

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110421\
 Data File : VW020754.D
 Acq On : 04 Nov 2021 10:13
 Operator : SY/VA
 Sample : VSTD05010
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 17:04:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 04 17:00:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	197440	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	175321	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	94556	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	101852	38.544	ug/L	0.00
7) Chloroethane-d5	2.879	69	59493	55.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	227917	45.797	ug/L	0.00
21) 2-Butanone-d5	7.074	46	69368	78.642	ug/L	0.00
24) Chloroform-d	7.647	84	257404	44.888	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	138713	41.468	ug/L	0.00
32) Benzene-d6	8.275	84	493867	47.683	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	152085	45.508	ug/L	0.00
41) Toluene-d8	10.323	98	481949	51.395	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	73541	50.780	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	54676	91.512	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	111942	40.979	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	169128	50.132	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	38538	33.219	ug/L	99
3) Chloromethane	2.215	50	91095	36.961	ug/L	99
5) Vinyl chloride	2.361	62	141048	44.517	ug/L	100
6) Bromomethane	2.776	94	64957	52.827	ug/L	97
8) Chloroethane	2.922	64	50250	56.233	ug/L	97
9) Trichlorofluoromethane	3.257	101	75930	55.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	127451	48.930	ug/L	94
12) 1,1-Dichloroethene	4.038	96	124535	52.348	ug/L	89
13) Acetone	4.123	43	49505	69.457	ug/L	97
14) Carbon disulfide	4.385	76	395878	51.072	ug/L	100
15) Methyl Acetate	4.672	43	50263	34.113	ug/L	99
16) Methylene chloride	4.916	84	116556	35.023	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	130923	50.447	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	168915	44.589	ug/L	97
19) 1,1-Dichloroethane	6.214	63	230174	43.794	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	133407	50.035	ug/L #	84
22) 2-Butanone	7.171	43	69407	71.139	ug/L	95
23) Bromochloromethane	7.519	128	58970	48.146	ug/L #	78
25) Chloroform	7.677	83	231380	44.815	ug/L	98
27) 1,2-Dichloroethane	8.403	62	148269	40.628	ug/L	97
29) Cyclohexane	7.958	56	237265	52.411	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	202510	51.806	ug/L	96
31) Carbon tetrachloride	8.074	117	192744	54.919	ug/L	99
33) Benzene	8.323	78	511533	45.771	ug/L	100
34) Trichloroethene	9.092	95	139267	51.268	ug/L	96
35) Methylcyclohexane	9.336	83	241153	52.050	ug/L	94
37) 1,2-Dichloropropane	9.372	63	124746	44.376	ug/L	98
38) Bromodichloromethane	9.646	83	170786	49.005	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	204958	51.556	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152513	81.944	ug/L	97
42) Toluene	10.390	91	559713	50.800	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	179983	50.186	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110421\
 Data File : VW020754.D
 Acq On : 04 Nov 2021 10:13
 Operator : SY/VA
 Sample : VSTD05010
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 17:04:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 04 17:00:42 2021
 Response via : Initial Calibration

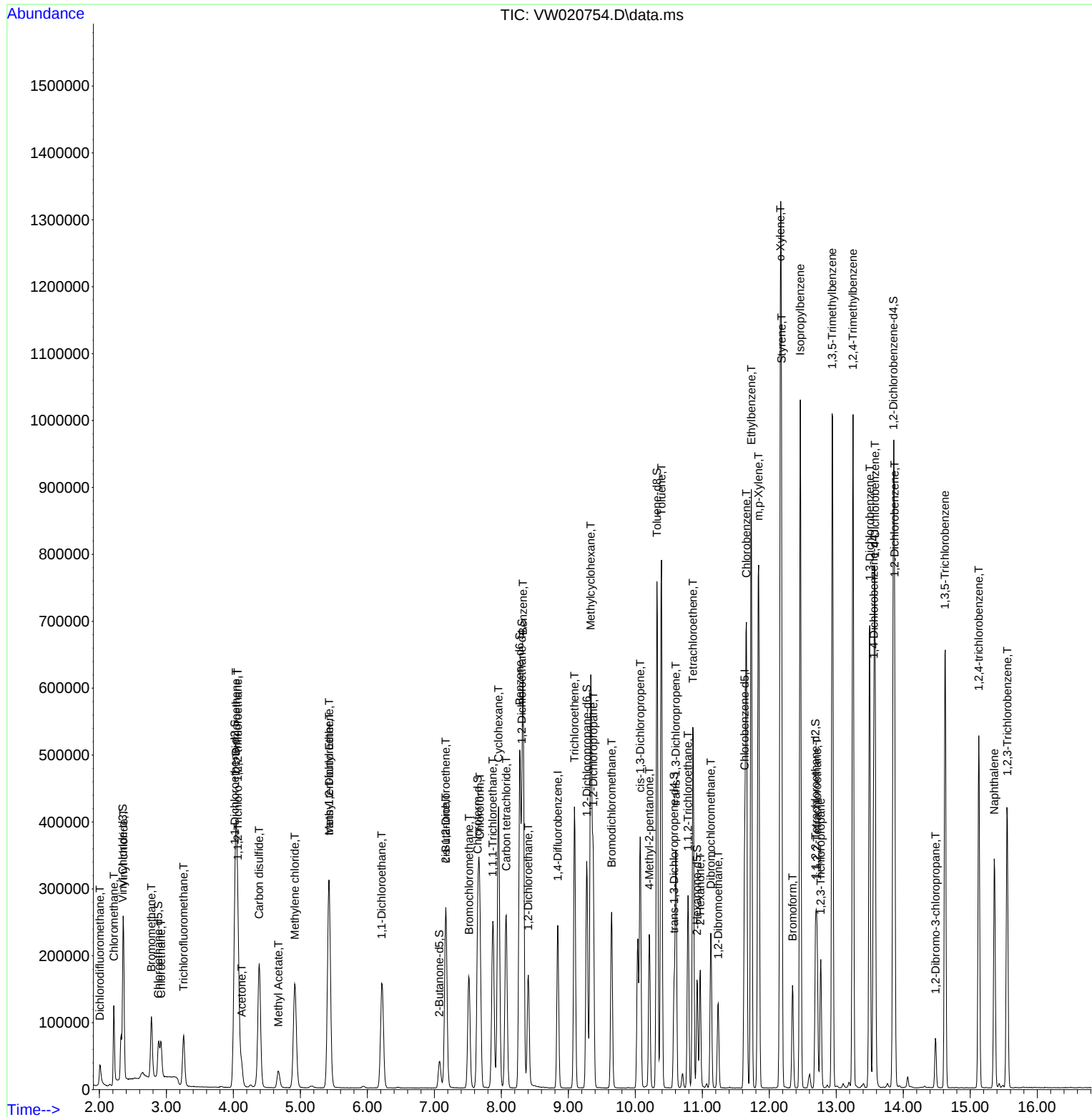
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	84854	44.150	ug/L	98
46) Tetrachloroethene	10.860	164	120297	57.560	ug/L	96
48) 2-Hexanone	10.969	43	110858	80.248	ug/L	98
49) Dibromochloromethane	11.128	129	116849	54.104	ug/L	98
50) 1,2-Dibromoethane	11.238	107	84375	46.960	ug/L #	94
51) Chlorobenzene	11.658	112	346661	50.364	ug/L	96
52) Ethylbenzene	11.731	91	617302	51.313	ug/L	97
53) m,p-Xylene	11.841	106	246211	55.126	ug/L	91
54) o-Xylene	12.164	106	230671	55.537	ug/L	90
55) Styrene	12.183	104	395375	54.640	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	98134	40.463	ug/L #	97
59) Bromoform	12.347	173	70684	52.987	ug/L	98
60) Isopropylbenzene	12.463	105	642002	53.374	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	73580	37.255	ug/L	96
62) 1,3,5-Trimethylbenzene	12.939	105	546767	55.746	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	535720	54.834	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	275003	51.245	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	281627	50.874	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	242385	50.553	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18242	40.778	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.621	180	210806	55.390	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	166482	54.607	ug/L	97
71) Naphthalene	15.359	128	292212	51.384	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	145646	53.399	ug/L	97

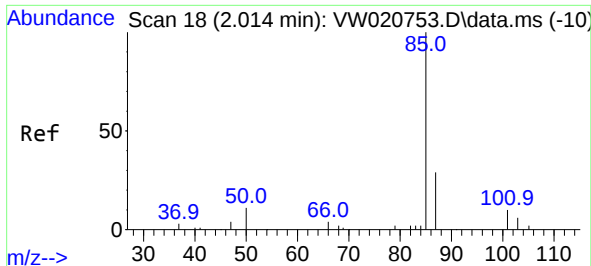
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110421\
 Data File : VW020754.D
 Acq On : 04 Nov 2021 10:13
 Operator : SY/VA
 Sample : VSTD05010
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 17:04:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 04 17:00:42 2021
 Response via : Initial Calibration

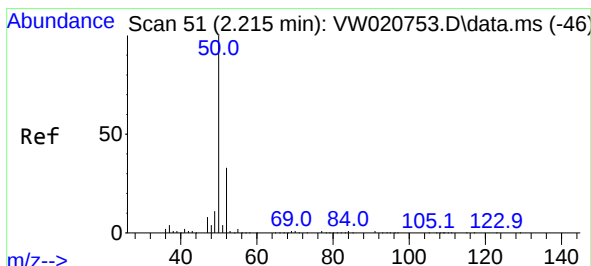
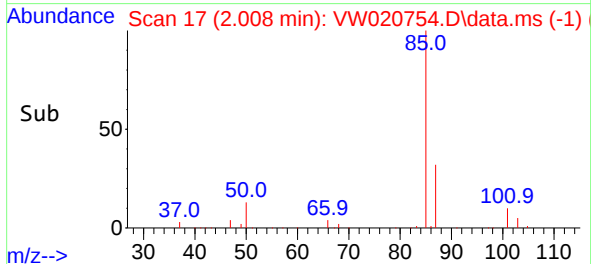
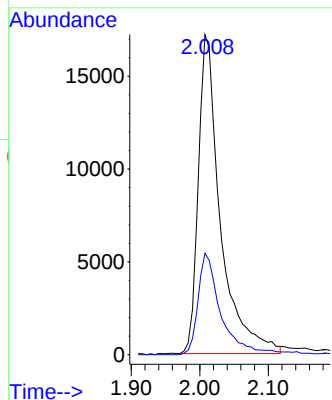
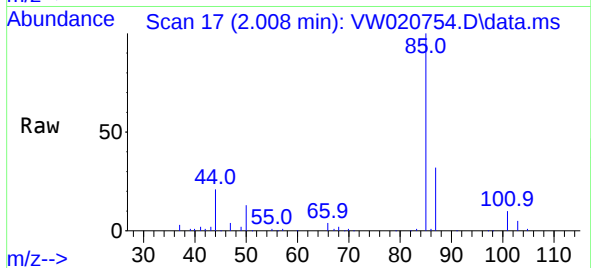




#2
Dichlorodifluoromethane
Concen: 33.219 ug/L
RT: 2.008 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

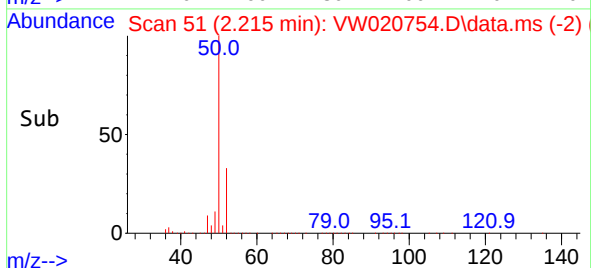
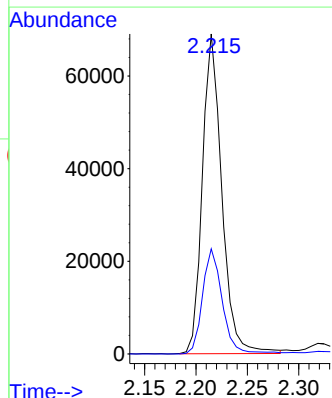
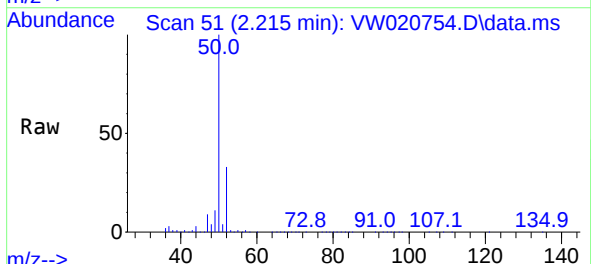
Instrument :
MSVOA_W
ClientSampleId :

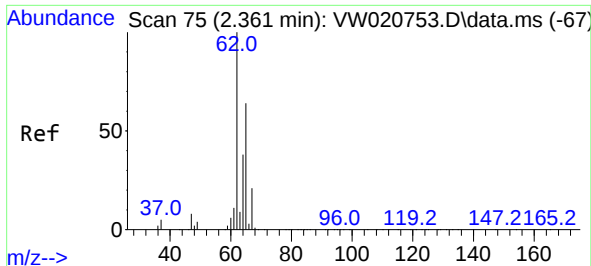
Tgt Ion: 85 Resp: 38538
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.6



#3
Chloromethane
Concen: 36.961 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 50 Resp: 91095
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.6

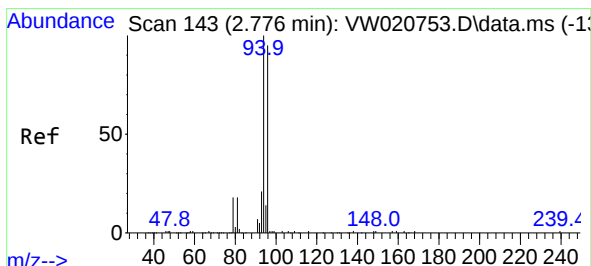
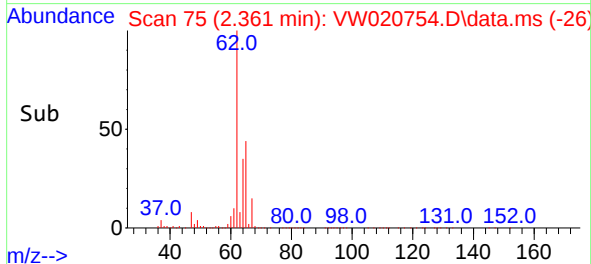
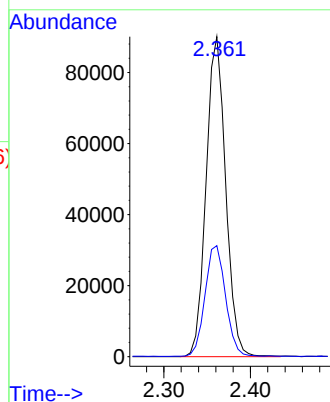
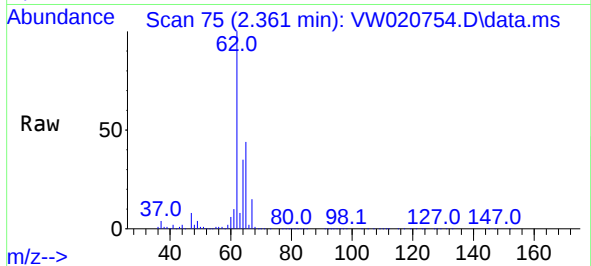




#5
 Vinyl chloride
 Concen: 44.517 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020754.D
 Acq: 04 Nov 2021 10:13

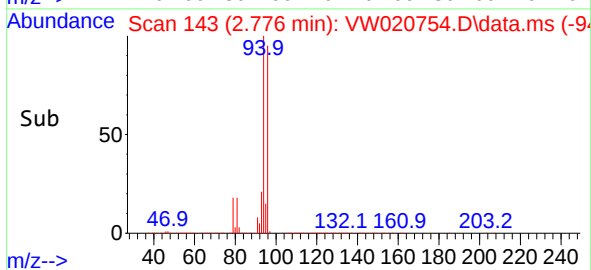
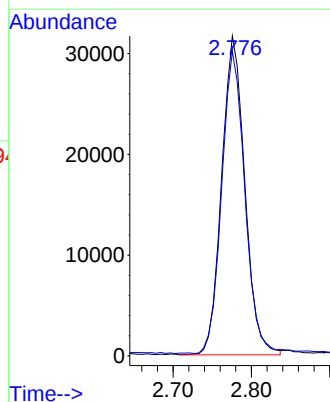
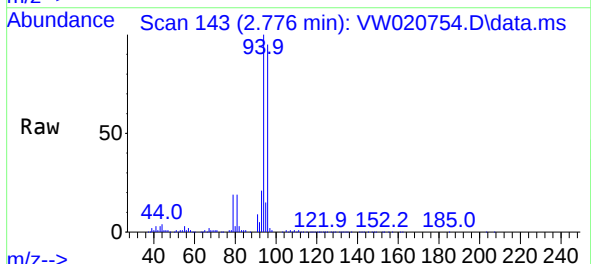
Instrument :
 MSVOA_W
 ClientSampleId :

