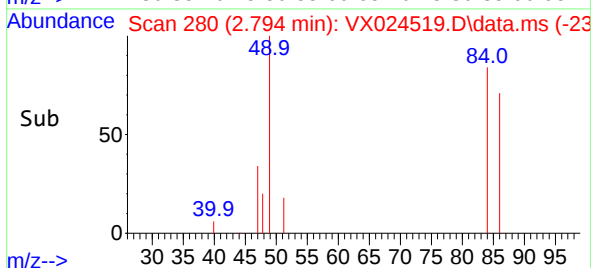
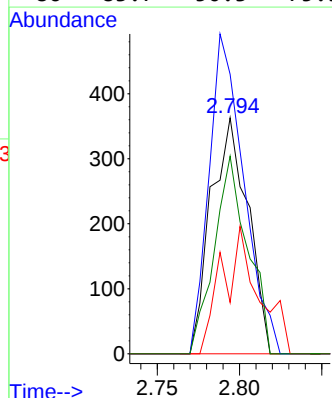
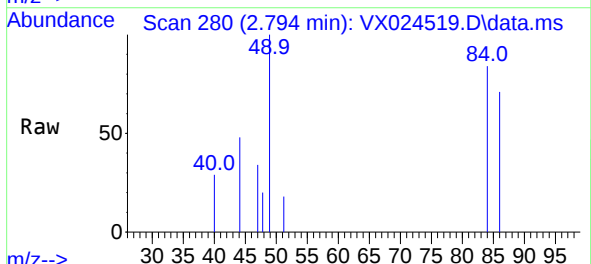
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

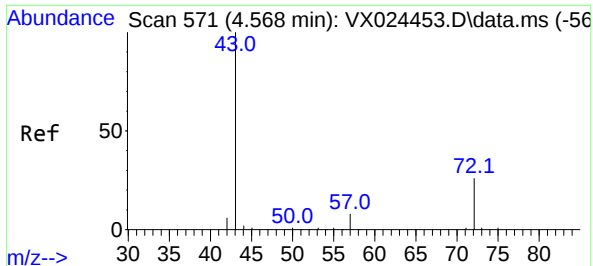
Tgt Ion: 76 Resp: 321
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 84 Resp: 565
Ion Ratio Lower Upper
84 100
49 118.5 88.6 132.8
51 21.8 27.0 40.6#
86 83.7 50.3 75.5#

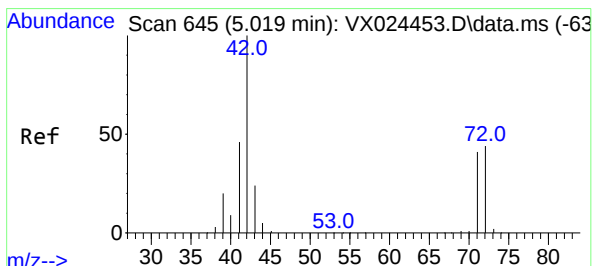
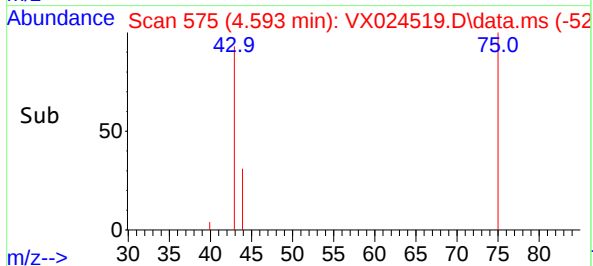
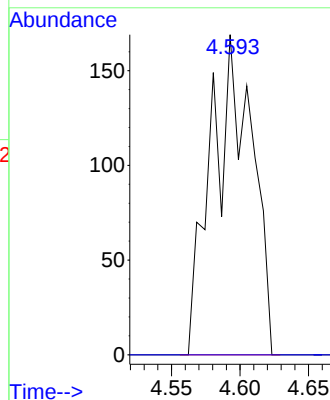
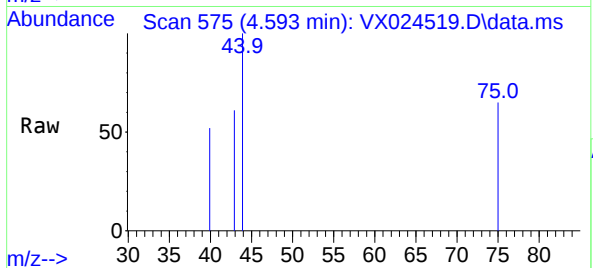




#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

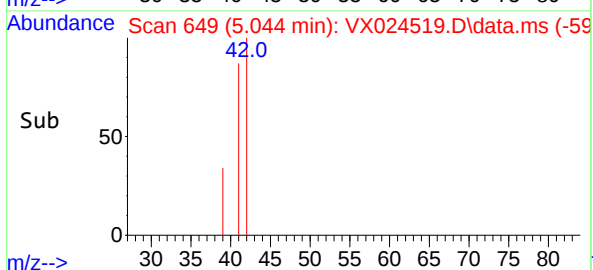
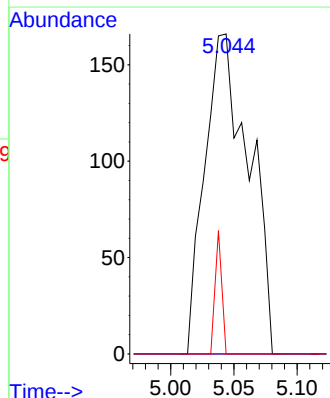
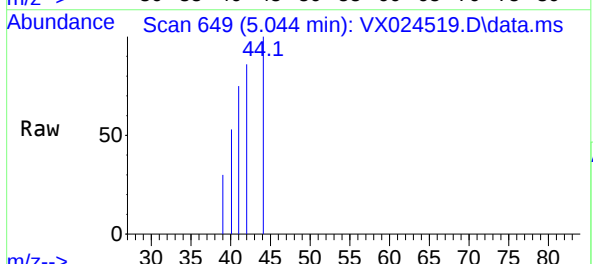
Instrument :
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ClientSampleId :
SW-RR-03-(SA)RE

