

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041522\
 Data File : VW022551.D
 Acq On : 15 Apr 2022 09:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 15 23:14:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 15 01:29:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	319283	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	311609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112391	15.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.680%
7) Chloroethane-d5	2.885	69	83584	18.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.560%
11) 1,1-Dichloroethene-d2	4.019	63	177193	19.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.440%
21) 2-Butanone-d5	7.073	46	71049	57.656	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.320%
24) Chloroform-d	7.646	84	246268	24.677	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	8.305	65	134262	23.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	8.274	84	421429	22.136	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	9.274	67	131346	23.840	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.323	98	400273	21.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.880%
43) trans-1,3-Dichloroprop...	10.579	79	58142	22.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.440%
47) 2-Hexanone-d5	10.920	63	58879	57.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.880%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	136493	29.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	161932	26.525	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	37129	23.723	ug/L	97
3) Chloromethane	2.220	50	76275	19.546	ug/L	99
5) Vinyl chloride	2.361	62	176181	21.637	ug/L	96
6) Bromomethane	2.775	94	105956	21.406	ug/L	92
8) Chloroethane	2.922	64	76280	21.398	ug/L	98
9) Trichlorofluoromethane	3.263	101	76689	25.511	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	119023	24.865	ug/L	97
12) 1,1-Dichloroethene	4.037	96	107152	24.925	ug/L	90
13) Acetone	4.123	43	45263	53.947	ug/L	96
14) Carbon disulfide	4.385	76	280861	19.860	ug/L	99
15) Methyl Acetate	4.671	43	45277	21.504	ug/L	95
16) Methylene chloride	4.915	84	112630	23.443	ug/L	91
17) trans-1,2-Dichloroethene	5.427	96	121081	24.043	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	191740	23.313	ug/L	96
19) 1,1-Dichloroethane	6.214	63	215331	23.434	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133059	25.017	ug/L #	93
22) 2-Butanone	7.171	43	63537	50.139	ug/L	96
23) Bromochloromethane	7.512	128	58497	25.555	ug/L	90
25) Chloroform	7.677	83	237093	24.498	ug/L	99

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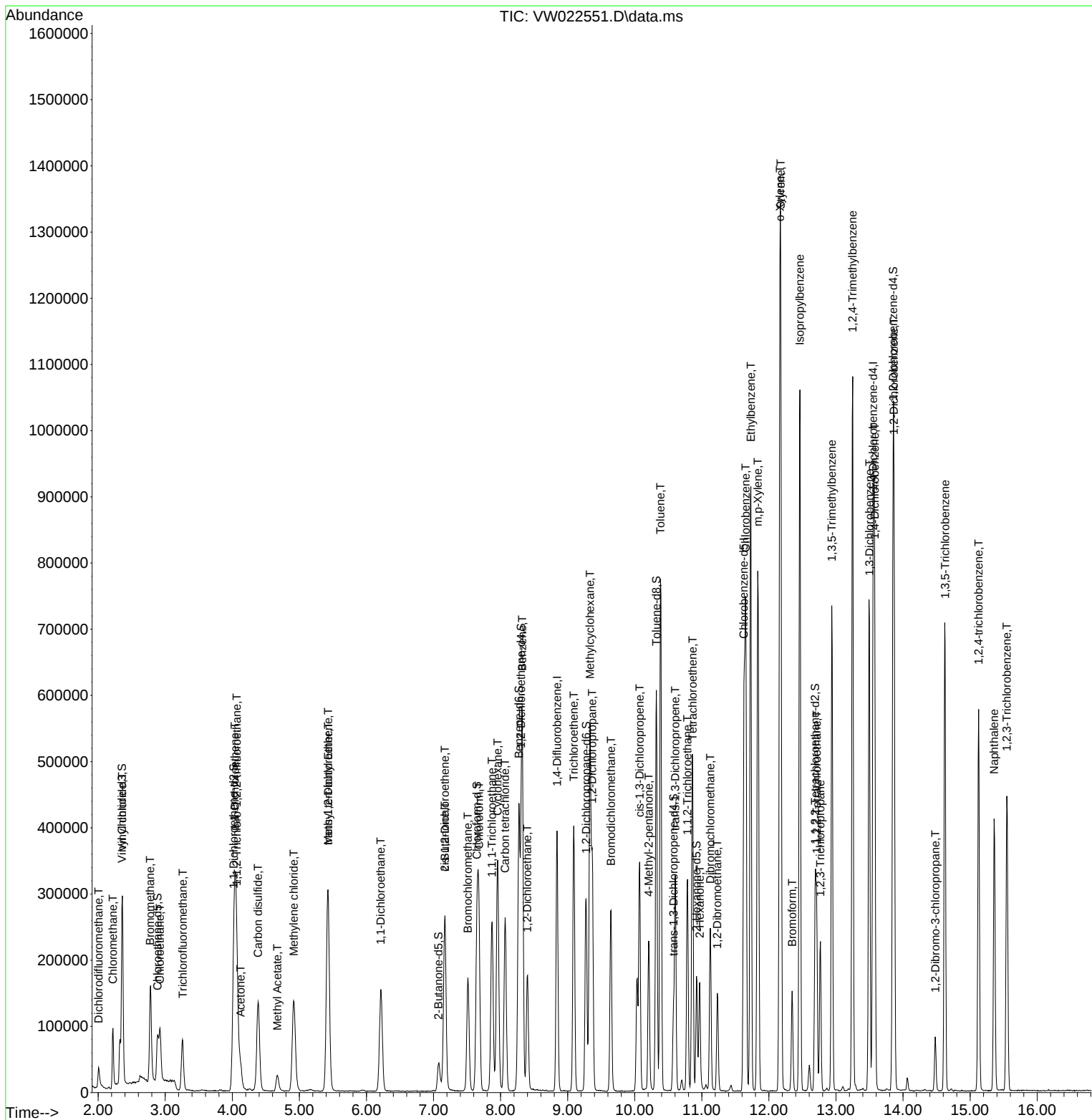
Instrument :
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 ClientSampleId :

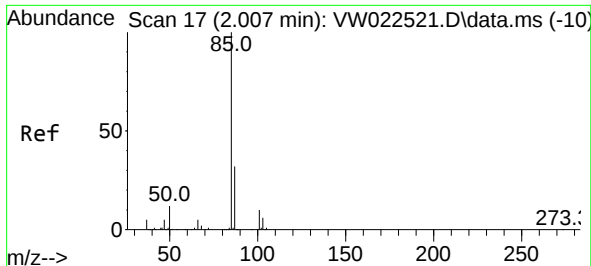
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	158299	23.271	ug/L	98
29) Cyclohexane	7.957	56	187982	21.078	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	203812	23.579	ug/L	98
31) Carbon tetrachloride	8.067	117	191325	24.661	ug/L	98
33) Benzene	8.323	78	493011	23.303	ug/L	100
34) Trichloroethene	9.091	95	135658	23.948	ug/L	98
35) Methylcyclohexane	9.335	83	226560	22.292	ug/L	96
37) 1,2-Dichloropropane	9.366	63	121124	23.898	ug/L	99
38) Bromodichloromethane	9.646	83	174915	23.999	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	191999	23.873	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	142442	46.052	ug/L	95
42) Toluene	10.384	91	564523	23.286	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	169245	23.502	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	96177	24.864	ug/L	98
46) Tetrachloroethene	10.865	164	101040	24.265	ug/L	85
48) 2-Hexanone	10.969	43	101684	46.599	ug/L #	92
49) Dibromochloromethane	11.127	129	121880	26.420	ug/L	91
50) 1,2-Dibromoethane	11.231	107	94214	24.666	ug/L	96
51) Chlorobenzene	11.652	112	363151	24.513	ug/L	96
52) Ethylbenzene	11.731	91	639930	23.550	ug/L	92
53) m,p-Xylene	11.835	106	256131	24.790	ug/L	96
54) o-Xylene	12.164	106	242557	24.567	ug/L	99
55) Styrene	12.176	104	421118	24.964	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.712	83	120226	25.323	ug/L	98
59) Bromoform	12.347	173	61041	23.833	ug/L	99
60) Isopropylbenzene	12.463	105	680961	23.784	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	86916	23.706	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	386398	24.540	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	570041	23.807	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	289271	24.894	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	293691	25.343	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	262610	25.270	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	19106	22.469	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	197649	26.070	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	151689	23.823	ug/L	91
71) Naphthalene	15.358	128	338497	25.205	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	136737	25.124	ug/L	97

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

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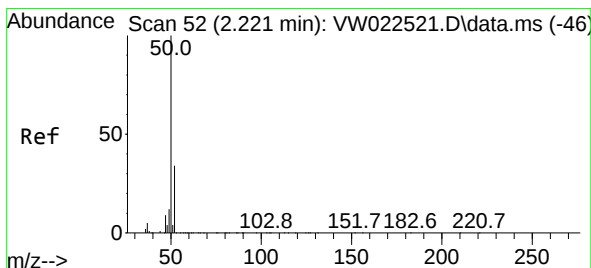
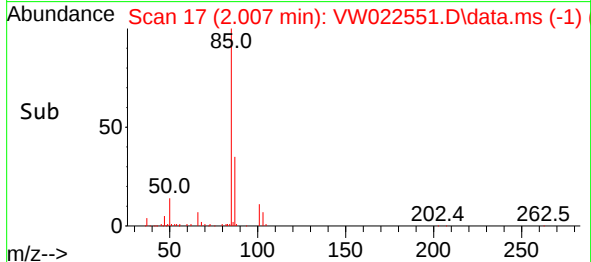
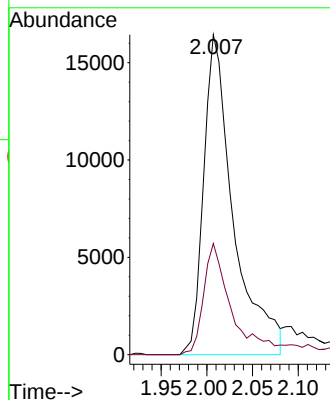
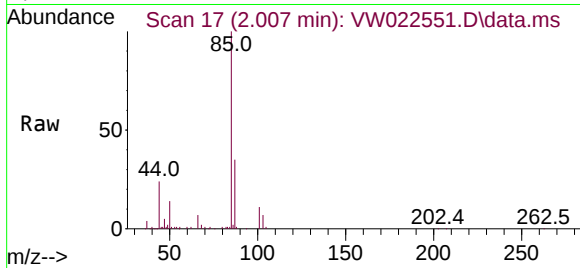




#2
Dichlorodifluoromethane
Concen: 23.723 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

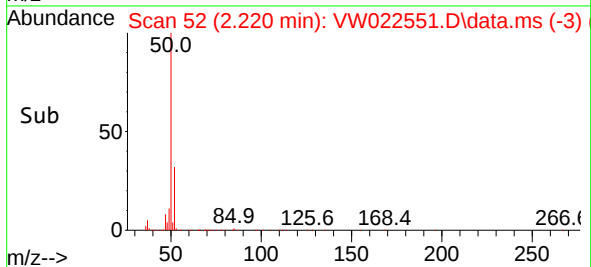
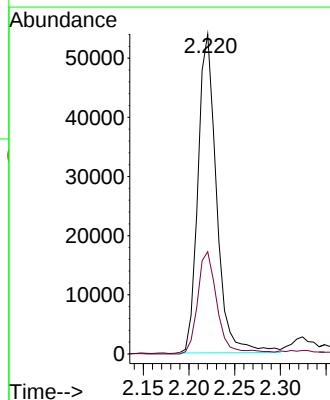
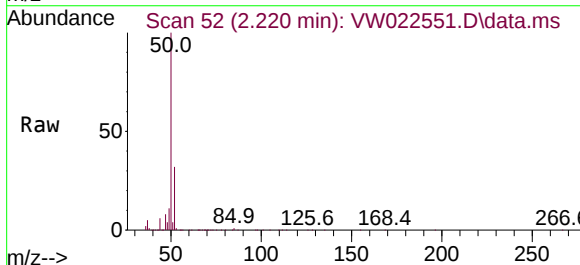
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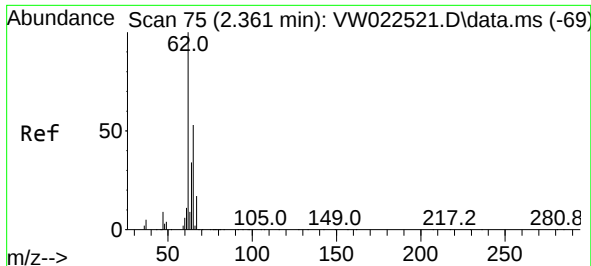
Tgt Ion: 85 Resp: 37129
Ion Ratio Lower Upper
85 100
87 28.1 23.7 35.5



#3
Chloromethane
Concen: 19.546 ug/L
RT: 2.220 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 50 Resp: 76275
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.6

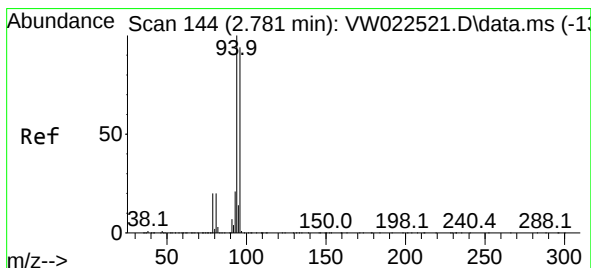
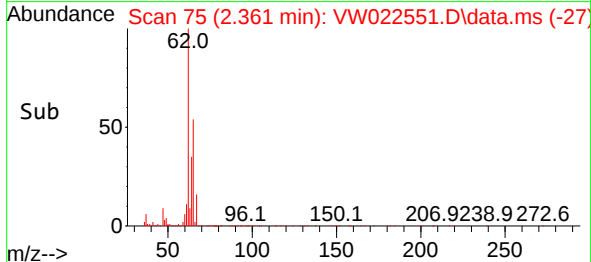
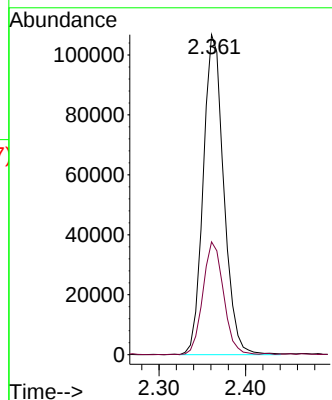
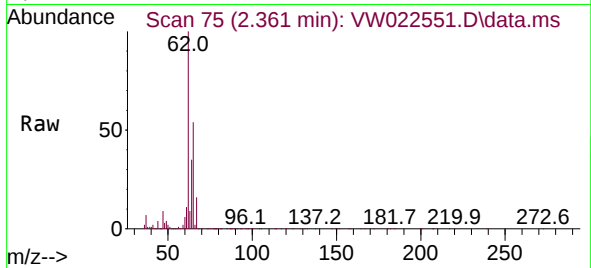




#5
 Vinyl chloride
 Concen: 21.637 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: VW022551.D
 Acq: 15 Apr 2022 09:29

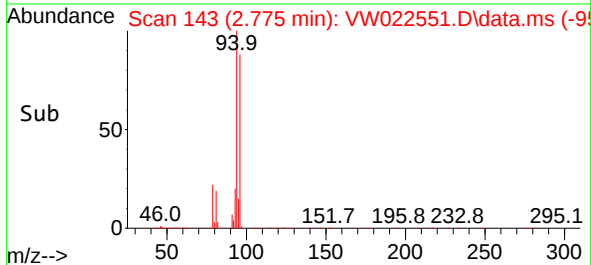
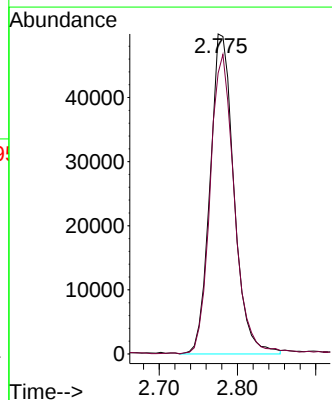
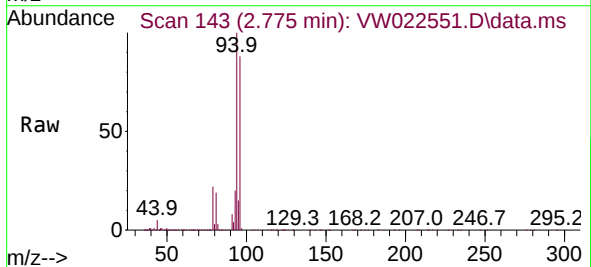
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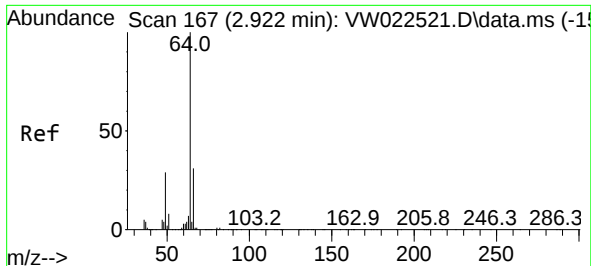
Tgt Ion: 62 Resp: 176181
 Ion Ratio Lower Upper
 62 100
 64 35.2 26.5 49.3