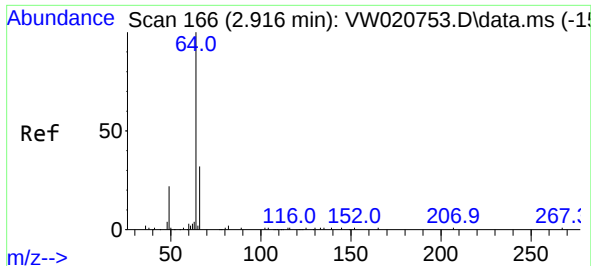
Tgt Ion: 62 Resp: 141048
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.4 45.2



#6
 Bromomethane
 Concen: 52.827 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW020754.D
 Acq: 04 Nov 2021 10:13

Tgt Ion: 94 Resp: 64957
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.8 120.4

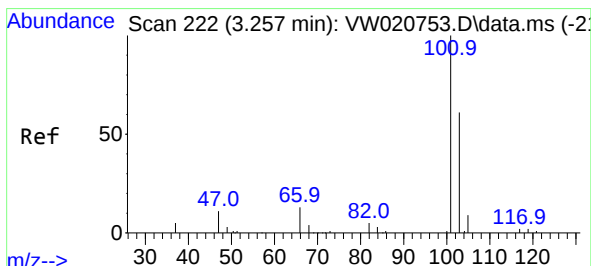
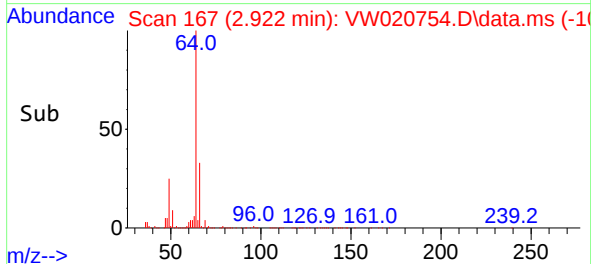
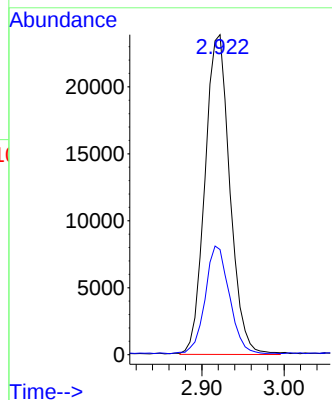
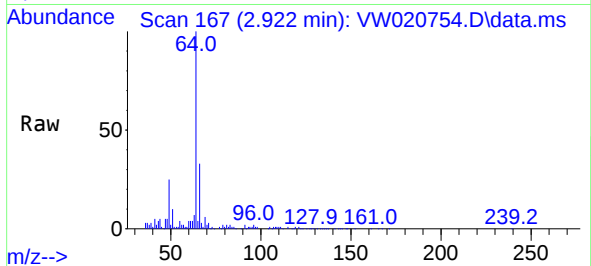




#8
Chloroethane
Concen: 56.233 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

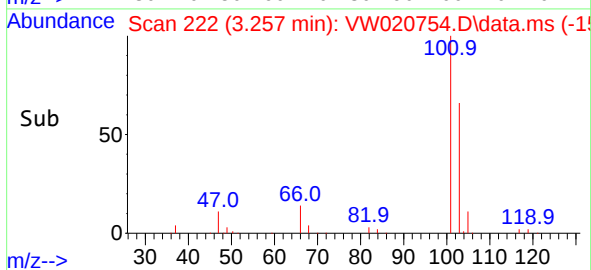
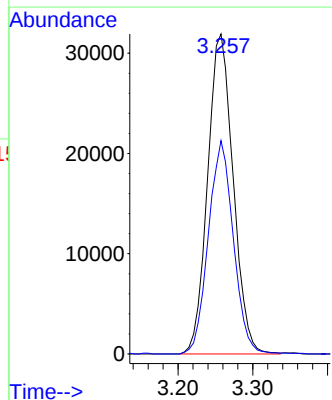
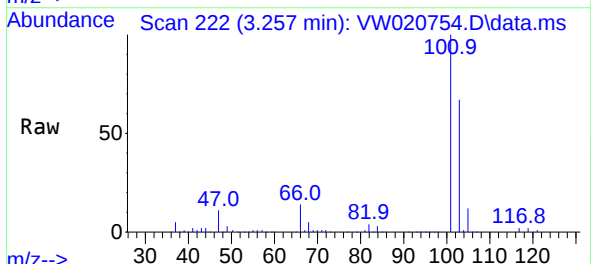
Instrument :
MSVOA_W
ClientSampleId :

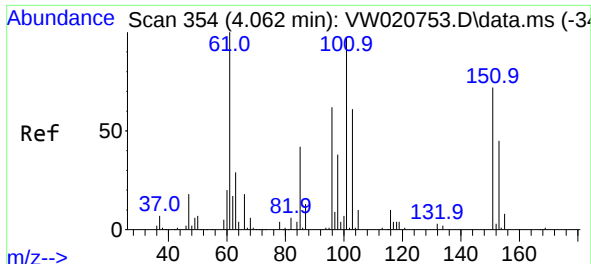
Tgt Ion: 64 Resp: 50250
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 55.780 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion:101 Resp: 75930
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

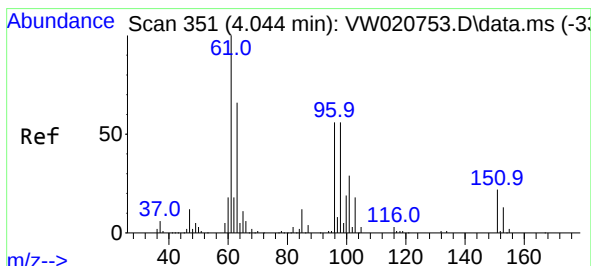
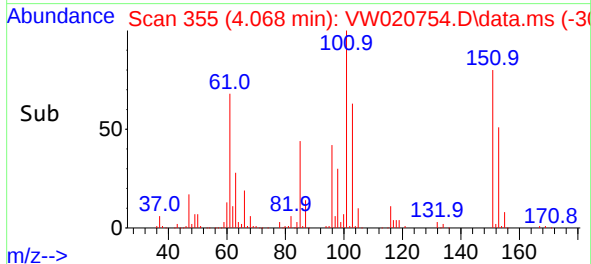
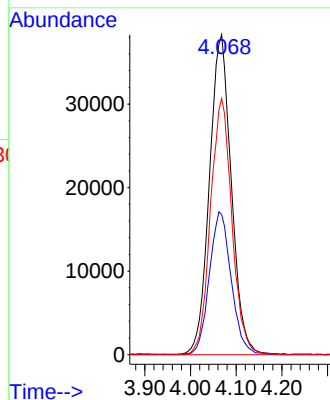
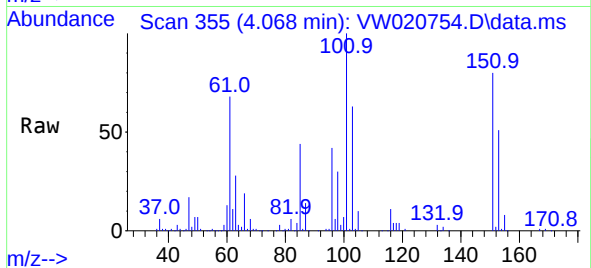




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.930 ug/L
RT: 4.068 min Scan# 310
Delta R.T. 0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

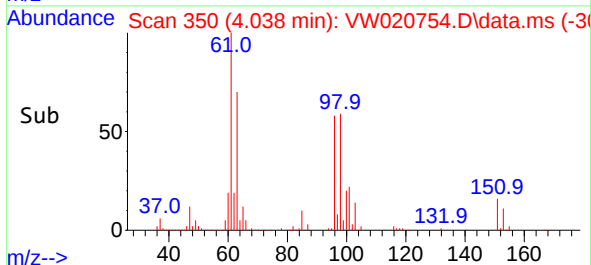
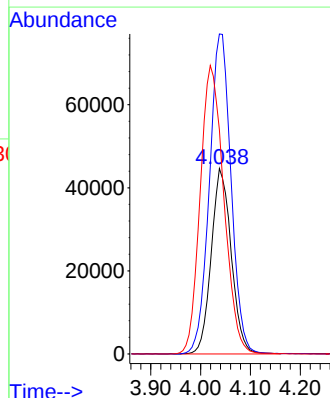
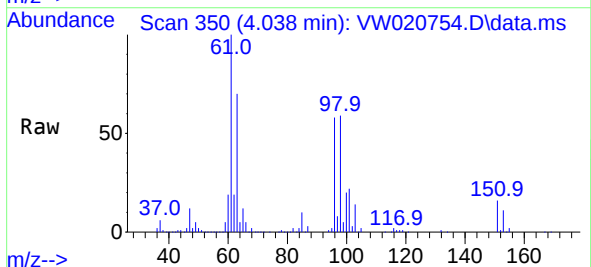
Instrument :
MSVOA_W
ClientSampleId :

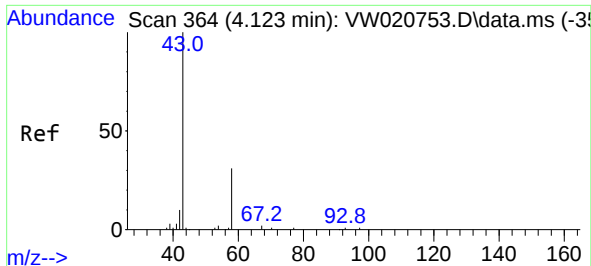
Tgt Ion:101 Resp: 127451
Ion Ratio Lower Upper
101 100
85 44.5 36.6 54.8
151 78.2 57.4 86.0



#12
1,1-Dichloroethene
Concen: 52.348 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 96 Resp: 124535
Ion Ratio Lower Upper
96 100
61 172.5 138.3 256.9
63 120.9 82.6 153.4

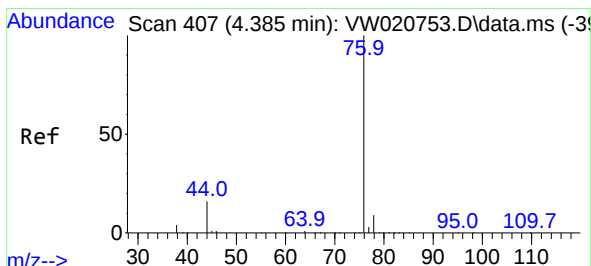
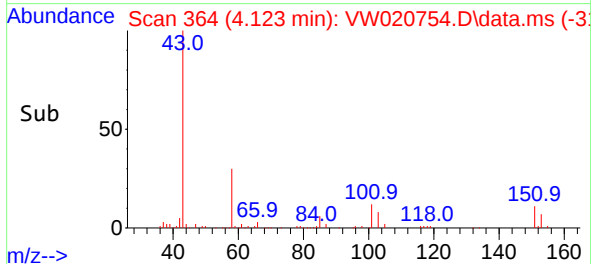
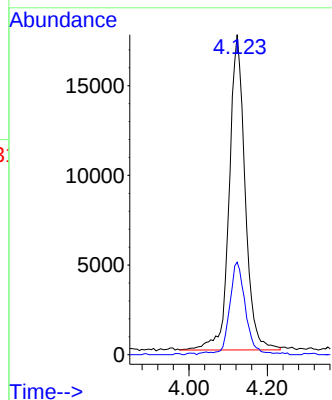
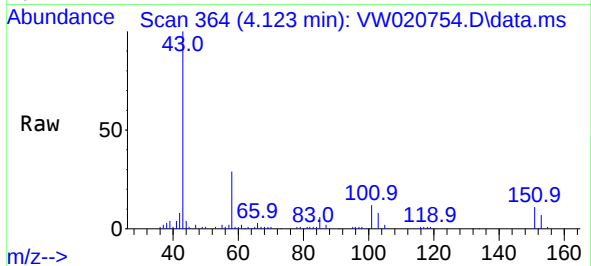




#13
Acetone
Concen: 69.457 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

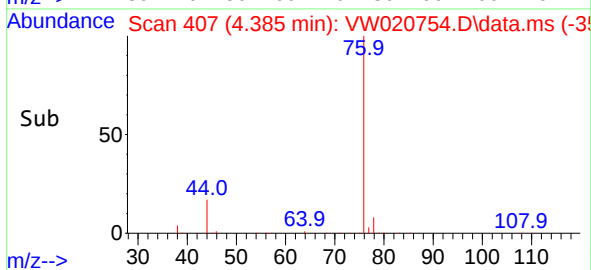
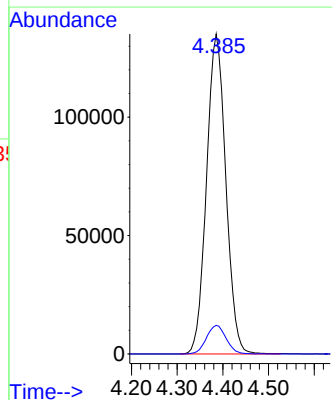
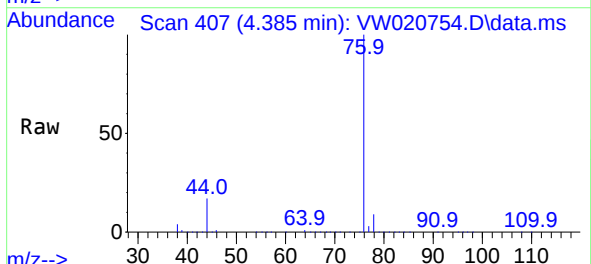
Instrument :
MSVOA_W
ClientSampleId :

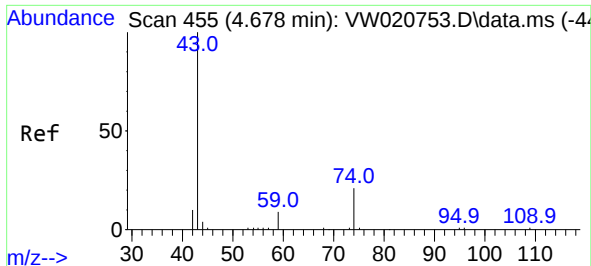
Tgt Ion: 43 Resp: 49505
Ion Ratio Lower Upper
43 100
58 28.0 0.0 52.8



#14
Carbon disulfide
Concen: 51.072 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 76 Resp: 395878
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

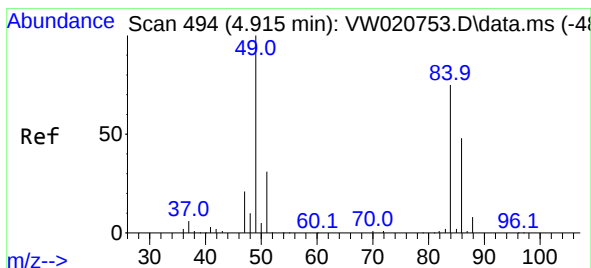
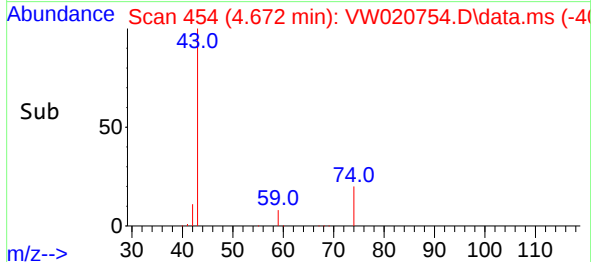
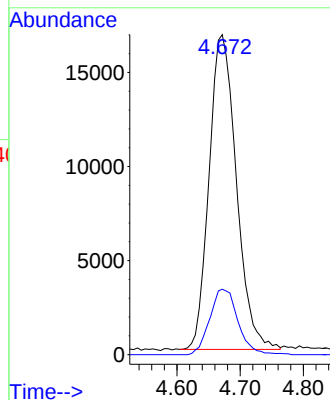
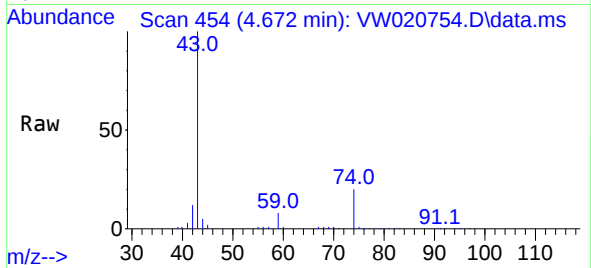