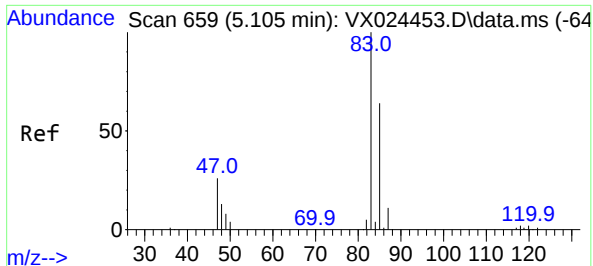
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.430 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.025 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 42 Resp: 403
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 5.7 38.4 57.6#





#30

Chloroform

Concen: 0.270 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX024519.D

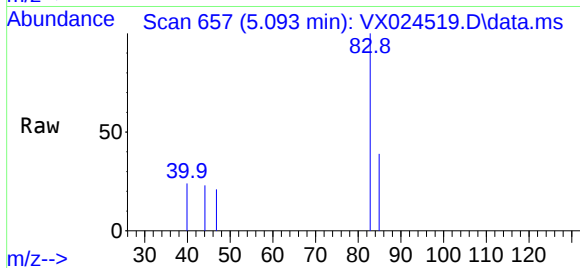
Acq: 04 Oct 2021 14:48

Tgt Ion: 83 Resp: 858

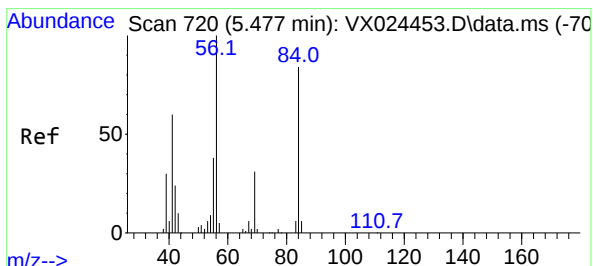
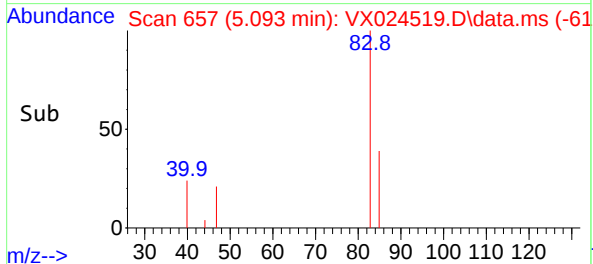
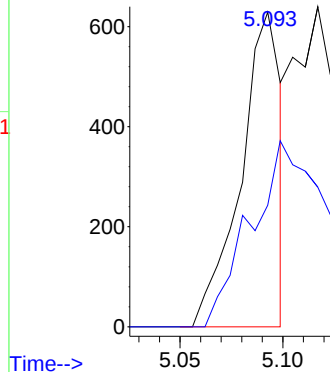
Ion Ratio Lower Upper

83 100

85 38.6 52.0 78.0#



Abundance



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 5.574 min Scan# 736

Delta R.T. 0.097 min

Lab File: VX024519.D

Acq: 04 Oct 2021 14:48

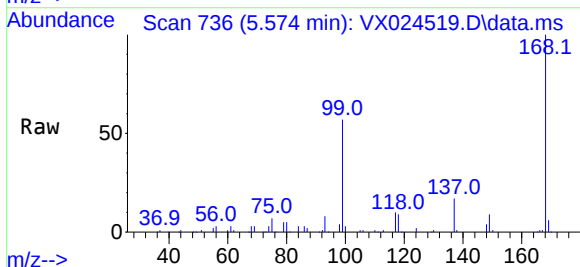
Tgt Ion: 56 Resp: 3283

Ion Ratio Lower Upper

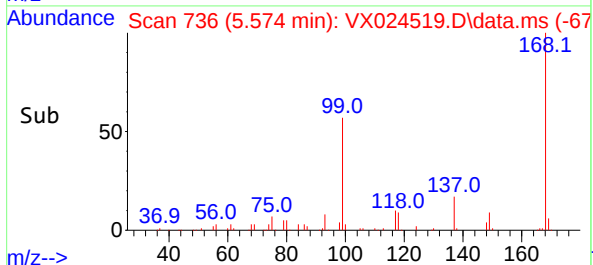
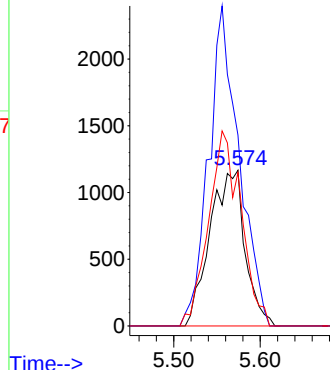
56 100

