

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021243.D
 Acq On : 09 Dec 2021 13:10
 Operator : SY/VA
 Sample : VSTD05034
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 09 15:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	105177	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	115120	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	64977	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112361	71.466	ug/L	0.00
7) Chloroethane-d5	2.879	69	72308	69.019	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	136157	57.577	ug/L	0.00
21) 2-Butanone-d5	7.086	46	24887	77.246	ug/L	0.00
24) Chloroform-d	7.653	84	147964	55.862	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	83880	59.153	ug/L	0.00
32) Benzene-d6	8.275	84	302522	51.553	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	78299	48.778	ug/L	0.00
41) Toluene-d8	10.323	98	326929	54.396	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	41745	56.517	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	24867	84.639	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	71326	48.074	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	126307	54.348	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	24274	50.647	ug/L	99
3) Chloromethane	2.209	50	69107	58.876	ug/L	99
5) Vinyl chloride	2.355	62	110314	55.702	ug/L	94
6) Bromomethane	2.776	94	70087	52.440	ug/L	96
8) Chloroethane	2.916	64	52268	61.142	ug/L	98
9) Trichlorofluoromethane	3.257	101	55891	56.963	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	73656	50.258	ug/L	91
12) 1,1-Dichloroethene	4.038	96	66695	49.335	ug/L	85
13) Acetone	4.153	43	17822	61.173	ug/L	89
14) Carbon disulfide	4.379	76	180056	50.101	ug/L	99
15) Methyl Acetate	4.684	43	20016	39.089	ug/L	# 88
16) Methylene chloride	4.915	84	66085	41.182	ug/L	85
17) trans-1,2-Dichloroethene	5.428	96	71540	50.401	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	96831	46.441	ug/L	94
19) 1,1-Dichloroethane	6.220	63	112449	50.248	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	74580	49.850	ug/L	74
22) 2-Butanone	7.183	43	28684	71.106	ug/L	87
23) Bromochloromethane	7.519	128	34292	49.190	ug/L	# 66
25) Chloroform	7.677	83	127968	51.058	ug/L	99
27) 1,2-Dichloroethane	8.403	62	85879	52.475	ug/L	98
29) Cyclohexane	7.958	56	107036	43.813	ug/L	# 82
30) 1,1,1-Trichloroethane	7.872	97	116966	44.359	ug/L	95
31) Carbon tetrachloride	8.073	117	112407	46.748	ug/L	98
33) Benzene	8.329	78	295108	46.353	ug/L	100
34) Trichloroethene	9.092	95	81052	46.128	ug/L	94
35) Methylcyclohexane	9.335	83	139092	46.819	ug/L	# 85
37) 1,2-Dichloropropane	9.366	63	66495	46.769	ug/L	# 96
38) Bromodichloromethane	9.646	83	95019	47.535	ug/L	# 98
39) cis-1,3-Dichloropropene	10.073	75	114406	49.795	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	71388	76.975	ug/L	# 90
42) Toluene	10.390	91	360220	49.457	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	105148	51.498	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021243.D
 Acq On : 09 Dec 2021 13:10
 Operator : SY/VA
 Sample : VSTD05034
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

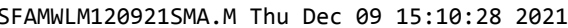
Quant Time: Dec 09 15:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 15:08:28 2021
 Response via : Initial Calibration

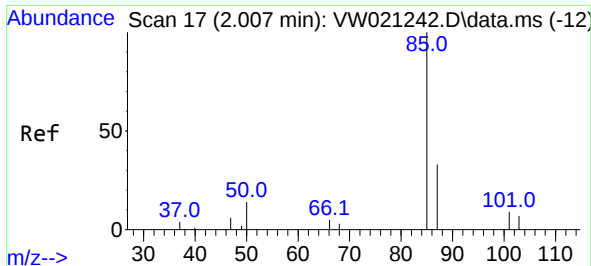
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	55415	46.027	ug/L	95
46) Tetrachloroethene	10.866	164	83650	50.512	ug/L	91
48) 2-Hexanone	10.969	43	53501	79.912	ug/L #	92
49) Dibromochloromethane	11.128	129	75500	51.269	ug/L	87
50) 1,2-Dibromoethane	11.238	107	55857	46.437	ug/L #	97
51) Chlorobenzene	11.658	112	240691	49.122	ug/L	89
52) Ethylbenzene	11.731	91	420748	50.466	ug/L	98
53) m,p-Xylene	11.841	106	169543	49.205	ug/L	86
54) o-Xylene	12.164	106	160417	49.506	ug/L	99
55) Styrene	12.182	104	283675	51.140	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	64076	44.884	ug/L #	98
59) Bromoform	12.353	173	43482	50.925	ug/L #	98
60) Isopropylbenzene	12.463	105	449149	51.160	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	46721	45.756	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	389350	52.694	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	388373	52.406	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	211223	51.266	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	207385	50.753	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	178080	48.576	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	9654	43.924	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	152966	50.315	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	124205	51.774	ug/L	90
71) Naphthalene	15.359	128	206620	46.413	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	101994	47.905	ug/L	98

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

Quant Time: Dec 09 15:10:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 09 15:08:28 2021
Response via : Initial Calibration

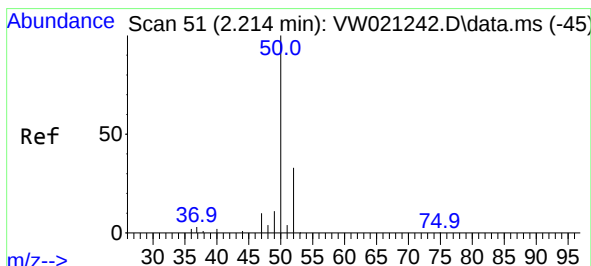
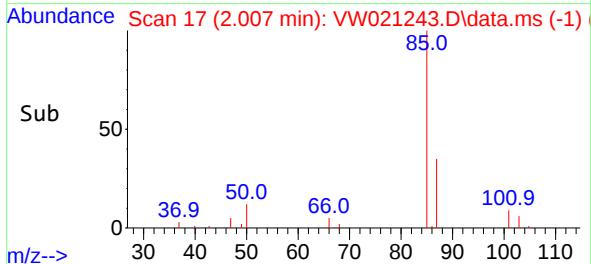
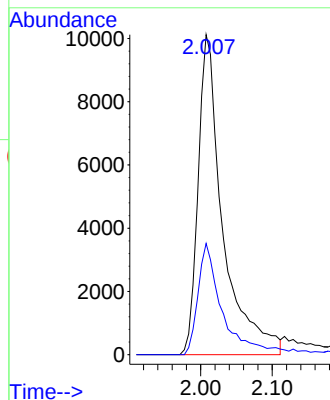
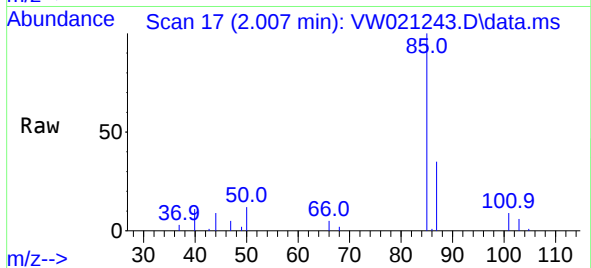




#2
 Dichlorodifluoromethane
 Concen: 50.647 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021243.D
 Acq: 09 Dec 2021 13:10

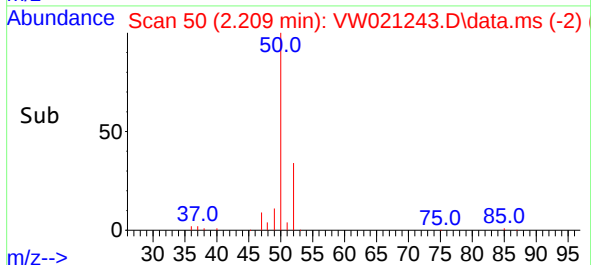
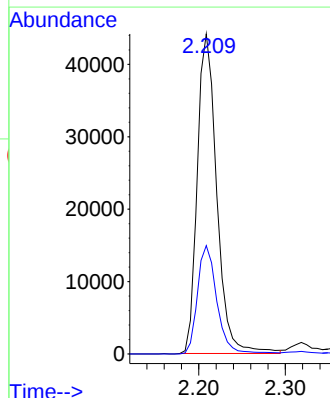
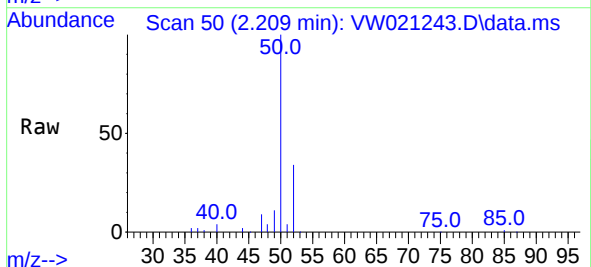
Instrument :
 MSVOA_W
 ClientSampleId :

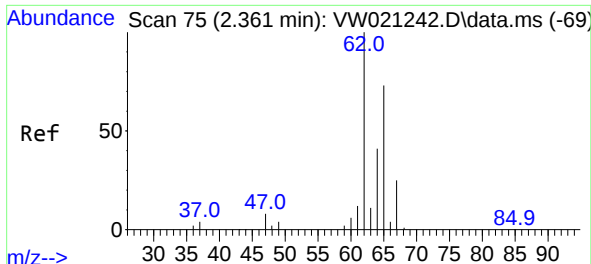
Tgt Ion: 85 Resp: 24274
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 58.876 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021243.D
 Acq: 09 Dec 2021 13:10

Tgt Ion: 50 Resp: 69107
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.4 43.6

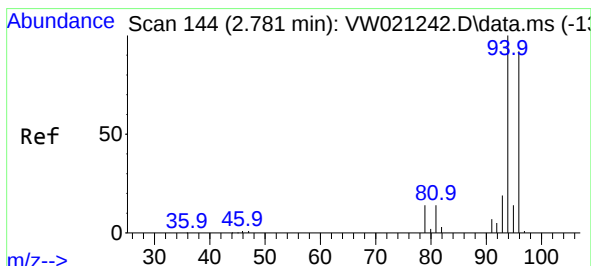
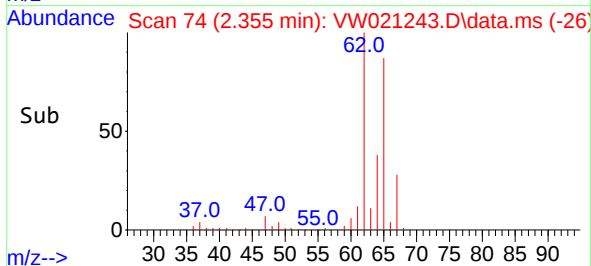
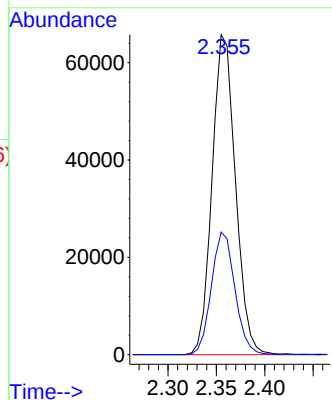
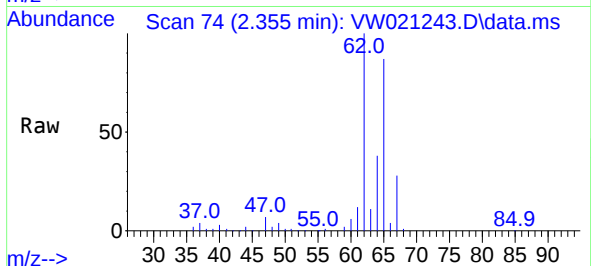




#5
 Vinyl chloride
 Concen: 55.702 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021243.D
 Acq: 09 Dec 2021 13:10

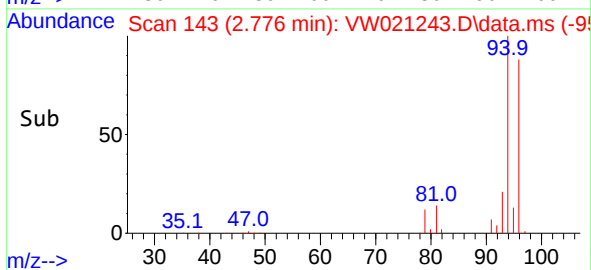
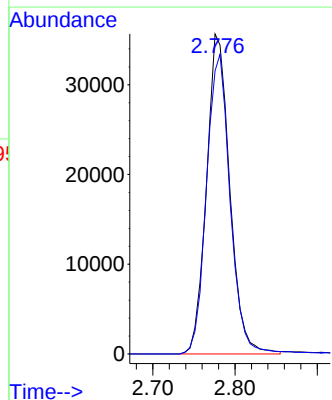
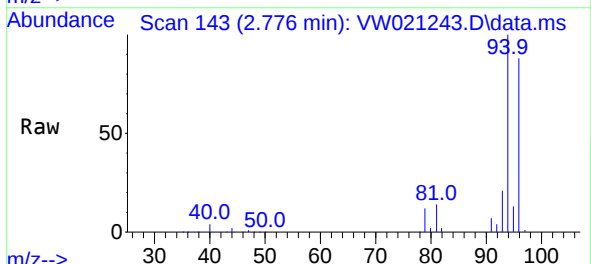
Instrument :
 MSVOA_W
 ClientSampleId :

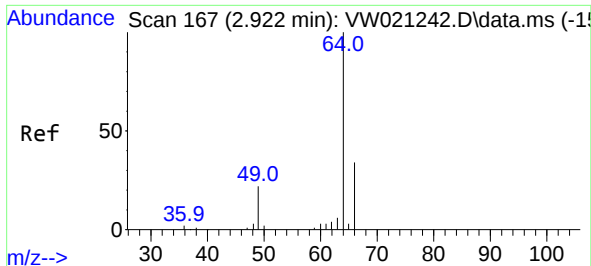
Tgt Ion: 62 Resp: 110314
 Ion Ratio Lower Upper
 62 100
 64 38.3 24.4 45.2



#6
 Bromomethane
 Concen: 52.440 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021243.D
 Acq: 09 Dec 2021 13:10

Tgt Ion: 94 Resp: 70087
 Ion Ratio Lower Upper
 94 100
 96 88.5 64.8 120.4

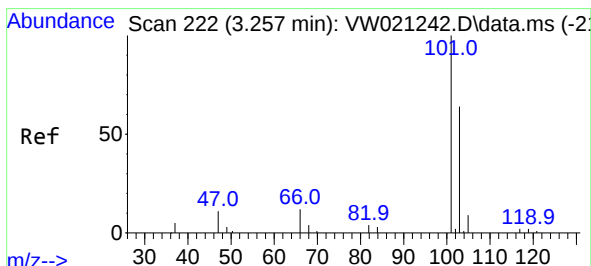
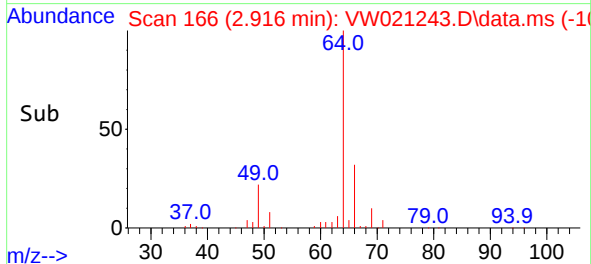
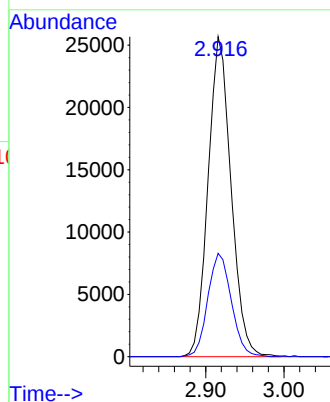
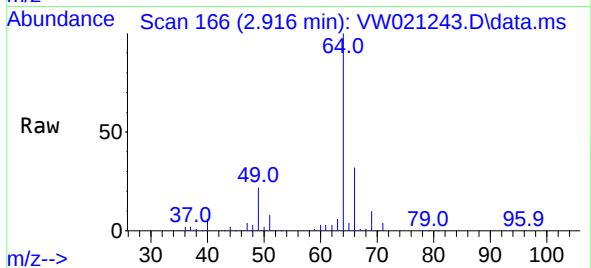