#15
Methyl Acetate
Concen: 34.113 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

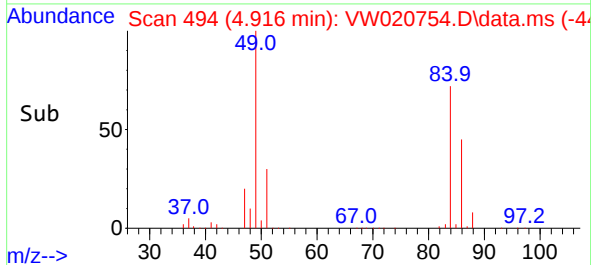
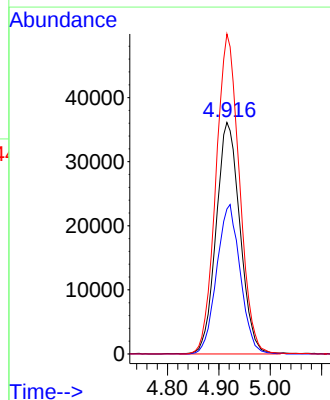
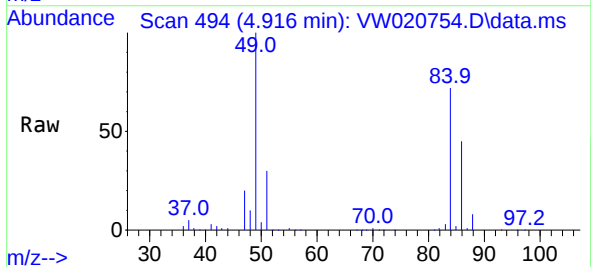
Instrument :
MSVOA_W
ClientSampleId :

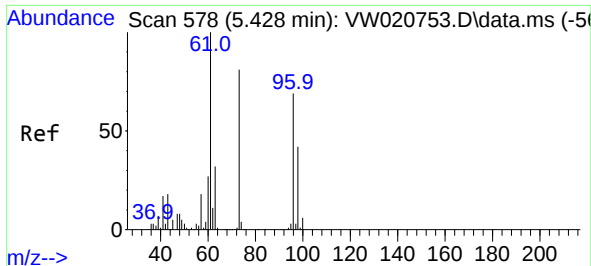
Tgt Ion: 43 Resp: 50263
Ion Ratio Lower Upper
43 100
74 21.2 16.4 24.6



#16
Methylene chloride
Concen: 35.023 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 84 Resp: 116556
Ion Ratio Lower Upper
84 100
86 62.6 45.5 84.5
49 138.2 100.5 186.7

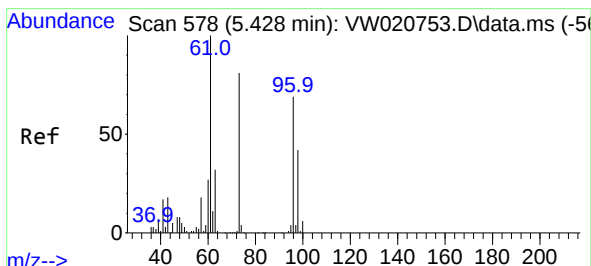
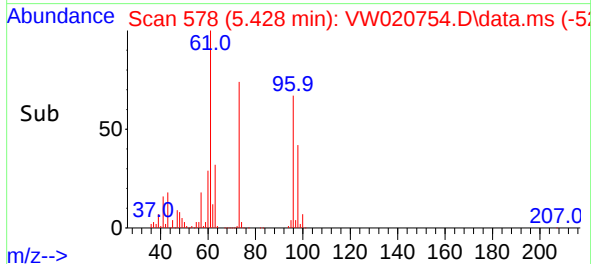
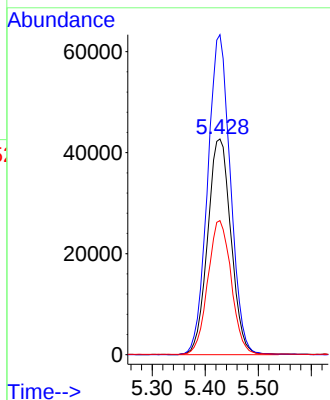
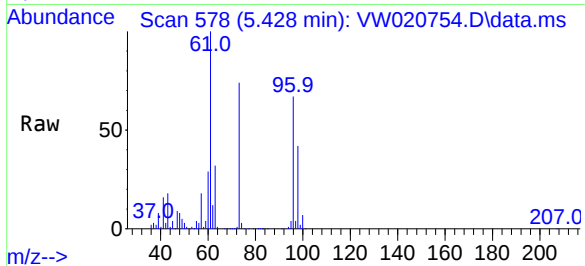




#17
trans-1,2-Dichloroethene
Concen: 50.447 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

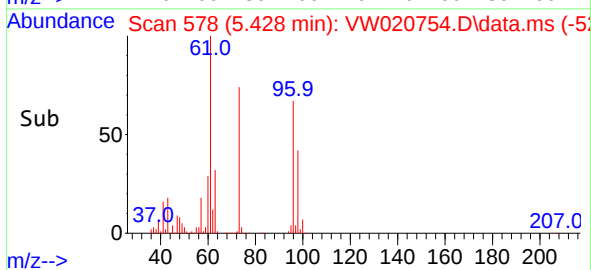
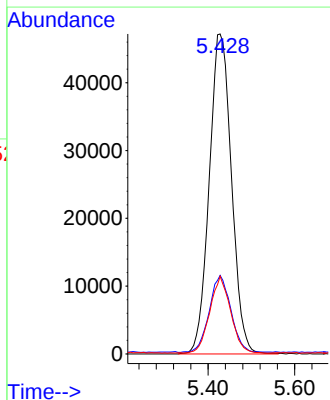
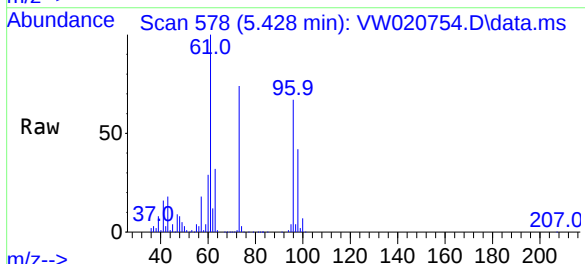
Instrument :
MSVOA_W
ClientSampleId :

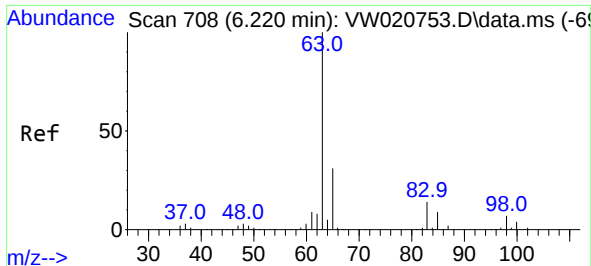
Tgt Ion: 96 Resp: 130923
Ion Ratio Lower Upper
96 100
61 148.3 107.4 199.4
98 62.2 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 44.589 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 73 Resp: 168915
Ion Ratio Lower Upper
73 100
43 23.0 19.5 29.3
57 22.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 43.794 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

Instrument :

MSVOA_W

ClientSampleId :

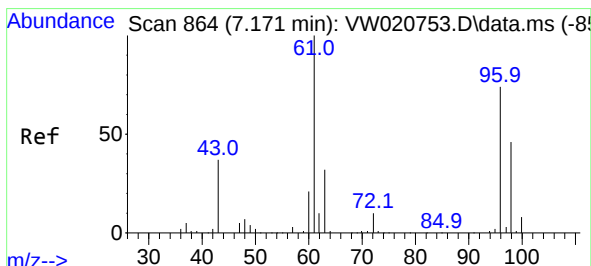
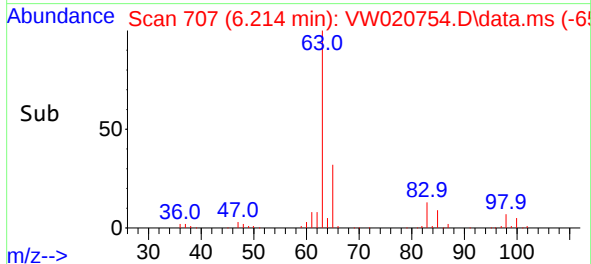
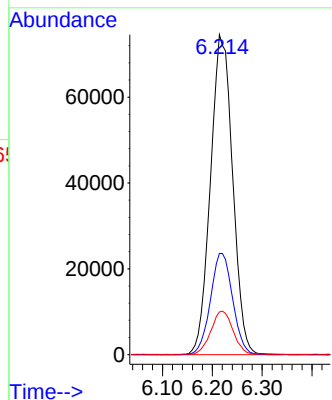
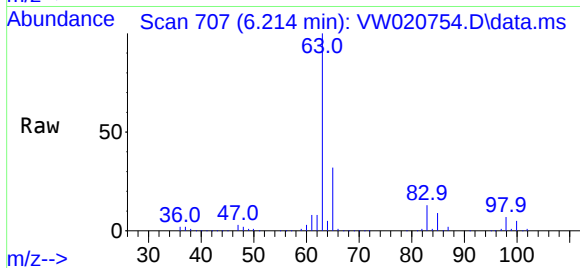
Tgt Ion: 63 Resp: 230174

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 13.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 50.035 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

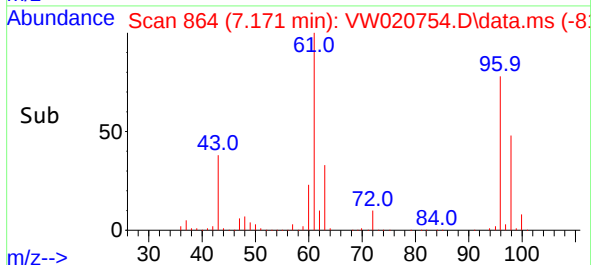
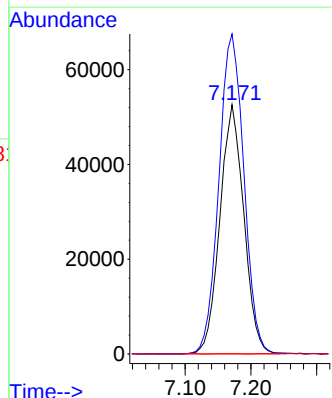
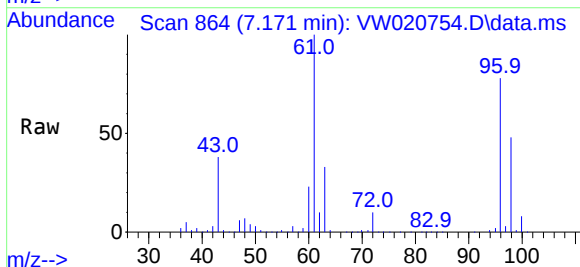
Tgt Ion: 96 Resp: 133407

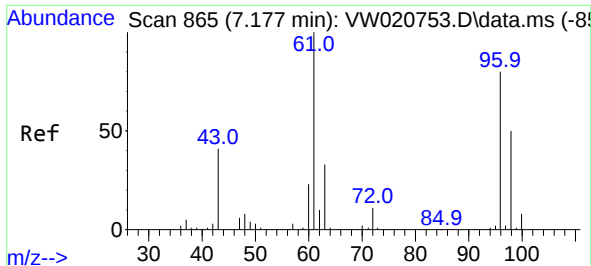
Ion Ratio Lower Upper

96 100

61 128.3 103.7 192.7

68 0.1 0.0 0.0#

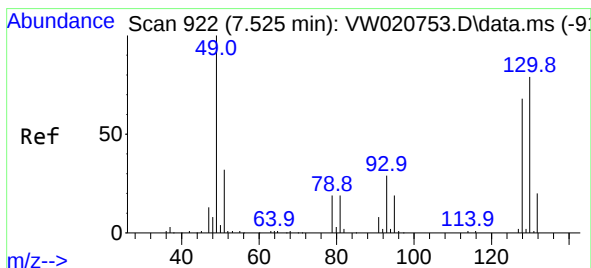
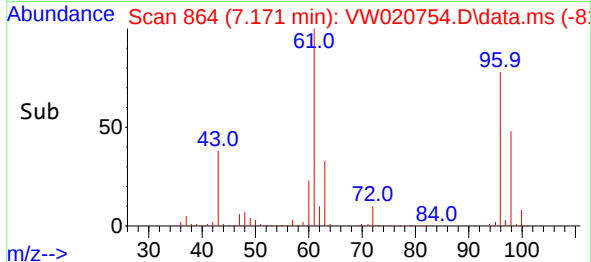
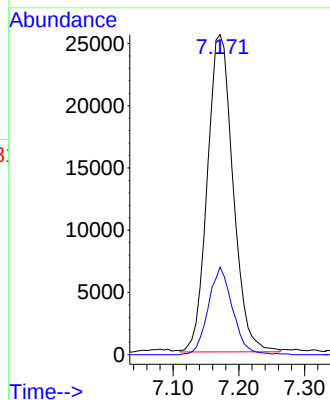
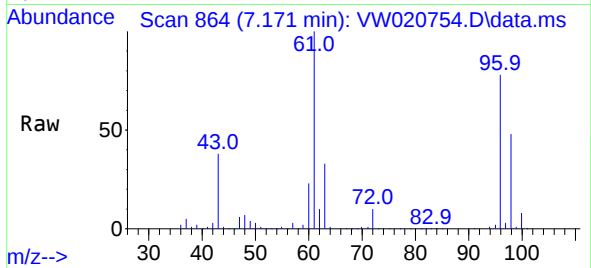




#22
2-Butanone
Concen: 71.139 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

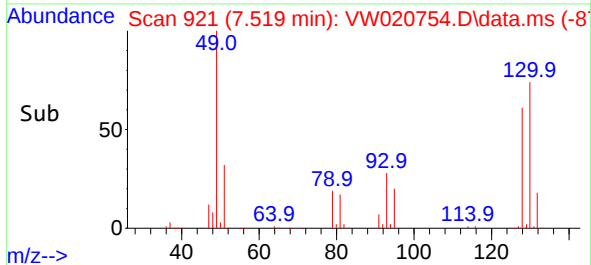
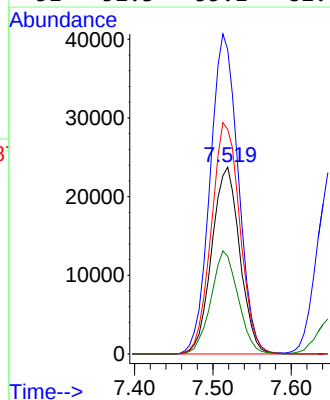
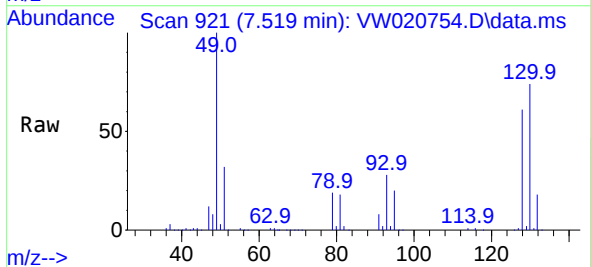
Instrument :
MSVOA_W
ClientSampleId :

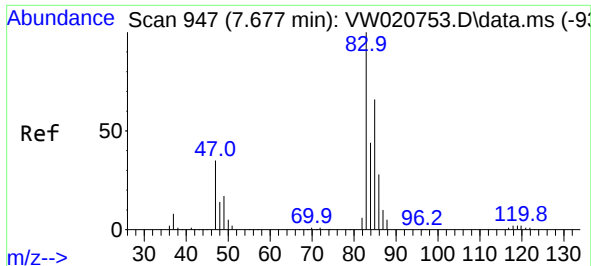
Tgt Ion: 43 Resp: 69407
Ion Ratio Lower Upper
43 100
72 25.9 11.8 35.4



#23
Bromochloromethane
Concen: 48.146 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 128 Resp: 58970
Ion Ratio Lower Upper
128 100
49 162.8 150.3 279.1
130 120.1 88.3 163.9
51 52.3 55.1 82.7#