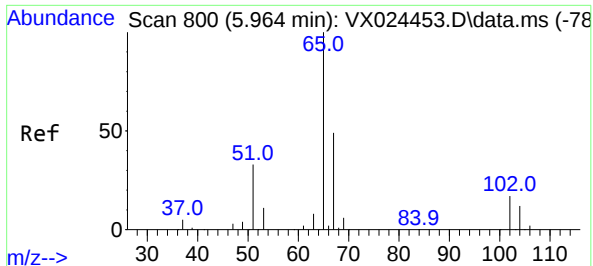
69 122.5 25.3 37.9#

84 98.5 71.4 107.0



Abundance



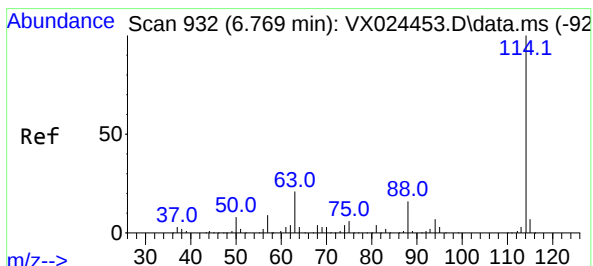
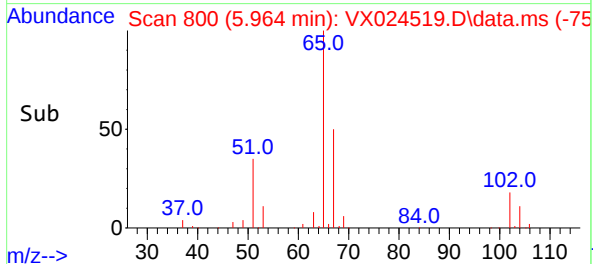
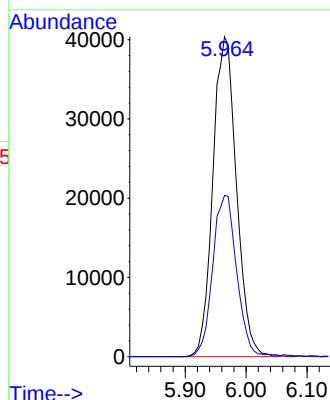
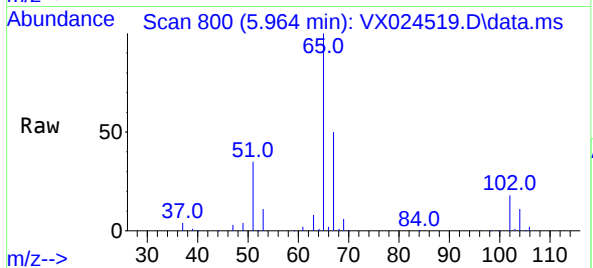


#33

1,2-Dichloroethane-d4
Concen: 50.809 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

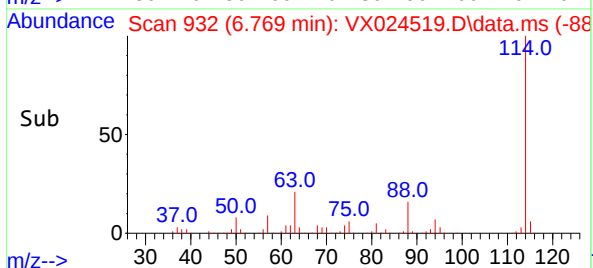
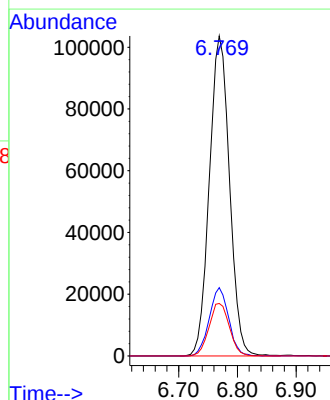
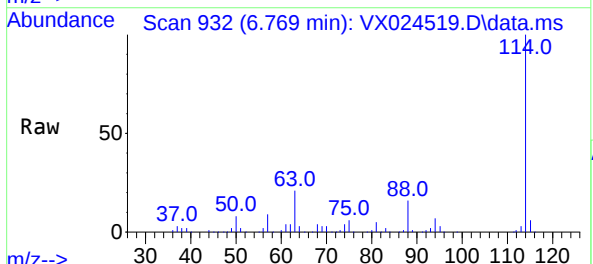
Tgt Ion: 65 Resp: 108512
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

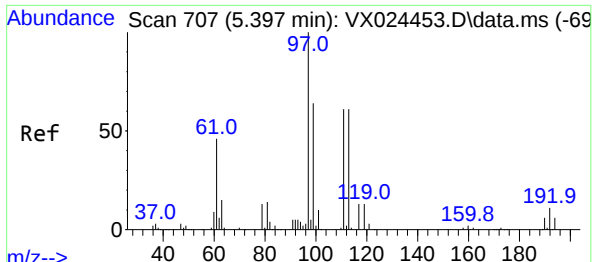


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 114 Resp: 246285
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.4 0.0 32.8

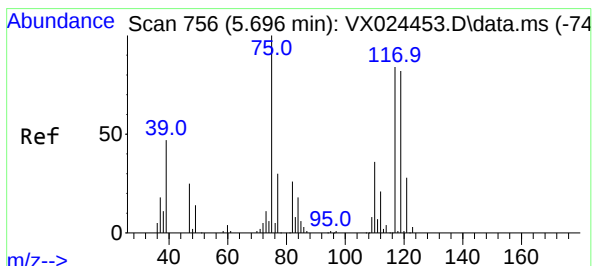
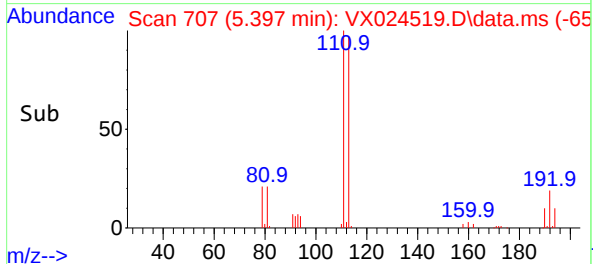
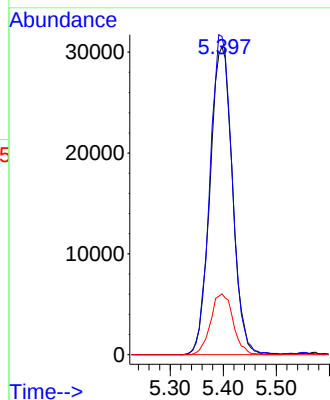
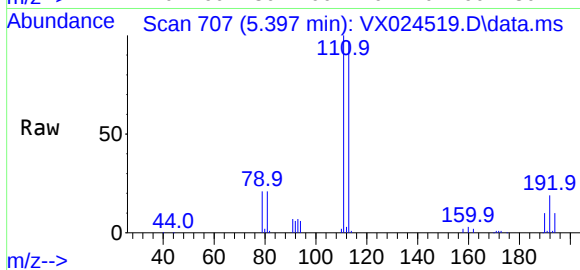




#35
Dibromofluoromethane
Concen: 54.762 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