#6
 Bromomethane
 Concen: 21.406 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.007 min
 Lab File: VW022551.D
 Acq: 15 Apr 2022 09:29

Tgt Ion: 94 Resp: 105956
 Ion Ratio Lower Upper
 94 100
 96 87.8 66.6 123.6

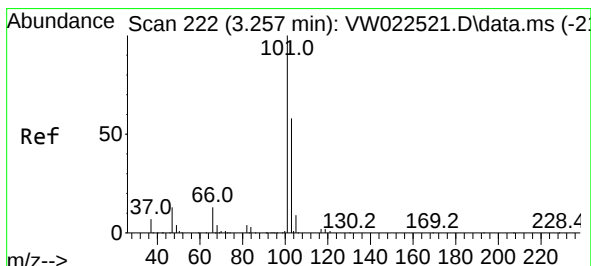
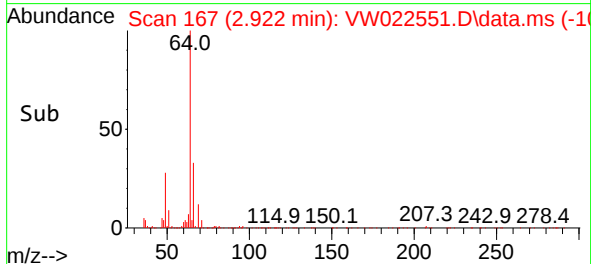
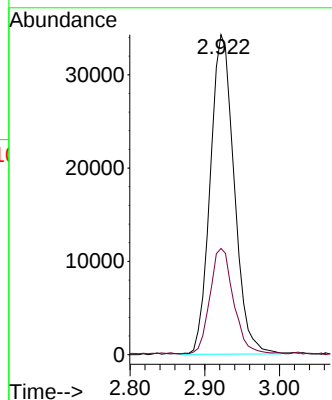
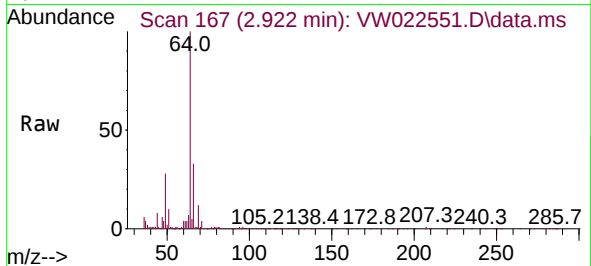




#8
Chloroethane
Concen: 21.398 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.007 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

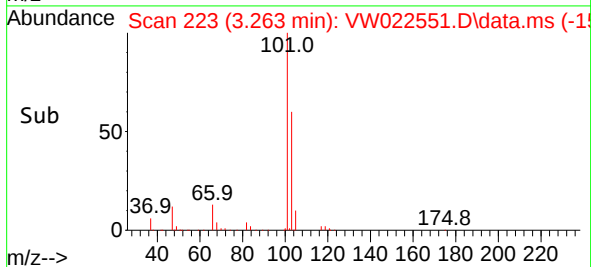
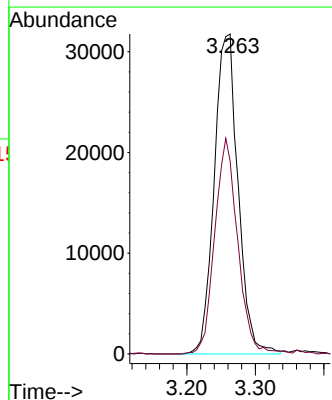
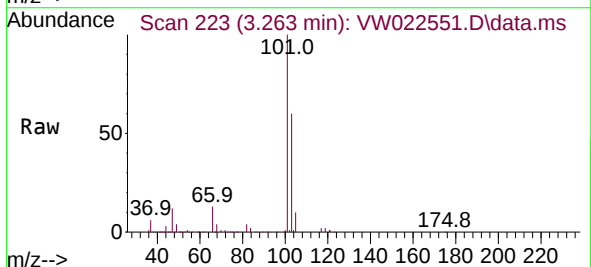
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ClientSampleId :

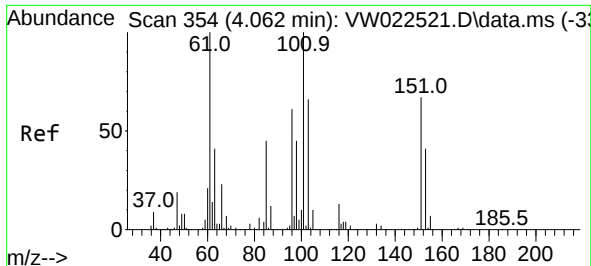
Tgt Ion: 64 Resp: 76280
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 25.511 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 101 Resp: 76689
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

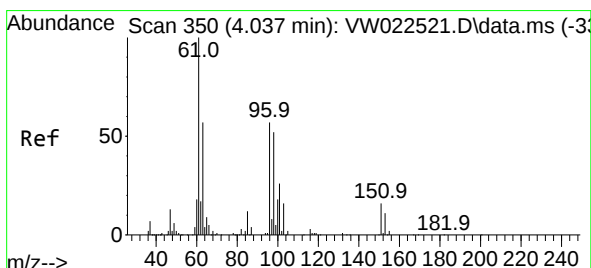
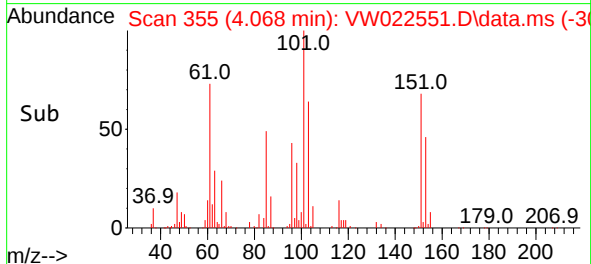
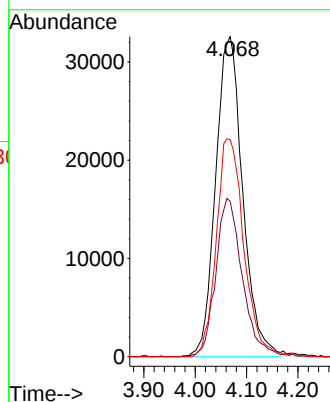
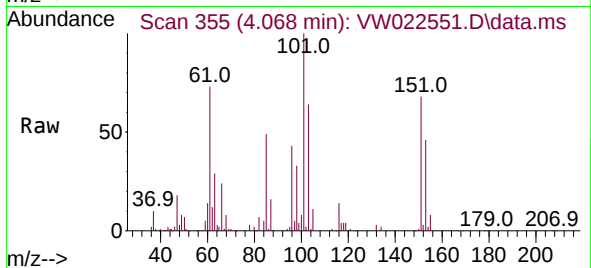




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.865 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022551.D
 Acq: 15 Apr 2022 09:29

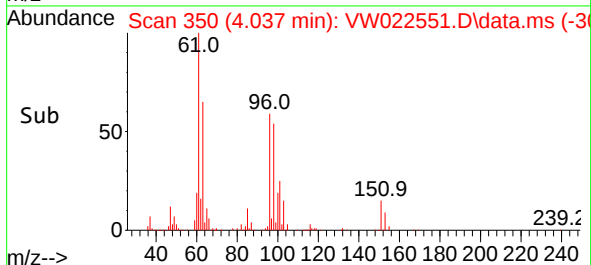
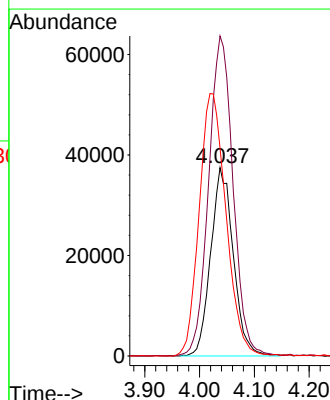
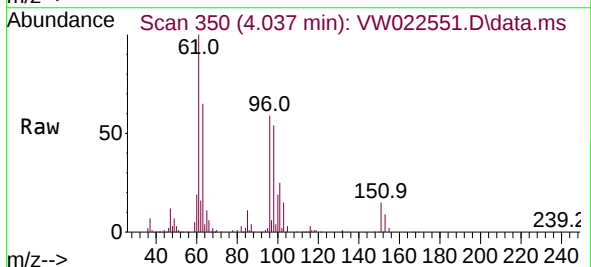
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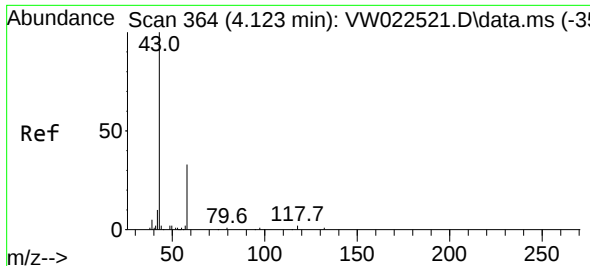
Tgt Ion:101 Resp: 119023
 Ion Ratio Lower Upper
 101 100
 85 48.5 39.2 58.8
 151 69.1 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 24.925 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.007 min
 Lab File: VW022551.D
 Acq: 15 Apr 2022 09:29

Tgt Ion: 96 Resp: 107152
 Ion Ratio Lower Upper
 96 100
 61 170.0 128.0 237.6
 63 110.4 86.6 160.8

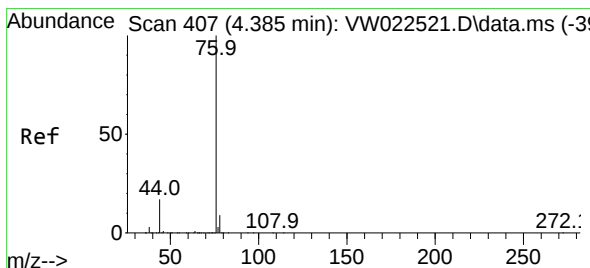
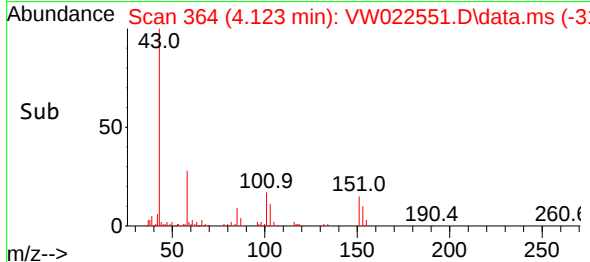
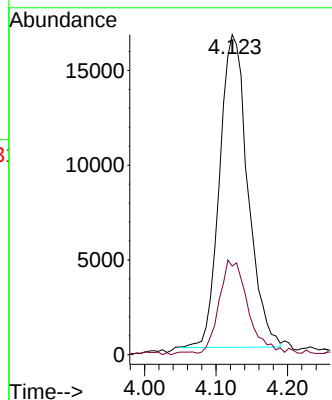
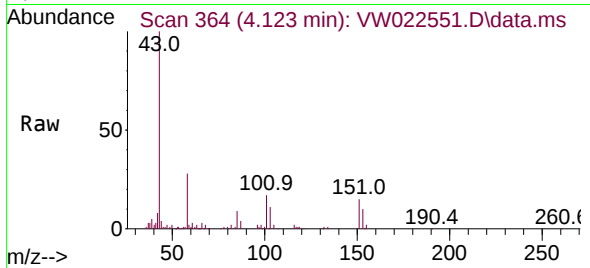




#13
Acetone
Concen: 53.947 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

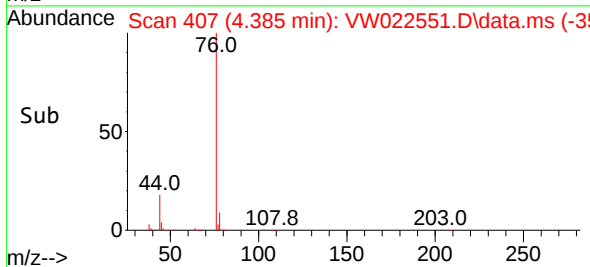
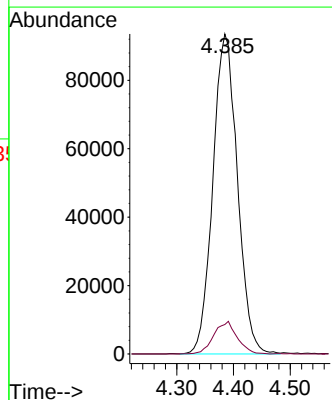
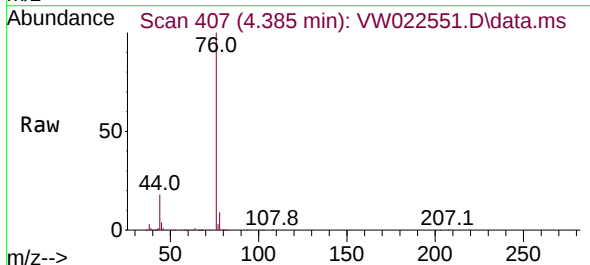
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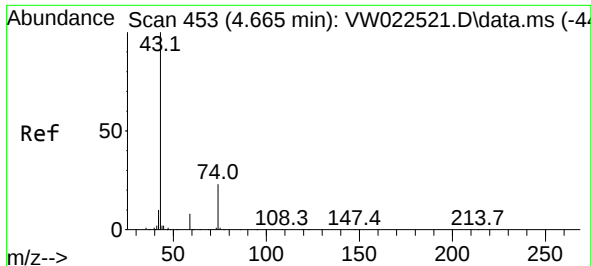
Tgt Ion: 43 Resp: 45263
Ion Ratio Lower Upper
43 100
58 30.5 0.0 57.0



#14
Carbon disulfide
Concen: 19.860 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.007 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 76 Resp: 280861
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

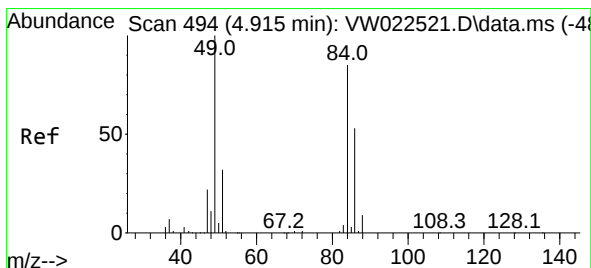
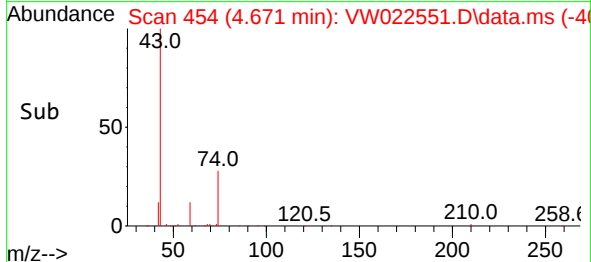
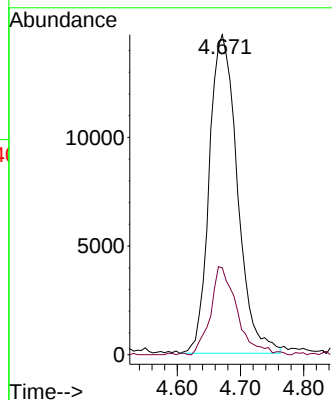
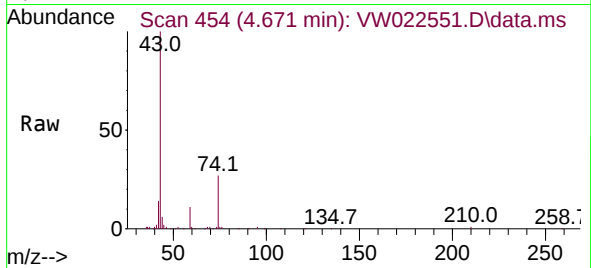




#15
Methyl Acetate
Concen: 21.504 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.007 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