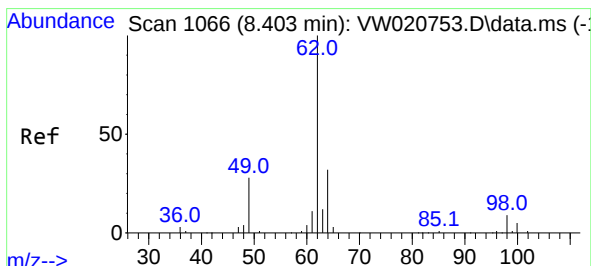
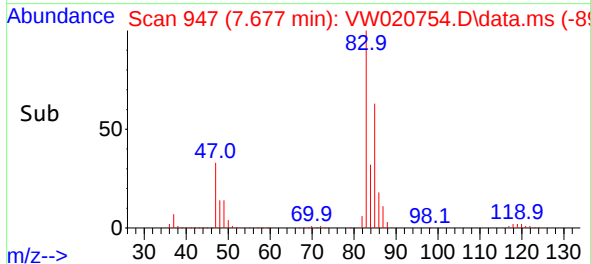
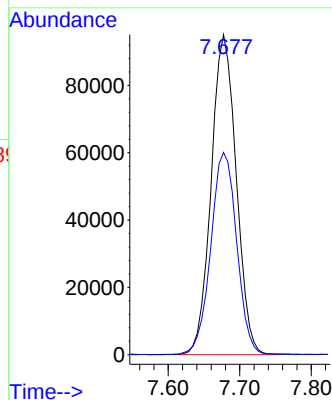
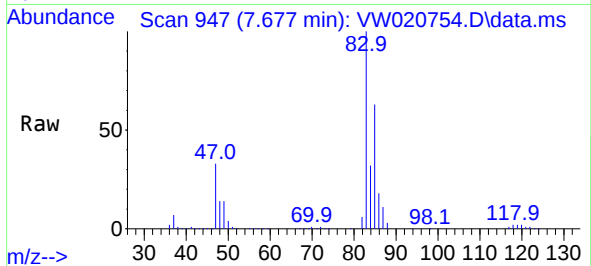




#25
Chloroform
Concen: 44.815 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

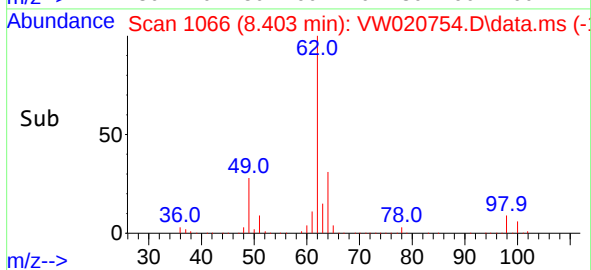
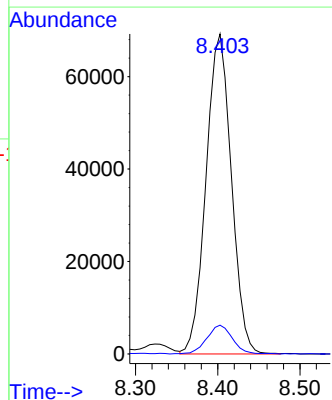
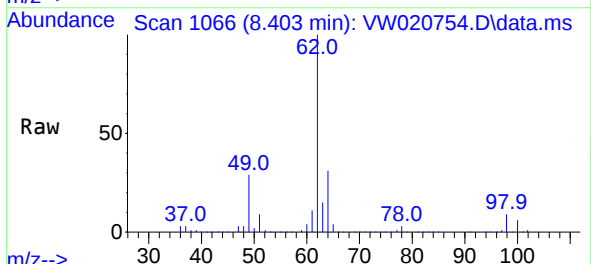
Instrument :
MSVOA_W
ClientSampleId :

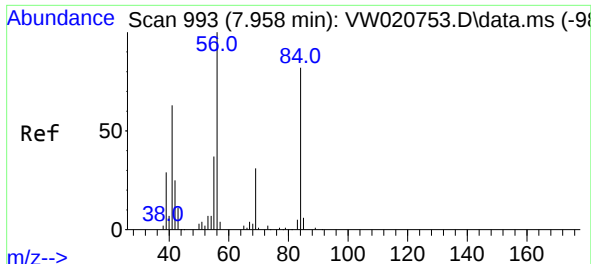
Tgt Ion: 83 Resp: 231380
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 40.628 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

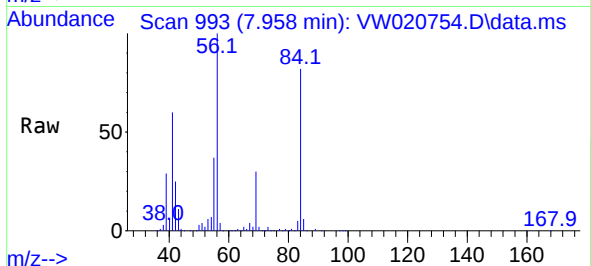
Tgt Ion: 62 Resp: 148269
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7





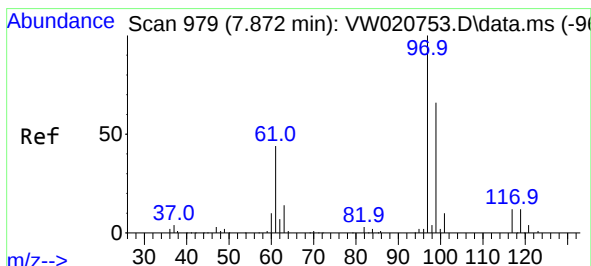
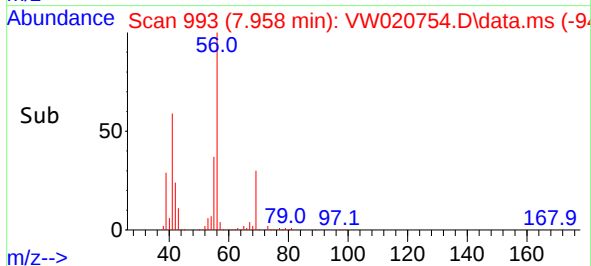
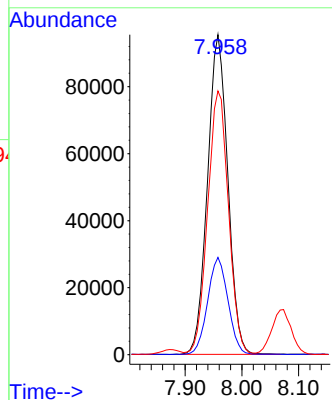
#29
Cyclohexane
Concen: 52.411 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 237265

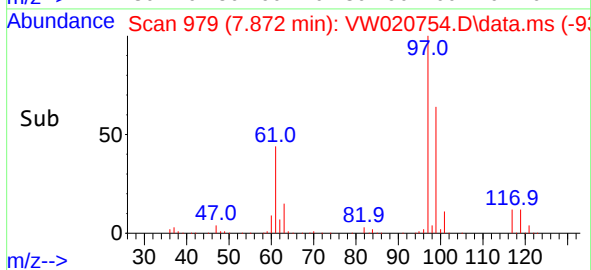
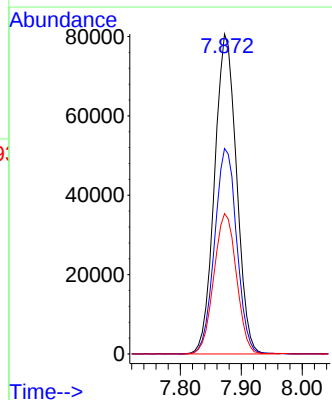
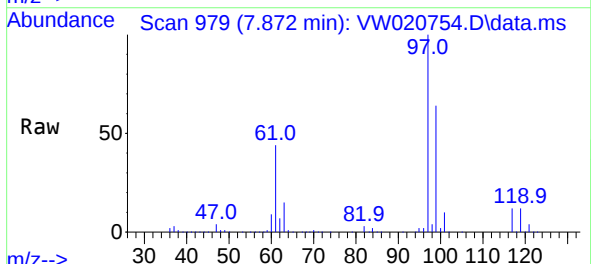
Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.5	35.3
84	84.7	63.4	95.2

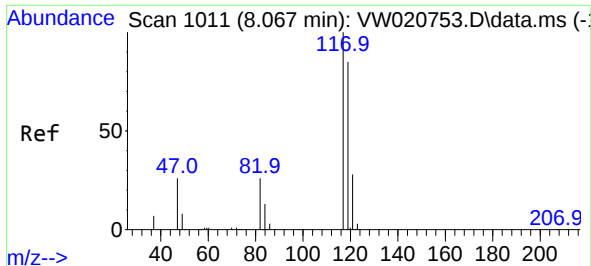


#30
1,1,1-Trichloroethane
Concen: 51.806 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 97 Resp: 202510

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	44.9	40.9	61.3

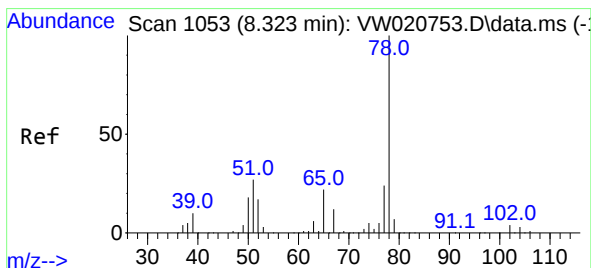
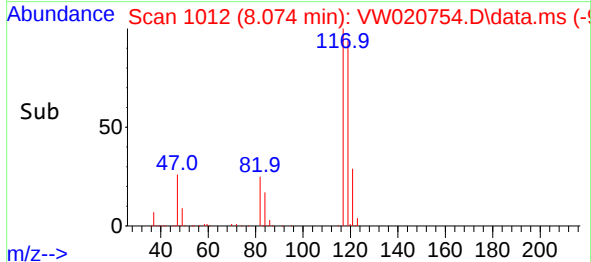
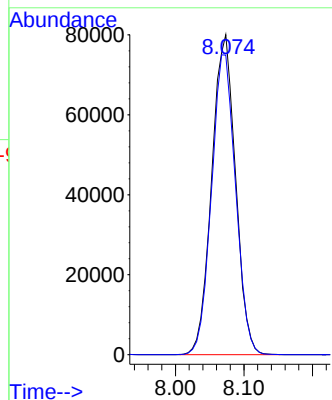
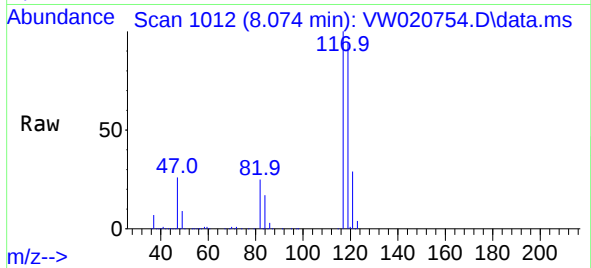




#31
Carbon tetrachloride
Concen: 54.919 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

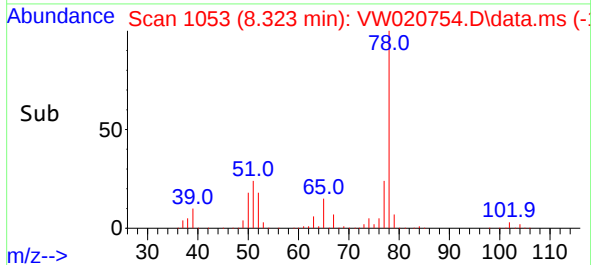
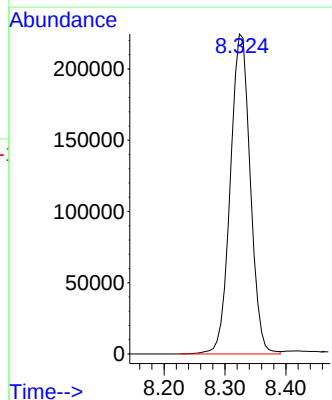
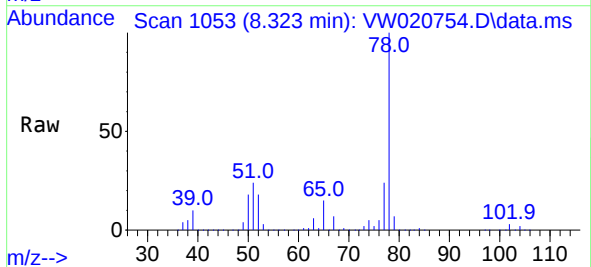
Instrument :
MSVOA_W
ClientSampleId :

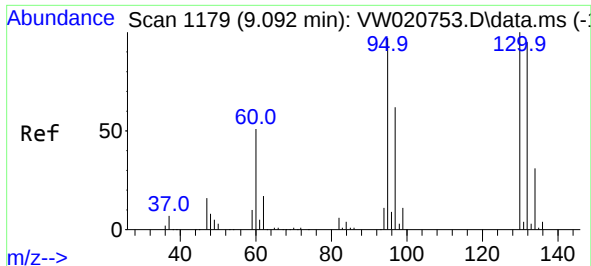
Tgt Ion:117 Resp: 192744
Ion Ratio Lower Upper
117 100
119 95.1 75.7 113.5



#33
Benzene
Concen: 45.771 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

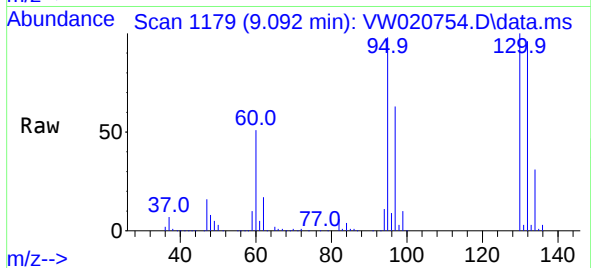
Tgt Ion: 78 Resp: 511533



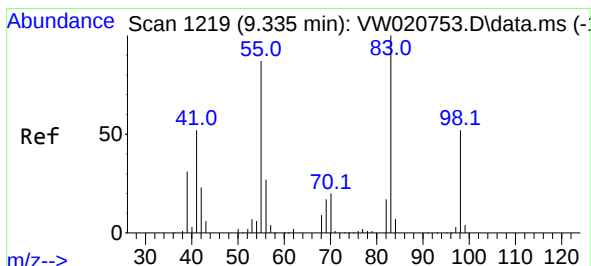
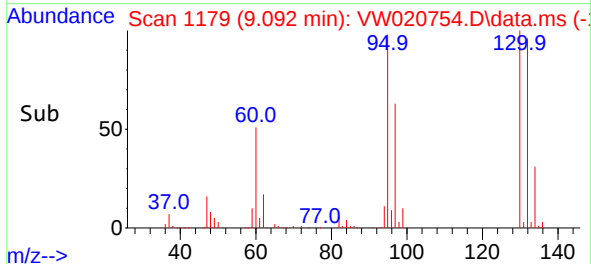
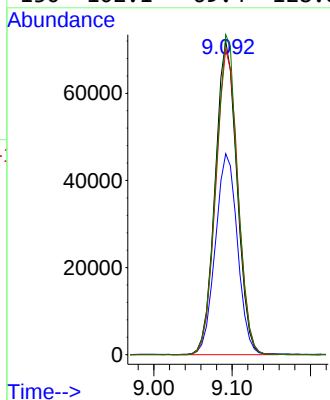


#34
Trichloroethene
Concen: 51.268 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Instrument :
MSVOA_W
ClientSampleId :

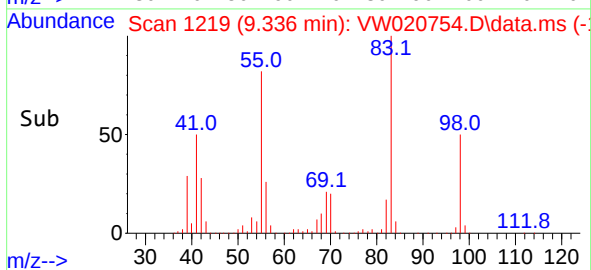
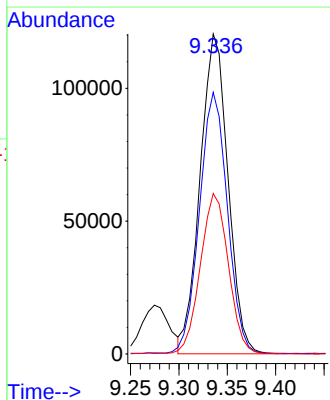
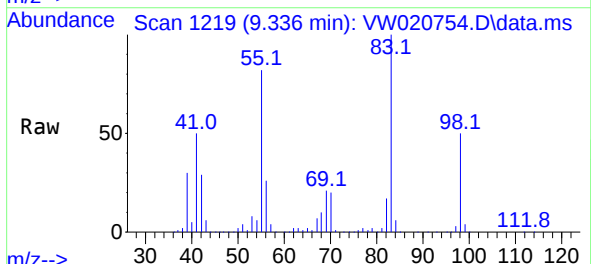