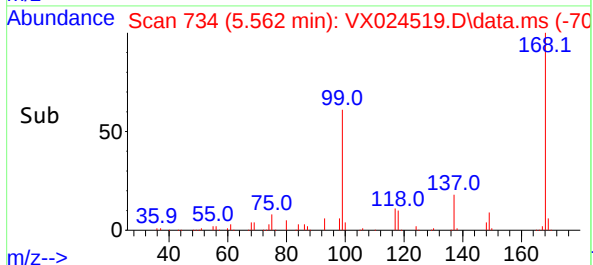
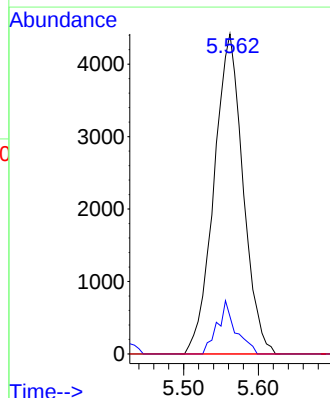
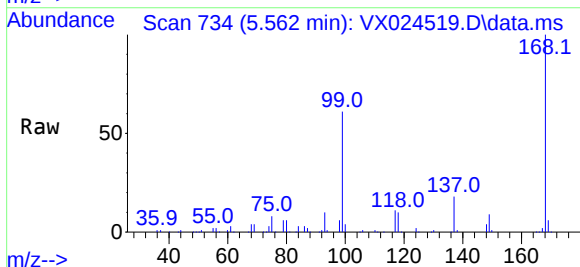
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

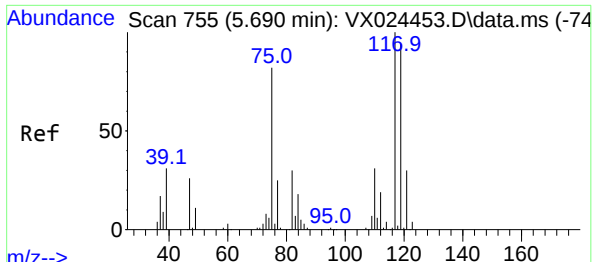
Tgt Ion:	113	Resp:	89598
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	19.8	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

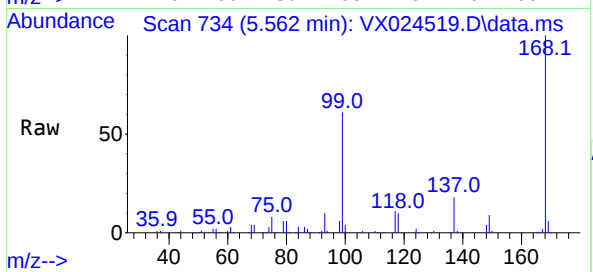
Tgt Ion:	75	Resp:	11936
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.4#
77	0.0	25.3	37.9#



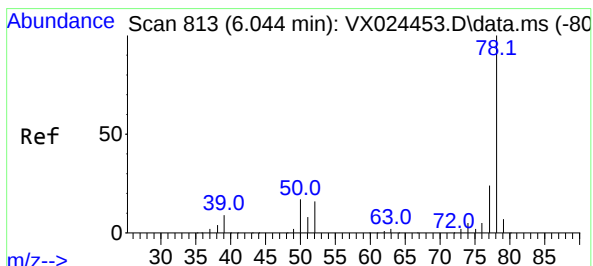
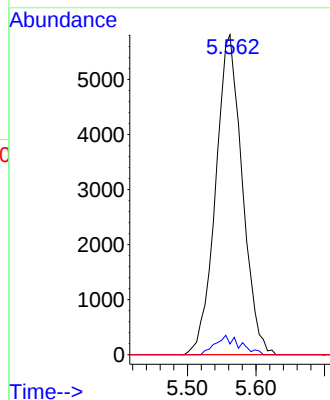
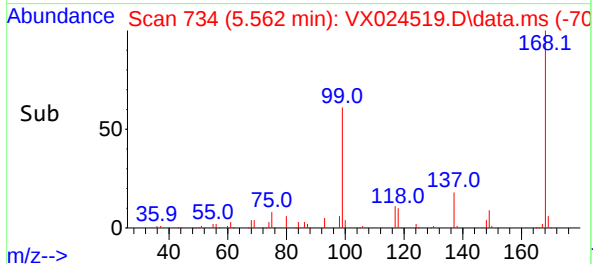


#38
Carbon Tetrachloride
Concen: 6.098 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

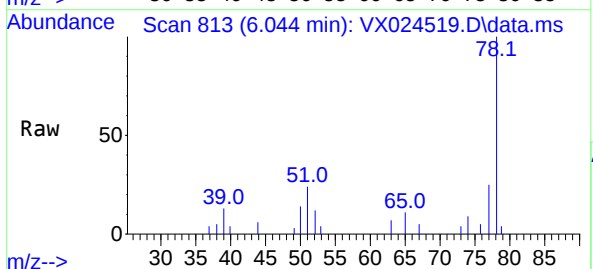
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE



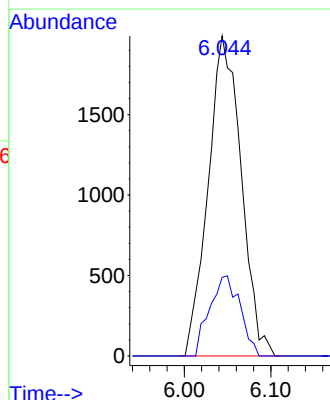
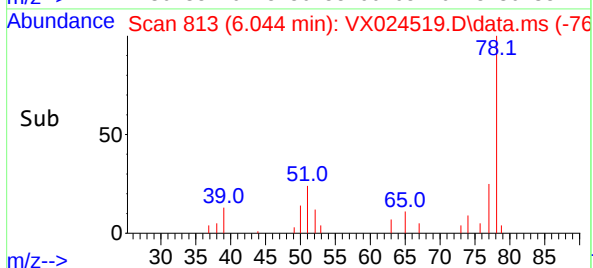
Tgt Ion:117 Resp: 15673
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

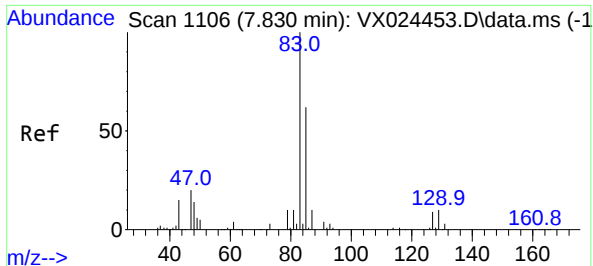


#40
Benzene
Concen: 0.780 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48