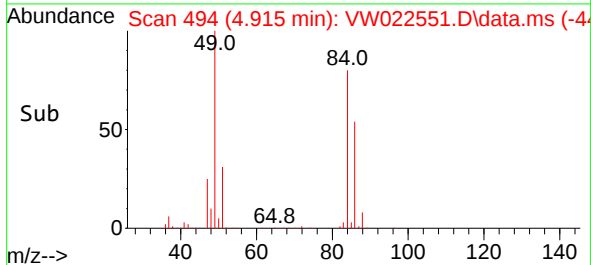
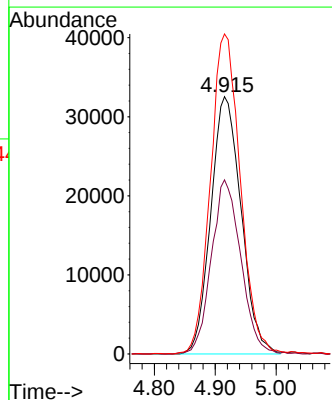
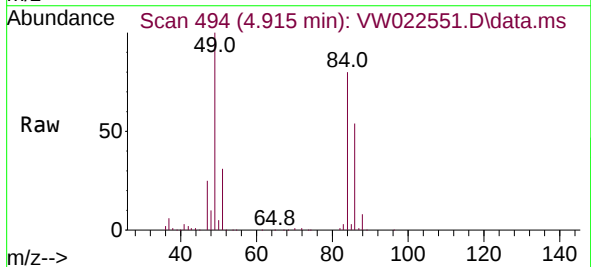
Instrument :
MSVOA_W
ClientSampleId :

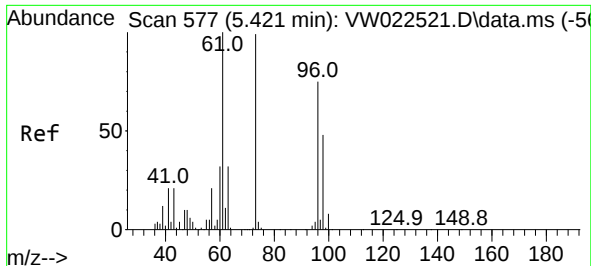
Tgt Ion: 43 Resp: 45277
Ion Ratio Lower Upper
43 100
74 25.6 18.5 27.7



#16
Methylene chloride
Concen: 23.443 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

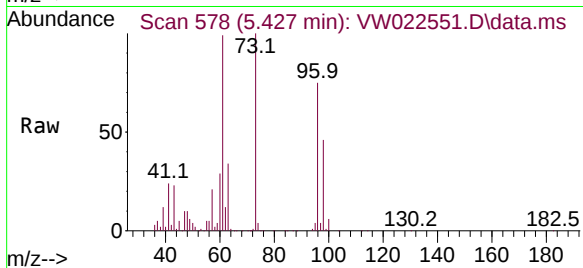
Tgt Ion: 84 Resp: 112630
Ion Ratio Lower Upper
84 100
86 67.6 42.8 79.4
49 124.4 94.2 175.0





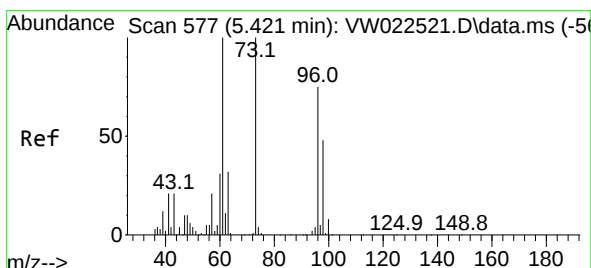
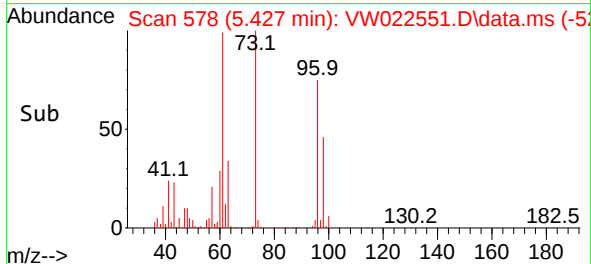
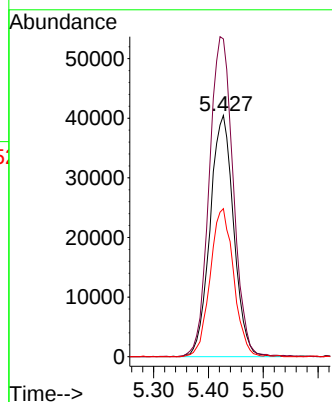
#17
trans-1,2-Dichloroethene
Concen: 24.043 ug/L
RT: 5.427 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 121081

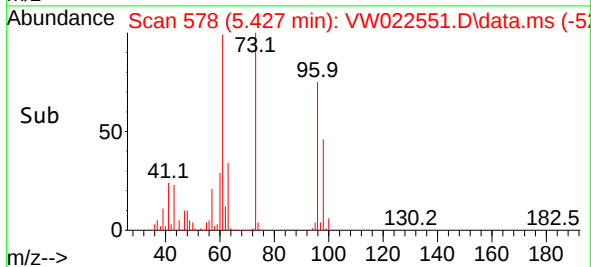
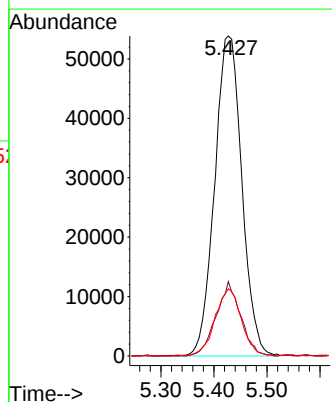
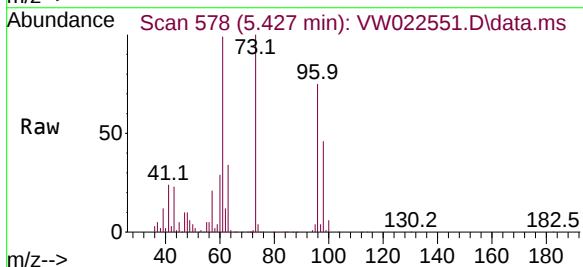
Ion	Ratio	Lower	Upper
96	100		
61	131.7	99.8	185.4
98	61.4	44.6	82.8

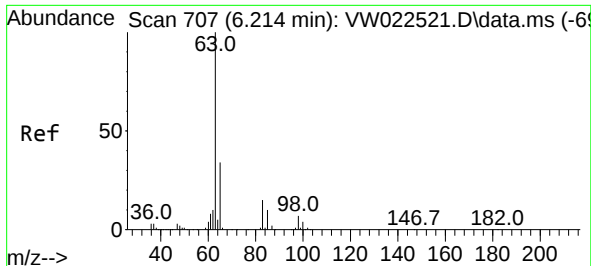


#18
Methyl tert-butyl Ether
Concen: 23.313 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 73 Resp: 191740

Ion	Ratio	Lower	Upper
73	100		
43	20.9	18.8	28.2
57	20.4	17.5	26.3





#19

1,1-Dichloroethane

Concen: 23.434 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.007 min

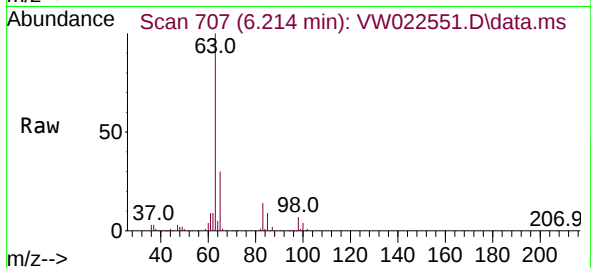
Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :



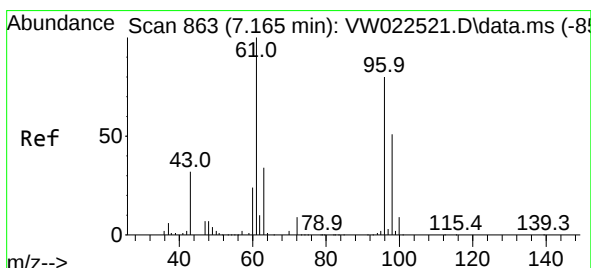
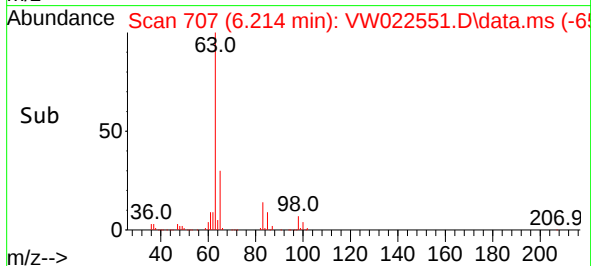
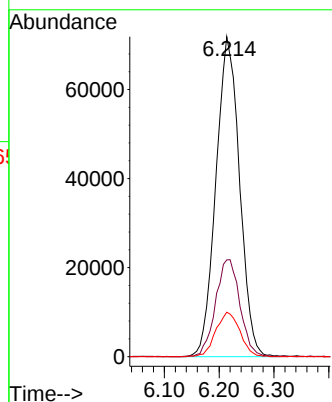
Tgt Ion: 63 Resp: 215331

Ion Ratio Lower Upper

63 100

65 30.2 21.1 39.3

83 13.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 25.017 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

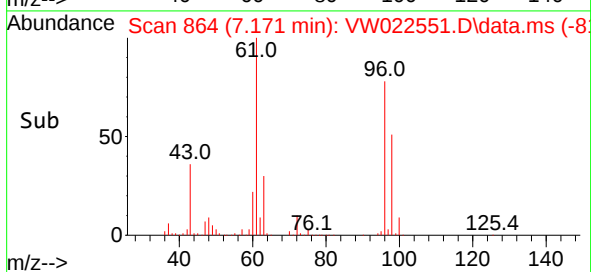
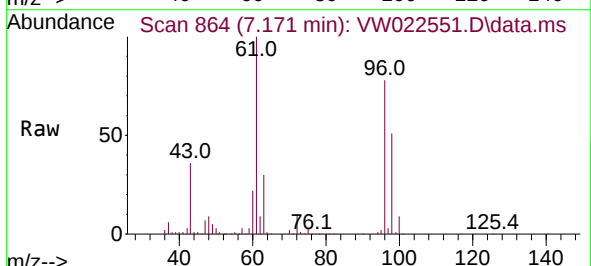
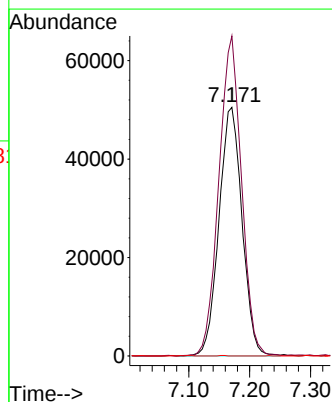
Tgt Ion: 96 Resp: 133059

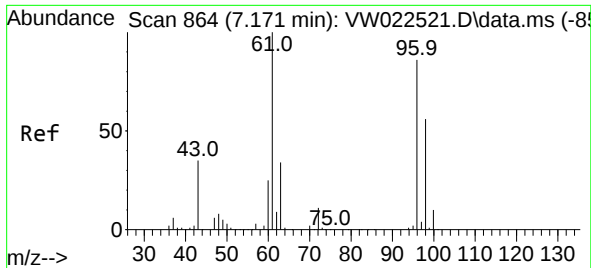
Ion Ratio Lower Upper

96 100

61 128.7 96.4 179.0

68 0.0 0.1 0.3

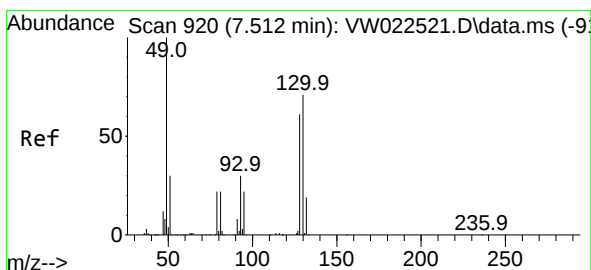
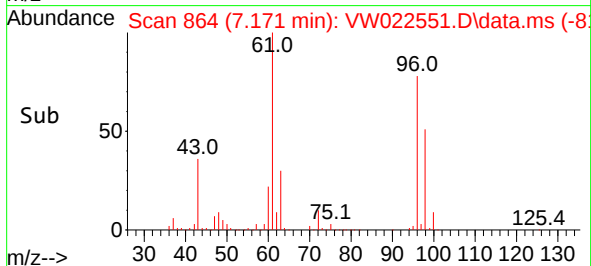
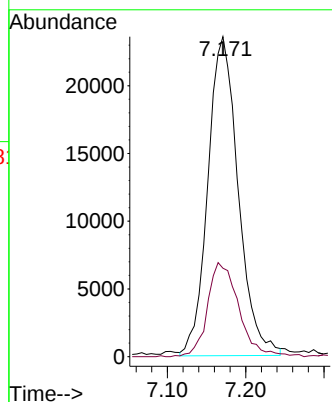
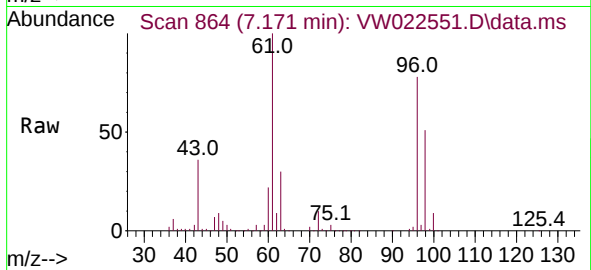




#22
2-Butanone
Concen: 50.139 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

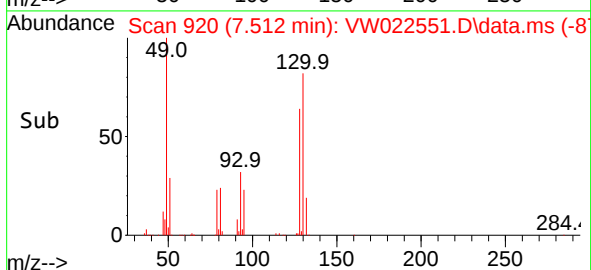
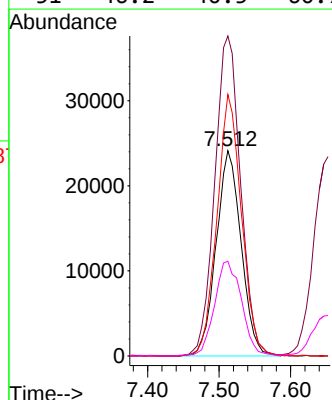
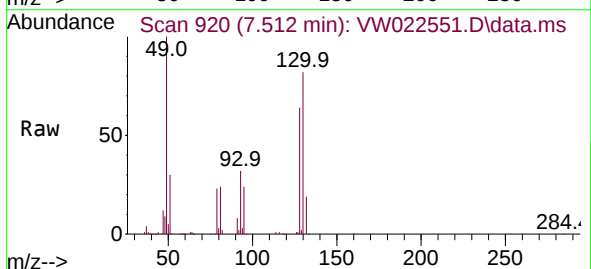
Instrument :
MSVOA_W
ClientSampleId :

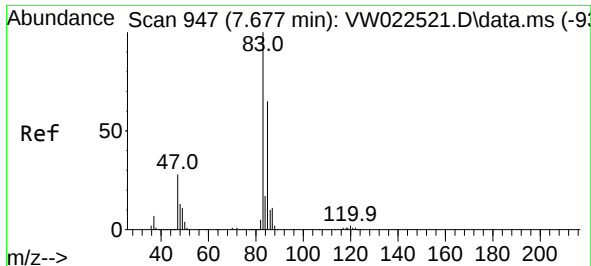
Tgt Ion: 43 Resp: 63537
Ion Ratio Lower Upper
43 100
72 30.3 14.0 42.0



#23
Bromochloromethane
Concen: 25.555 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.007 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 128 Resp: 58497
Ion Ratio Lower Upper
128 100
49 155.9 120.8 224.3
130 127.4 81.8 151.8
51 46.2 40.5 60.7