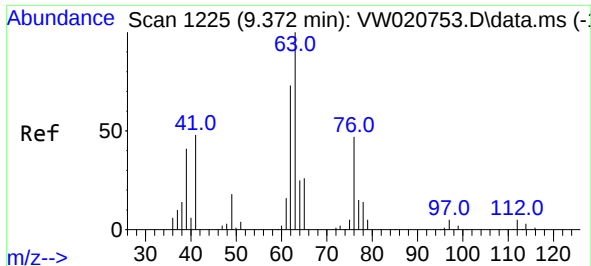
Tgt Ion: 95 Resp: 139267
Ion Ratio Lower Upper
95 100
97 64.1 47.0 87.2
132 97.5 65.5 121.6
130 102.1 69.4 128.8



#35
Methylcyclohexane
Concen: 52.050 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 83 Resp: 241153
Ion Ratio Lower Upper
83 100
55 81.9 70.8 106.2
98 50.7 37.7 56.5





#37

1,2-Dichloropropane

Concen: 44.376 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

Instrument :

MSVOA_W

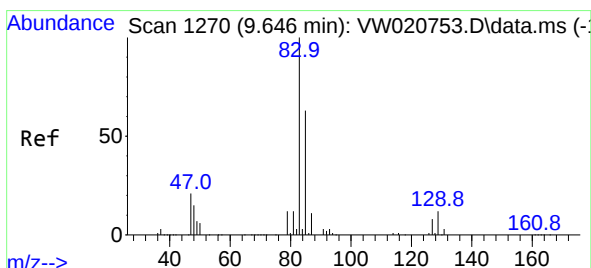
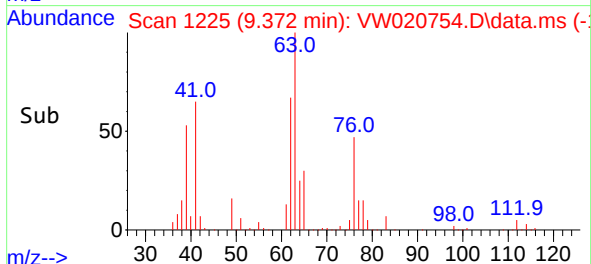
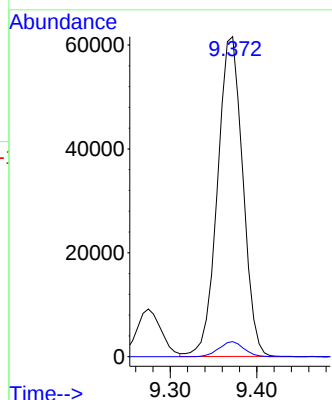
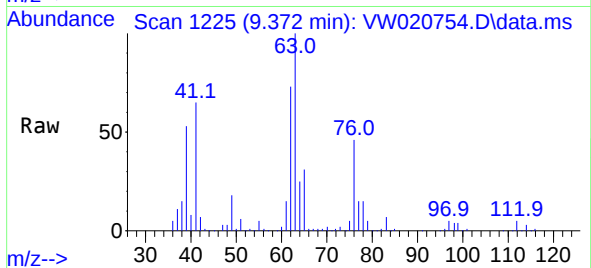
ClientSampleId :

Tgt Ion: 63 Resp: 124746

Ion Ratio Lower Upper

63 100

112 4.6 3.2 4.8



#38

Bromodichloromethane

Concen: 49.005 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

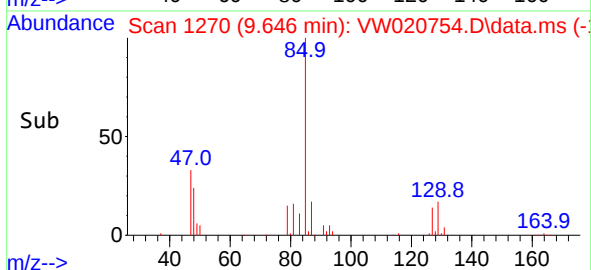
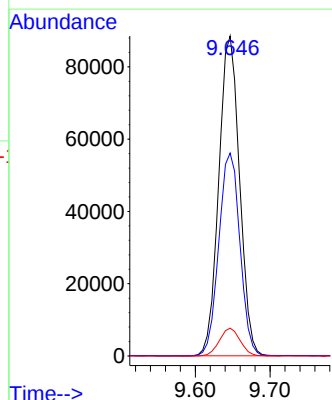
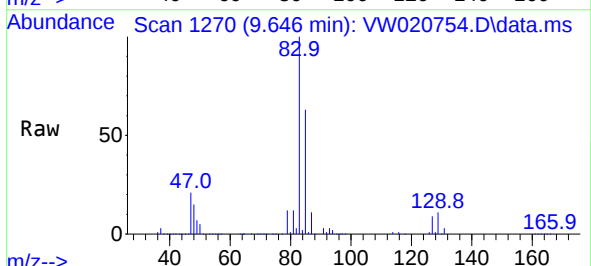
Tgt Ion: 83 Resp: 170786

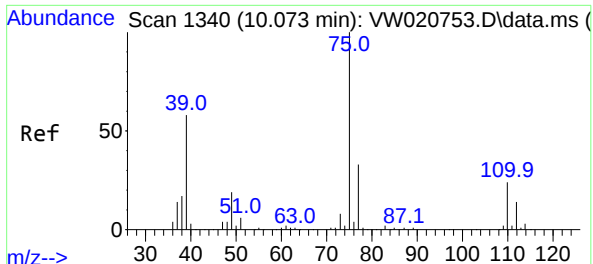
Ion Ratio Lower Upper

83 100

85 63.4 44.1 81.9

127 8.7 6.1 9.1

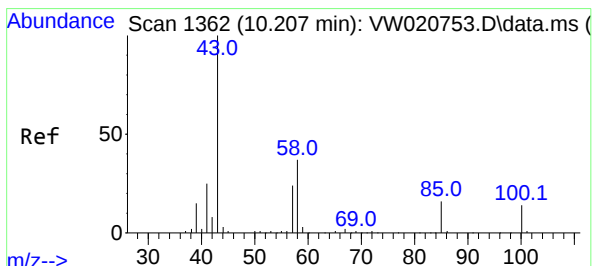
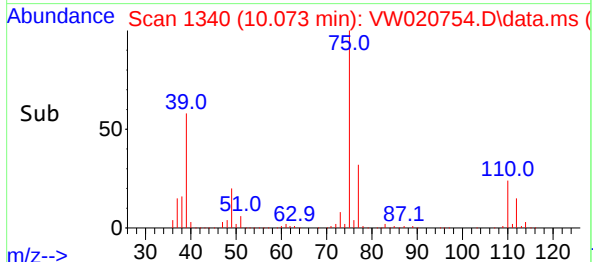
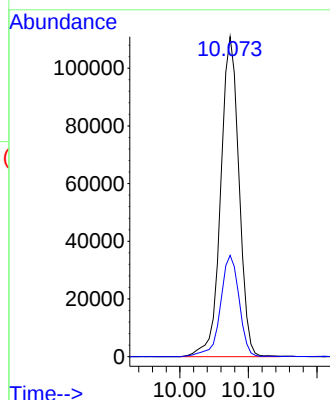
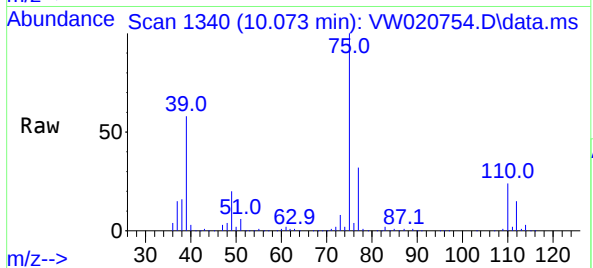




#39
cis-1,3-Dichloropropene
Concen: 51.556 ug/L
RT: 10.073 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

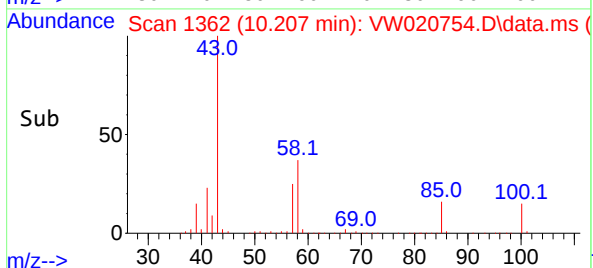
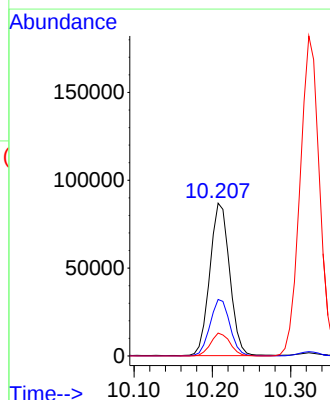
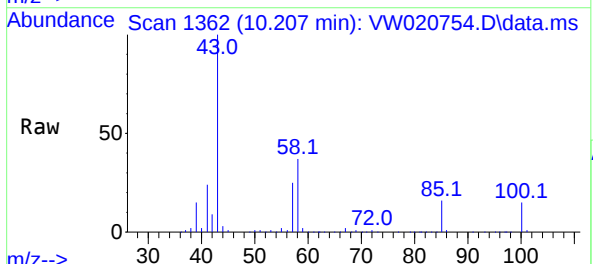
Instrument :
MSVOA_W
ClientSampleId :

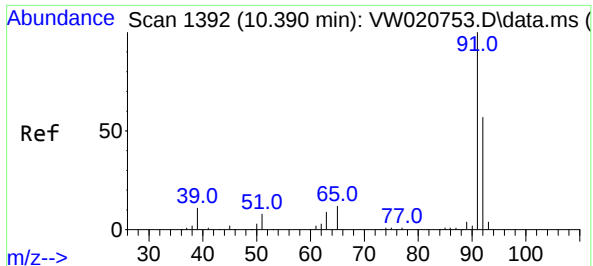
Tgt Ion: 75 Resp: 204958
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 81.944 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 43 Resp: 152513
Ion Ratio Lower Upper
43 100
58 37.2 28.8 43.2
100 14.8 10.0 15.0





#42

Toluene

Concen: 50.800 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

Instrument :

MSVOA_W

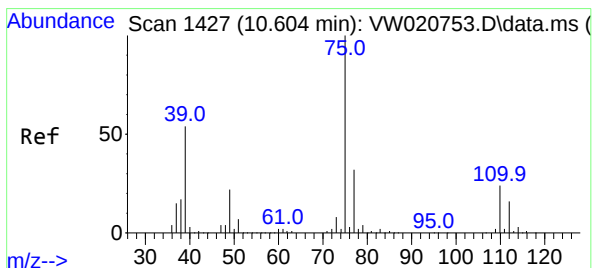
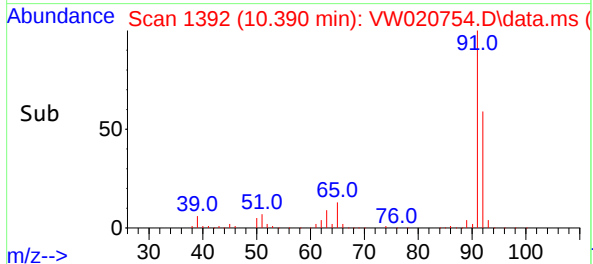
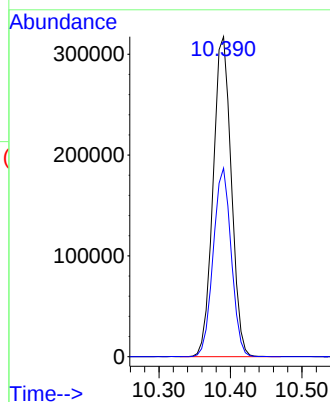
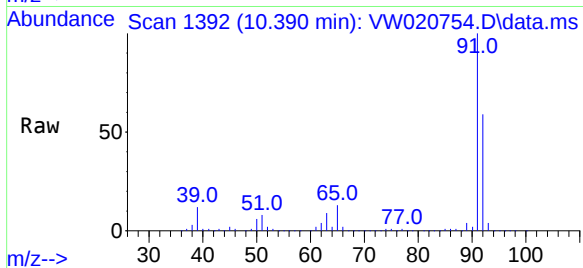
ClientSampleId :

Tgt Ion: 91 Resp: 559713

Ion Ratio Lower Upper

91 100

92 58.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 50.186 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW020754.D

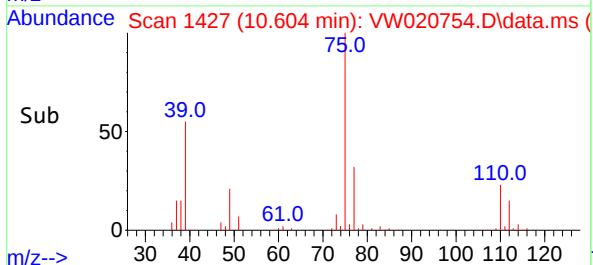
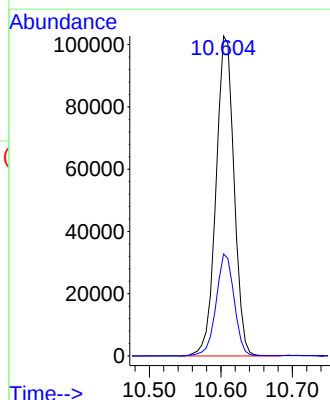
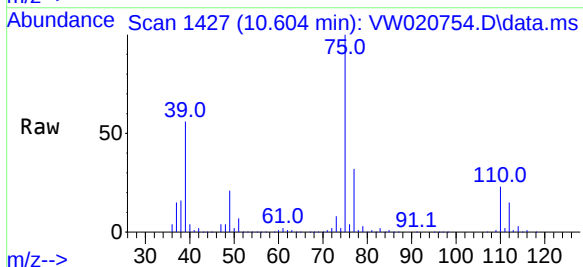
Acq: 04 Nov 2021 10:13

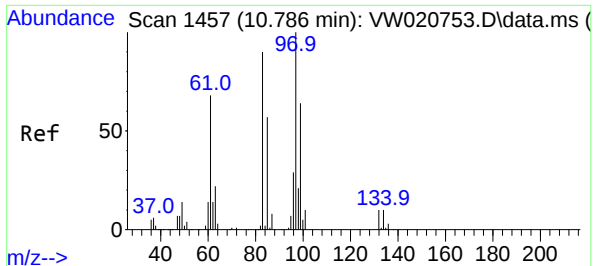
Tgt Ion: 75 Resp: 179983

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 44.150 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 84854

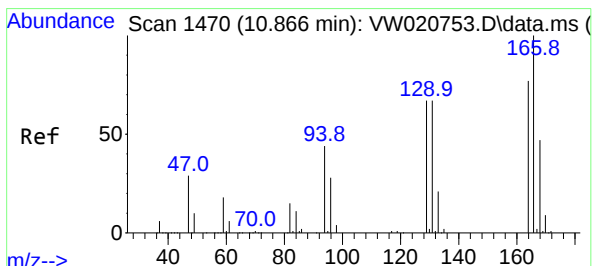
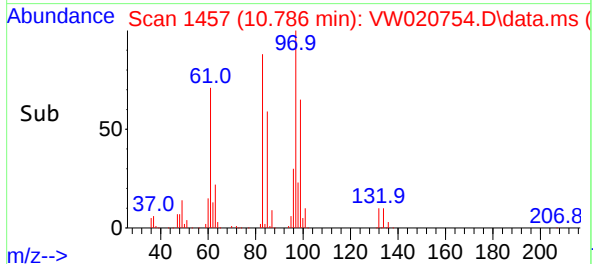
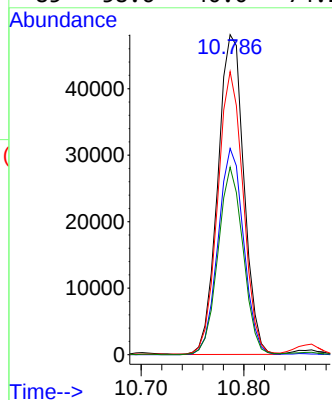
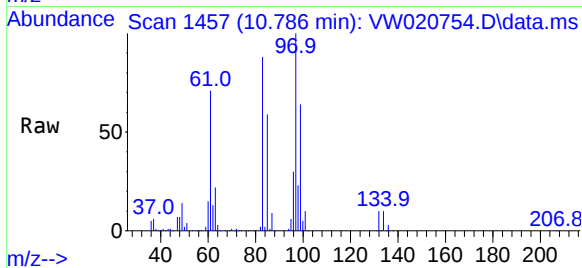
Ion Ratio Lower Upper