Tgt Ion: 78 Resp: 5265
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

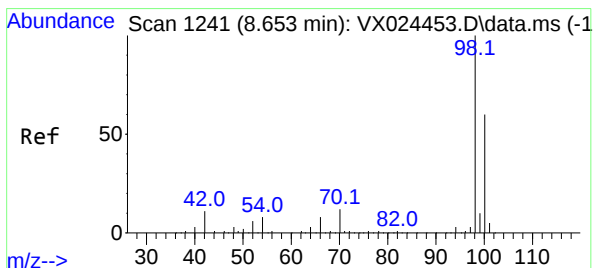
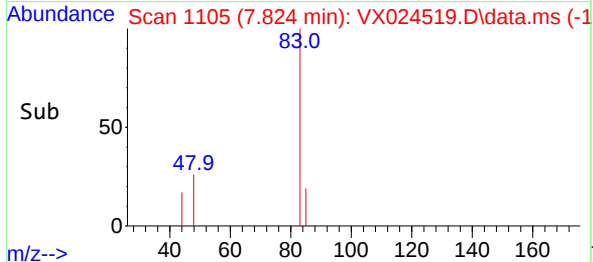
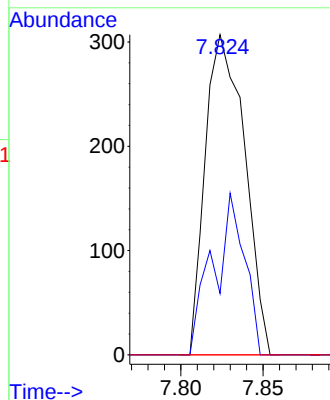
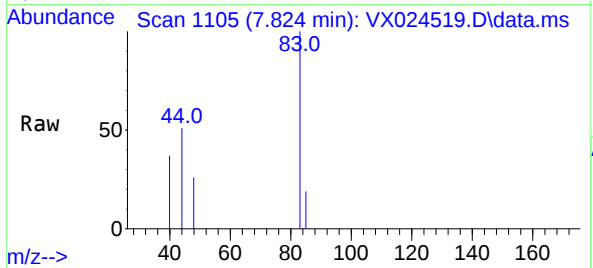




#47
Bromodichloromethane
Concen: 0.213 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

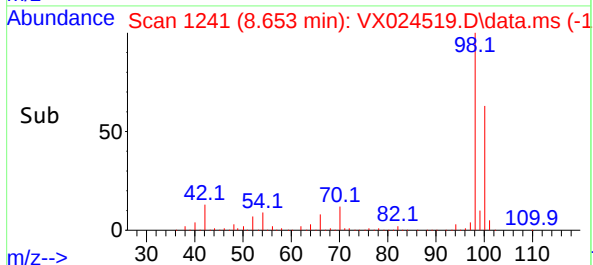
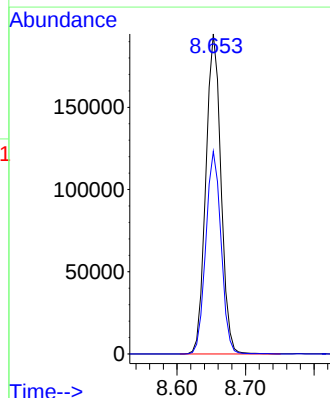
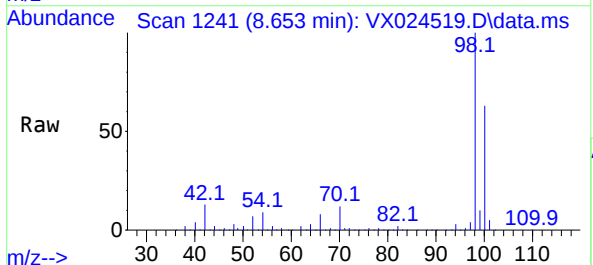
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

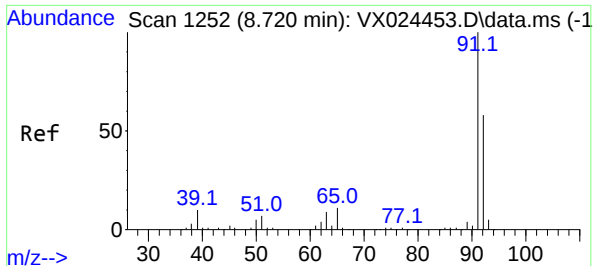
Tgt Ion: 83 Resp: 510
Ion Ratio Lower Upper
83 100
85 19.2 51.4 77.0#
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 49.729 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 98 Resp: 299460
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

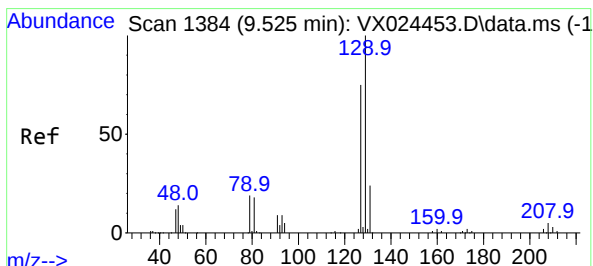
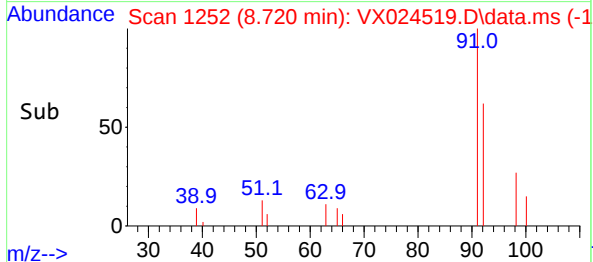
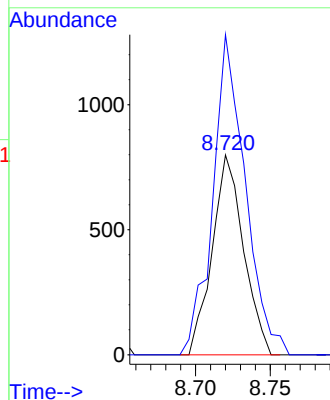
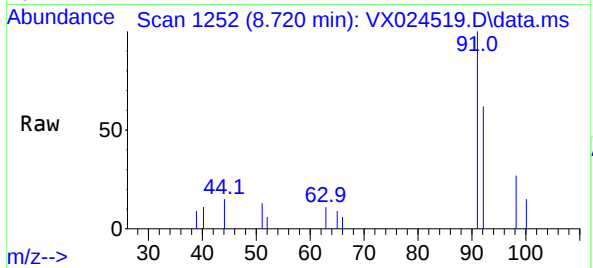