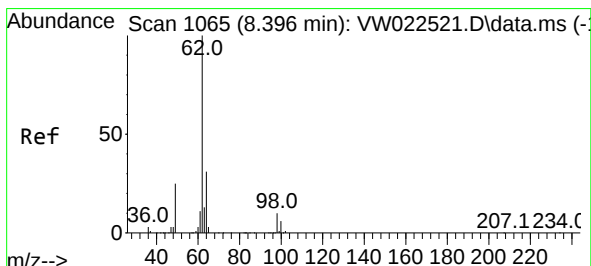
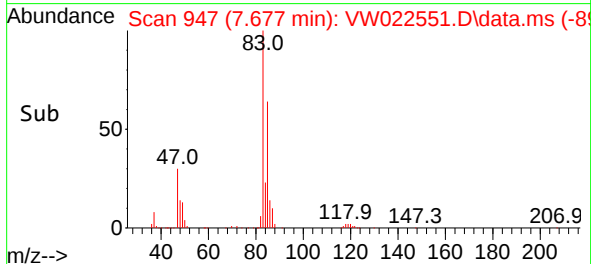
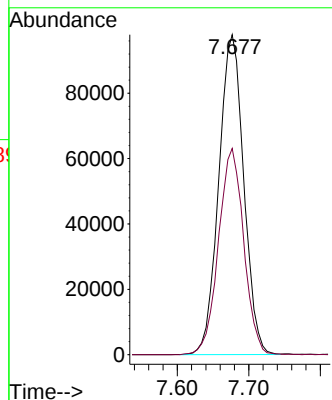
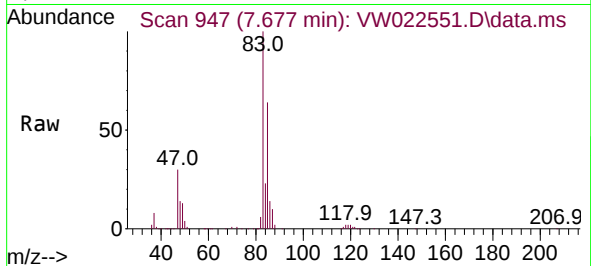




#25
Chloroform
Concen: 24.498 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

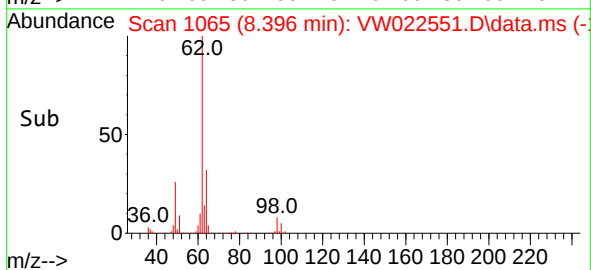
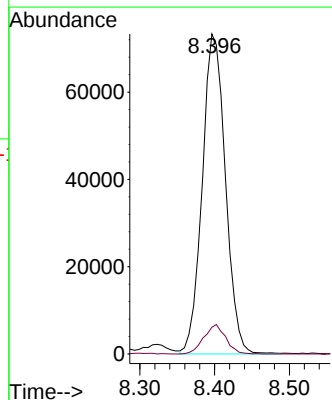
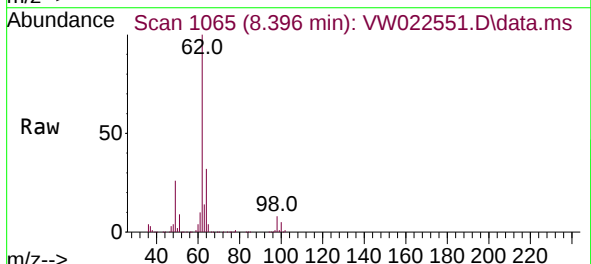
Instrument :
MSVOA_W
ClientSampleId :

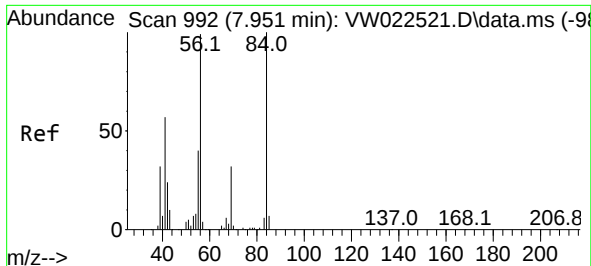
Tgt Ion: 83 Resp: 237093
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 23.271 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.007 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 62 Resp: 158299
Ion Ratio Lower Upper
62 100
98 8.3 6.2 9.2





#29

Cyclohexane

Concen: 21.078 ug/L

RT: 7.957 min Scan# 992

Delta R.T. -0.000 min

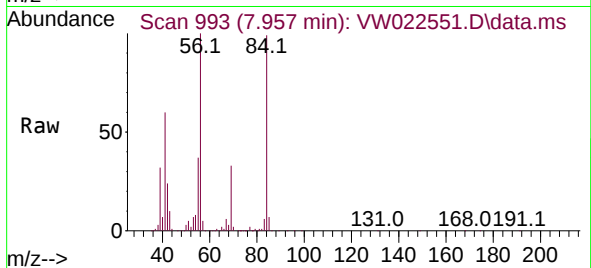
Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :



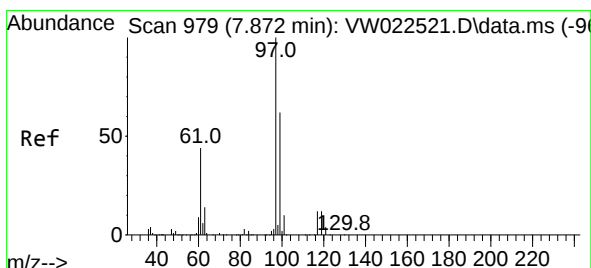
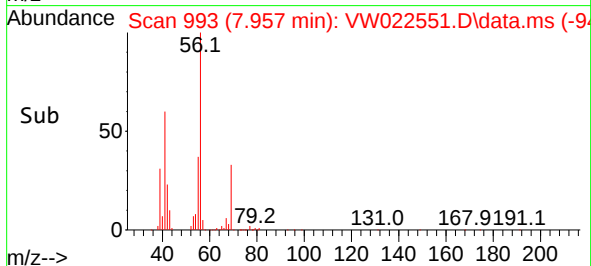
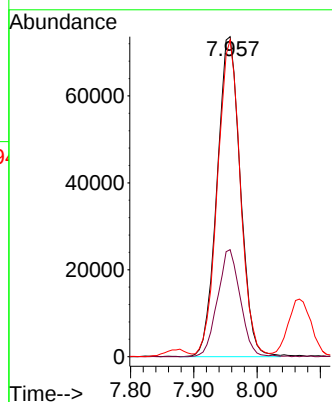
Tgt Ion: 56 Resp: 187982

Ion Ratio Lower Upper

56 100

69 32.5 24.4 36.6

84 96.9 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 23.579 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

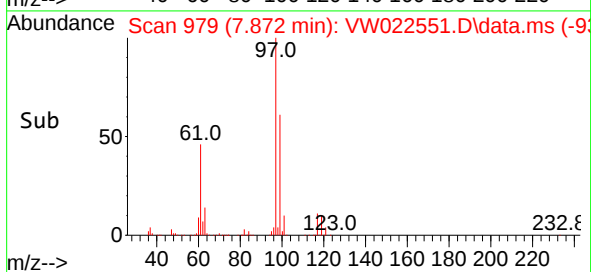
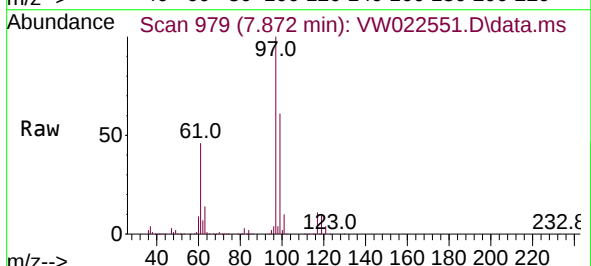
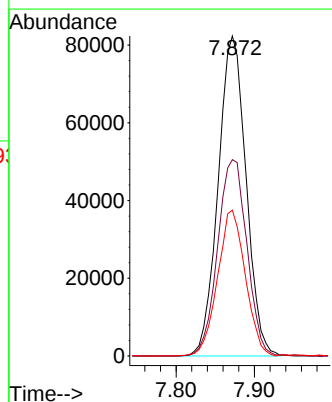
Tgt Ion: 97 Resp: 203812

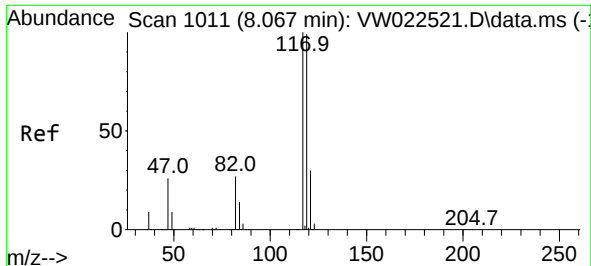
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 45.4 38.7 58.1

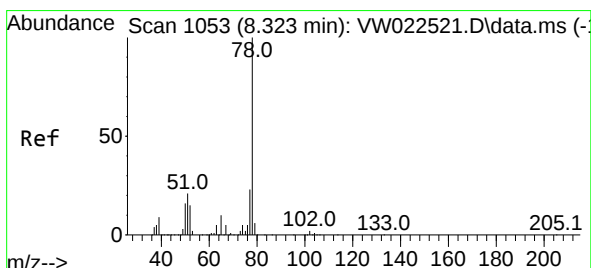
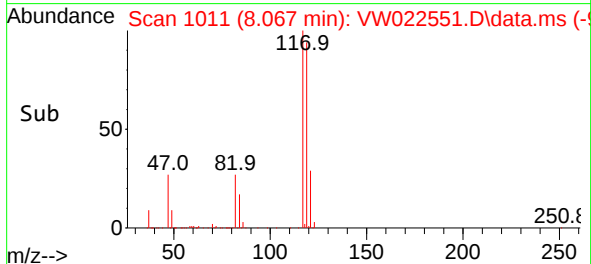
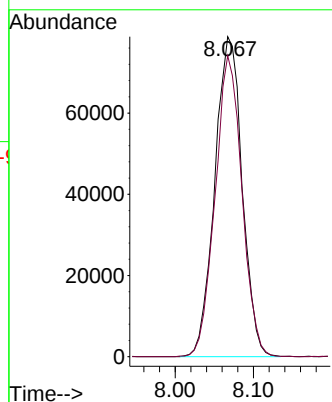
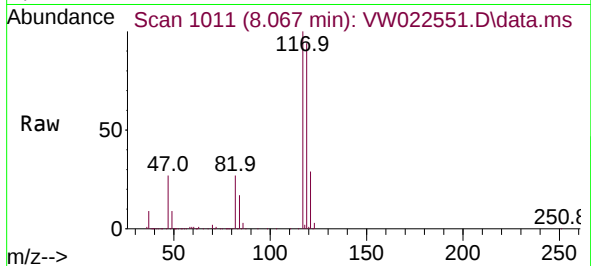




#31
Carbon tetrachloride
Concen: 24.661 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

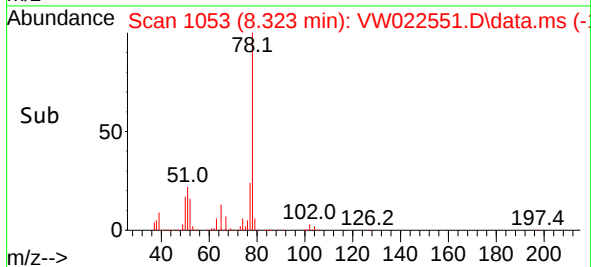
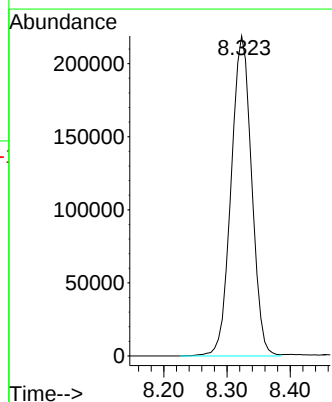
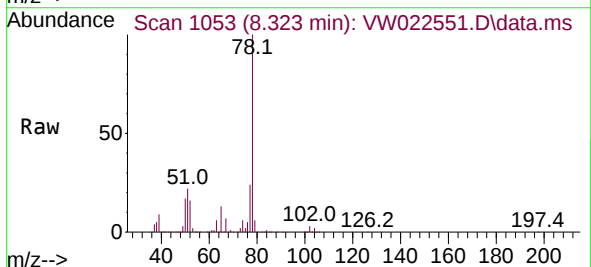
Instrument :
MSVOA_W
ClientSampleId :

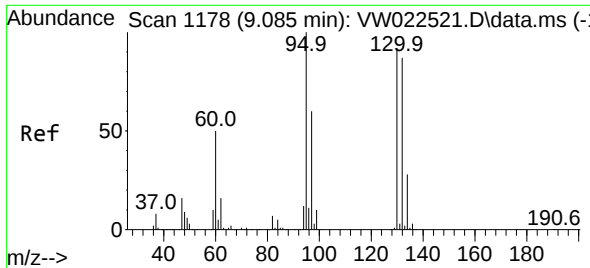
Tgt Ion:117 Resp: 191325
Ion Ratio Lower Upper
117 100
119 92.3 75.5 113.3



#33
Benzene
Concen: 23.303 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 78 Resp: 493011





#34

Trichloroethene

Concen: 23.948 ug/L

RT: 9.091 min Scan# 1178

Delta R.T. -0.001 min

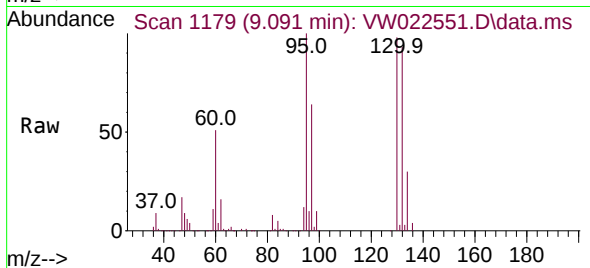
Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 135658

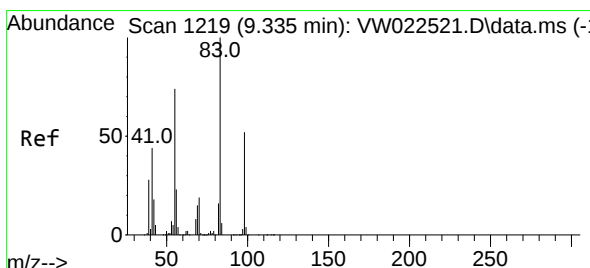
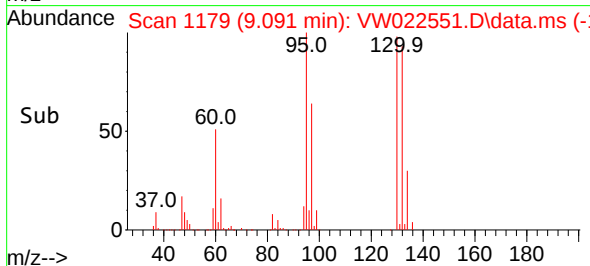
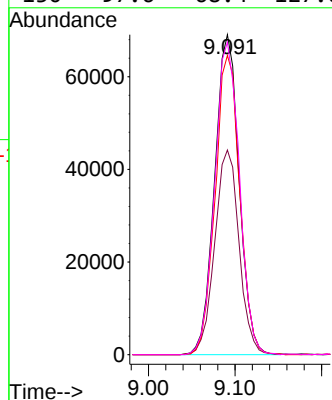
Ion Ratio Lower Upper

95 100

97 64.0 46.4 86.2

132 93.5 67.4 125.2

130 97.6 68.4 127.0



#35

Methylcyclohexane

Concen: 22.292 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

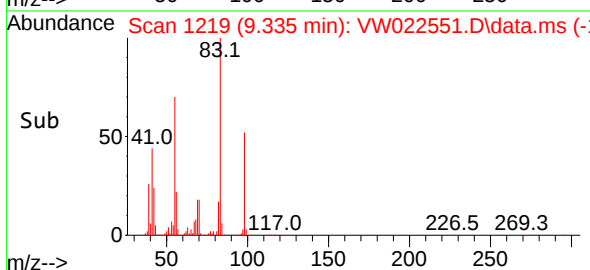
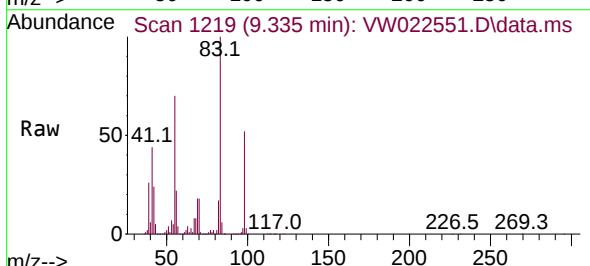
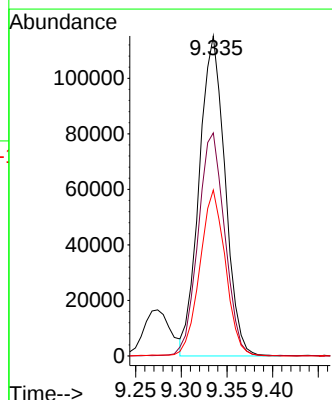
Tgt Ion: 83 Resp: 226560