97 100

99 64.5 43.0 79.8

83 88.5 62.6 116.3

85 58.6 40.0 74.2



#46

Tetrachloroethene

Concen: 57.560 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

Tgt Ion:164 Resp: 120297

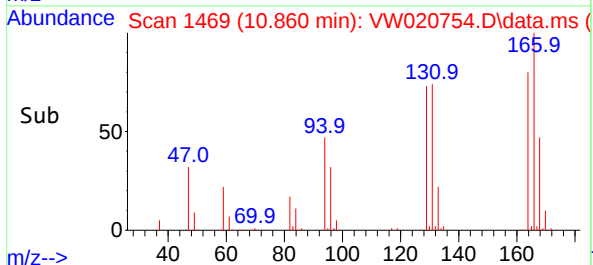
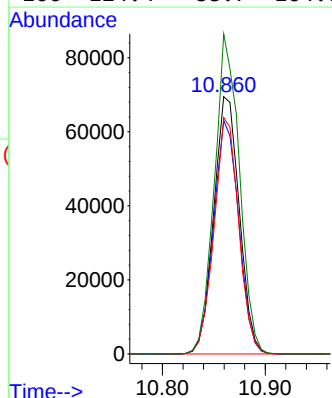
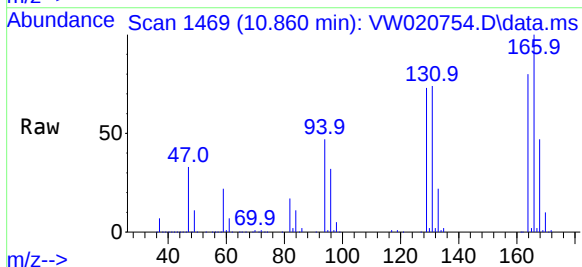
Ion Ratio Lower Upper

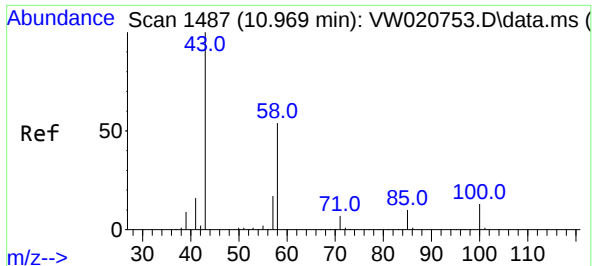
164 100

129 90.7 65.5 121.7

131 91.8 59.7 110.9

166 124.4 88.7 164.7

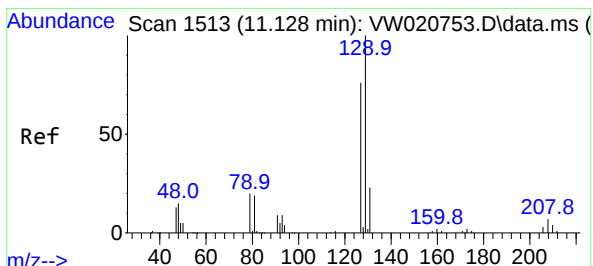
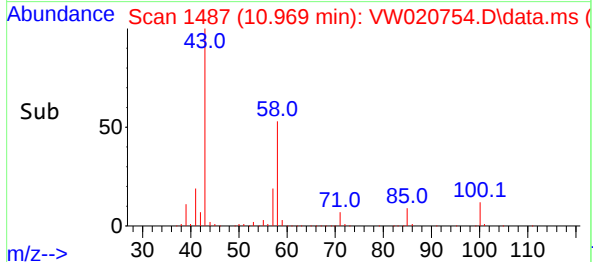
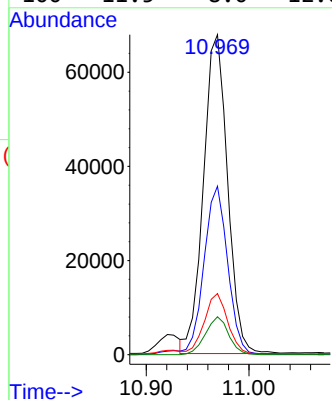
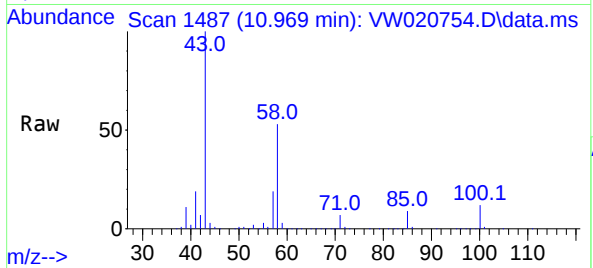




#48
2-Hexanone
Concen: 80.248 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

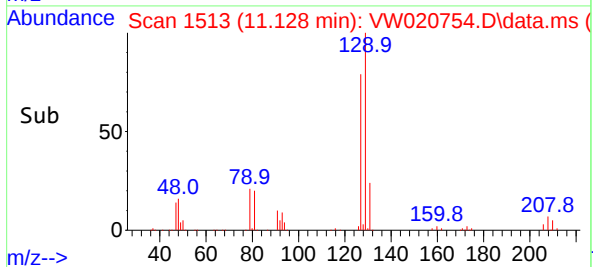
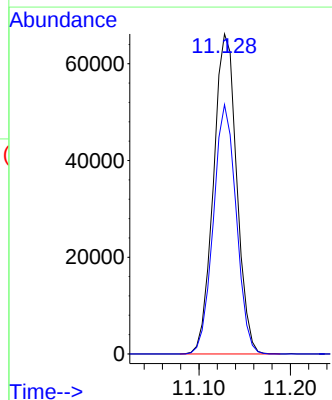
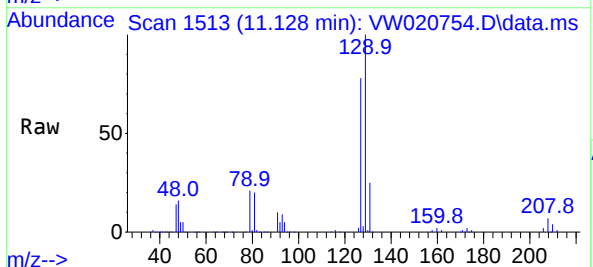
Instrument :
MSVOA_W
ClientSampleId :

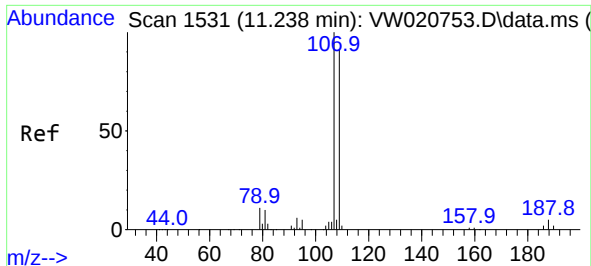
Tgt Ion: 43 Resp: 110858
Ion Ratio Lower Upper
43 100
58 51.8 40.2 60.2
57 18.5 14.3 21.5
100 11.5 8.0 12.0



#49
Dibromochloromethane
Concen: 54.104 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 129 Resp: 116849
Ion Ratio Lower Upper
129 100
127 77.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 46.960 ug/L

RT: 11.238 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020754.D

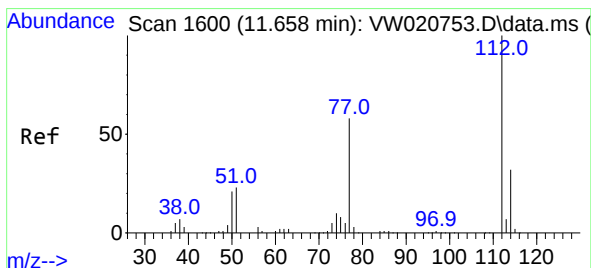
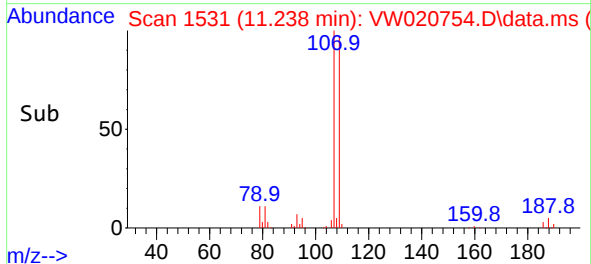
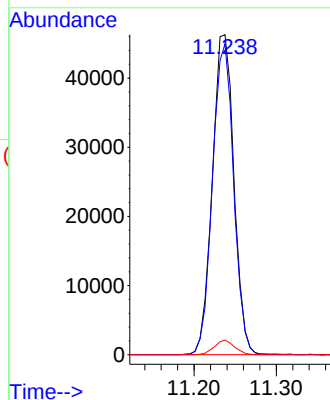
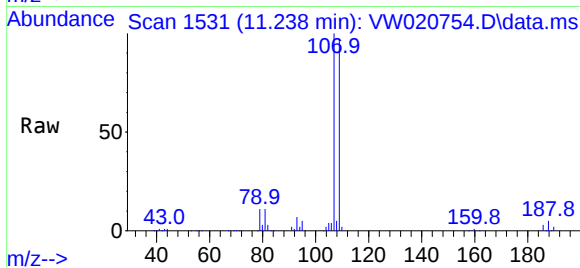
Acq: 04 Nov 2021 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	84375
Ion	Ratio	Lower	Upper
107	100		
109	97.1	64.1	119.1
188	4.5	2.6	3.8#



#51

Chlorobenzene

Concen: 50.364 ug/L

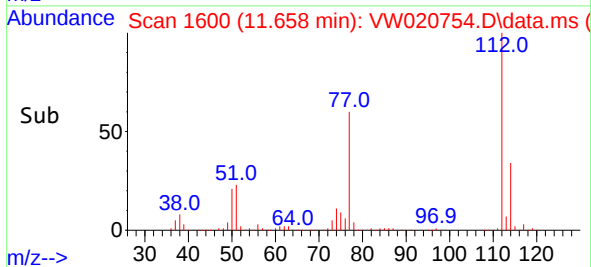
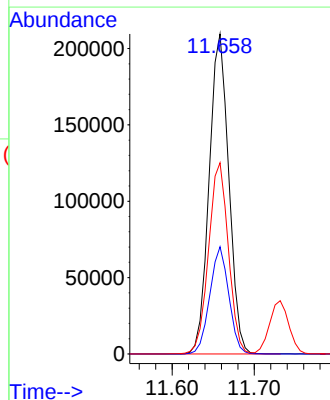
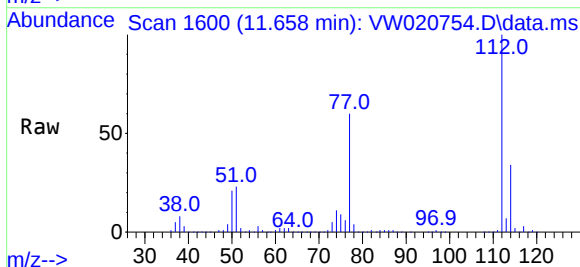
RT: 11.658 min Scan# 1600

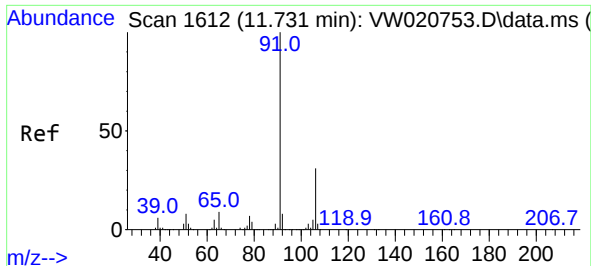
Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

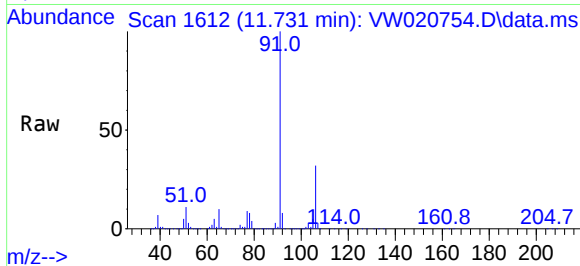
Tgt Ion:	112	Resp:	346661
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.4	41.6
77	59.7	50.2	75.4



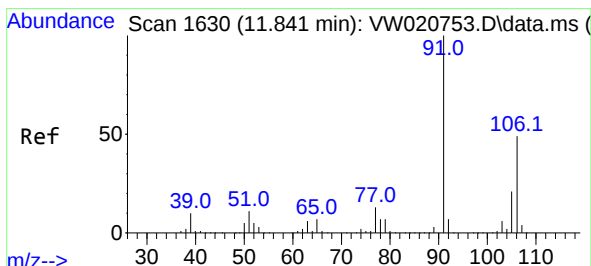
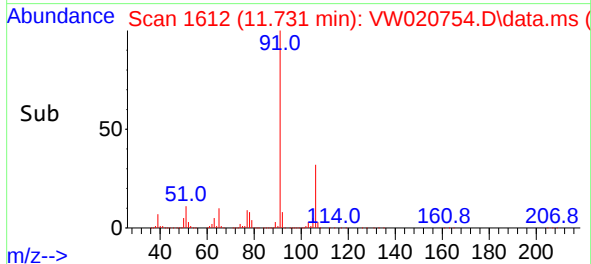
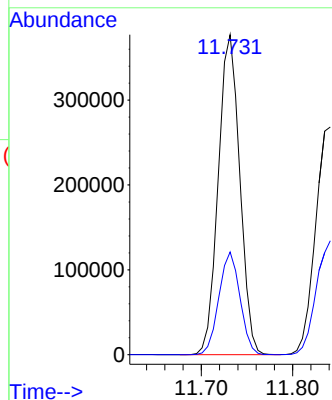


#52
Ethylbenzene
Concen: 51.313 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Instrument :
MSVOA_W
ClientSampleId :

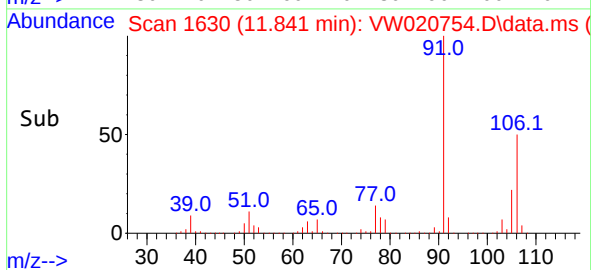
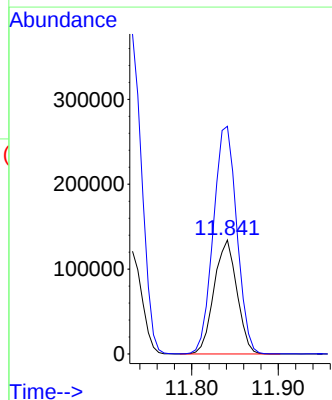
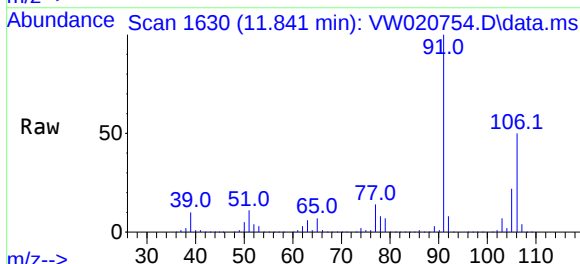


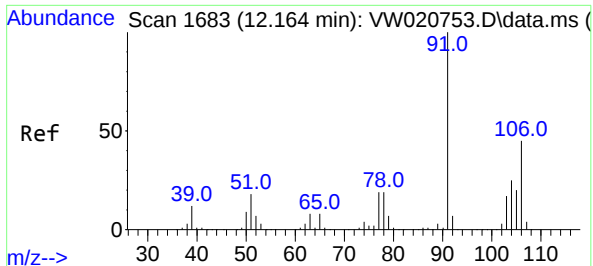
Tgt Ion: 91 Resp: 617302
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 55.126 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion:106 Resp: 246211
Ion Ratio Lower Upper
106 100
91 199.8 149.9 278.3