#52
Toluene
Concen: 0.267 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

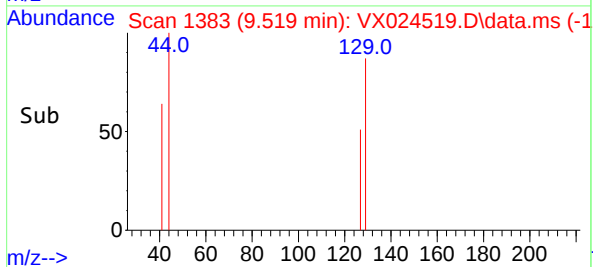
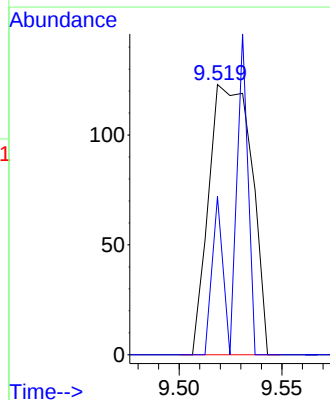
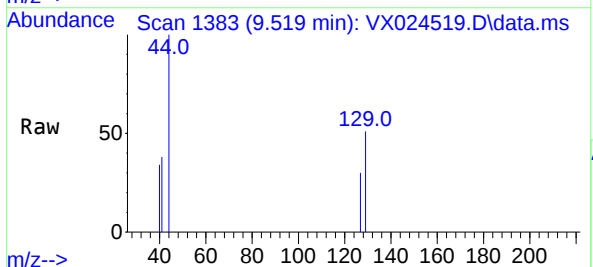
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

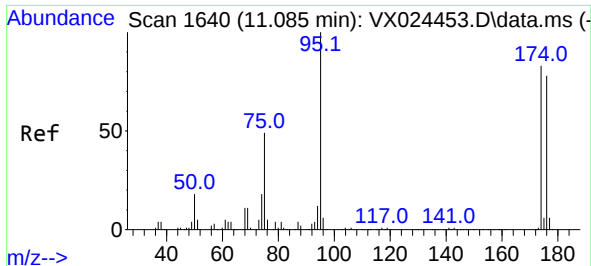
Tgt Ion: 92 Resp: 1163
Ion Ratio Lower Upper
92 100
91 166.6 137.1 205.7



#60
Dibromochloromethane
Concen: 1.272 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 129 Resp: 178
Ion Ratio Lower Upper
129 100
127 44.9 38.4 115.2

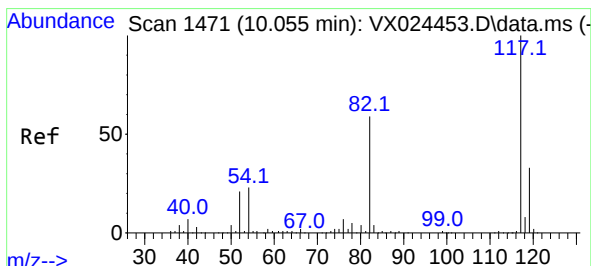
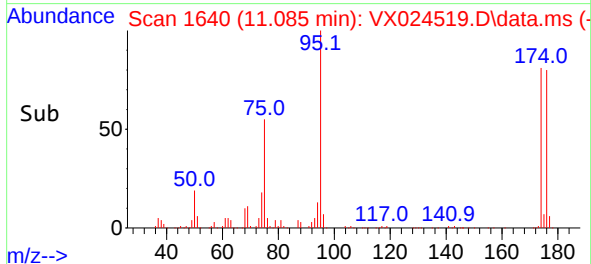
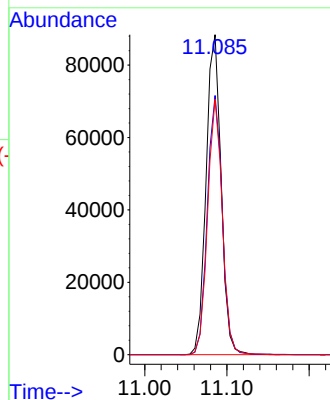
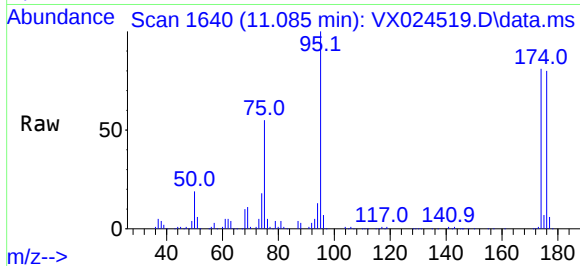




#62
4-Bromofluorobenzene
Concen: 47.388 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

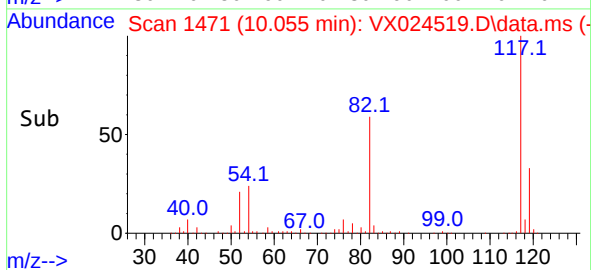
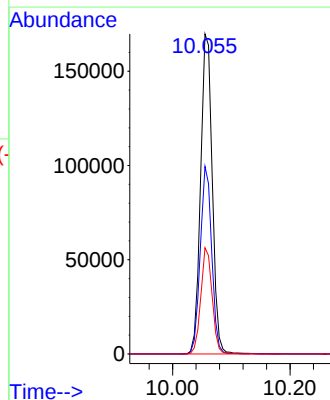
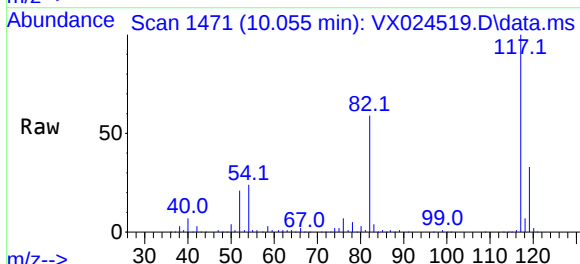
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