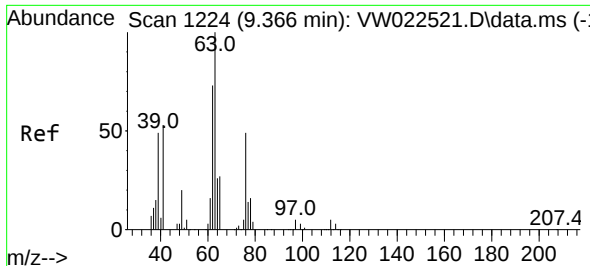
Ion Ratio Lower Upper

83 100

55 71.8 61.0 91.6

98 51.2 39.2 58.8





#37

1,2-Dichloropropane

Concen: 23.898 ug/L

RT: 9.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

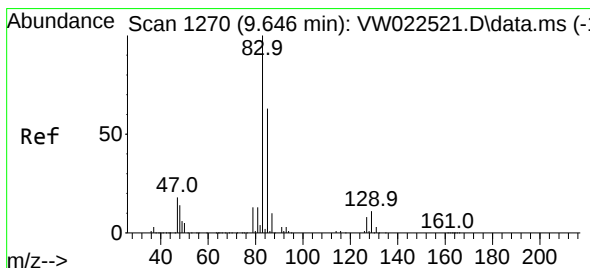
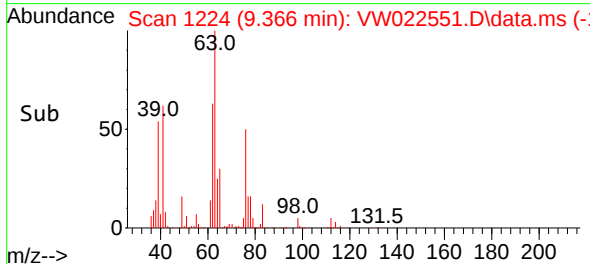
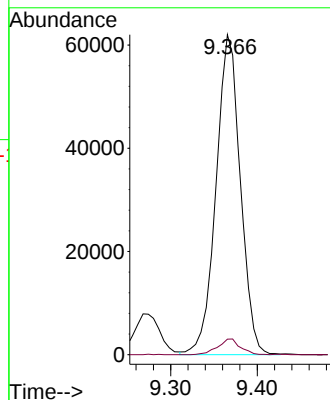
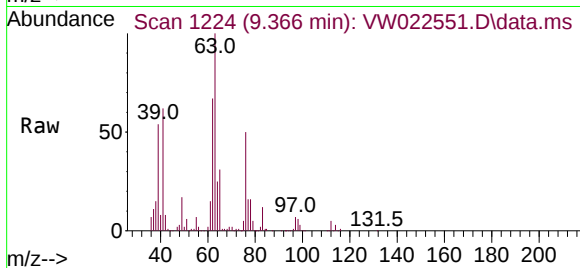
ClientSampleId :

Tgt Ion: 63 Resp: 121124

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 23.999 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

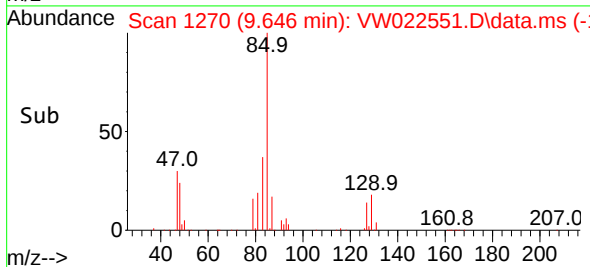
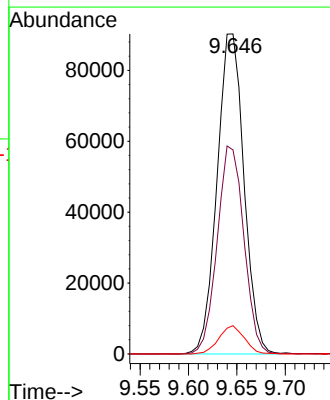
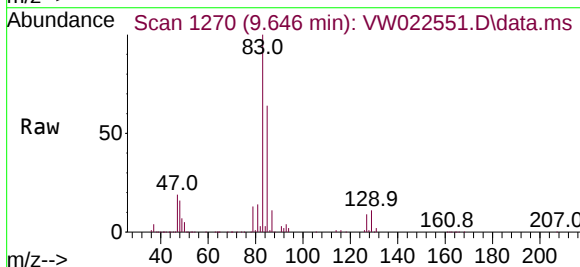
Tgt Ion: 83 Resp: 174915

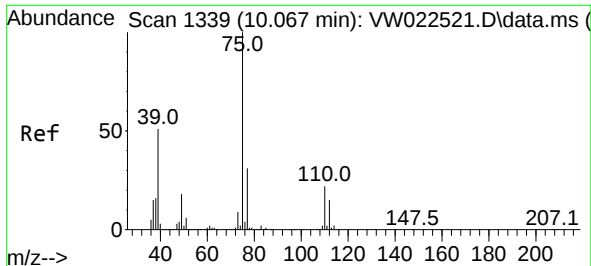
Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0

127 8.8 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 23.873 ug/L

RT: 10.073 min Scan# 1339

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

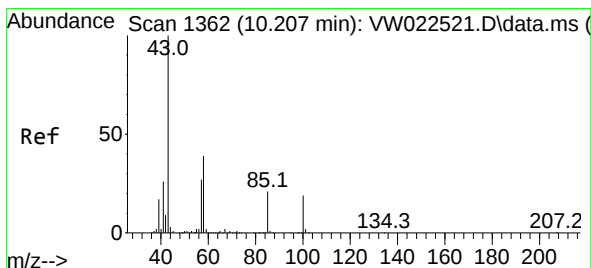
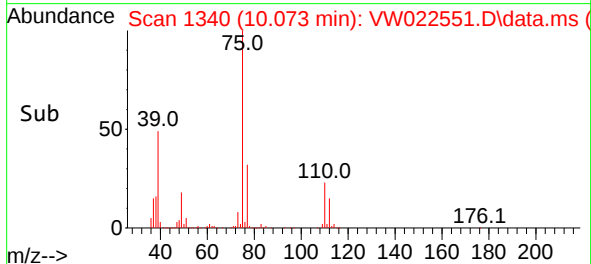
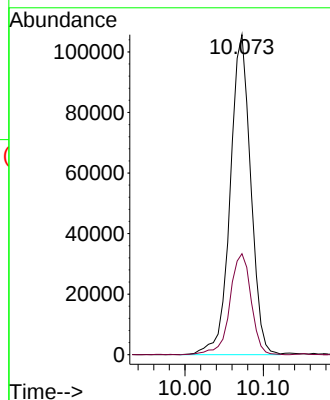
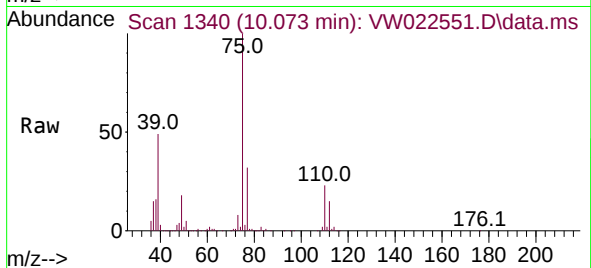
ClientSampleId :

Tgt Ion: 75 Resp: 191999

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 46.052 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

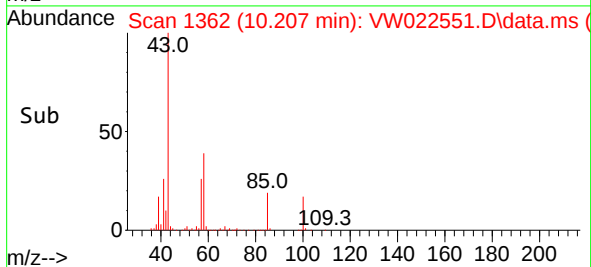
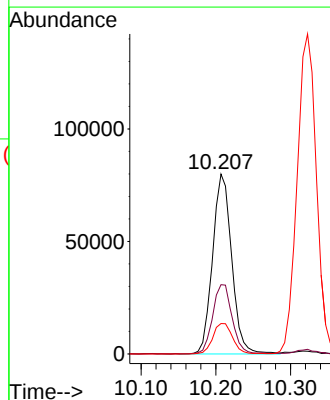
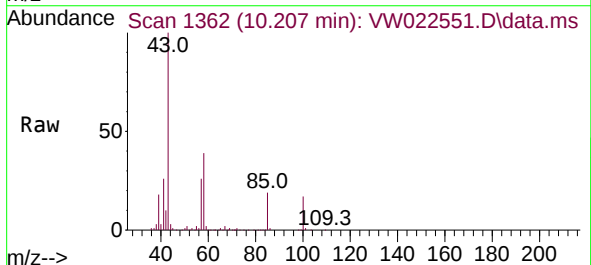
Tgt Ion: 43 Resp: 142442

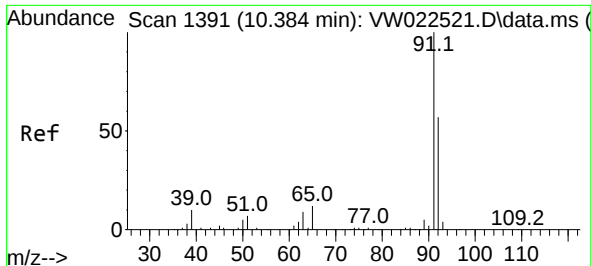
Ion Ratio Lower Upper

43 100

58 39.1 29.3 43.9

100 17.4 12.2 18.4

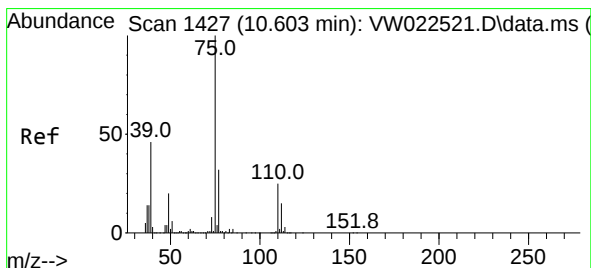
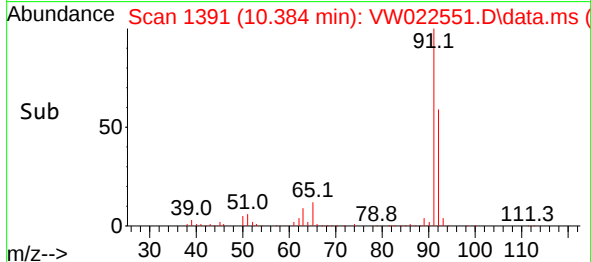
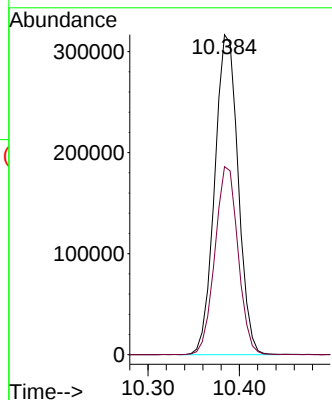
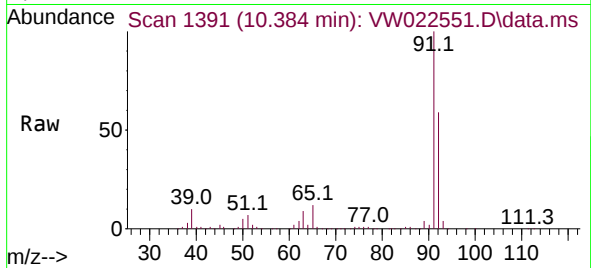




#42
Toluene
Concen: 23.286 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

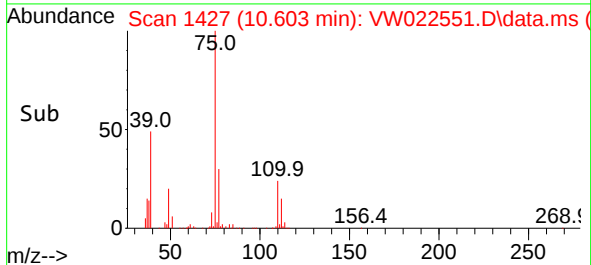
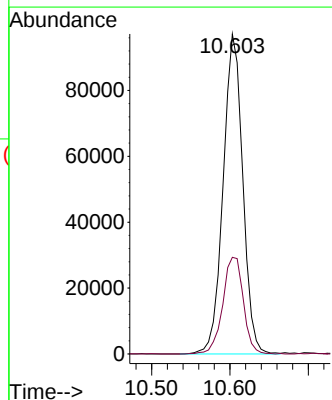
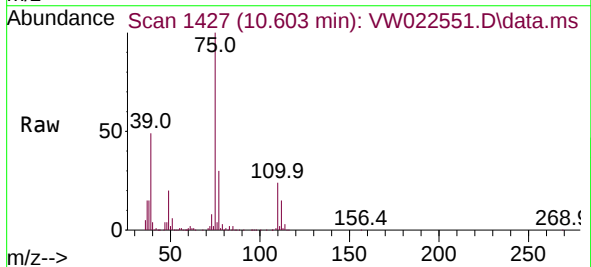
Instrument :
MSVOA_W
ClientSampleId :

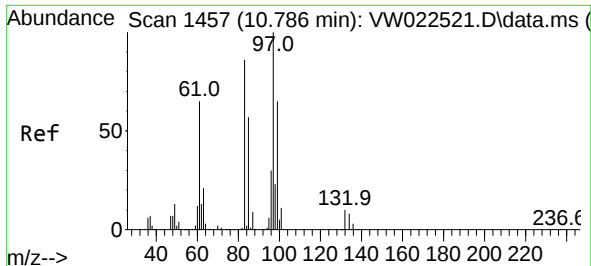
Tgt Ion: 91 Resp: 564523
Ion Ratio Lower Upper
91 100
92 58.8 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 23.502 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 75 Resp: 169245
Ion Ratio Lower Upper
75 100
77 30.2 21.3 39.6

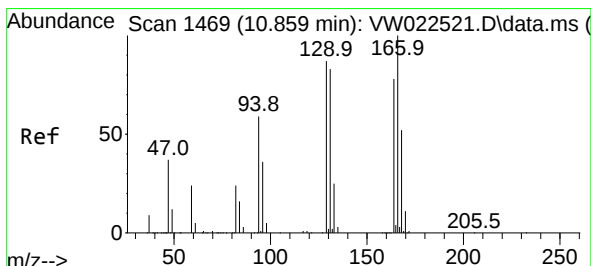
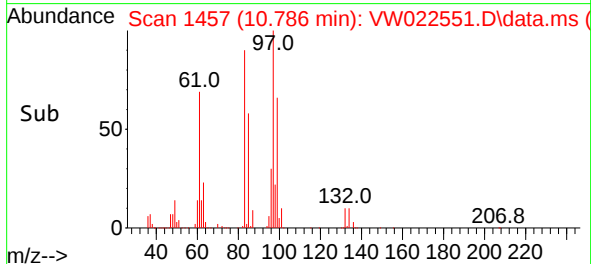
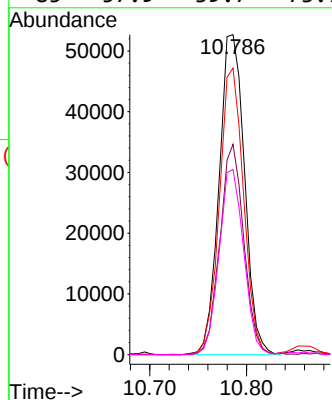
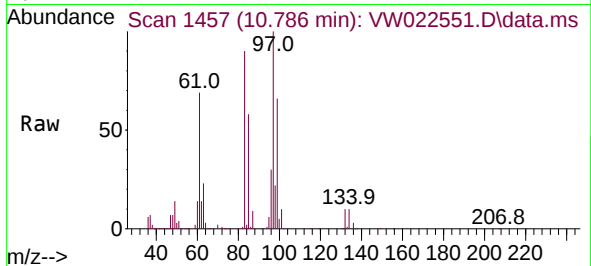




#45
1,1,2-Trichloroethane
Concen: 24.864 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