#8
Chloroethane
Concen: 61.142 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

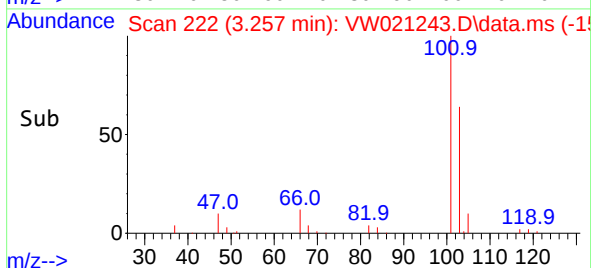
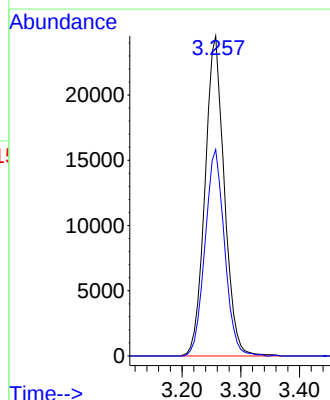
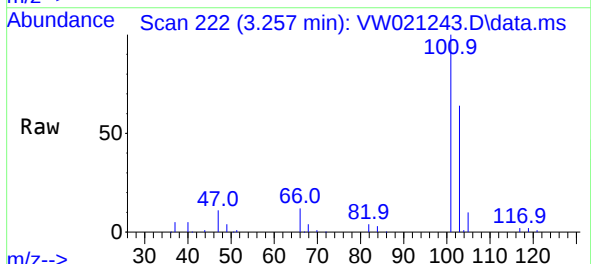
Instrument :
MSVOA_W
ClientSampleId :

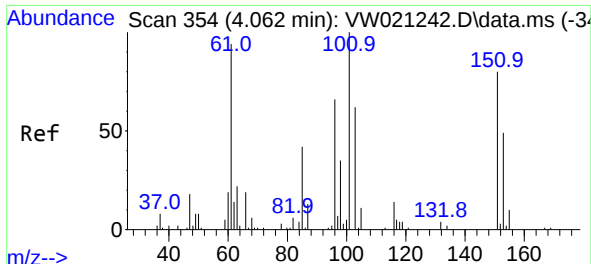
Tgt Ion: 64 Resp: 52268
Ion Ratio Lower Upper
64 100
66 32.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 56.963 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion:101 Resp: 55891
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

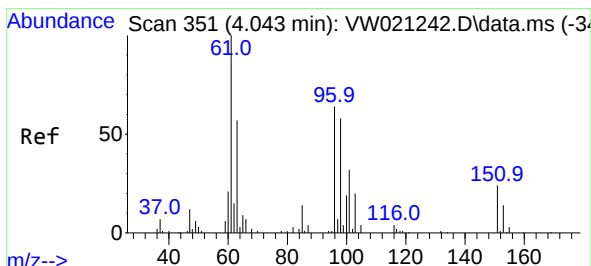
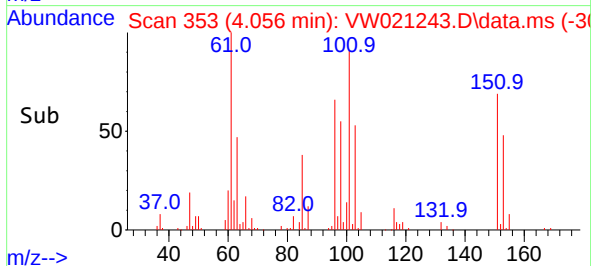
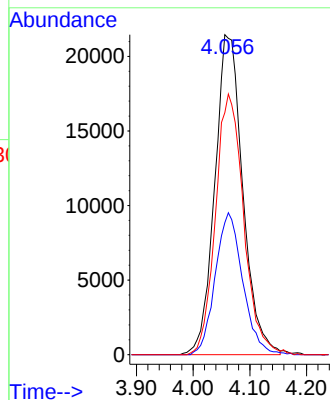
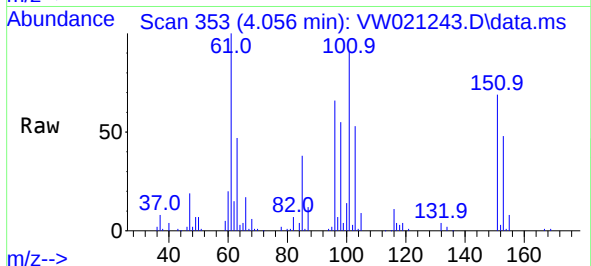




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.258 ug/L
RT: 4.056 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

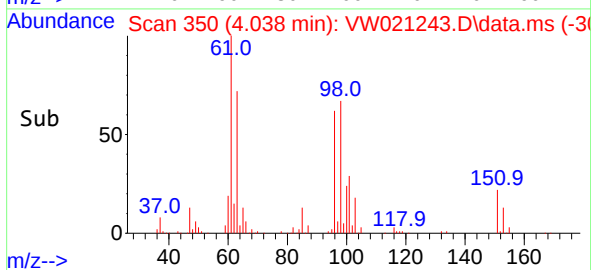
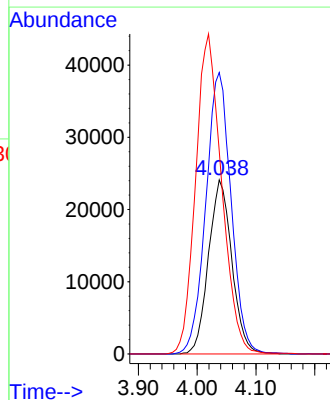
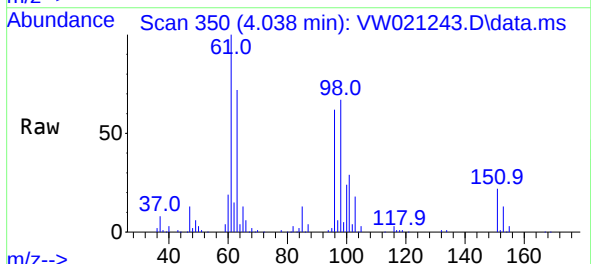
Instrument :
MSVOA_W
ClientSampleId :

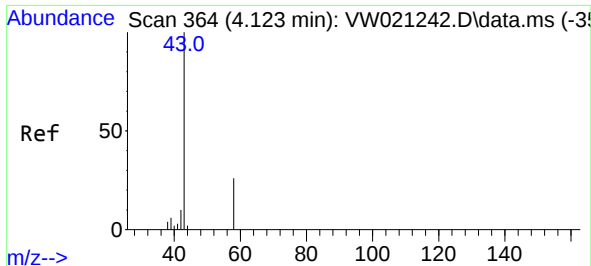
Tgt Ion:101 Resp: 73656
Ion Ratio Lower Upper
101 100
85 43.5 36.6 54.8
151 81.6 57.4 86.0



#12
1,1-Dichloroethene
Concen: 49.335 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion: 96 Resp: 66695
Ion Ratio Lower Upper
96 100
61 161.7 138.3 256.9
63 116.6 82.6 153.4





#13

Acetone

Concen: 61.173 ug/L

RT: 4.153 min Scan# 369

Delta R.T. 0.031 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

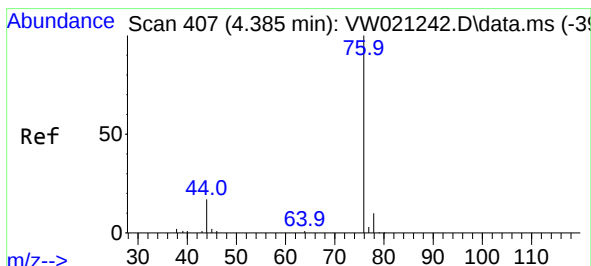
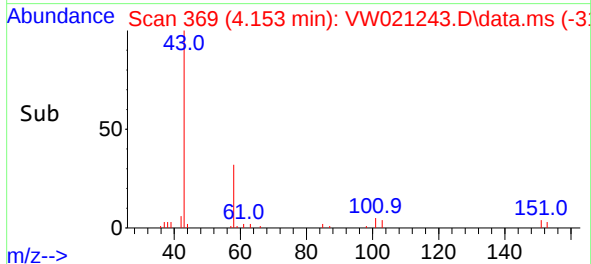
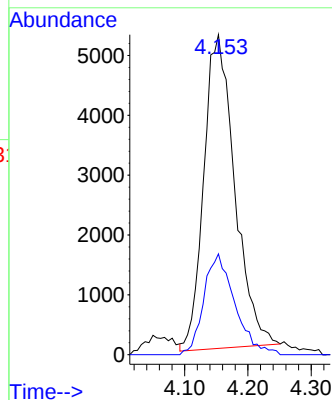
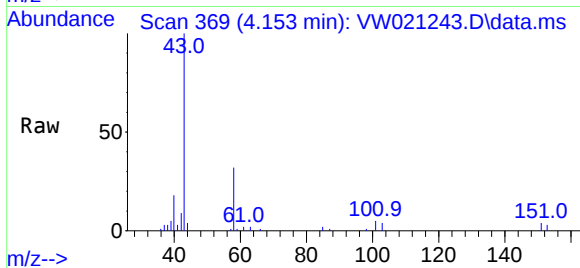
ClientSampleId :

Tgt Ion: 43 Resp: 17822

Ion Ratio Lower Upper

43 100

58 31.9 0.0 52.8



#14

Carbon disulfide

Concen: 50.101 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021243.D

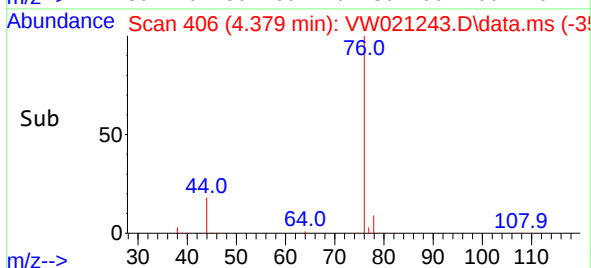
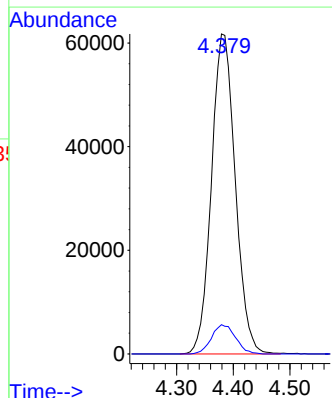
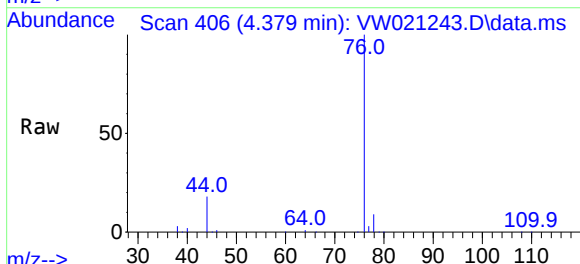
Acq: 09 Dec 2021 13:10

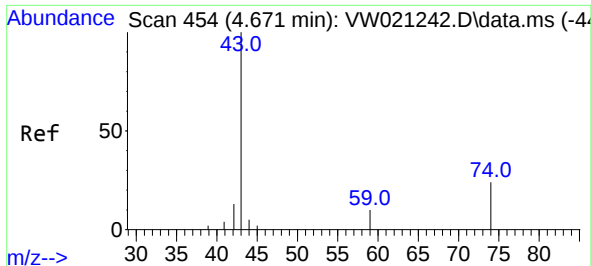
Tgt Ion: 76 Resp: 180056

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

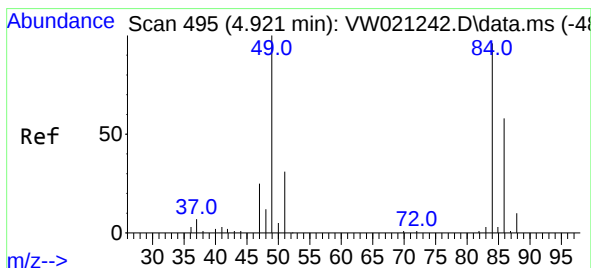
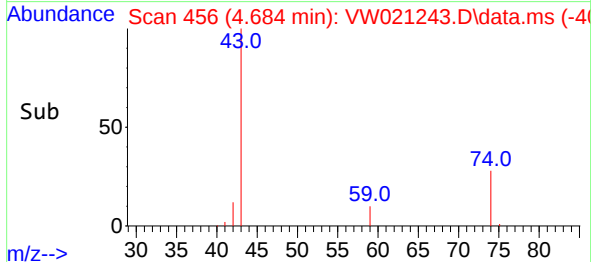
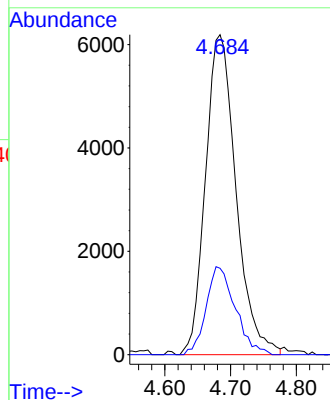
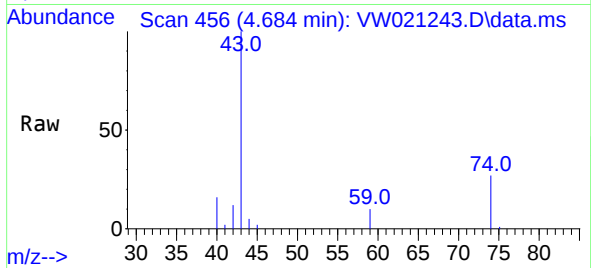




#15
Methyl Acetate
Concen: 39.089 ug/L
RT: 4.684 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

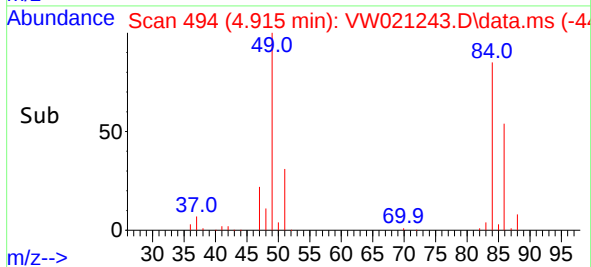
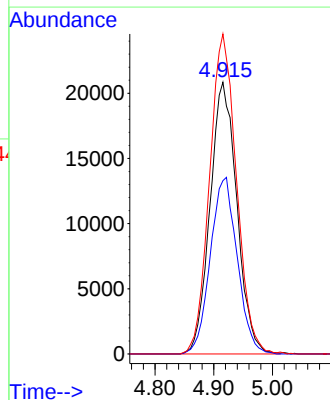
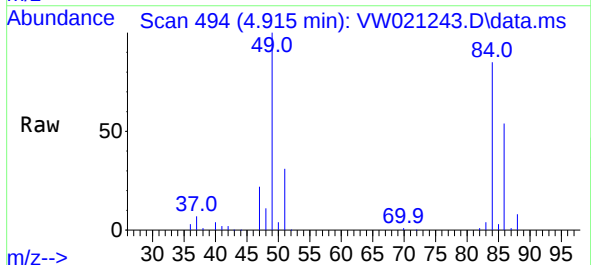
Instrument :
MSVOA_W
ClientSampleId :

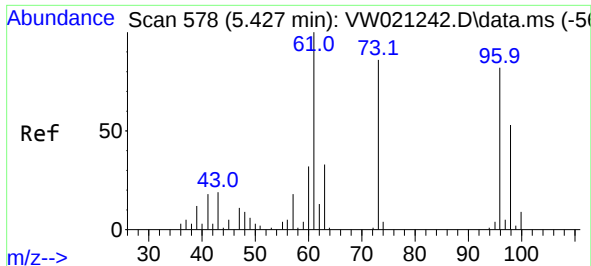
Tgt Ion: 43 Resp: 20016
Ion Ratio Lower Upper
43 100
74 26.2 16.4 24.6#



#16
Methylene chloride
Concen: 41.182 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