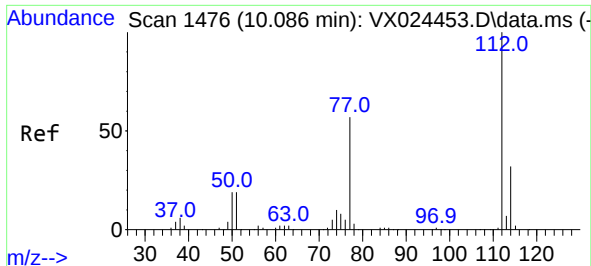
Tgt Ion: 95 Resp: 112199
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 78.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 117 Resp: 234455
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.2 26.6 39.8

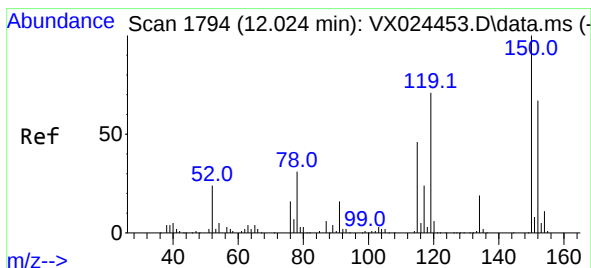
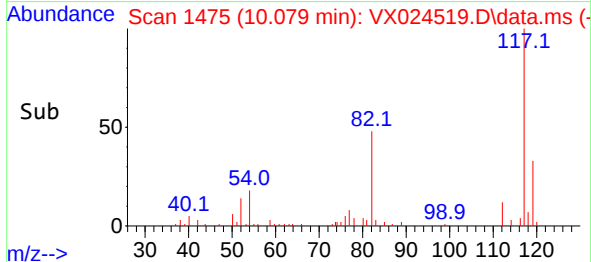
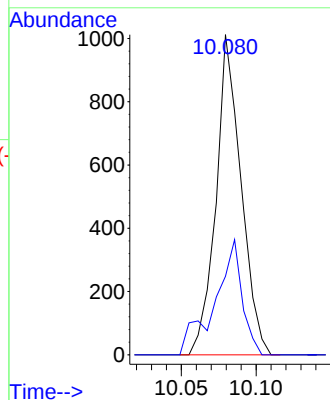
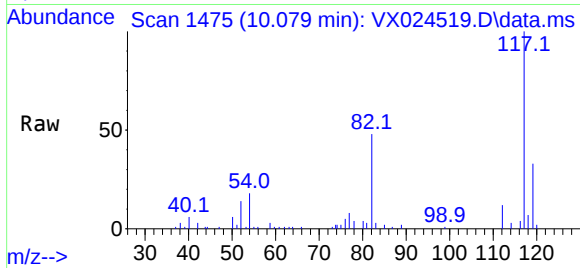




#65
Chlorobenzene
Concen: 0.241 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

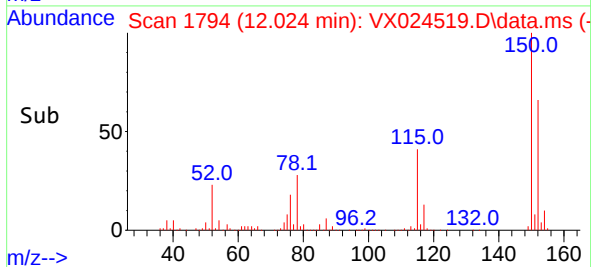
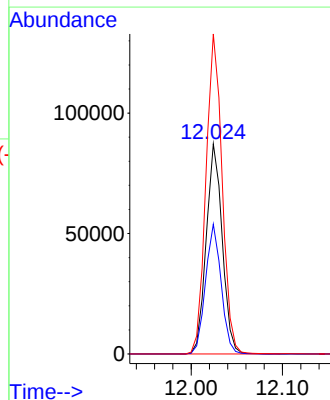
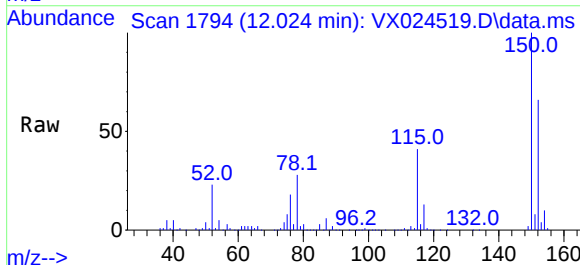
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

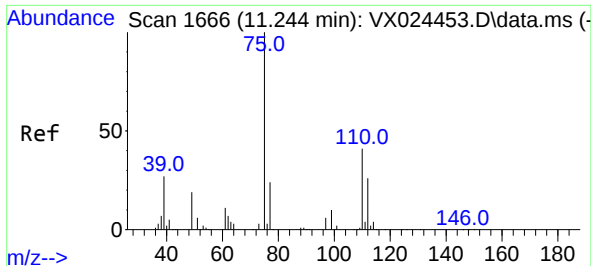
Tgt Ion:112 Resp: 1177
Ion Ratio Lower Upper
112 100
114 24.5 25.8 38.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion:152 Resp: 105824
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 153.6 0.0 349.0