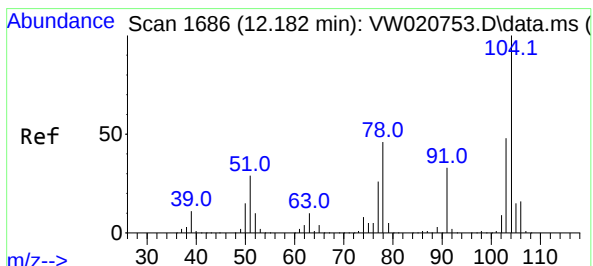
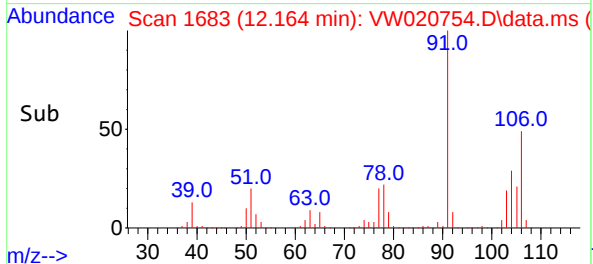
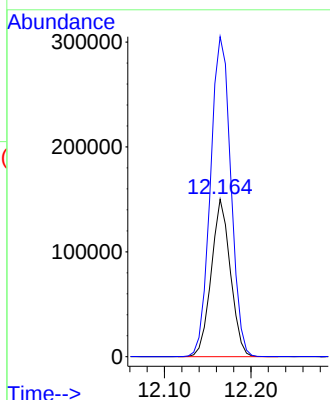
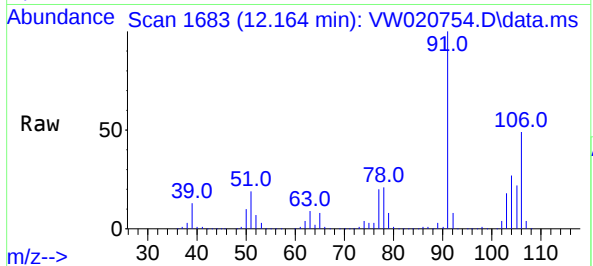




#54
o-Xylene
Concen: 55.537 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

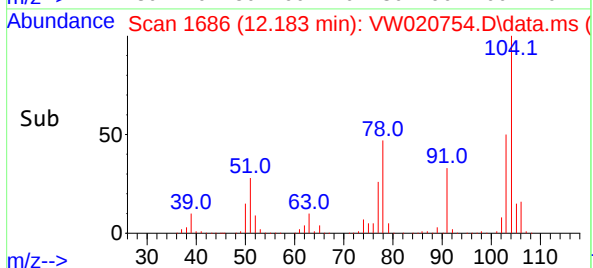
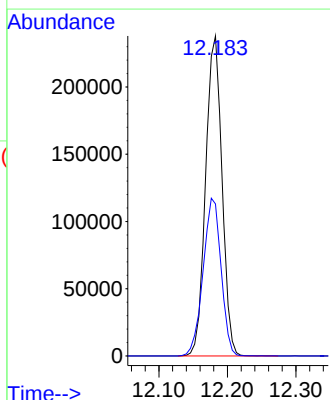
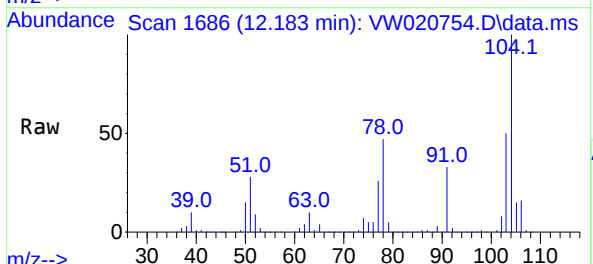
Instrument :
MSVOA_W
ClientSampleId :

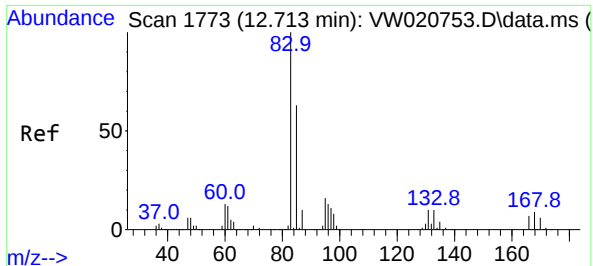
Tgt Ion:106 Resp: 230671
Ion Ratio Lower Upper
106 100
91 203.2 153.6 285.3



#55
Styrene
Concen: 54.640 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion:104 Resp: 395375
Ion Ratio Lower Upper
104 100
78 47.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 40.463 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020754.D

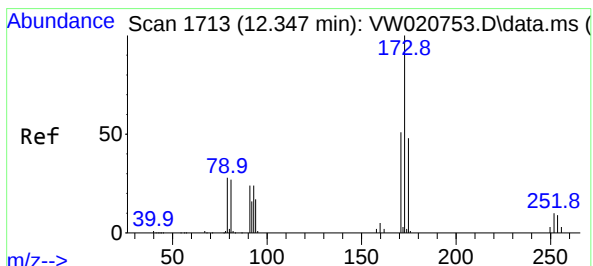
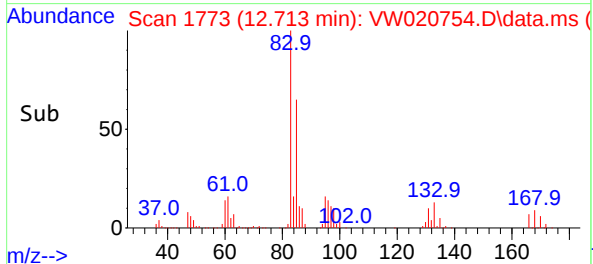
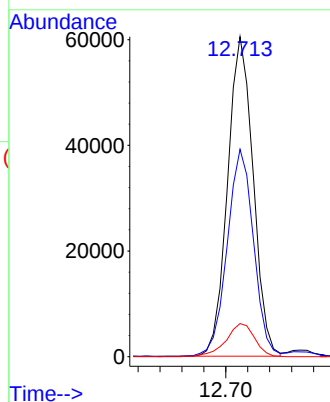
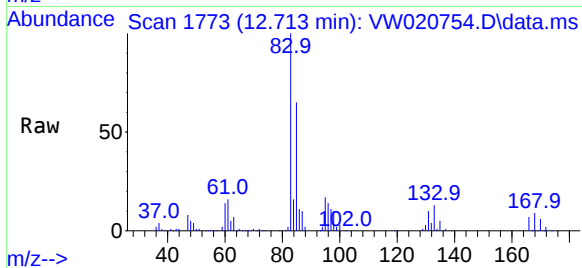
Acq: 04 Nov 2021 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	98134
Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.0	81.6
131	10.3	6.9	10.3#



#59

Bromoform

Concen: 52.987 ug/L

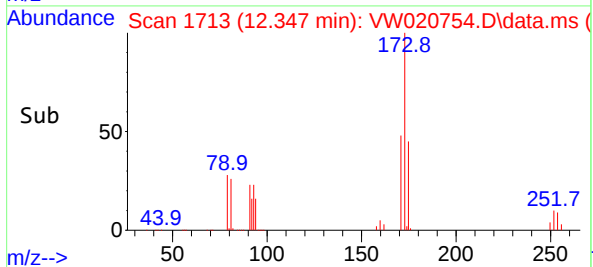
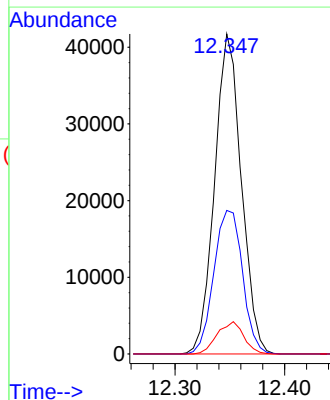
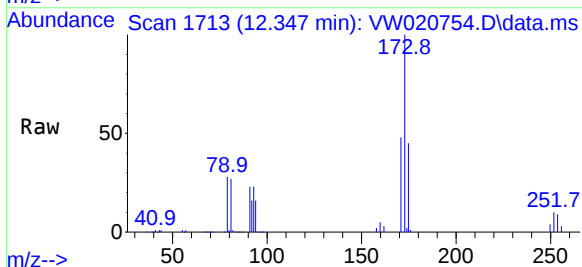
RT: 12.347 min Scan# 1713

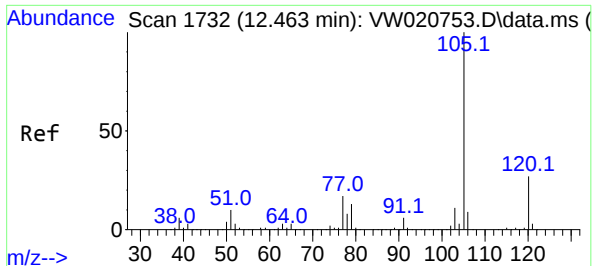
Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

Tgt Ion:	173	Resp:	70684
Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.6	59.4
254	10.0	7.4	11.0

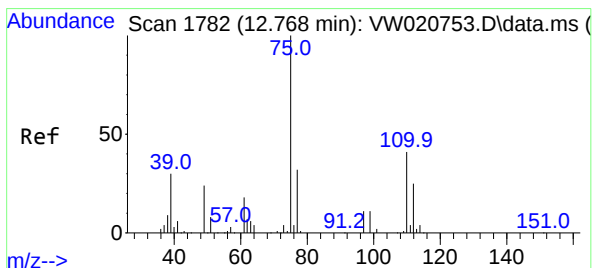
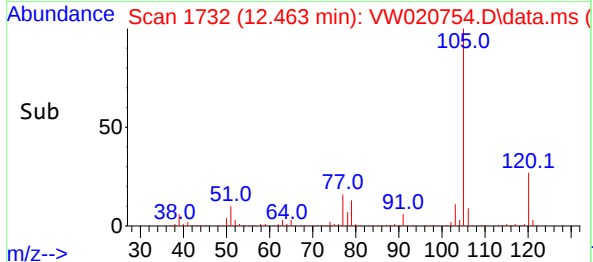
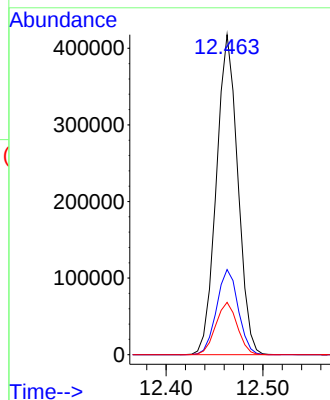
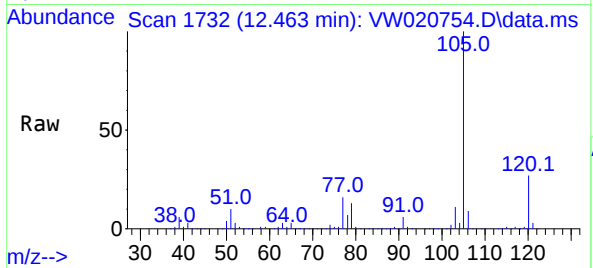




#60
Isopropylbenzene
Concen: 53.374 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

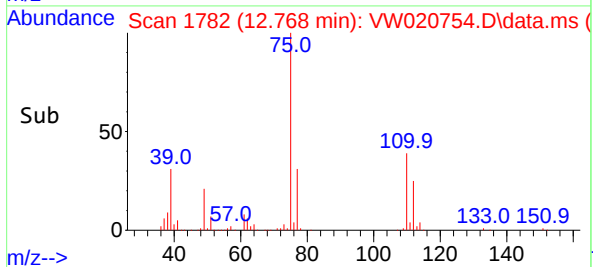
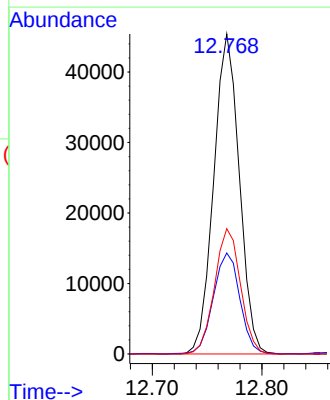
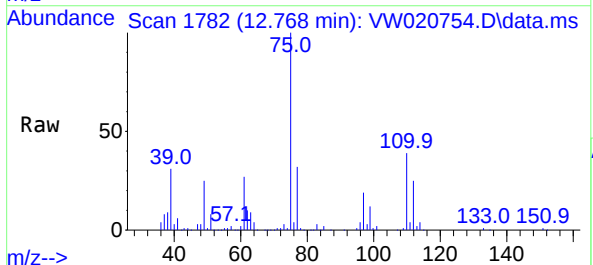
Instrument :
MSVOA_W
ClientSampleId :

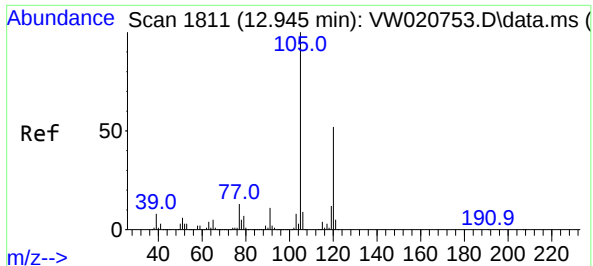
Tgt Ion:105 Resp: 642002
Ion Ratio Lower Upper
105 100
120 26.9 20.1 30.1
77 16.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 37.255 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion: 75 Resp: 73580
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
110 39.7 29.0 43.4

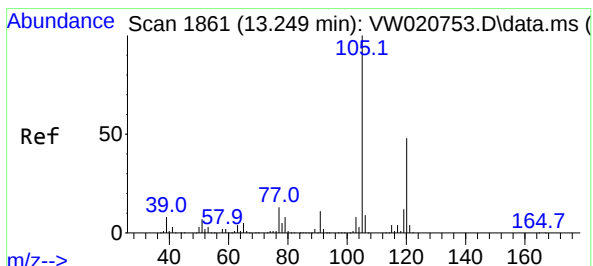
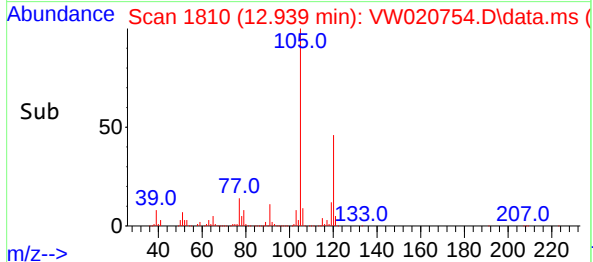
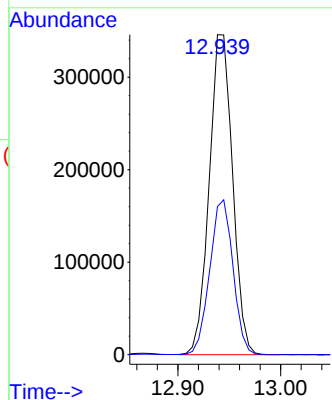
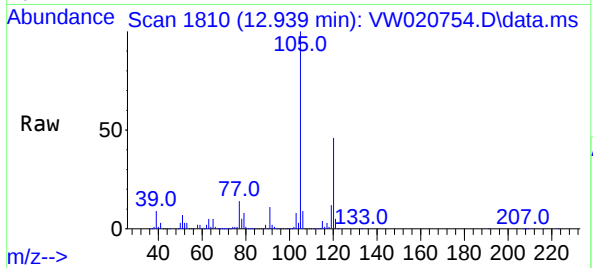




#62
1,3,5-Trimethylbenzene
Concen: 55.746 ug/L
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

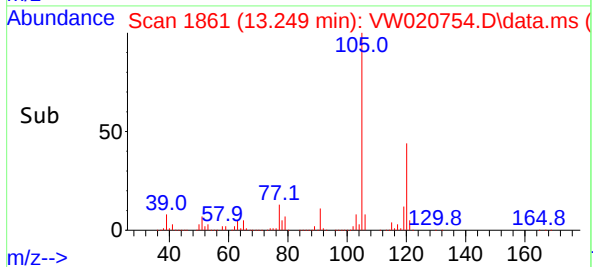
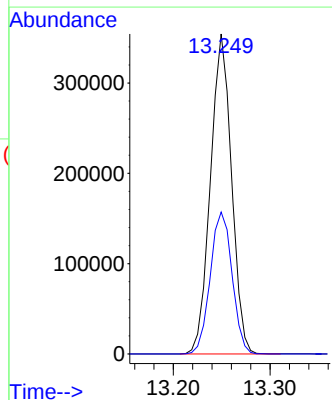
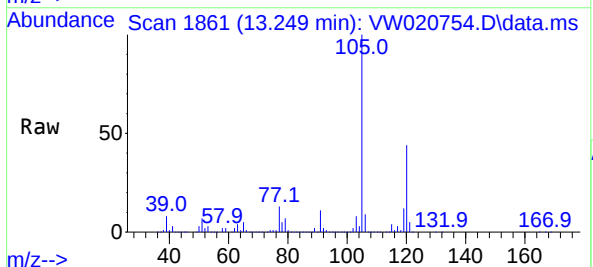
Instrument :
MSVOA_W
ClientSampleId :

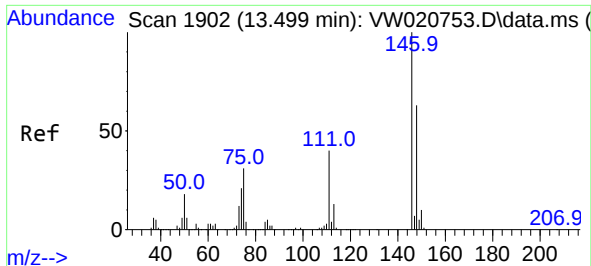
Tgt Ion:105 Resp: 546767
Ion Ratio Lower Upper
105 100
120 48.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 54.834 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