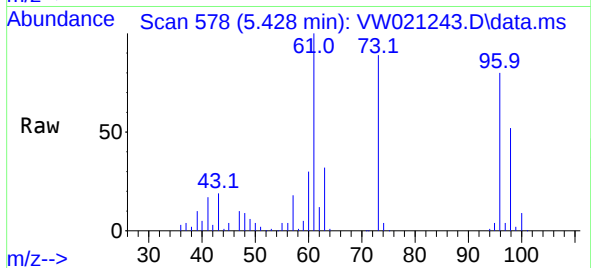
Tgt Ion: 84 Resp: 66085
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 117.8 100.5 186.7



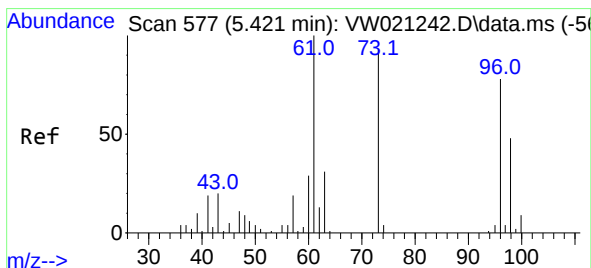
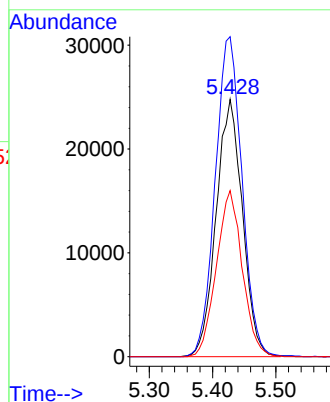
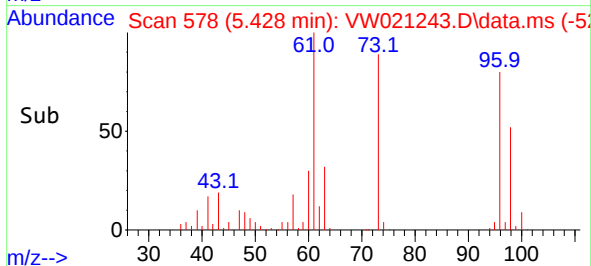


#17
trans-1,2-Dichloroethene
Concen: 50.401 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

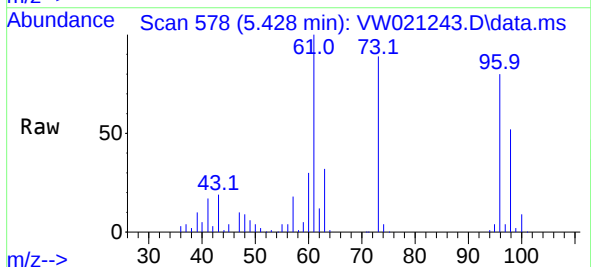
Instrument :
MSVOA_W
ClientSampleId :



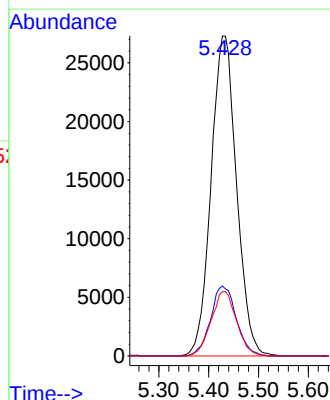
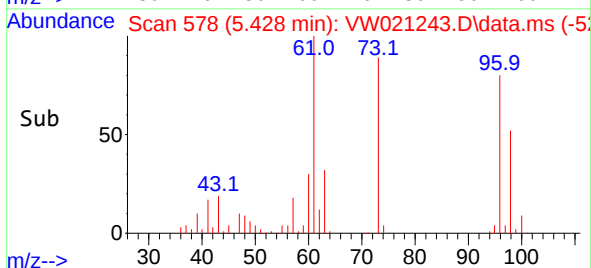
Tgt Ion: 96 Resp: 71540
Ion Ratio Lower Upper
96 100
61 124.4 107.4 199.4
98 64.5 41.2 76.6

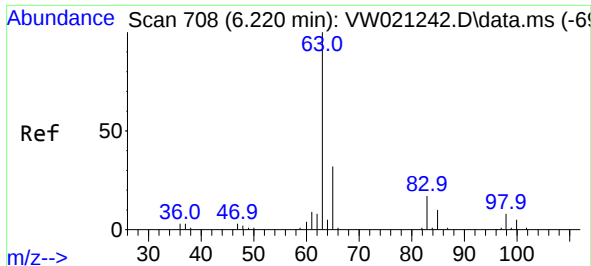


#18
Methyl tert-butyl Ether
Concen: 46.441 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10



Tgt Ion: 73 Resp: 96831
Ion Ratio Lower Upper
73 100
43 22.1 19.5 29.3
57 20.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 50.248 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

ClientSampleId :

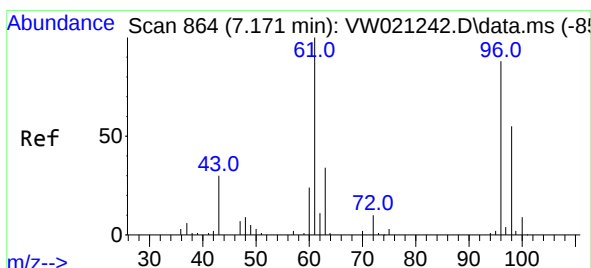
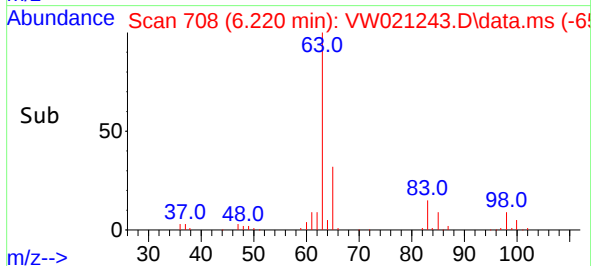
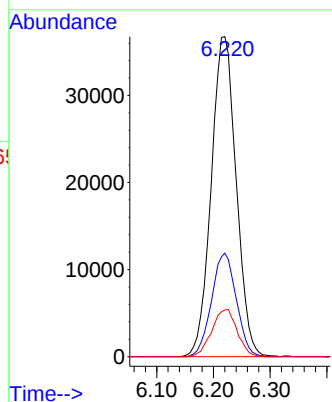
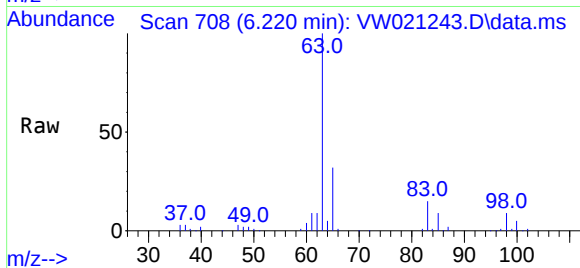
Tgt Ion: 63 Resp: 112449

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 14.6 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 49.850 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

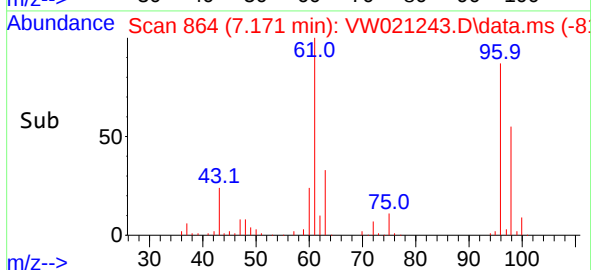
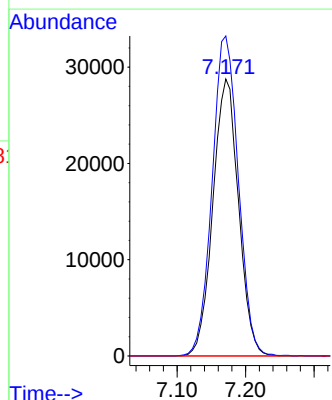
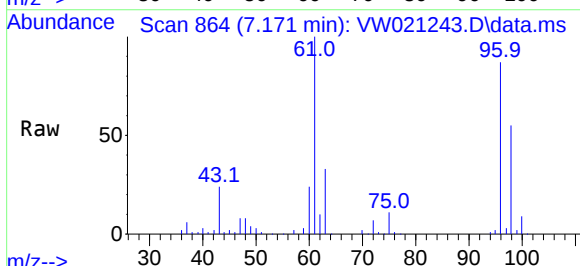
Tgt Ion: 96 Resp: 74580

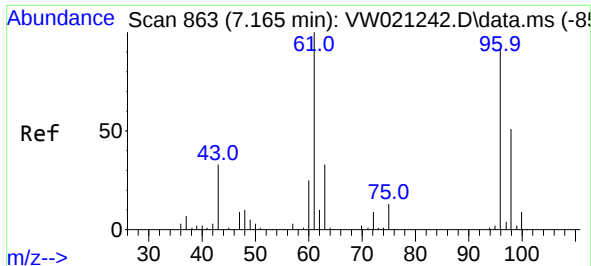
Ion Ratio Lower Upper

96 100

61 115.5 103.7 192.7

68 0.0 0.0 0.0

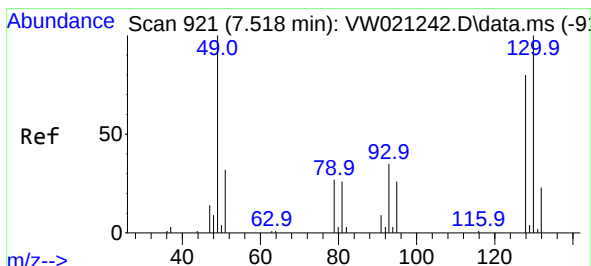
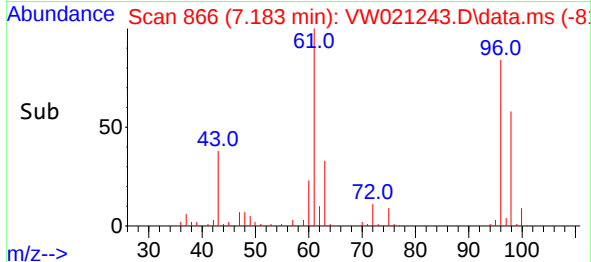
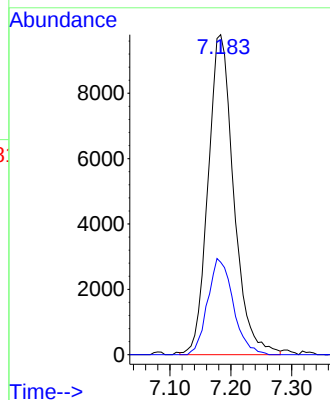
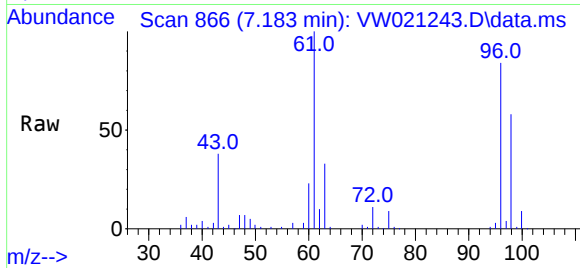




#22
2-Butanone
Concen: 71.106 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.019 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

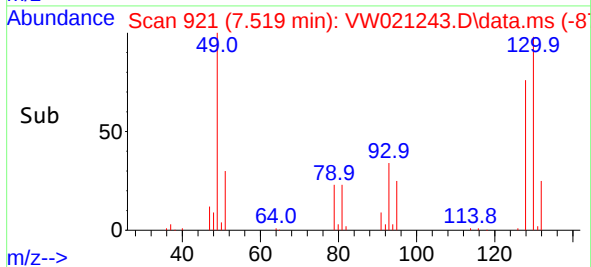
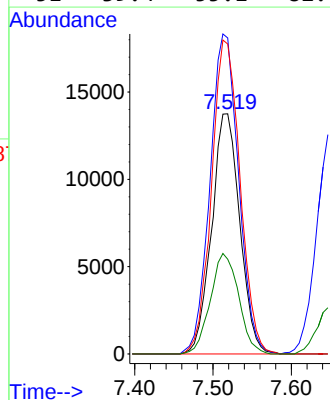
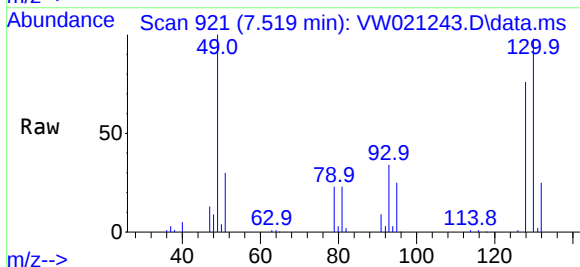
Instrument :
MSVOA_W
ClientSampleId :

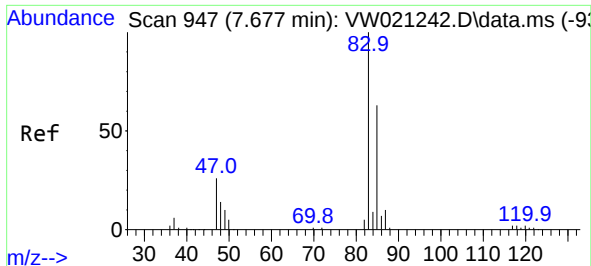
Tgt Ion: 43 Resp: 28684
Ion Ratio Lower Upper
43 100
72 29.8 11.8 35.4



#23
Bromochloromethane
Concen: 49.190 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion: 128 Resp: 34292
Ion Ratio Lower Upper
128 100
49 131.5 150.3 279.1#
130 129.0 88.3 163.9
51 39.4 55.1 82.7#





#25

Chloroform

Concen: 51.058 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

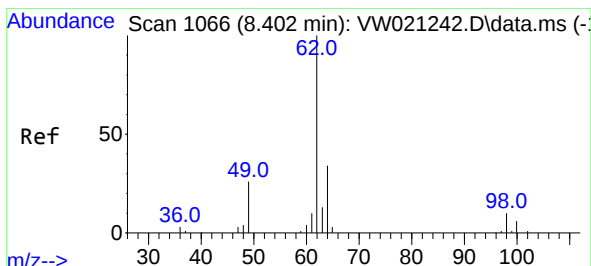
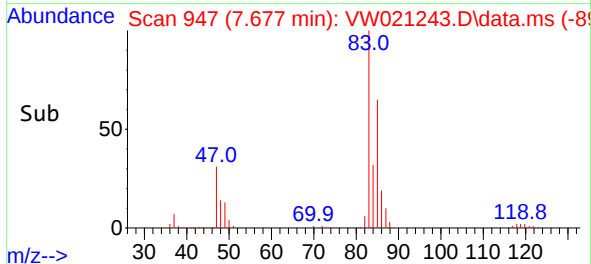
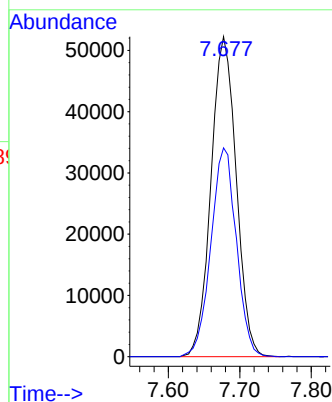
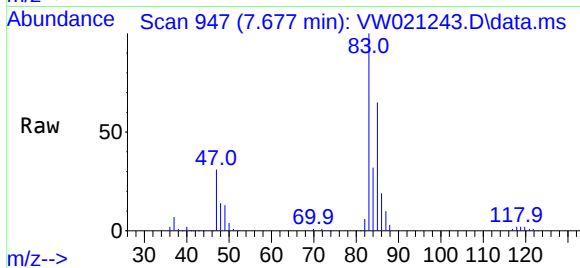
ClientSampleId :

Tgt Ion: 83 Resp: 127968

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.475 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW021243.D