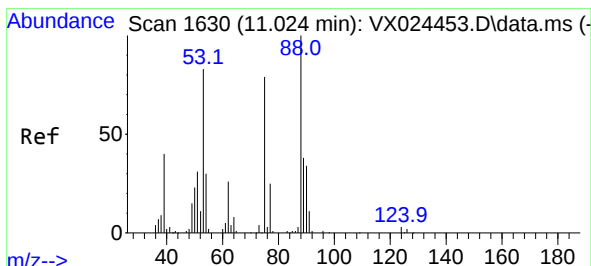
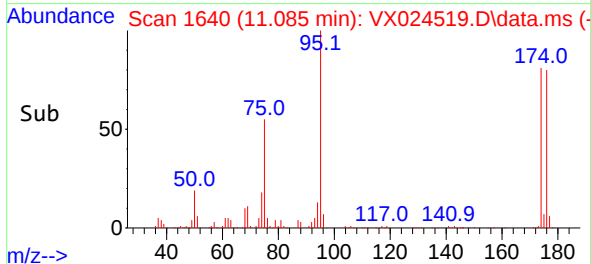
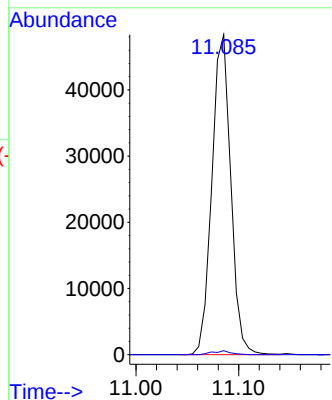
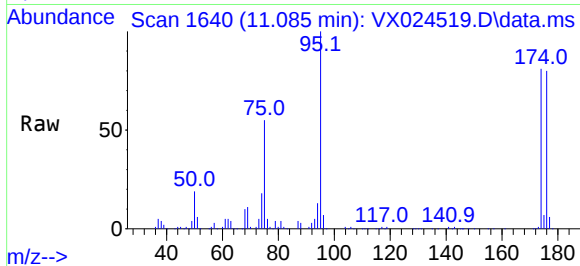




#76
1,2,3-Trichloropropane
Concen: 25.624 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

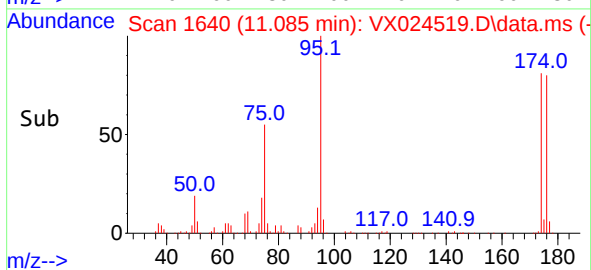
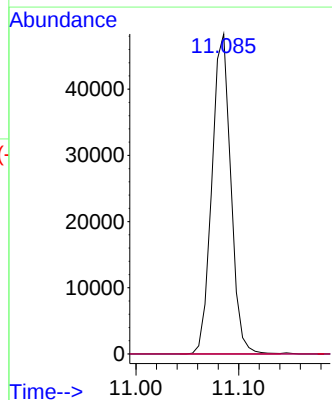
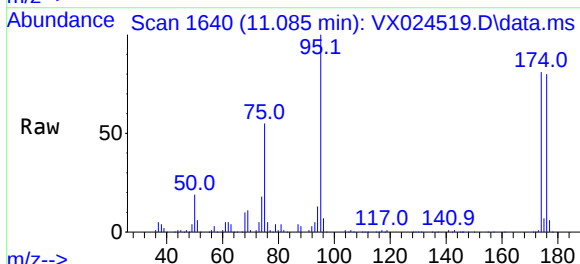
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

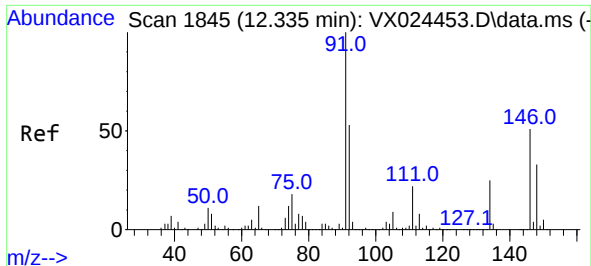
Tgt Ion: 75 Resp: 61579
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.827 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion: 75 Resp: 61579
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



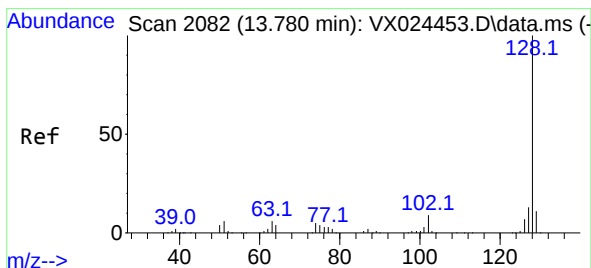
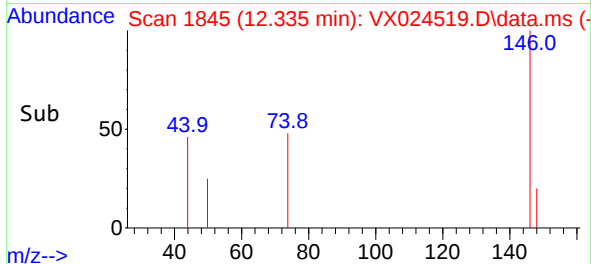
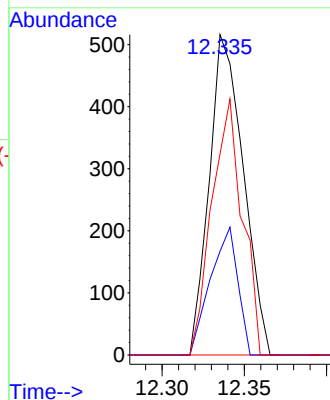
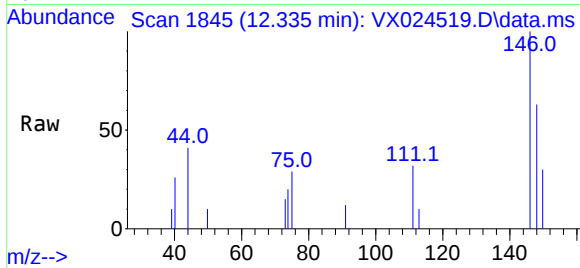


#91
1,2-Dichlorobenzene
Concen: 0.205 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)RE

Tgt Ion:146 Resp: 742

Ion	Ratio	Lower	Upper
146	100		
111	32.1	20.8	62.2
148	71.6	31.9	95.5



#95
Naphthalene
Concen: 0.645 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024519.D
Acq: 04 Oct 2021 14:48

Tgt Ion:128 Resp: 4764

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.9	8.8	13.2