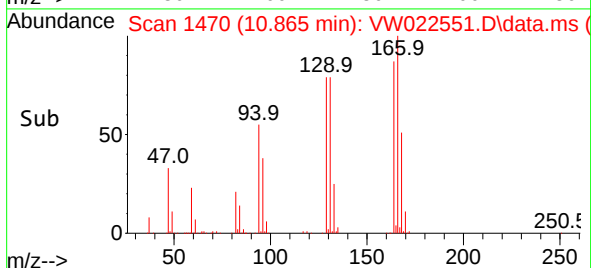
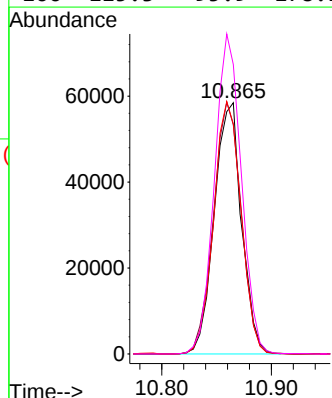
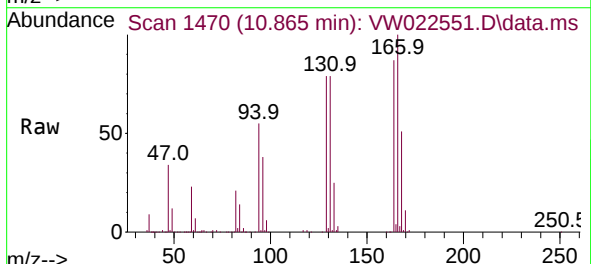
Instrument :
MSVOA_W
ClientSampleId :

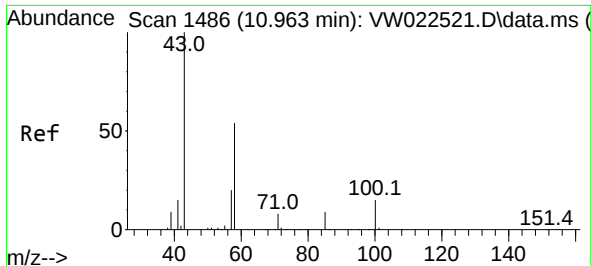
Tgt Ion:	97	Resp:	96177
Ion	Ratio	Lower	Upper
97	100		
99	65.8	46.0	85.4
83	89.6	60.6	112.6
85	57.9	39.7	73.7



#46
Tetrachloroethene
Concen: 24.265 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion:	164	Resp:	101040
Ion	Ratio	Lower	Upper
164	100		
129	91.2	74.1	137.7
131	91.6	71.4	132.6
166	115.3	95.9	178.1





#48

2-Hexanone

Concen: 46.599 ug/L

RT: 10.969 min Scan# 1486

Delta R.T. -0.000 min

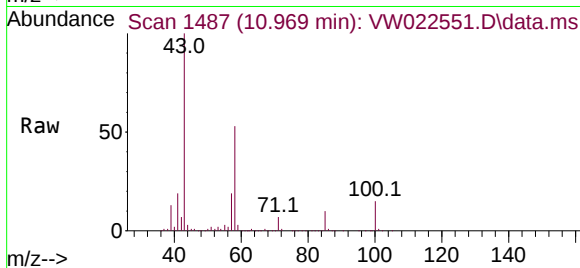
Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 101684

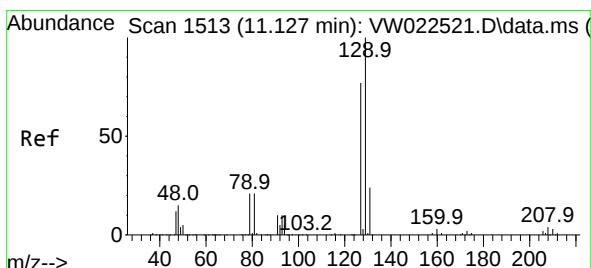
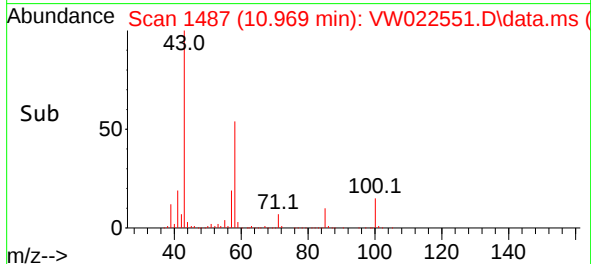
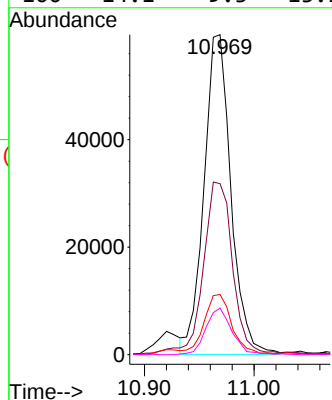
Ion Ratio Lower Upper

43 100

58 58.7 41.6 62.4

57 19.4 14.5 21.7

100 14.1 9.3 13.9#



#49

Dibromochloromethane

Concen: 26.420 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.001 min

Lab File: VW022551.D

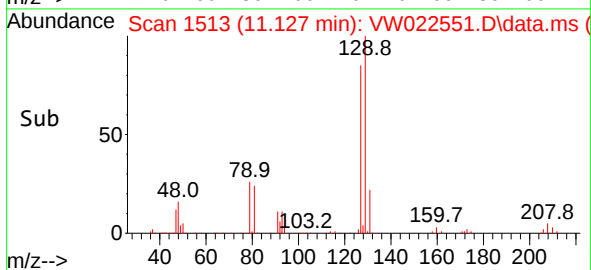
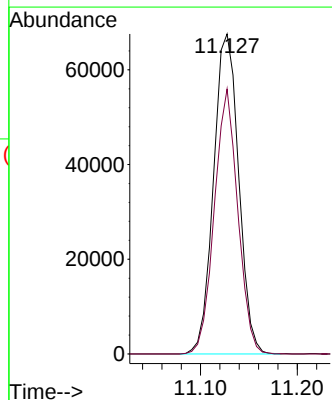
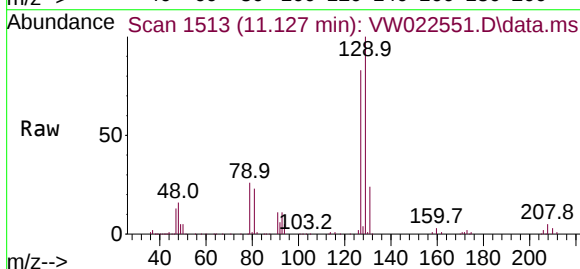
Acq: 15 Apr 2022 09:29

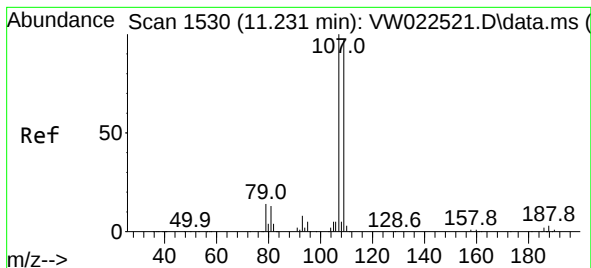
Tgt Ion:129 Resp: 121880

Ion Ratio Lower Upper

129 100

127 82.8 52.6 97.6

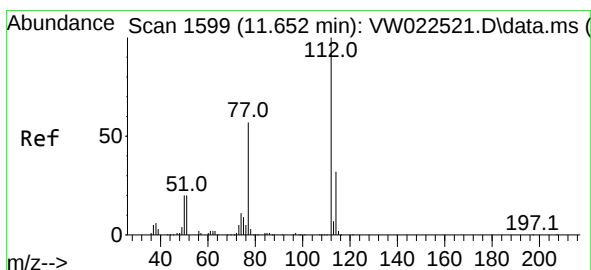
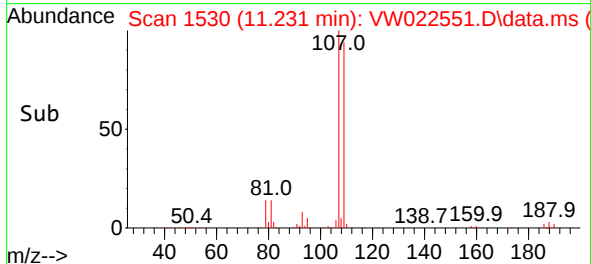
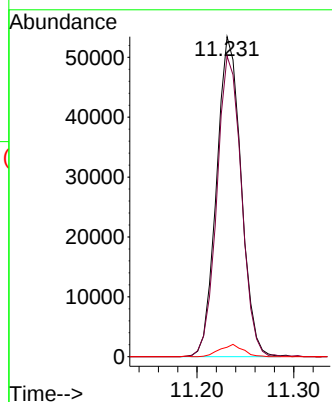
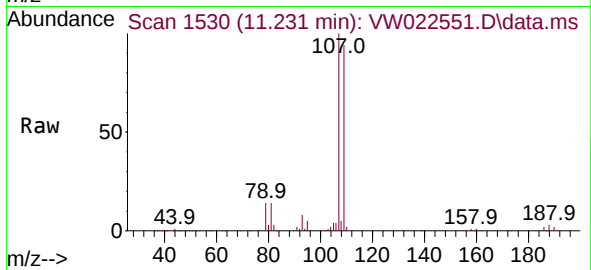




#50
1,2-Dibromoethane
Concen: 24.666 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

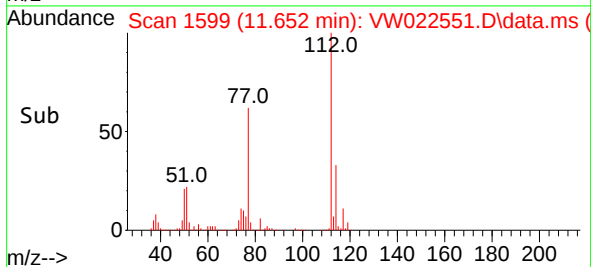
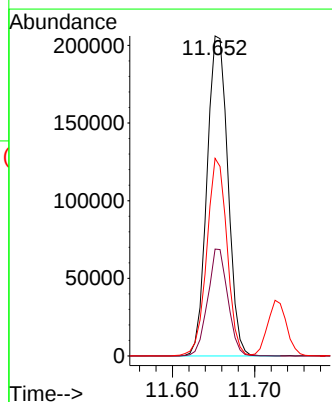
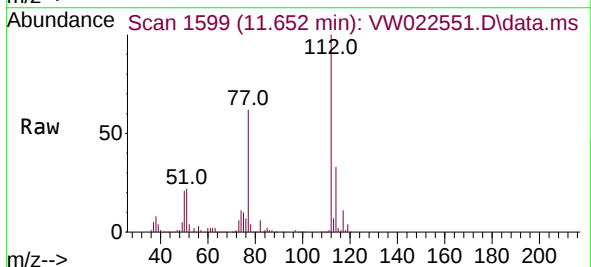
Instrument :
MSVOA_W
ClientSampleId :

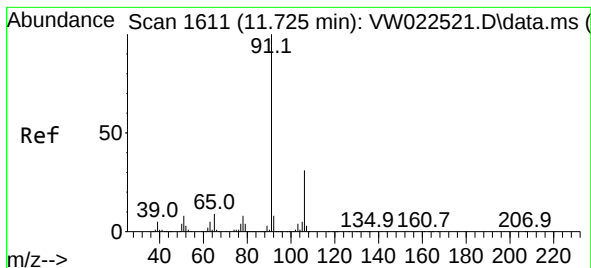
Tgt Ion:107 Resp: 94214
Ion Ratio Lower Upper
107 100
109 93.9 68.2 126.6
188 3.0 2.8 4.2



#51
Chlorobenzene
Concen: 24.513 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.007 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion:112 Resp: 363151
Ion Ratio Lower Upper
112 100
114 33.4 20.5 38.1
77 61.8 48.1 72.1

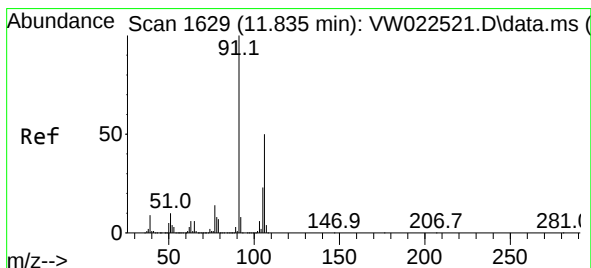
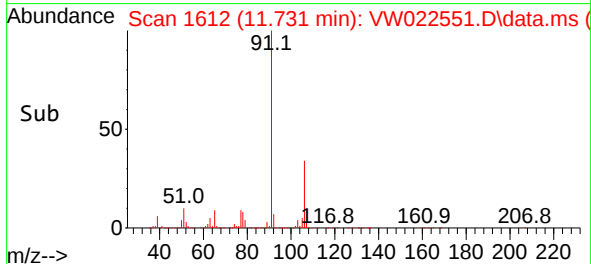
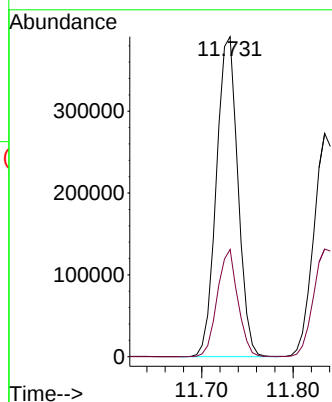
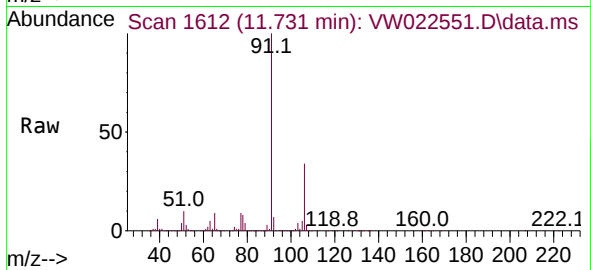




#52
Ethylbenzene
Concen: 23.550 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

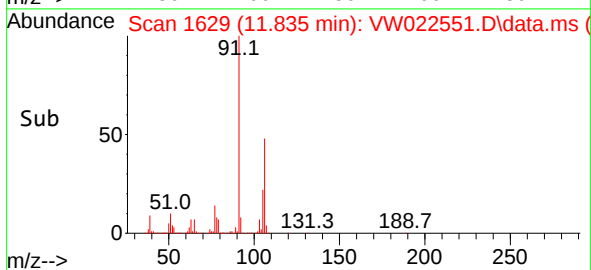
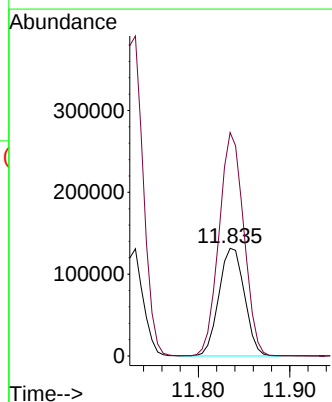
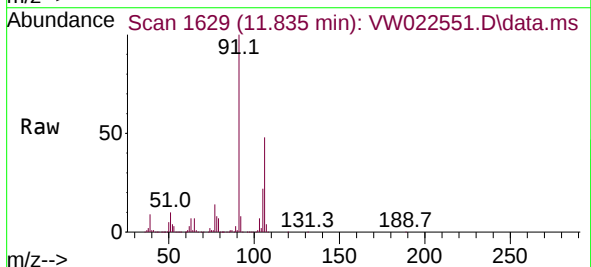
Instrument :
MSVOA_W
ClientSampleId :

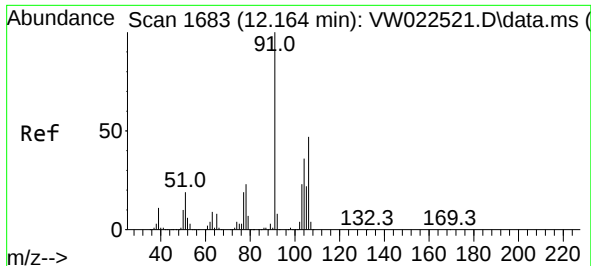
Tgt Ion: 91 Resp: 639930
Ion Ratio Lower Upper
91 100
106 33.5 20.5 38.1



#53
m,p-Xylene
Concen: 24.790 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion: 106 Resp: 256131
Ion Ratio Lower Upper
106 100
91 207.2 149.9 278.5