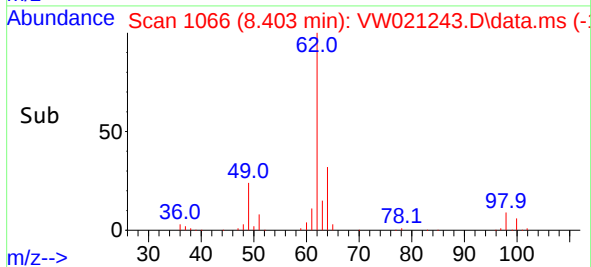
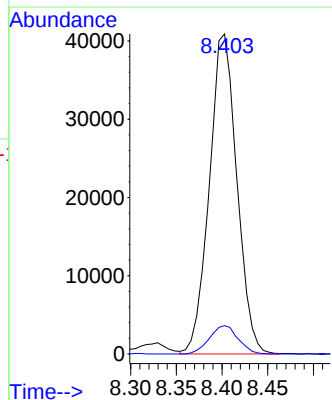
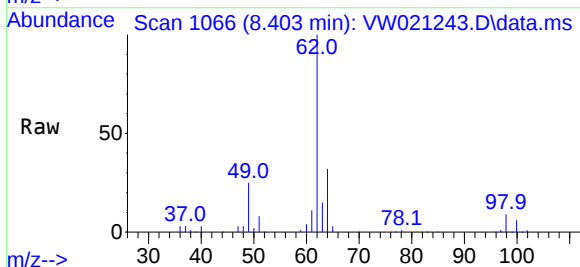
Acq: 09 Dec 2021 13:10

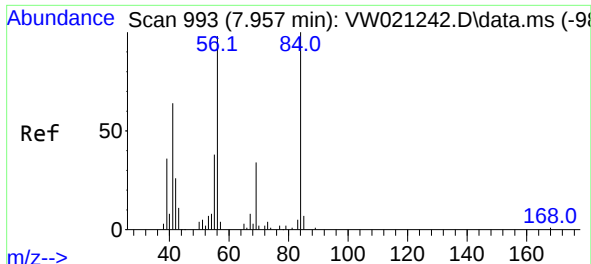
Tgt Ion: 62 Resp: 85879

Ion Ratio Lower Upper

62 100

98 8.9 6.5 9.7





#29

Cyclohexane

Concen: 43.813 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

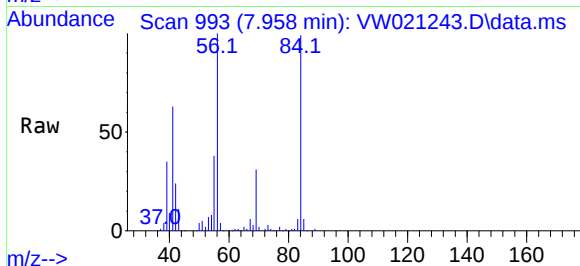
Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

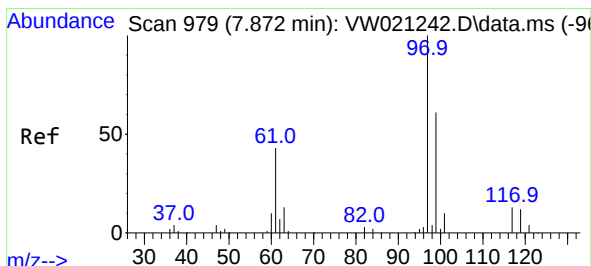
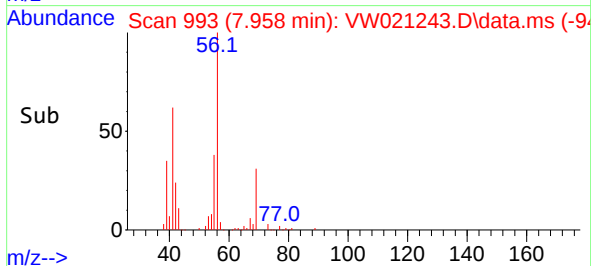
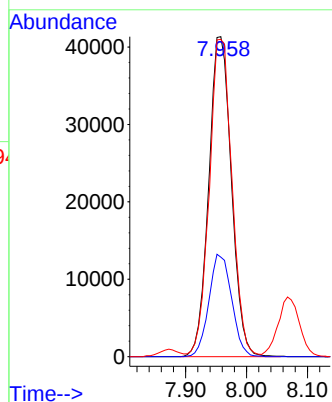
ClientSampleId :



Tgt Ion: 56 Resp: 107036

Ion Ratio Lower Upper

56	100		
69	32.0	23.5	35.3
84	99.6	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 44.359 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

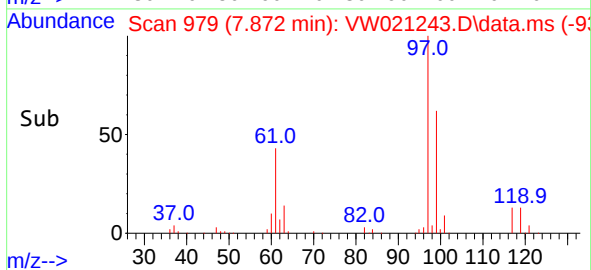
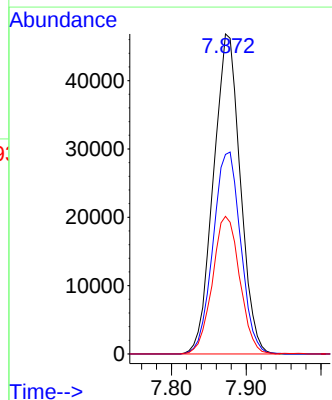
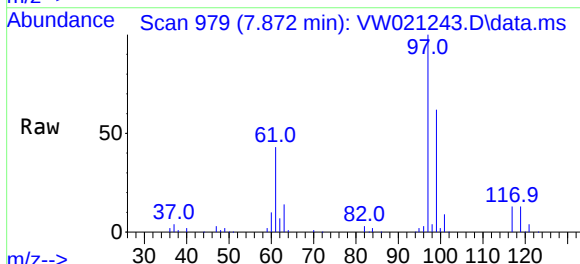
Lab File: VW021243.D

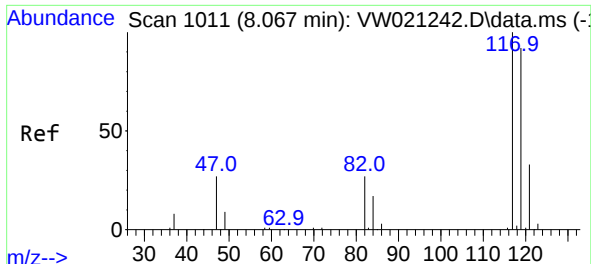
Acq: 09 Dec 2021 13:10

Tgt Ion: 97 Resp: 116966

Ion Ratio Lower Upper

97	100		
99	64.9	51.6	77.4
61	43.7	40.9	61.3

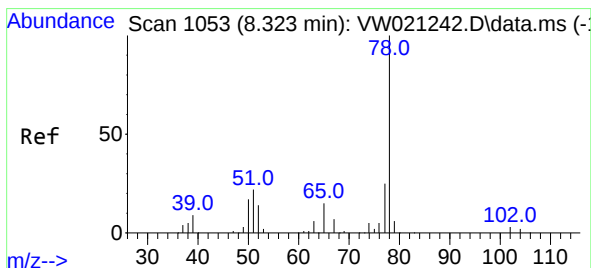
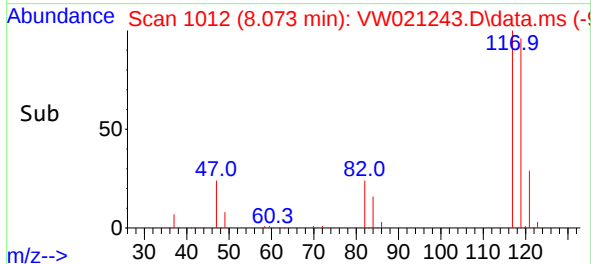
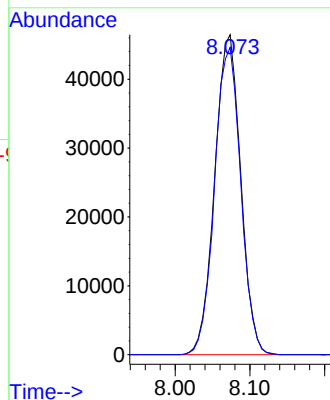
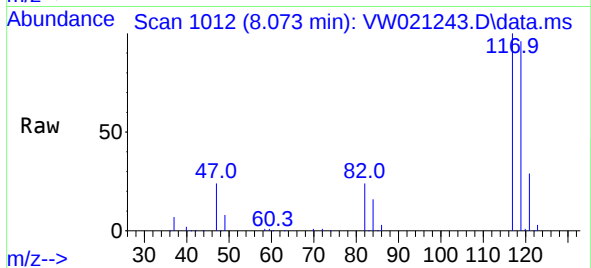




#31
Carbon tetrachloride
Concen: 46.748 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

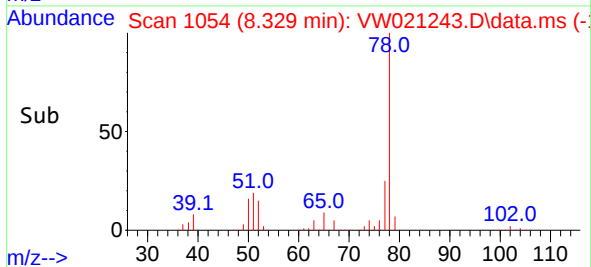
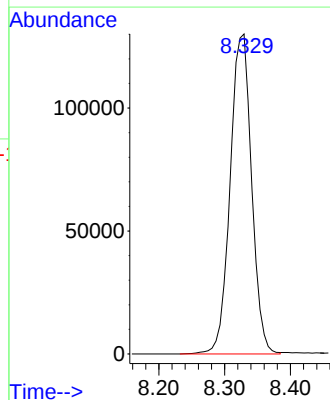
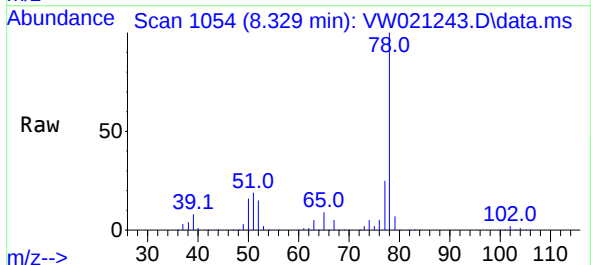
Instrument :
MSVOA_W
ClientSampleId :

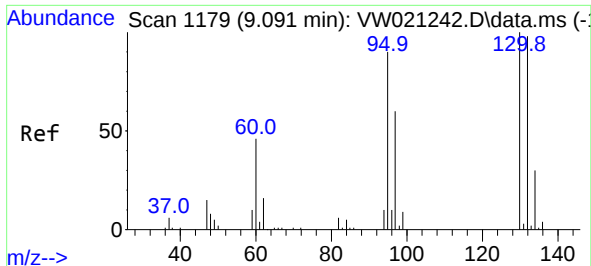
Tgt Ion:117 Resp: 112407
Ion Ratio Lower Upper
117 100
119 96.6 75.7 113.5



#33
Benzene
Concen: 46.353 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

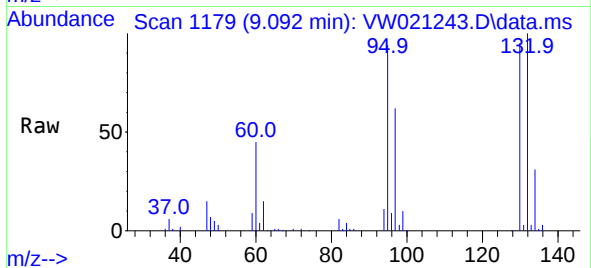
Tgt Ion: 78 Resp: 295108



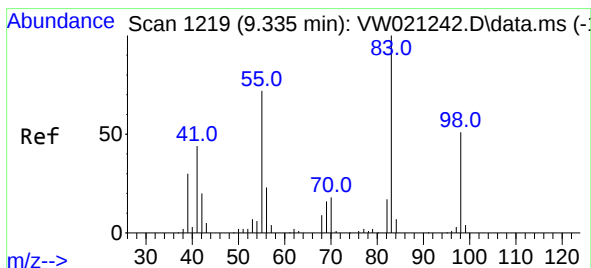
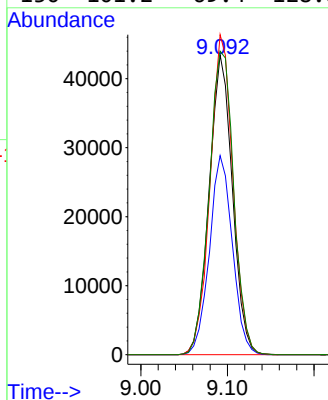
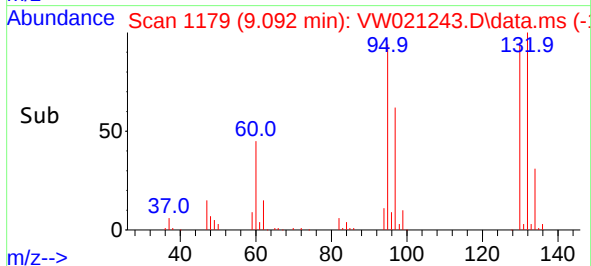


#34
Trichloroethene
Concen: 46.128 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

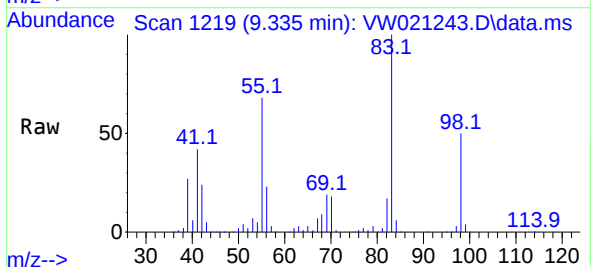
Instrument :
MSVOA_W
ClientSampleId :



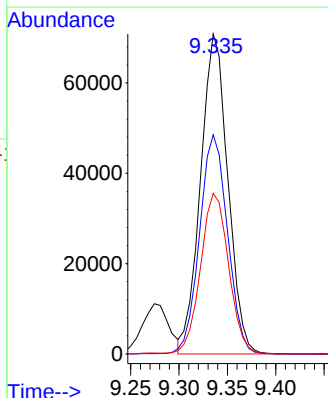
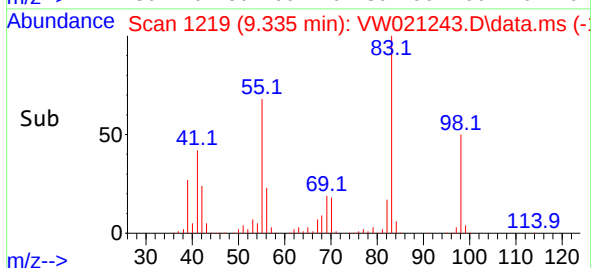
Tgt Ion: 95 Resp: 81052
Ion Ratio Lower Upper
95 100
97 66.4 47.0 87.2
132 106.7 65.5 121.6
130 101.2 69.4 128.8

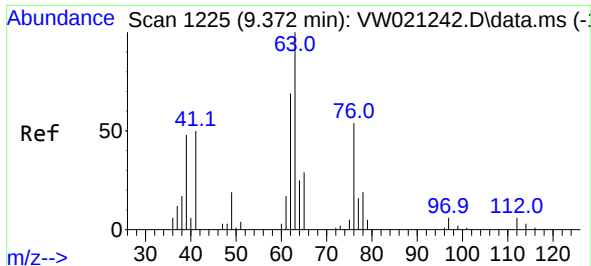


#35
Methylcyclohexane
Concen: 46.819 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10



Tgt Ion: 83 Resp: 139092
Ion Ratio Lower Upper
83 100
55 70.2 70.8 106.2#
98 51.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 46.769 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