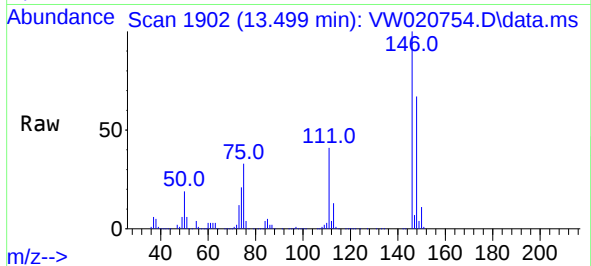
Tgt Ion:105 Resp: 535720
Ion Ratio Lower Upper
105 100
120 46.0 35.0 52.6



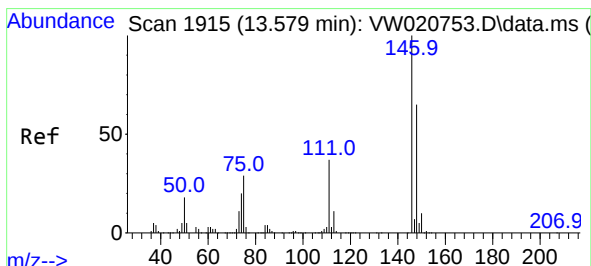
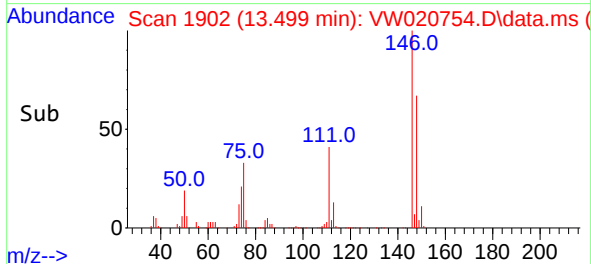
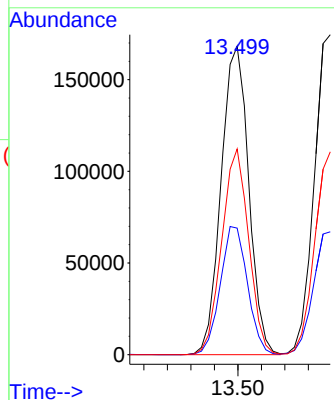


#64
1,3-Dichlorobenzene
Concen: 51.245 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Instrument :
MSVOA_W
ClientSampleId :

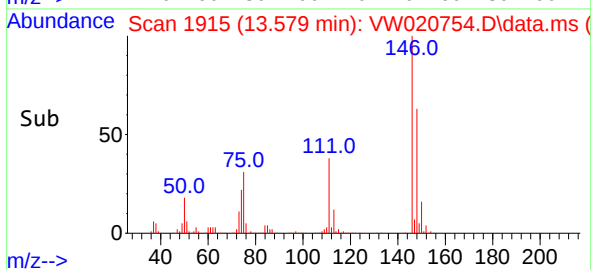
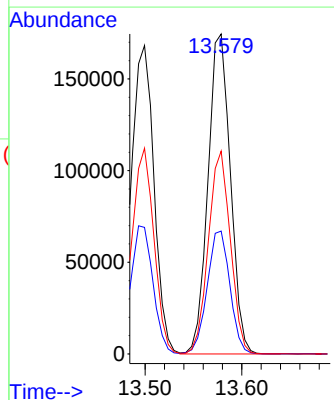
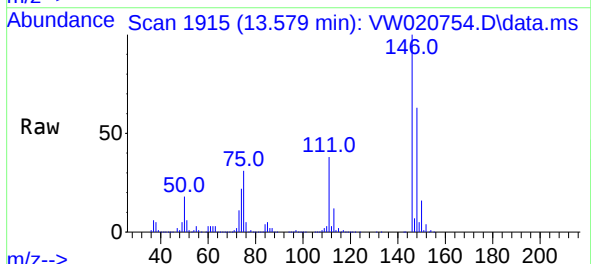


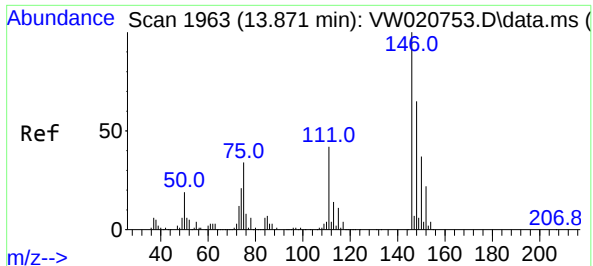
Tgt Ion:146 Resp: 275003
Ion Ratio Lower Upper
146 100
111 41.0 29.8 55.3
148 66.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 50.874 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion:146 Resp: 281627
Ion Ratio Lower Upper
146 100
111 38.4 29.0 53.9
148 63.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 50.553 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

Instrument :

MSVOA_W

ClientSampleId :

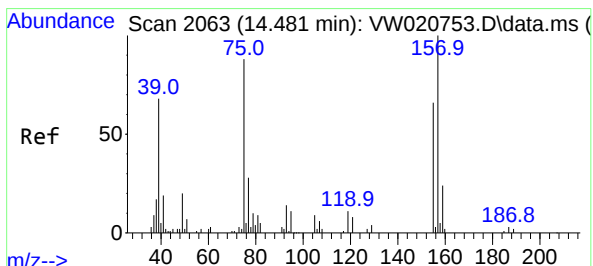
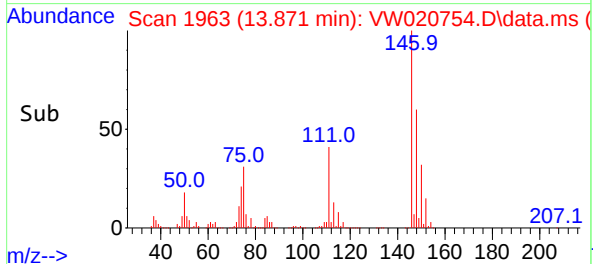
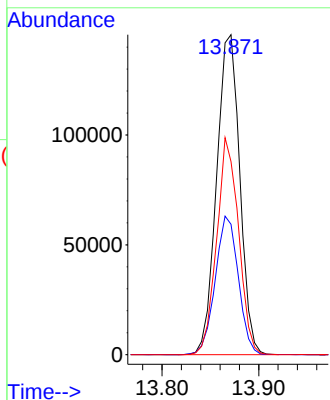
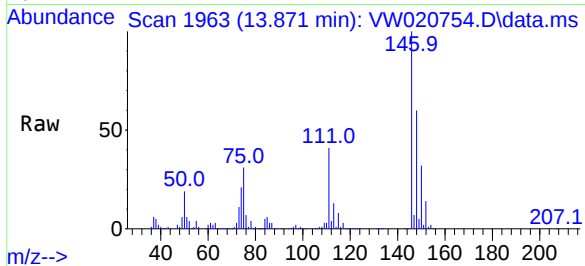
Tgt Ion:146 Resp: 242385

Ion Ratio Lower Upper

146 100

111 40.7 33.1 49.7

148 60.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 40.778 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020754.D

Acq: 04 Nov 2021 10:13

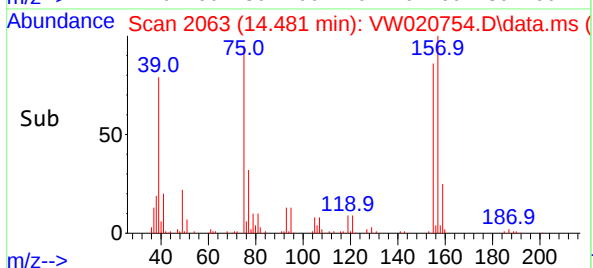
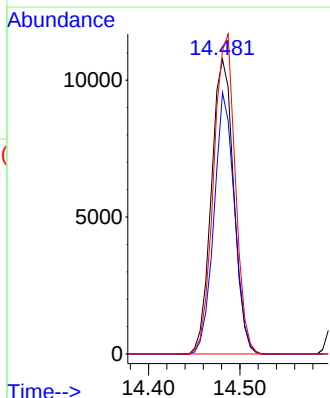
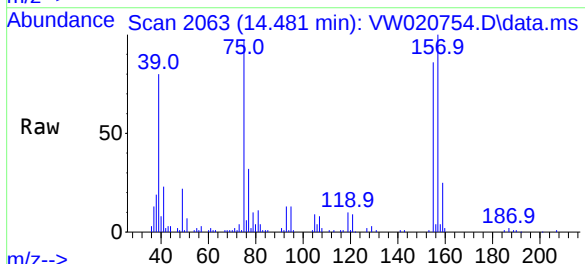
Tgt Ion: 75 Resp: 18242

Ion Ratio Lower Upper

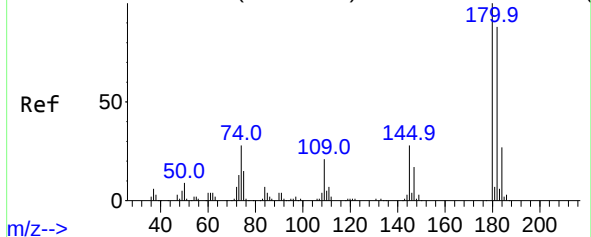
75 100

155 88.8 54.2 81.2#

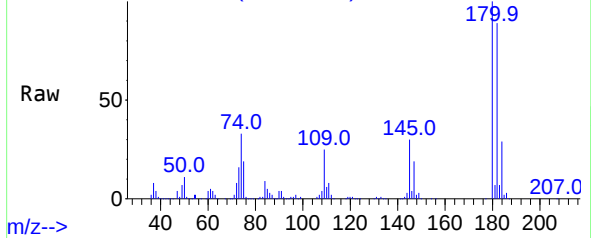
157 103.0 69.4 104.2



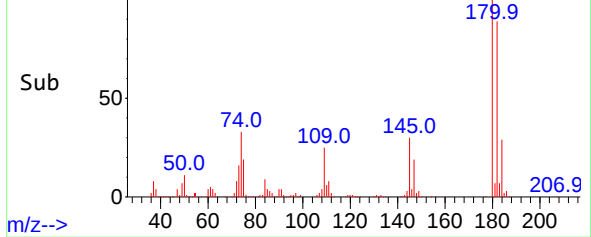
Abundance Scan 2087 (14.627 min): VW020753.D\data.ms (



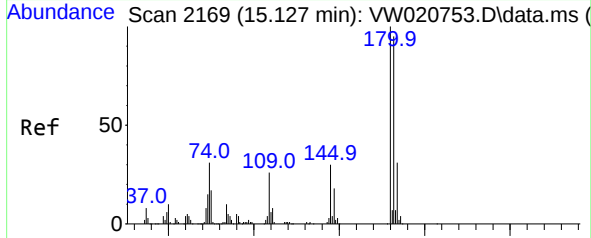
m/z--> Abundance Scan 2086 (14.621 min): VW020754.D\data.ms



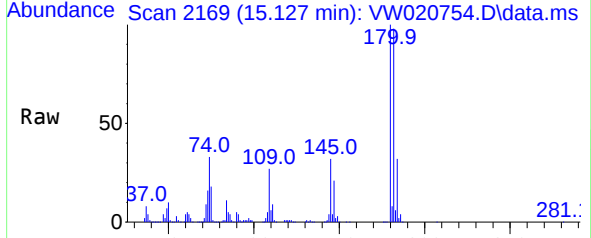
m/z--> Abundance Scan 2086 (14.621 min): VW020754.D\data.ms (



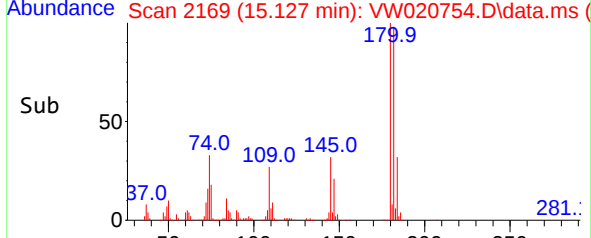
m/z--> Abundance Scan 2169 (15.127 min): VW020753.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms



m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

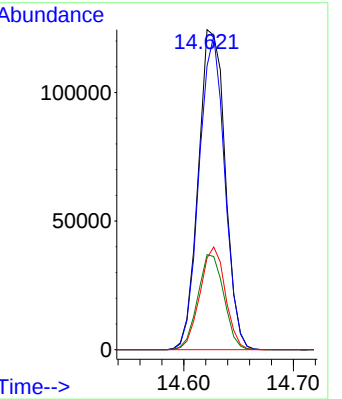
m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

m/z--> Abundance Scan 2169 (15.127 min): VW020754.D\data.ms (

#69
1,3,5-Trichlorobenzene
Concen: 55.390 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

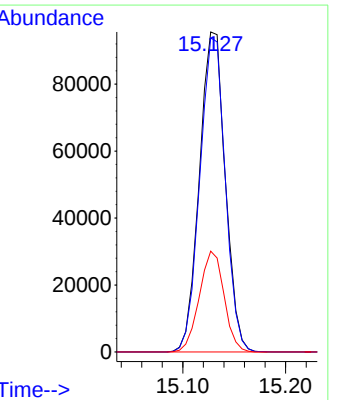
Instrument :
MSVOA_W
ClientSampleId :

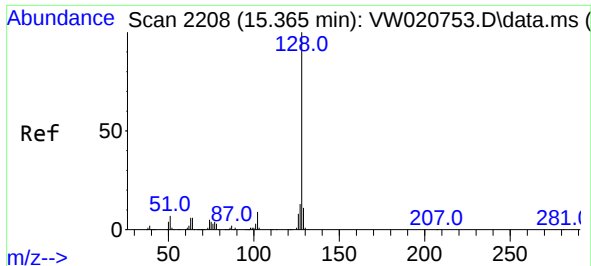
Tgt Ion:180	Resp: 210806
Ion Ratio	Lower Upper
180	100
182	93.6 75.4 113.0
184	30.4 23.8 35.8
145	28.9 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 54.607 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion:180	Resp: 166482
Ion Ratio	Lower Upper
180	100
182	96.7 79.0 118.6
145	30.2 26.0 39.0

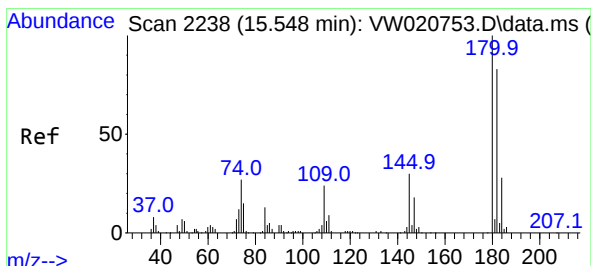
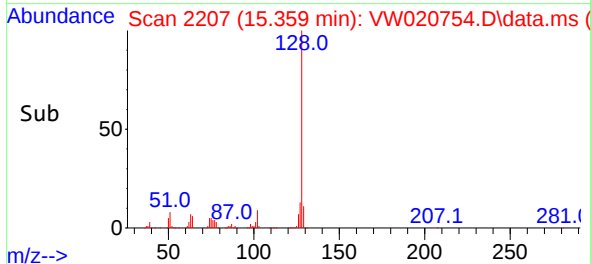
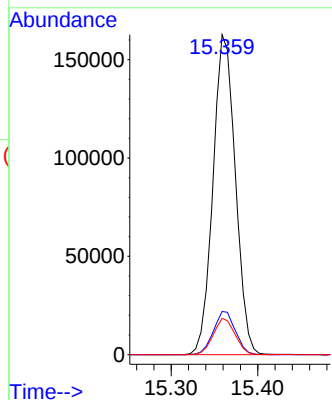
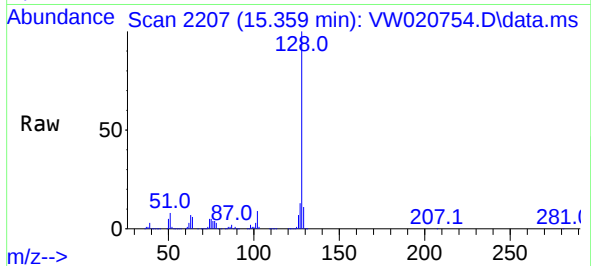




#71
Naphthalene
Concen: 51.384 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 292212
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 53.399 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020754.D
Acq: 04 Nov 2021 10:13

Tgt Ion:180 Resp: 145646
Ion Ratio Lower Upper
180 100
182 93.7 76.6 114.8
145 31.1 27.4 41.0