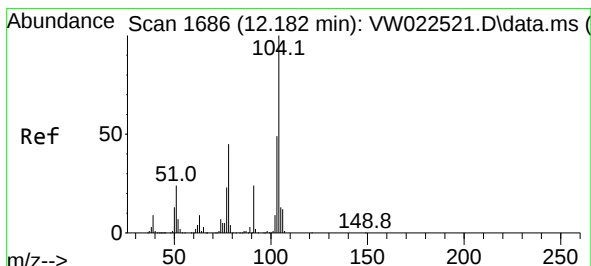
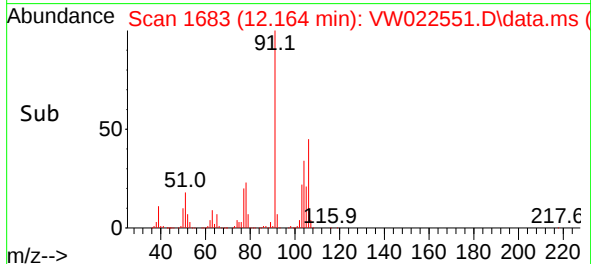
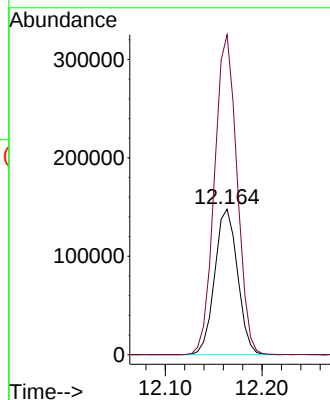
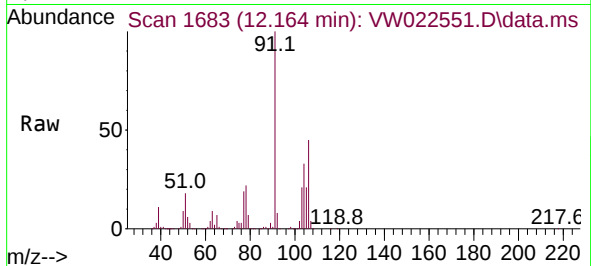




#54
o-Xylene
Concen: 24.567 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

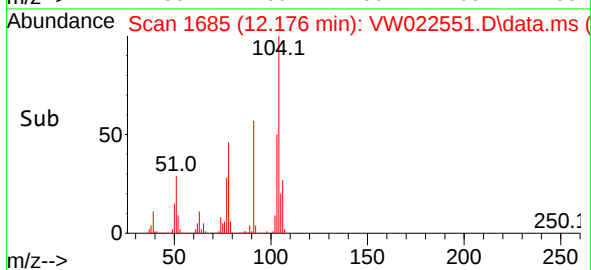
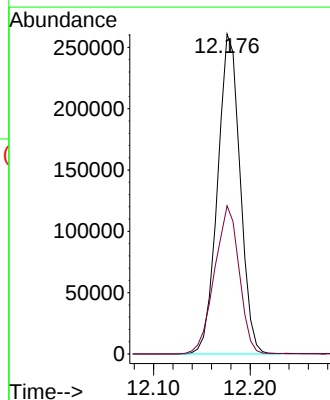
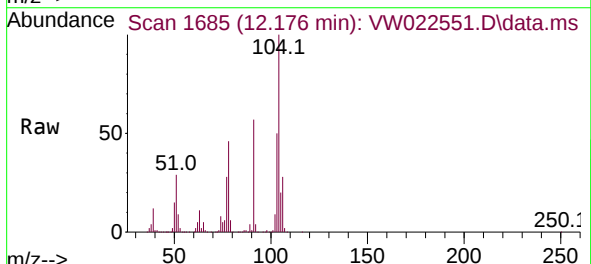
Instrument :
MSVOA_W
ClientSampleId :

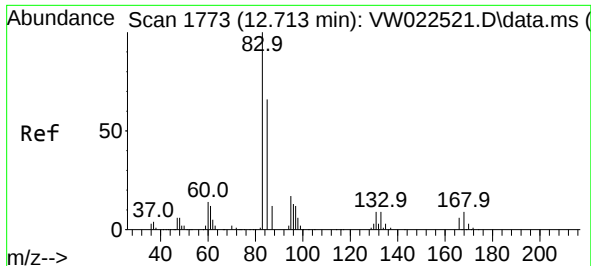
Tgt Ion:106 Resp: 242557
Ion Ratio Lower Upper
106 100
91 219.8 155.3 288.3



#55
Styrene
Concen: 24.964 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion:104 Resp: 421118
Ion Ratio Lower Upper
104 100
78 46.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.323 ug/L

RT: 12.712 min Scan# 1

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

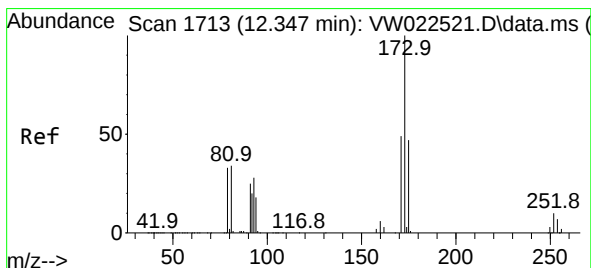
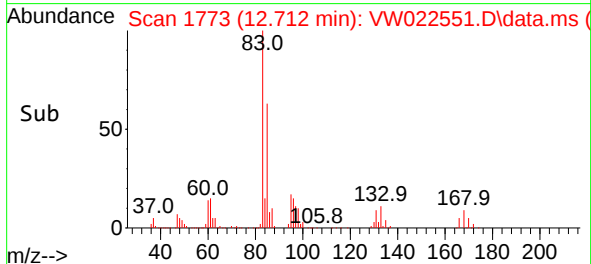
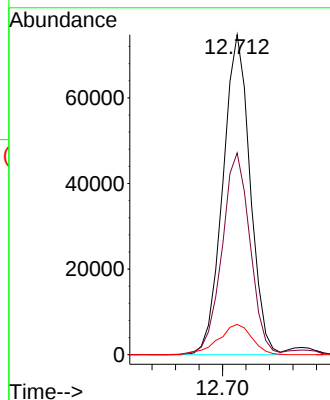
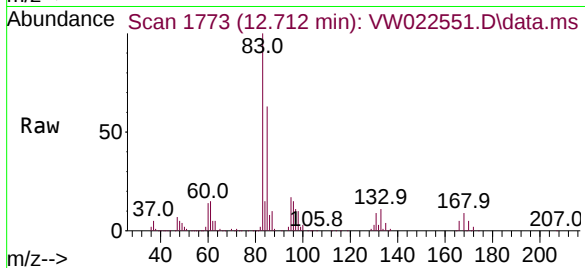
Tgt Ion: 83 Resp: 120226

Ion Ratio Lower Upper

83 100

85 63.0 45.5 84.5

131 9.5 7.8 11.8



#59

Bromoform

Concen: 23.833 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

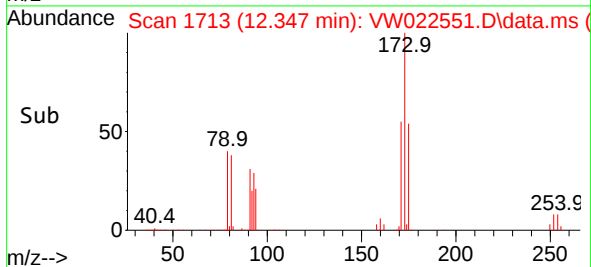
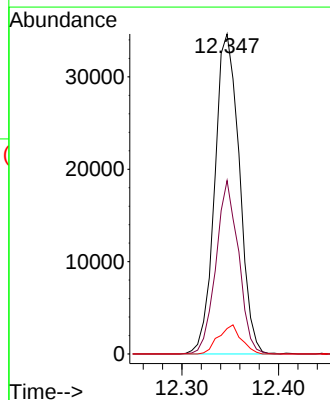
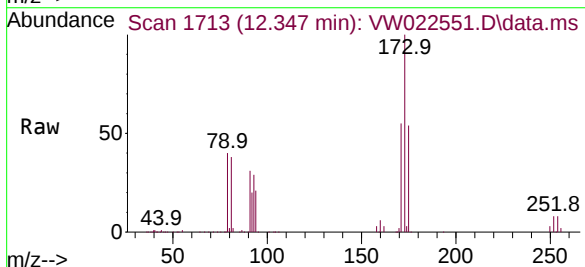
Tgt Ion: 173 Resp: 61041

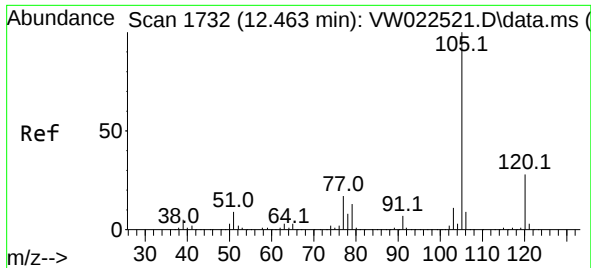
Ion Ratio Lower Upper

173 100

175 49.8 39.2 58.8

254 8.4 6.6 9.8

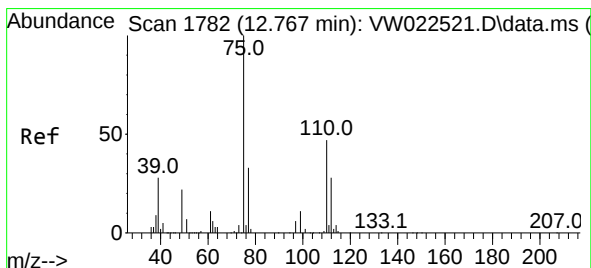
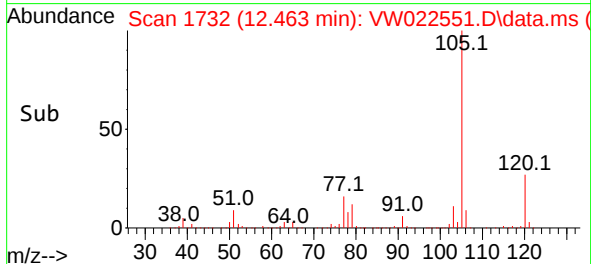
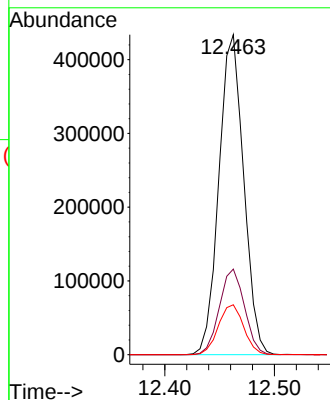
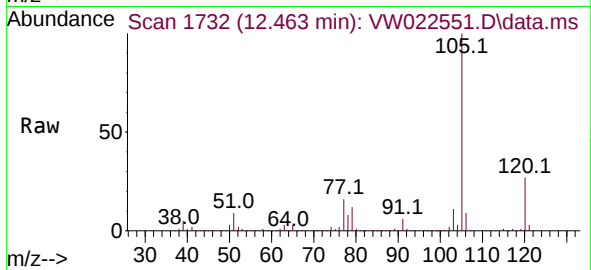




#60
Isopropylbenzene
Concen: 23.784 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

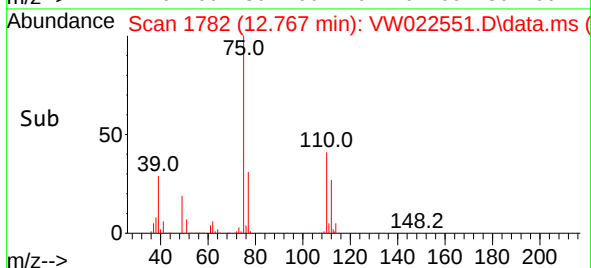
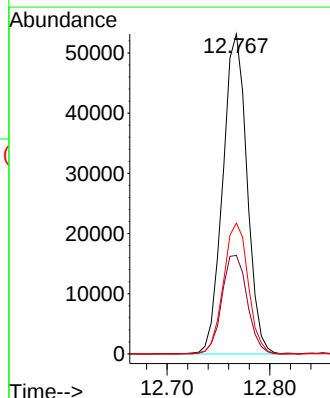
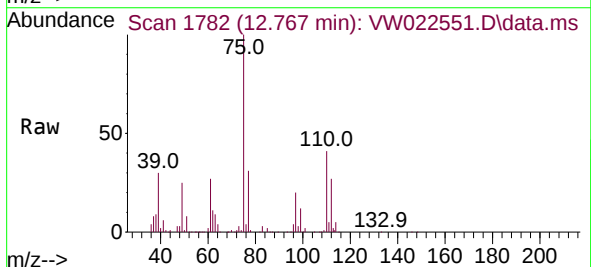
Instrument :
MSVOA_W
ClientSampleId :

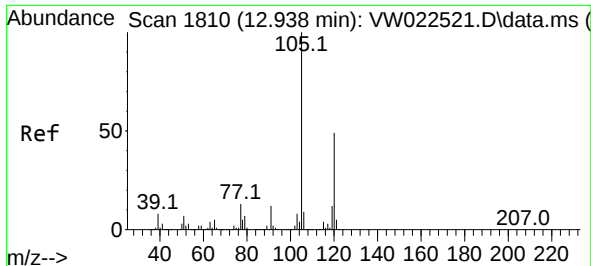
Tgt Ion:105 Resp: 680961
Ion Ratio Lower Upper
105 100
120 27.0 20.9 31.3
77 16.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.706 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

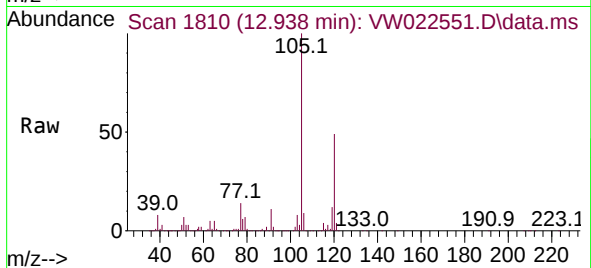
Tgt Ion: 75 Resp: 86916
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 41.7 31.8 47.6



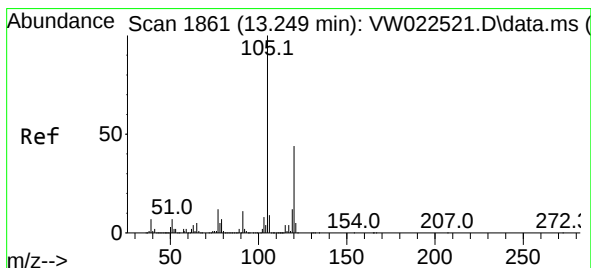
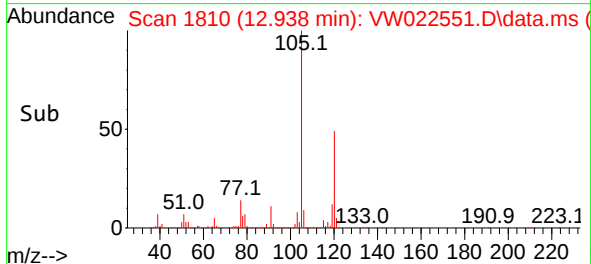
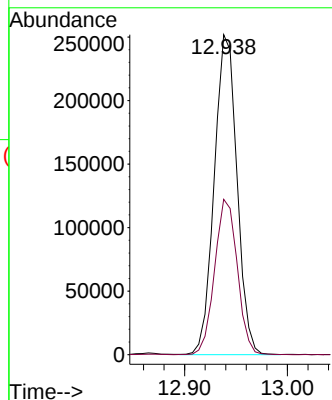


#62
1,3,5-Trimethylbenzene
Concen: 24.540 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Instrument :
MSVOA_W
ClientSampleId :

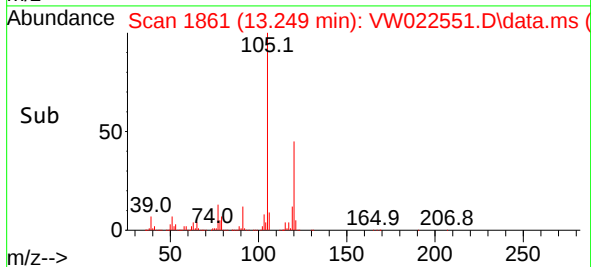
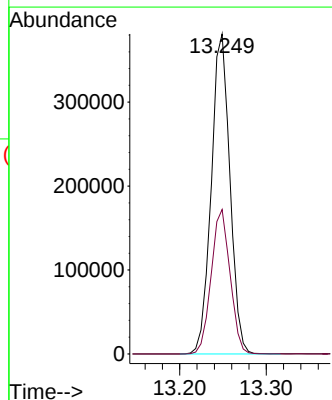
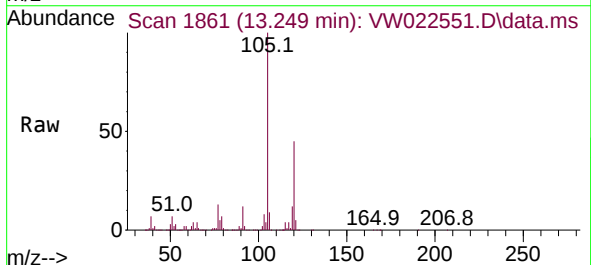