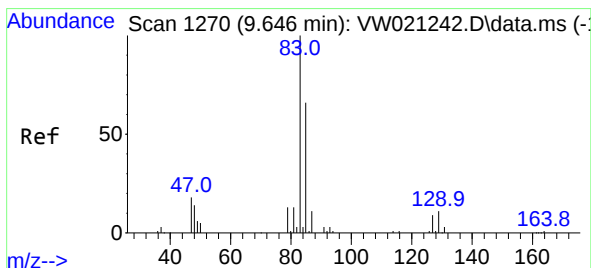
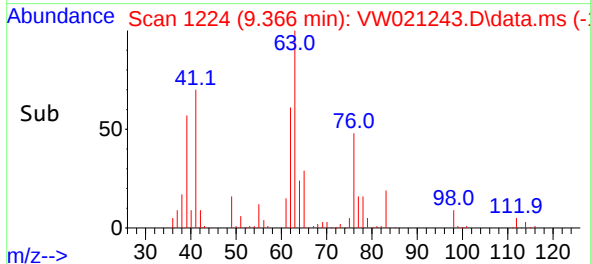
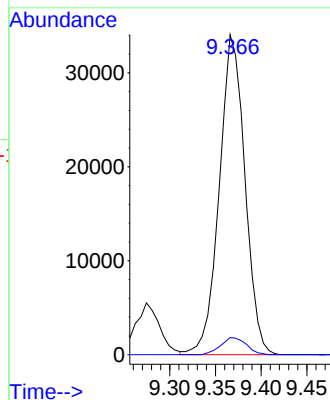
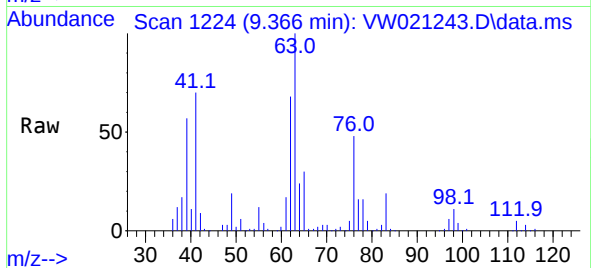
ClientSampleId :

Tgt Ion: 63 Resp: 66495

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 47.535 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

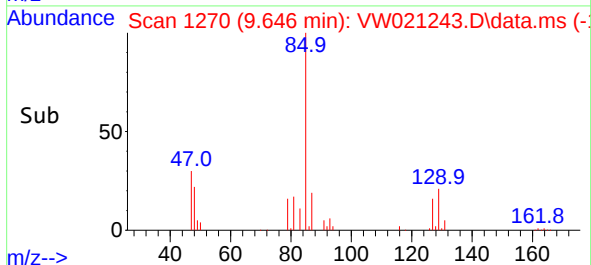
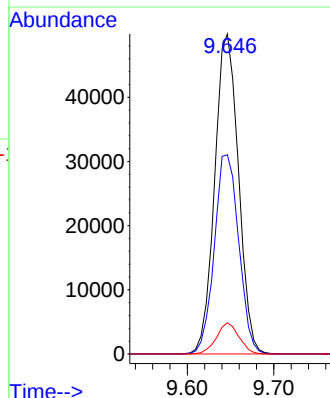
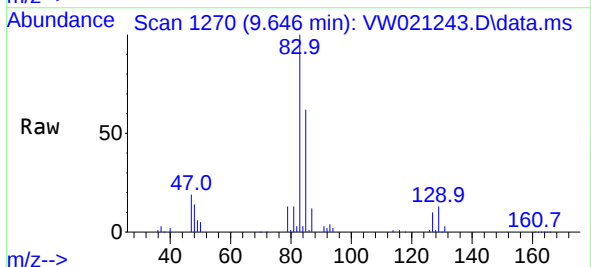
Tgt Ion: 83 Resp: 95019

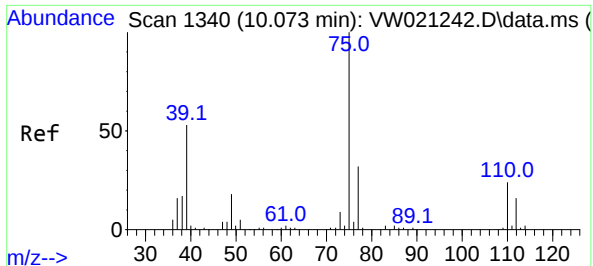
Ion Ratio Lower Upper

83 100

85 62.2 44.1 81.9

127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 49.795 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

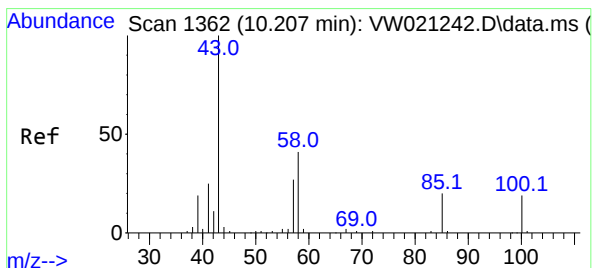
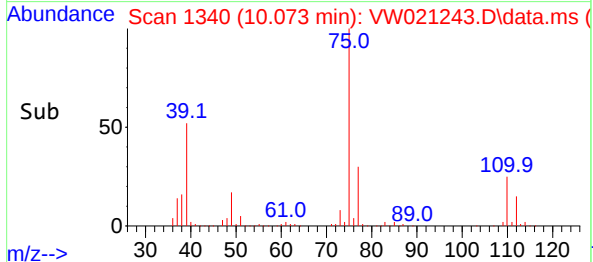
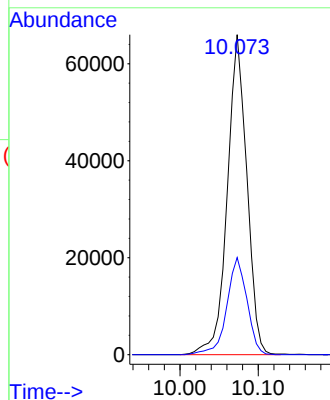
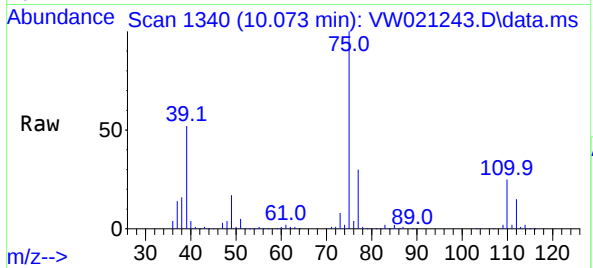
ClientSampleId :

Tgt Ion: 75 Resp: 114406

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 76.975 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

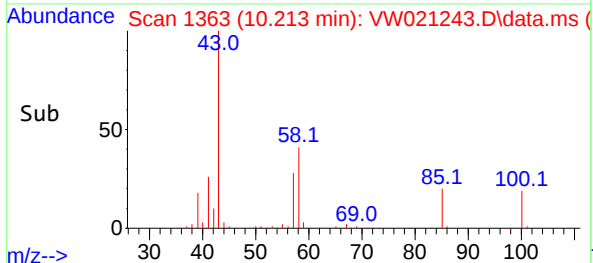
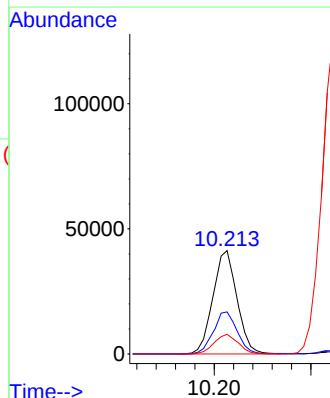
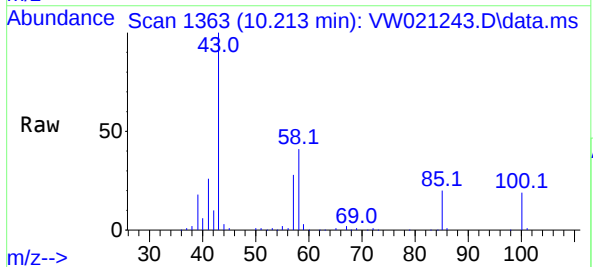
Tgt Ion: 43 Resp: 71388

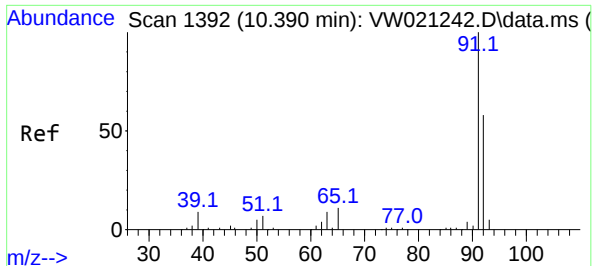
Ion Ratio Lower Upper

43 100

58 40.3 28.8 43.2

100 18.9 10.0 15.0#





#42

Toluene

Concen: 49.457 ug/L

RT: 10.390 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

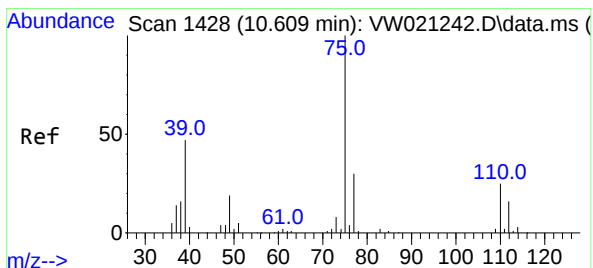
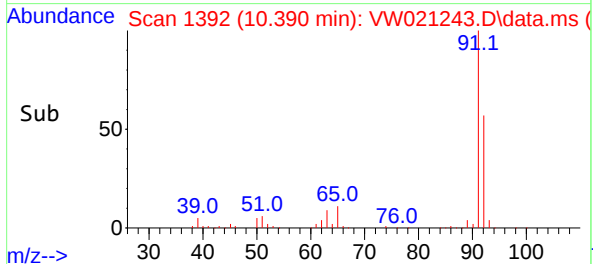
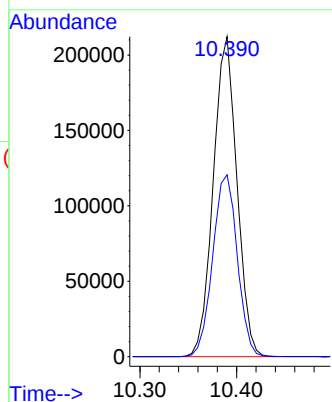
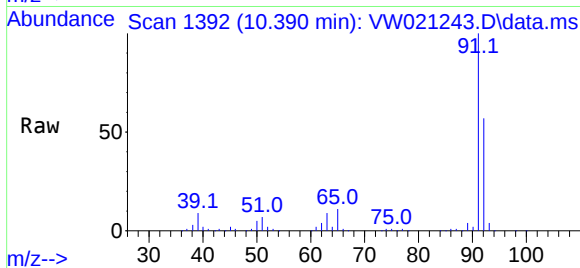
ClientSampleId :

Tgt Ion: 91 Resp: 360220

Ion Ratio Lower Upper

91 100

92 56.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 51.498 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW021243.D

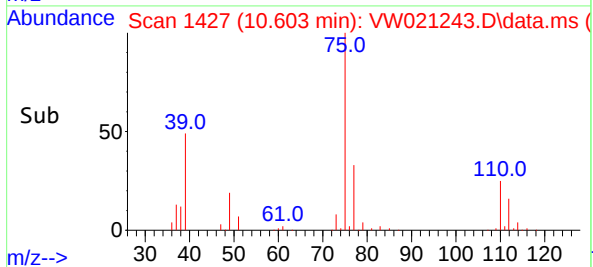
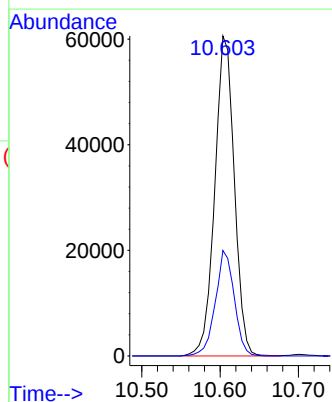
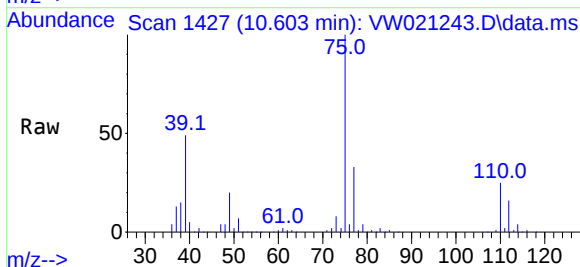
Acq: 09 Dec 2021 13:10

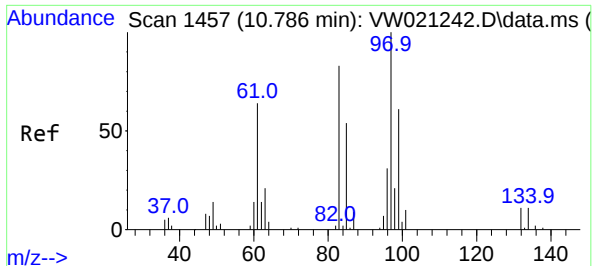
Tgt Ion: 75 Resp: 105148

Ion Ratio Lower Upper

75 100

77 32.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 46.027 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 55415

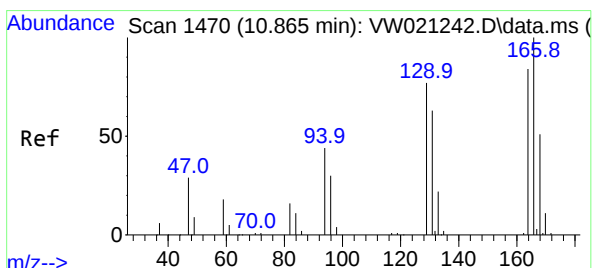
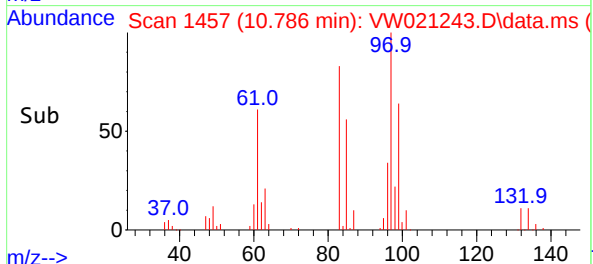
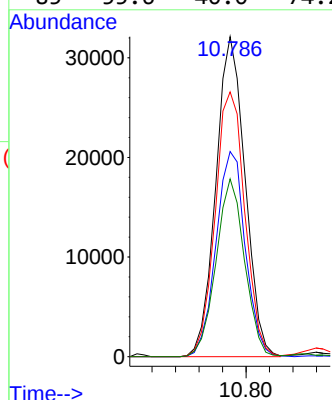
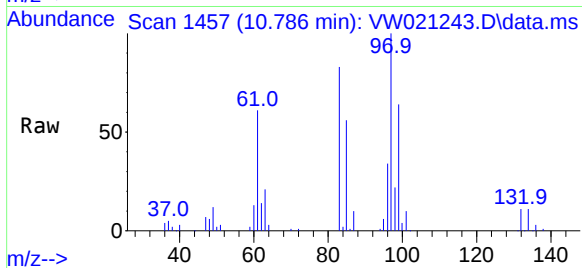
Ion Ratio Lower Upper

97 100

99 64.1 43.0 79.8

83 82.7 62.6 116.3

85 55.6 40.0 74.2



#46

Tetrachloroethene

Concen: 50.512 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Tgt Ion:164 Resp: 83650

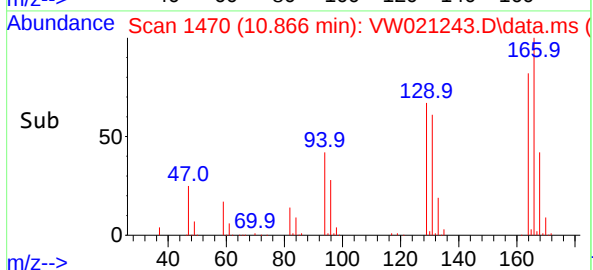
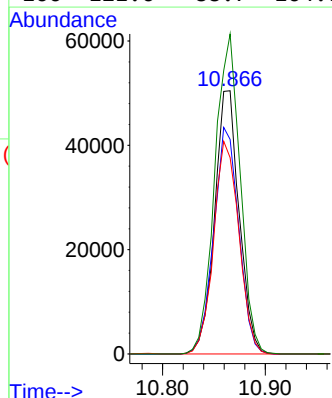
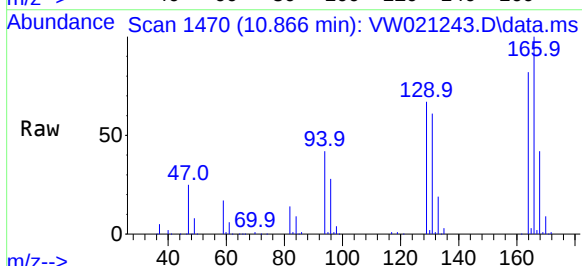
Ion Ratio Lower Upper

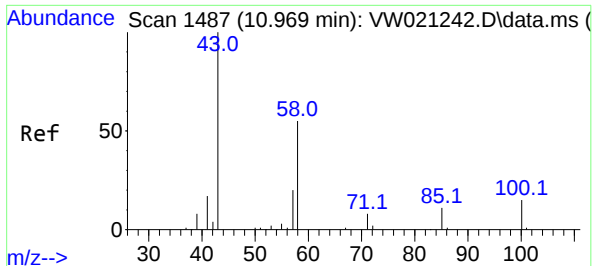
164 100

129 81.5 65.5 121.7

131 74.6 59.7 110.9

166 121.6 88.7 164.7

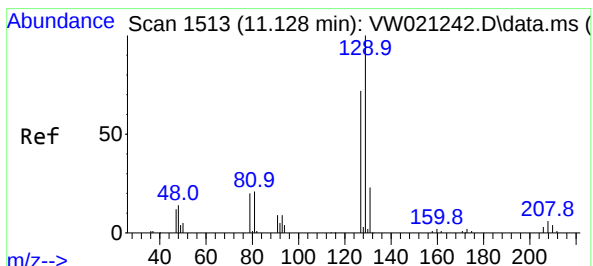
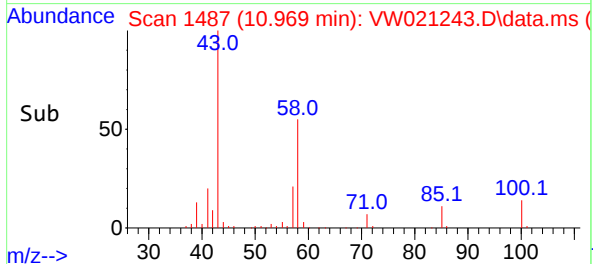
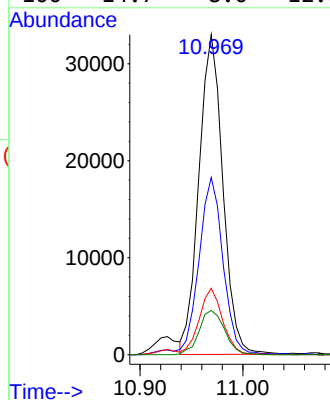
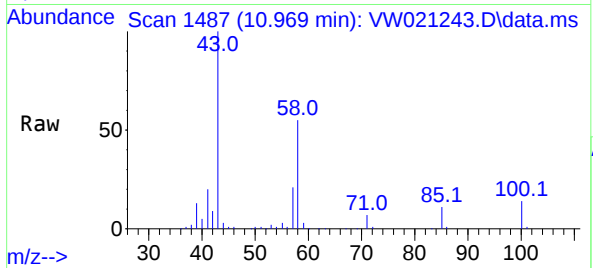




#48
2-Hexanone
Concen: 79.912 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

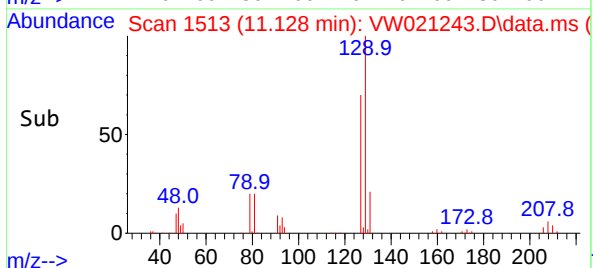
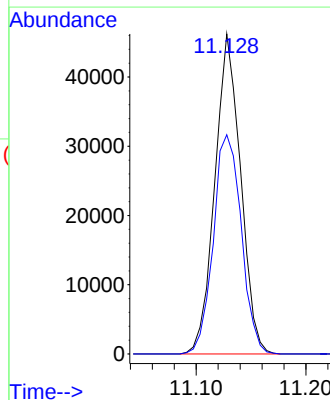
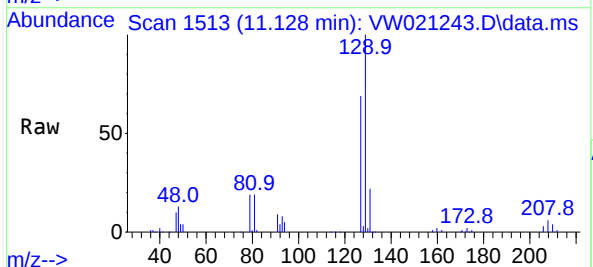
Instrument :
MSVOA_W
ClientSampleId :

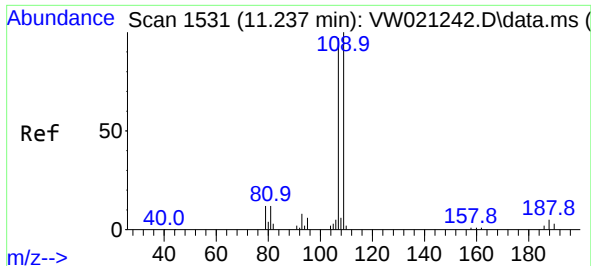
Tgt Ion: 43 Resp: 53501
Ion Ratio Lower Upper
43 100
58 55.5 40.2 60.2
57 20.3 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 51.269 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion:129 Resp: 75500
Ion Ratio Lower Upper
129 100
127 68.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 46.437 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021243.D

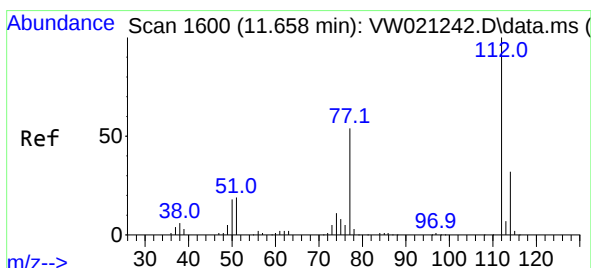
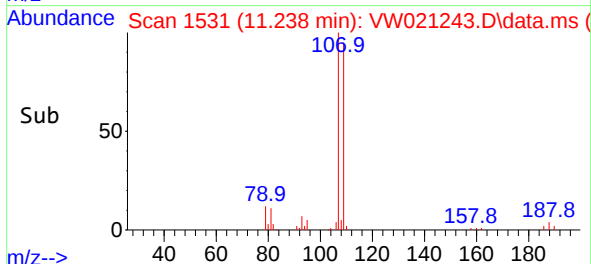
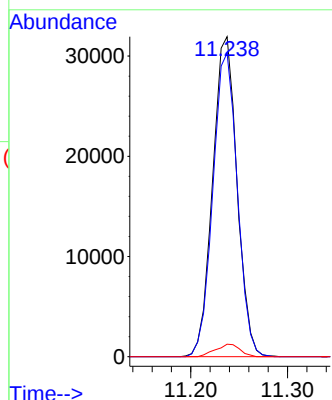
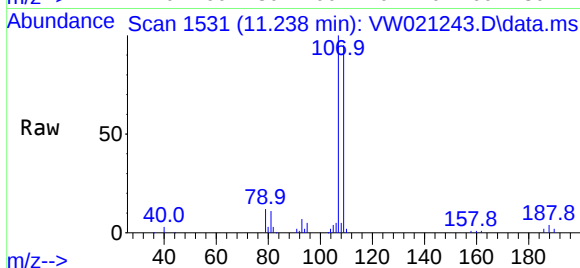
Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	55857
Ion Ratio	Lower	Upper
107	100	
109	94.9	64.1 119.1
188	3.9	2.6 3.8#



#51

Chlorobenzene

Concen: 49.122 ug/L

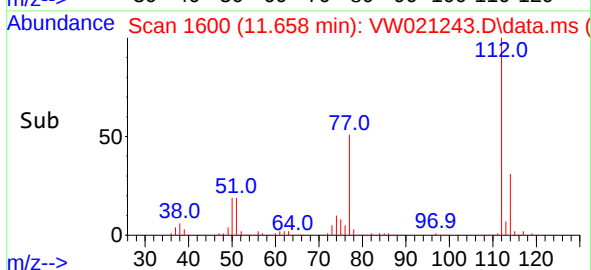
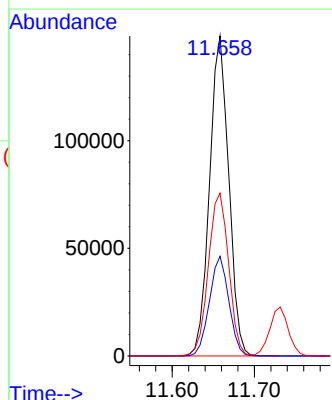
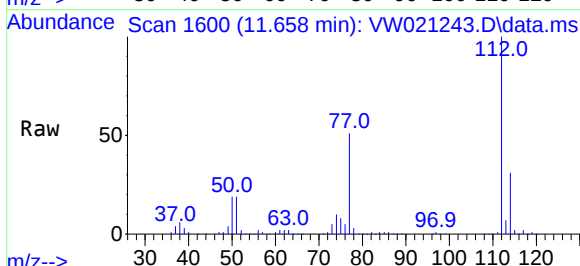
RT: 11.658 min Scan# 1600

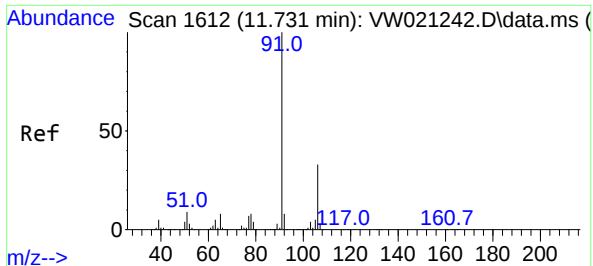
Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Tgt Ion:112	Resp:	240691
Ion Ratio	Lower	Upper
112	100	
114	31.1	22.4 41.6
77	50.9	50.2 75.4





#52

Ethylbenzene

Concen: 50.466 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

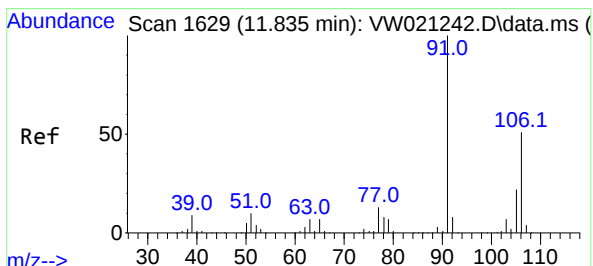
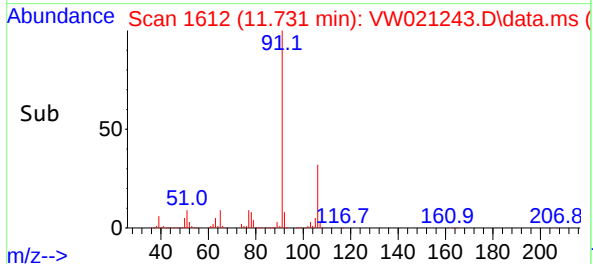
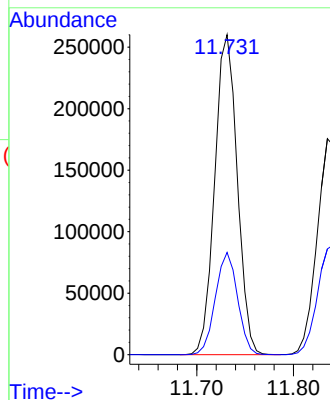
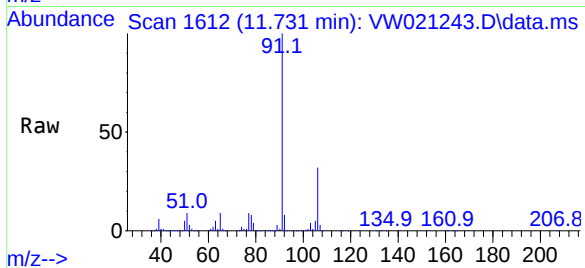
ClientSampleId :

Tgt Ion: 91 Resp: 420748

Ion Ratio Lower Upper

91 100

106 32.0 21.5 39.9



#53

m,p-Xylene

Concen: 49.205 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021243.D

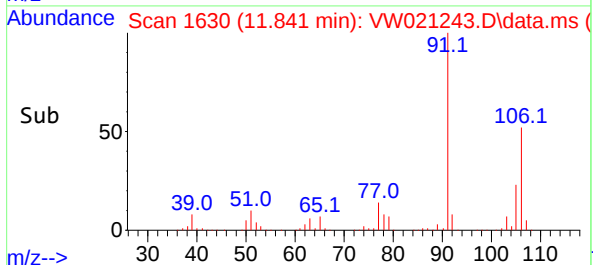
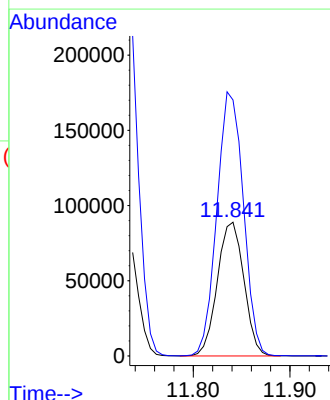
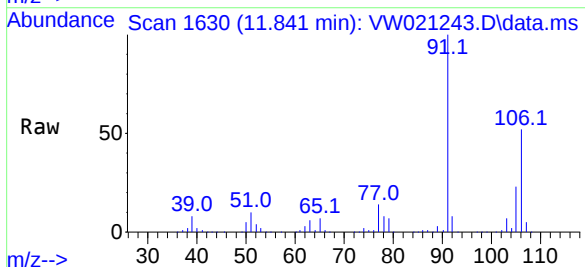
Acq: 09 Dec 2021 13:10

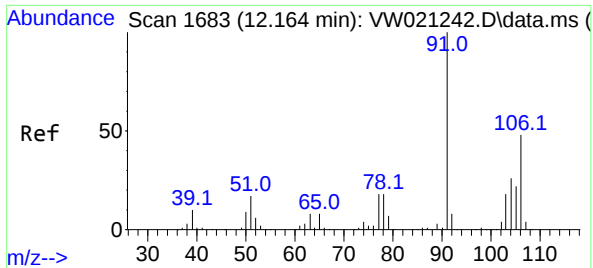
Tgt Ion:106 Resp: 169543

Ion Ratio Lower Upper

106 100

91 191.3 149.9 278.3

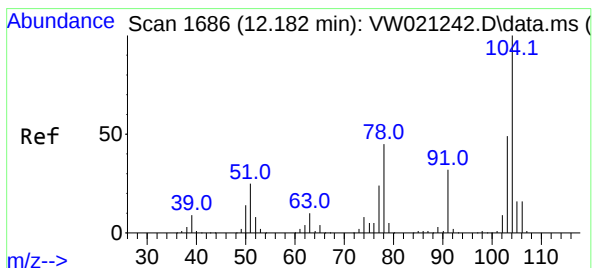
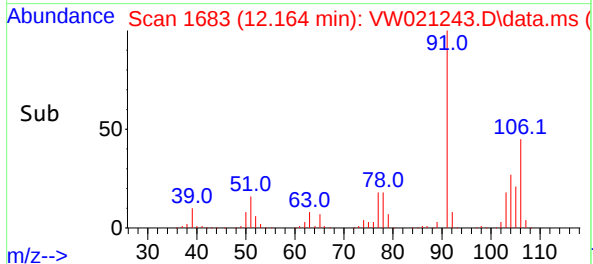
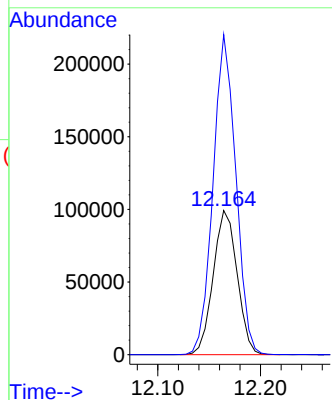
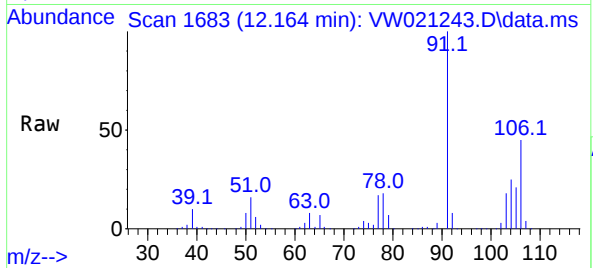




#54
o-Xylene
Concen: 49.506 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