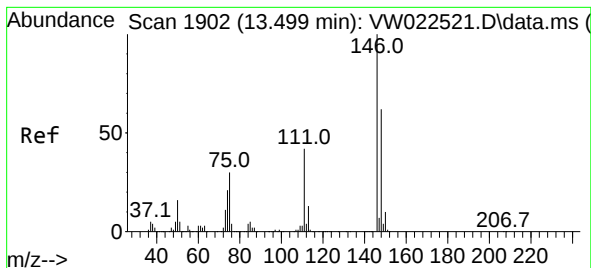
Tgt Ion:105 Resp: 386398
Ion Ratio Lower Upper
105 100
120 48.4 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 23.807 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.001 min
Lab File: VW022551.D
Acq: 15 Apr 2022 09:29

Tgt Ion:105 Resp: 570041
Ion Ratio Lower Upper
105 100
120 45.6 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 24.894 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

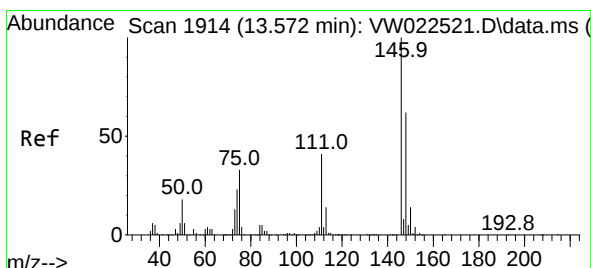
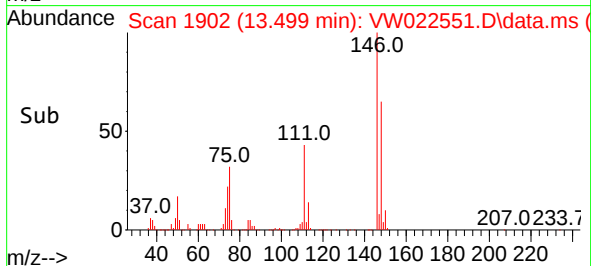
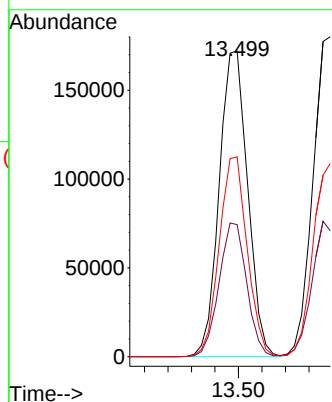
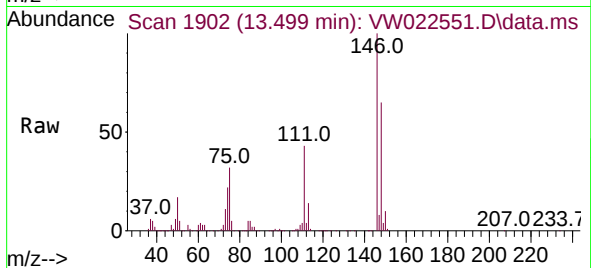
Tgt Ion:146 Resp: 289271

Ion Ratio Lower Upper

146 100

111 43.2 28.2 52.4

148 65.4 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 25.343 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

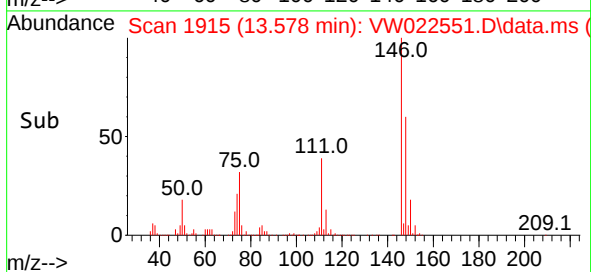
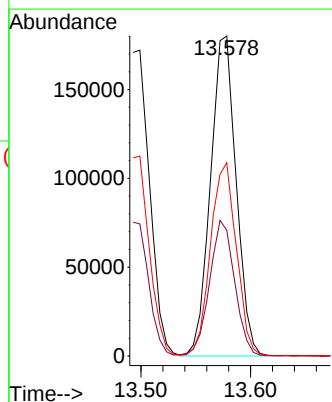
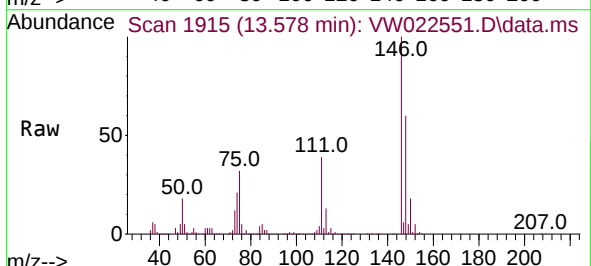
Tgt Ion:146 Resp: 293691

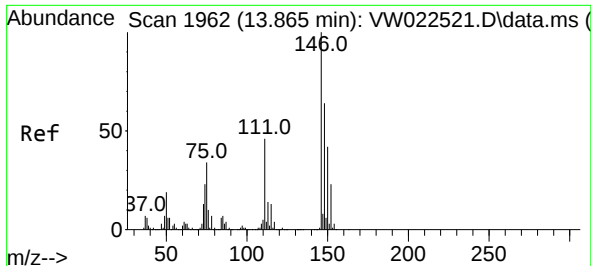
Ion Ratio Lower Upper

146 100

111 39.3 28.5 52.9

148 60.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.270 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

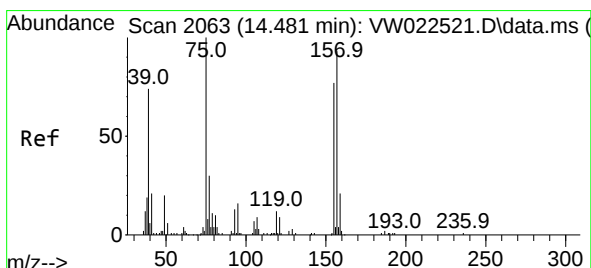
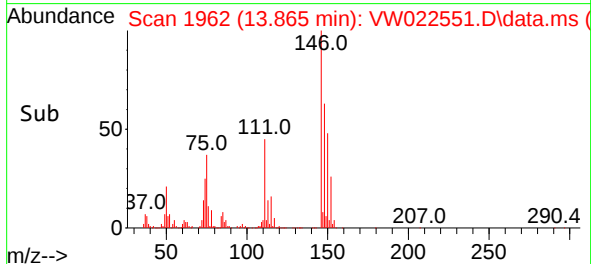
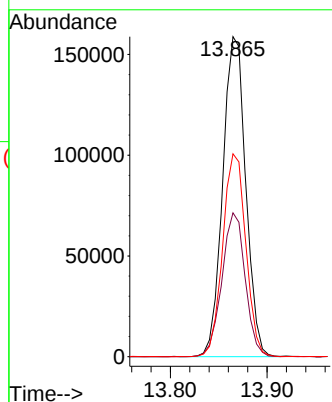
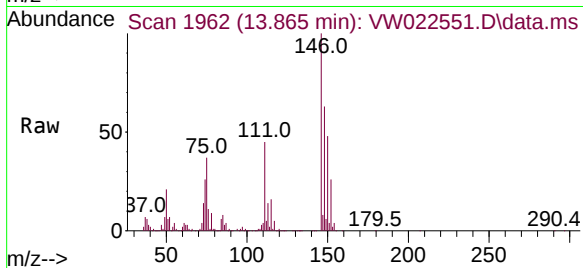
Tgt Ion:146 Resp: 262610

Ion Ratio Lower Upper

146 100

111 45.0 39.0 58.4

148 63.4 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.469 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

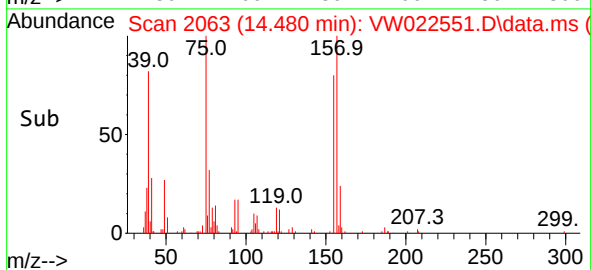
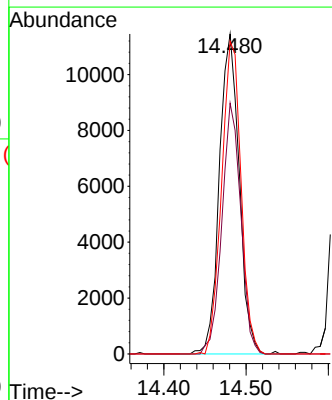
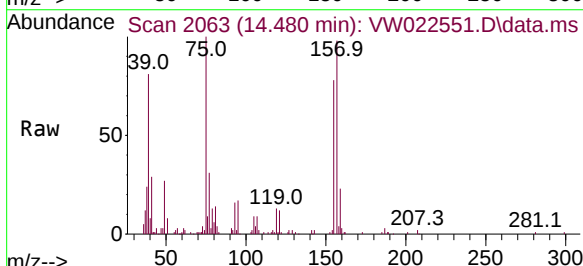
Tgt Ion: 75 Resp: 19106

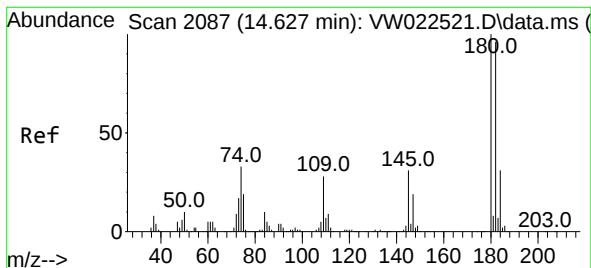
Ion Ratio Lower Upper

75 100

155 78.3 55.6 83.4

157 97.7 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 26.070 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 197649

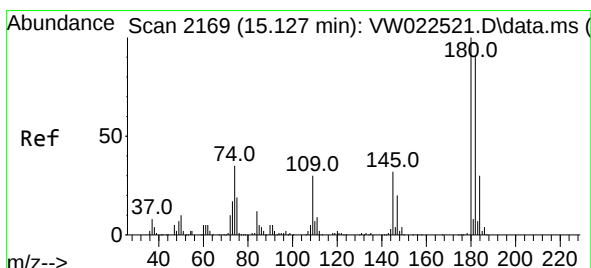
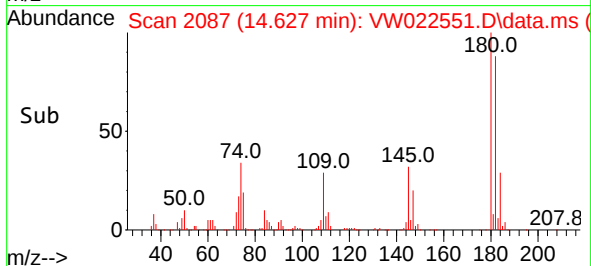
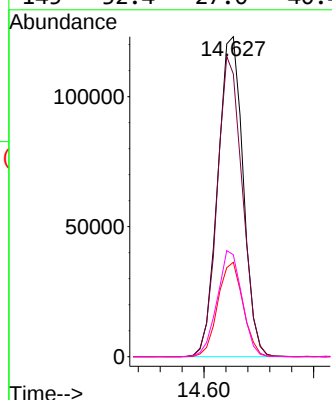
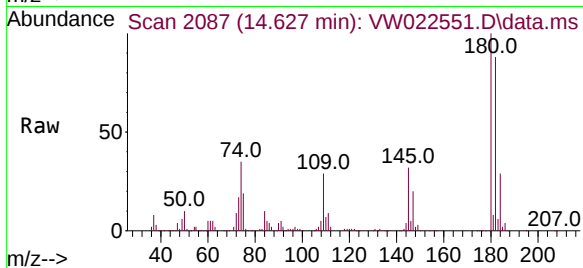
Ion Ratio Lower Upper

180 100

182 92.8 79.1 118.7

184 29.4 24.5 36.7

145 32.4 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 23.823 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

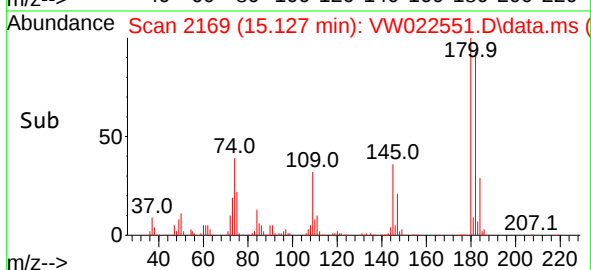
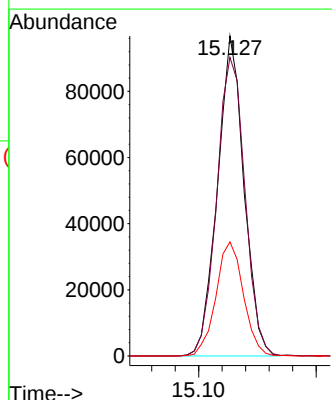
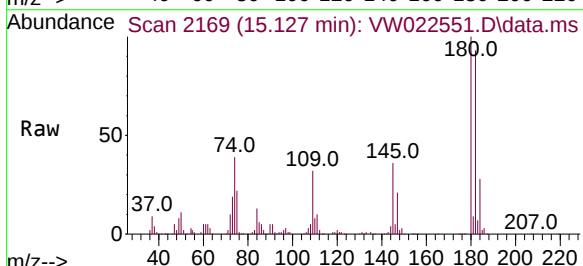
Tgt Ion:180 Resp: 151689

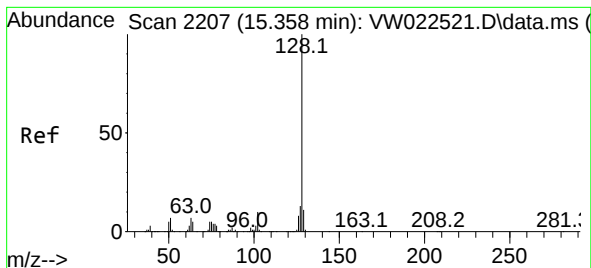
Ion Ratio Lower Upper

180 100

182 99.3 72.8 109.2

145 36.9 25.5 38.3





#71

Naphthalene

Concen: 25.205 ug/L

RT: 15.358 min Scan# 2207

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

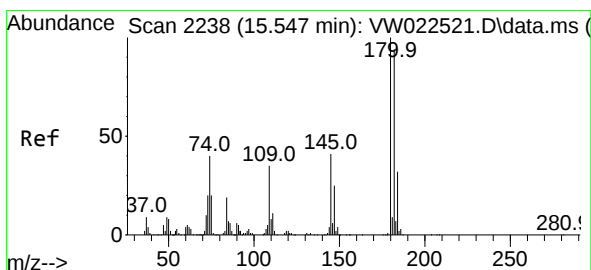
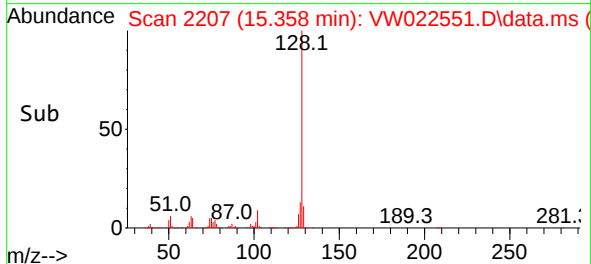
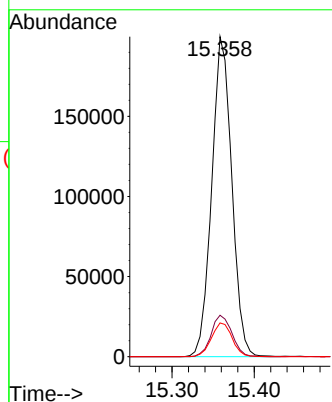
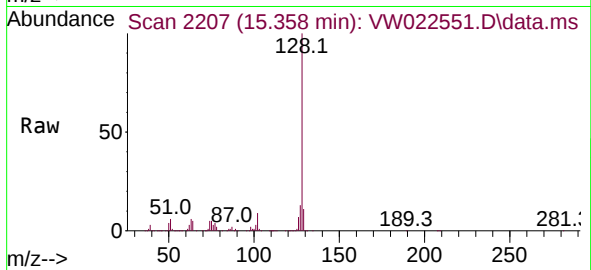
Tgt Ion:128 Resp: 338497

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.124 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.001 min

Lab File: VW022551.D

Acq: 15 Apr 2022 09:29

Tgt Ion:180 Resp: 136737

Ion Ratio Lower Upper

180 100

182 94.2 73.4 110.0

145 36.0 27.0 40.6