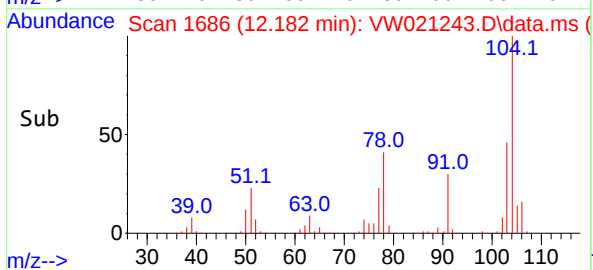
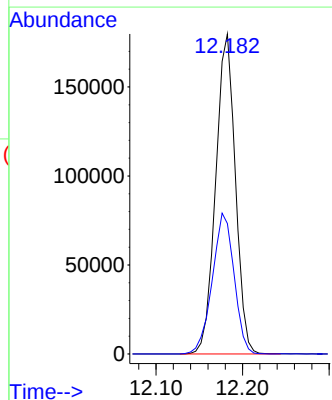
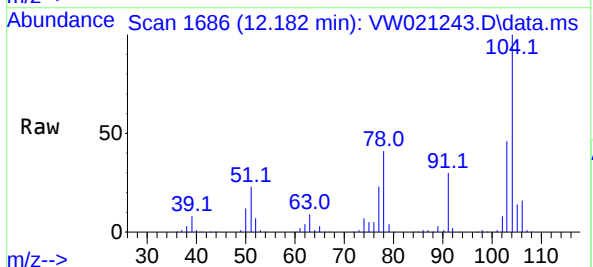
Instrument :
MSVOA_W
ClientSampleId :

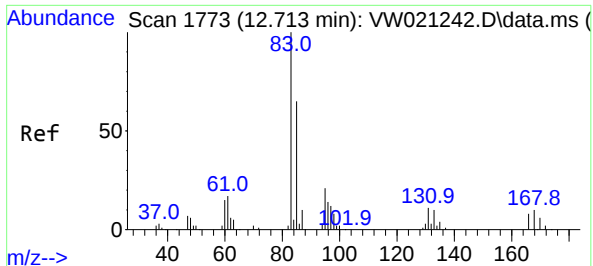
Tgt Ion:106 Resp: 160417
Ion Ratio Lower Upper
106 100
91 221.9 153.6 285.3



#55
Styrene
Concen: 51.140 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion:104 Resp: 283675
Ion Ratio Lower Upper
104 100
78 40.8 34.4 64.0

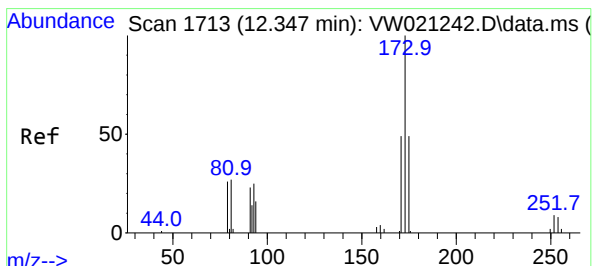
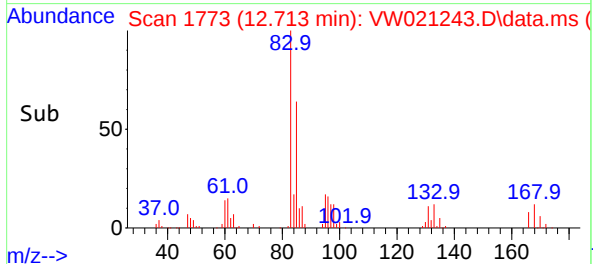
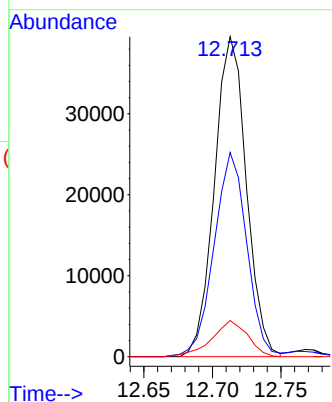
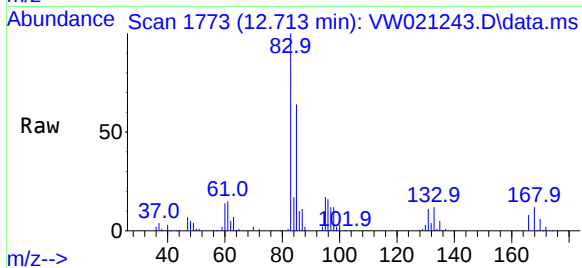




#57
1,1,2,2-Tetrachloroethane
Concen: 44.884 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

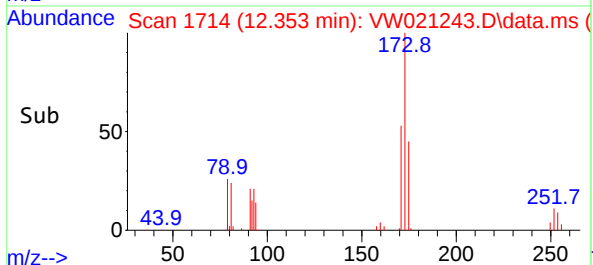
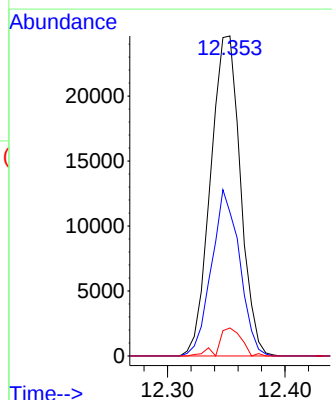
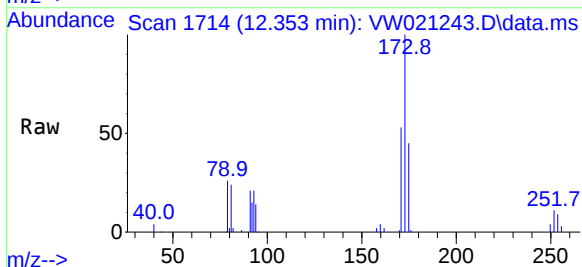
Instrument :
MSVOA_W
ClientSampleId :

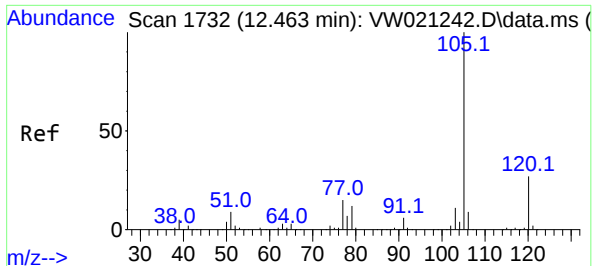
Tgt Ion: 83 Resp: 64076
Ion Ratio Lower Upper
83 100
85 63.8 44.0 81.6
131 11.3 6.9 10.3#



#59
Bromoform
Concen: 50.925 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion:173 Resp: 43482
Ion Ratio Lower Upper
173 100
175 48.7 39.6 59.4
254 5.8 7.4 11.0#

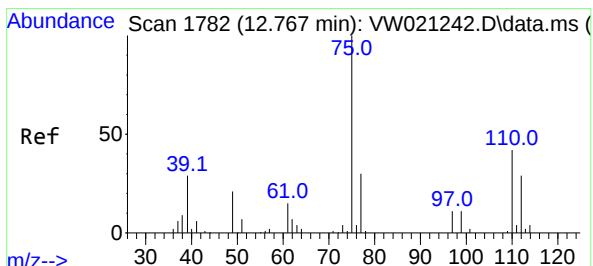
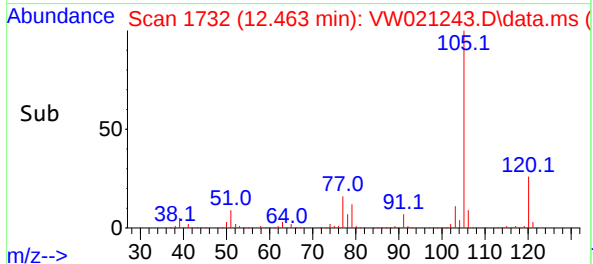
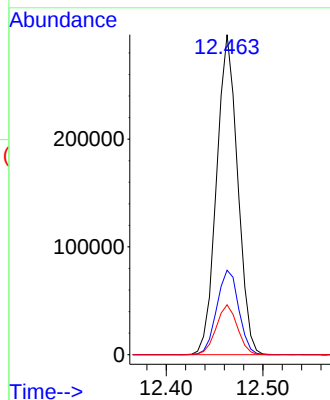
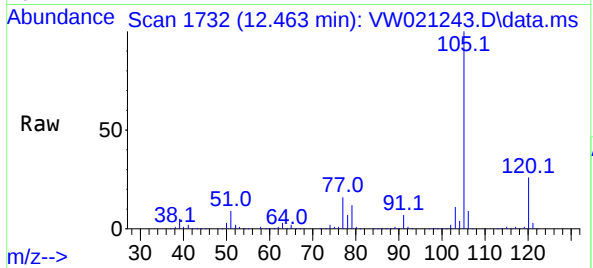




#60
Isopropylbenzene
Concen: 51.160 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

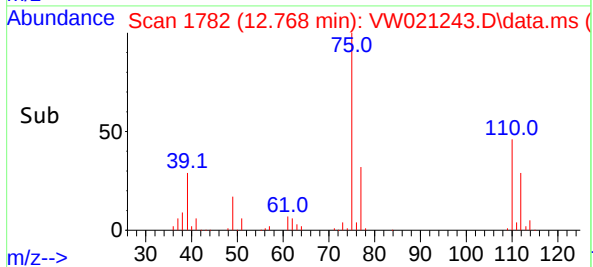
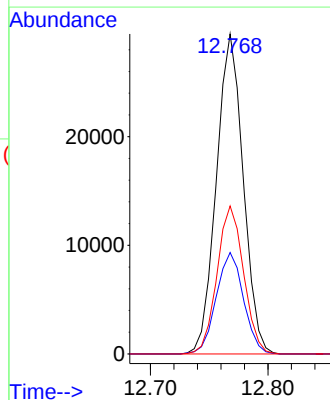
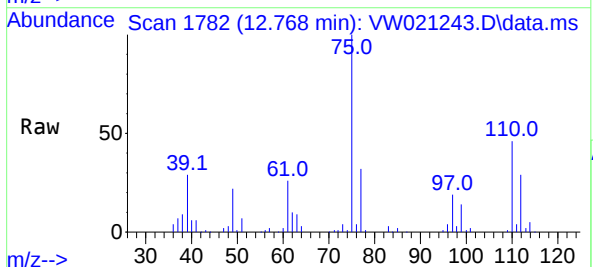
Instrument :
MSVOA_W
ClientSampleId :

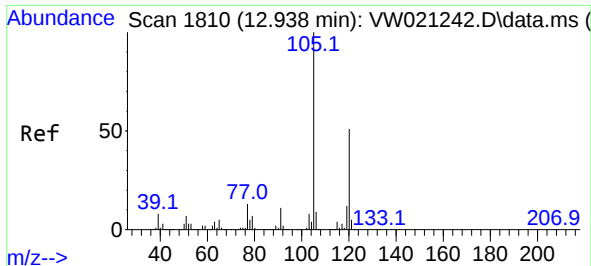
Tgt Ion:105 Resp: 449149
Ion Ratio Lower Upper
105 100
120 27.4 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 45.756 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion: 75 Resp: 46721
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 45.8 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 52.694 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

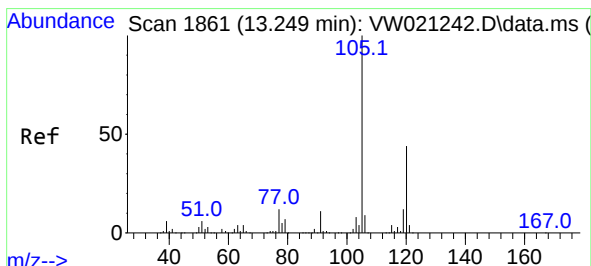
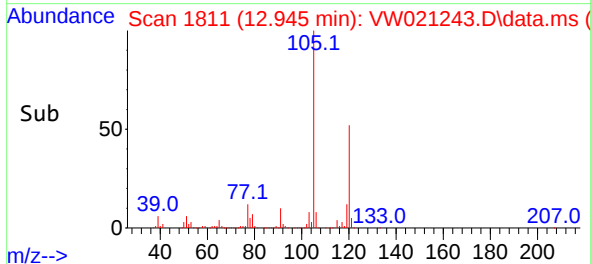
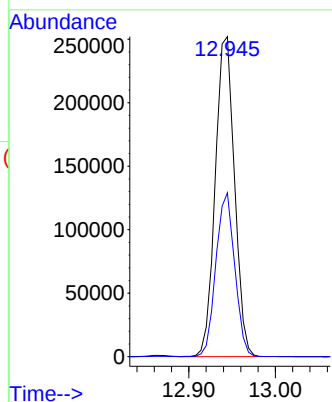
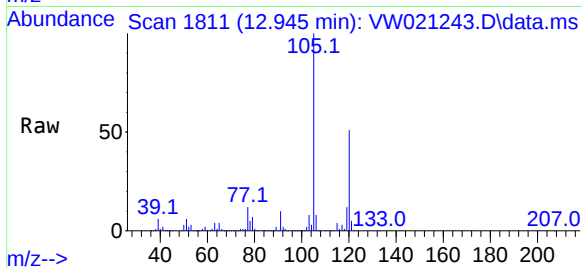
ClientSampleId :

Tgt Ion:105 Resp: 389350

Ion Ratio Lower Upper

105 100

120 50.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 52.406 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021243.D

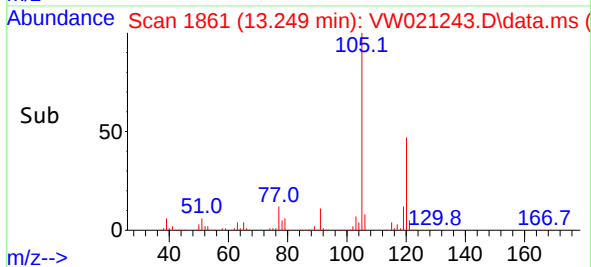
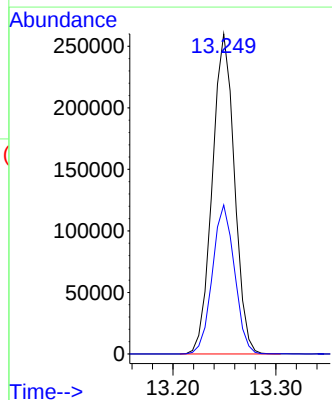
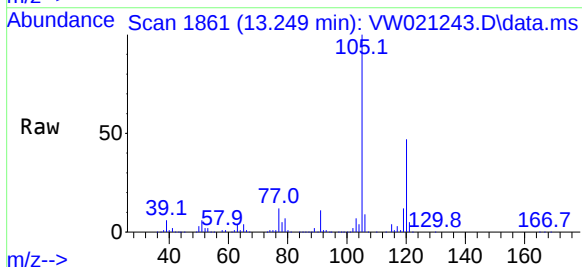
Acq: 09 Dec 2021 13:10

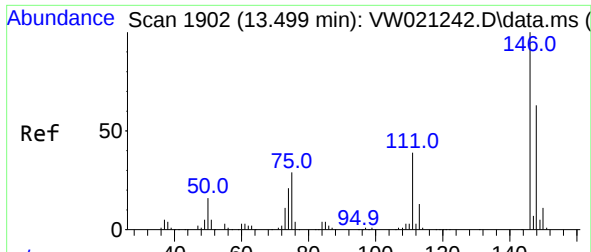
Tgt Ion:105 Resp: 388373

Ion Ratio Lower Upper

105 100

120 46.5 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 51.266 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

Instrument :

MSVOA_W

ClientSampleId :

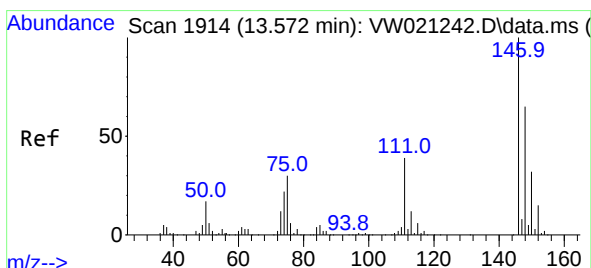
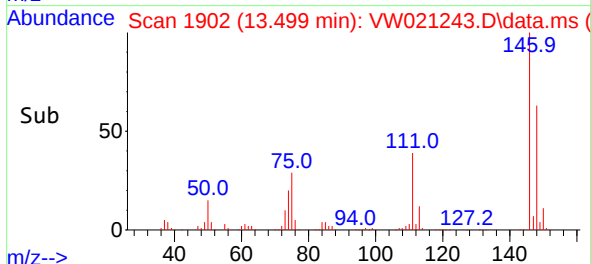
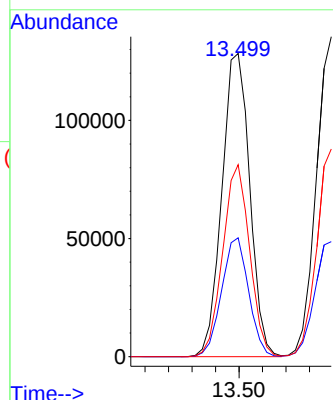
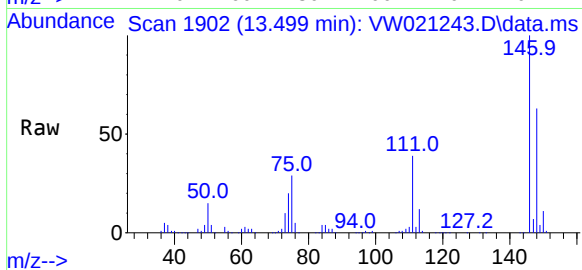
Tgt Ion:146 Resp: 211223

Ion Ratio Lower Upper

146 100

111 39.2 29.8 55.3

148 63.3 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 50.753 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW021243.D

Acq: 09 Dec 2021 13:10

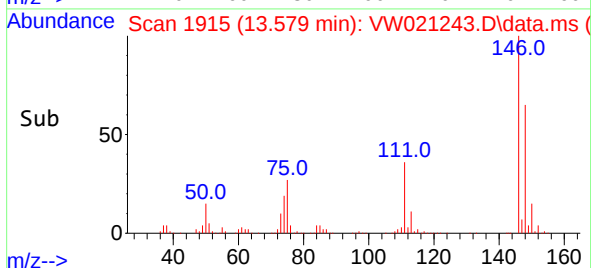
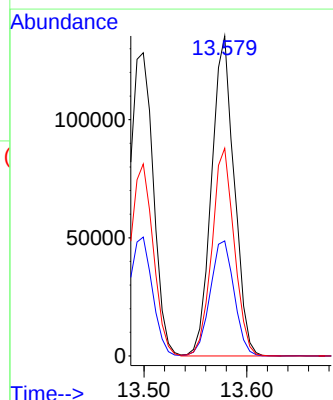
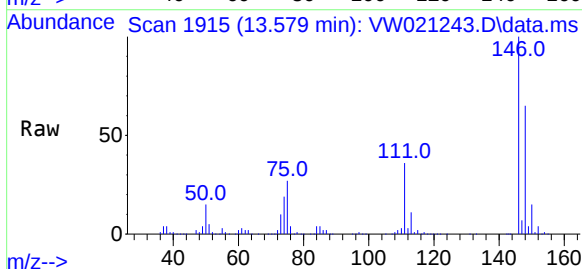
Tgt Ion:146 Resp: 207385

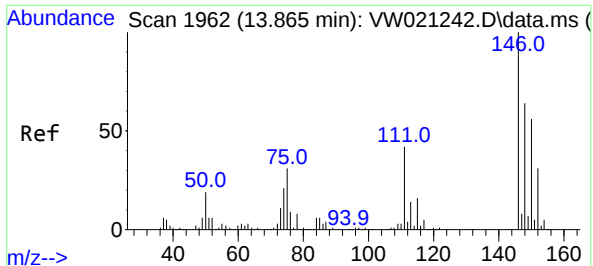
Ion Ratio Lower Upper

146 100

111 35.9 29.0 53.9

148 64.9 46.9 87.1

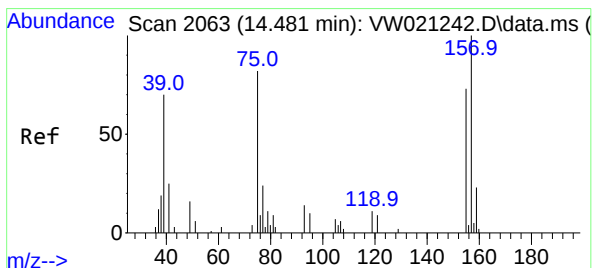
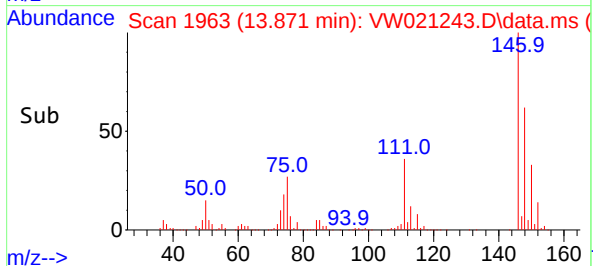
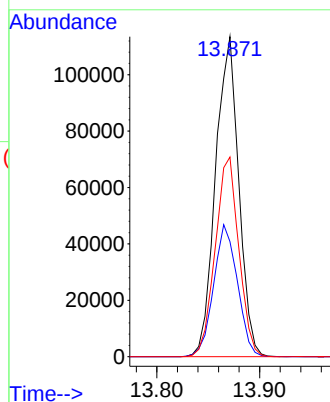
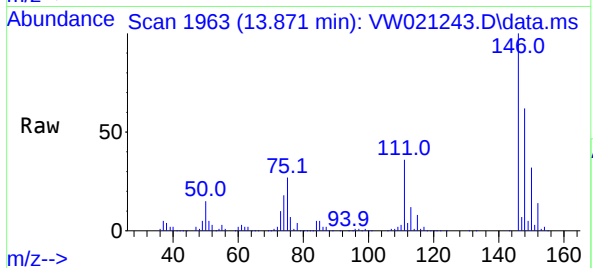




#67
1,2-Dichlorobenzene
Concen: 48.576 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

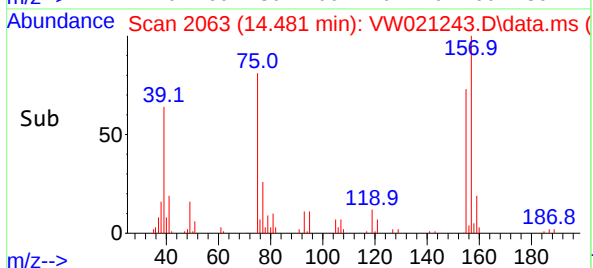
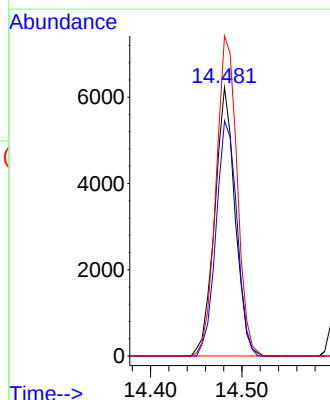
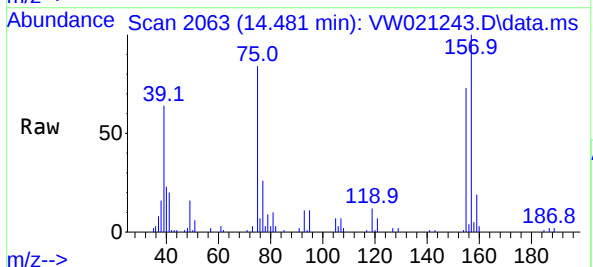
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:146 Resp: 178080
Ion Ratio Lower Upper
146 100
111 36.0 33.1 49.7
148 62.4 47.4 71.2

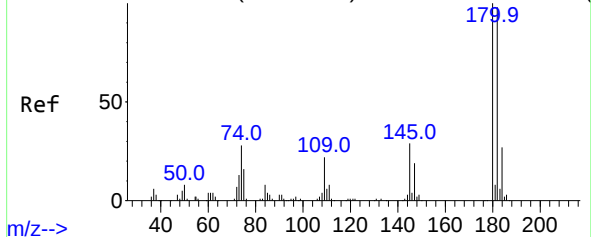


#68
1,2-Dibromo-3-chloropropane
Concen: 43.924 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

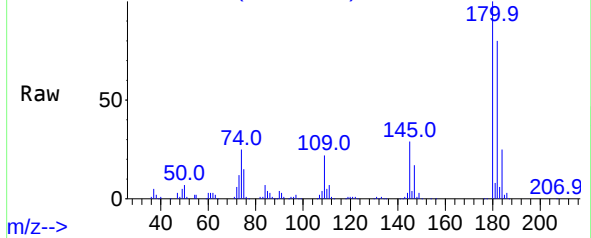
Tgt Ion: 75 Resp: 9654
Ion Ratio Lower Upper
75 100
155 87.5 54.2 81.2#
157 119.1 69.4 104.2#



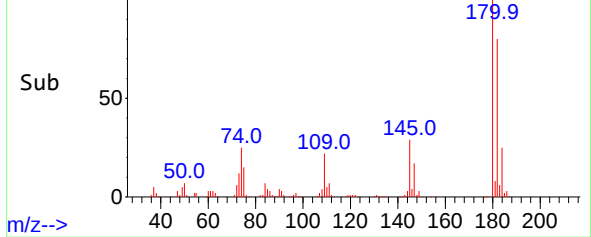
Abundance Scan 2087 (14.627 min): VW021242.D\data.ms (



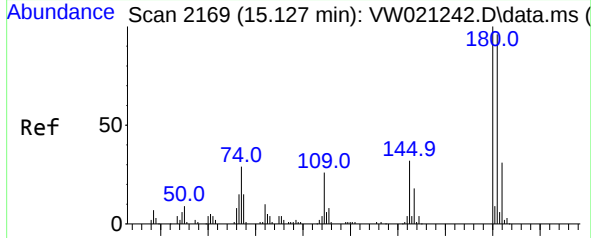
m/z--> Abundance Scan 2087 (14.627 min): VW021243.D\data.ms (



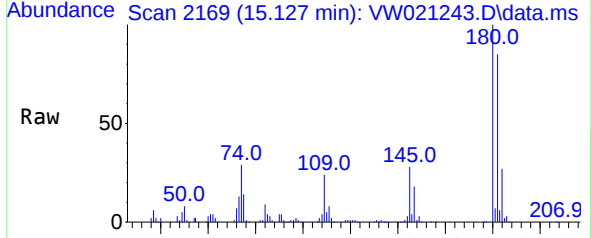
m/z--> Abundance Scan 2087 (14.627 min): VW021243.D\data.ms (



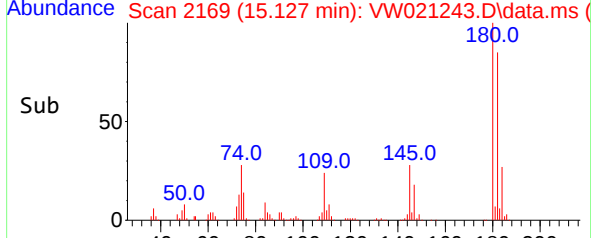
m/z--> Abundance Scan 2169 (15.127 min): VW021242.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW021243.D\data.ms (



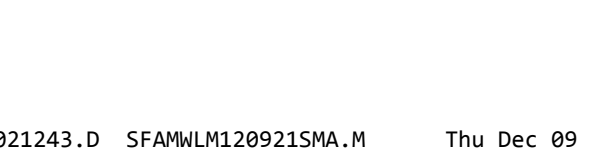
m/z--> Abundance Scan 2169 (15.127 min): VW021243.D\data.ms (



m/z--> Abundance Scan 2169 (15.127 min): VW021243.D\data.ms (



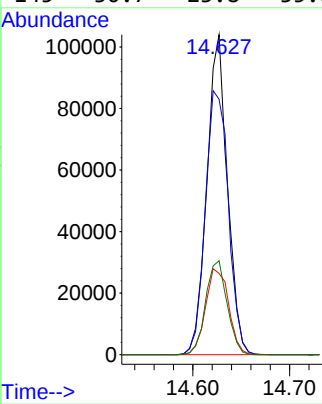
m/z--> Abundance Scan 2169 (15.127 min): VW021243.D\data.ms (



#69
1,3,5-Trichlorobenzene
Concen: 50.315 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

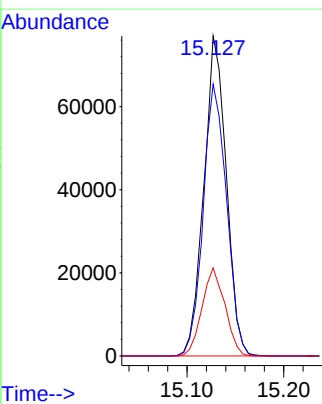
Instrument :
MSVOA_W
ClientSampleId :

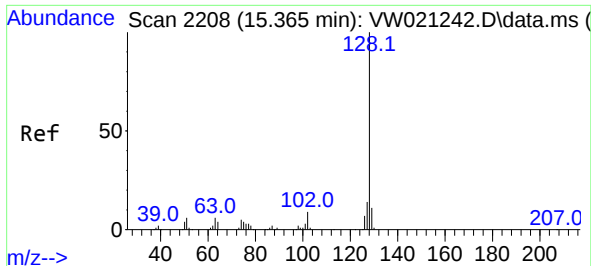
Tgt Ion:	180	Resp:	152966
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.4	113.0
184	30.3	23.8	35.8
145	30.7	23.8	35.8



#70
1,2,4-trichlorobenzene
Concen: 51.774 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

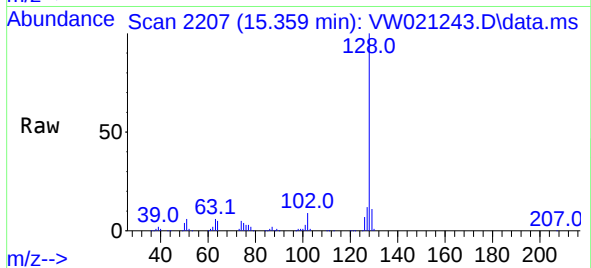
Tgt Ion:	180	Resp:	124205
Ion Ratio	Lower	Upper	
180	100		
182	88.5	79.0	118.6
145	28.1	26.0	39.0



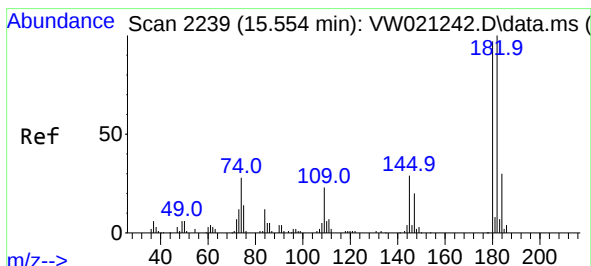
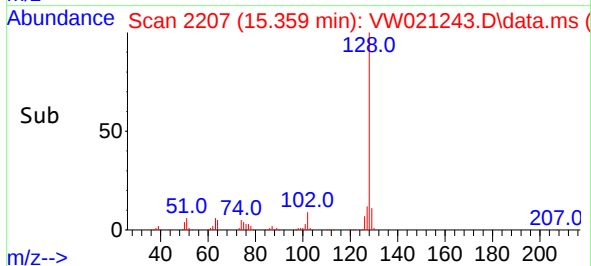
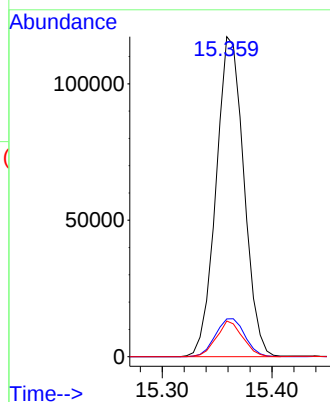


#71
Naphthalene
Concen: 46.413 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 206620
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 47.905 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021243.D
Acq: 09 Dec 2021 13:10

Tgt Ion:180 Resp: 101994
Ion Ratio Lower Upper
180 100
182 94.2 76.6 114.8
145 32.7 27.4 41.0

