

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022163.D
 Acq On : 03 Mar 2022 14:59
 Operator : SY/VA
 Sample : N1733-11MS
 Misc : 5.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 04 00:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	175713	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	161579	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48428	21.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.520%
7) Chloroethane-d5	2.879	69	38337	21.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.040%
11) 1,1-Dichloroethene-d2	4.019	63	72727	20.722	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.080	46	19027	49.377	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.760%
24) Chloroform-d	7.647	84	94285	24.050	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	8.305	65	46272	22.706	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.840%
32) Benzene-d6	8.269	84	174813	23.247	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.275	67	49985	23.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.323	98	169973	22.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.579	79	20365	21.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.921	63	17273	50.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	44747	24.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	69787	24.491	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	9382	19.105	ug/L	94
3) Chloromethane	2.209	50	36009	21.399	ug/L	96
5) Vinyl chloride	2.361	62	54409	21.519	ug/L	94
6) Bromomethane	2.776	94	32564	18.441	ug/L	94
8) Chloroethane	2.916	64	29583	20.828	ug/L	98
9) Trichlorofluoromethane	3.251	101	34430	20.057	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	43674	20.854	ug/L	97
12) 1,1-Dichloroethene	4.044	96	38028	20.951	ug/L	90
13) Acetone	4.129	43	15460	49.122	ug/L	98
14) Carbon disulfide	4.379	76	83668	17.779	ug/L	99
15) Methyl Acetate	4.678	43	11988	16.919	ug/L	96
16) Methylene chloride	4.916	84	41547	19.263	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	41917	21.025	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	55507	20.464	ug/L	99
19) 1,1-Dichloroethane	6.214	63	71326	22.099	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	49824	23.070	ug/L	99
22) 2-Butanone	7.171	43	19888	43.990	ug/L	98
23) Bromochloromethane	7.513	128	22010	20.863	ug/L	94
25) Chloroform	7.677	83	82547	21.919	ug/L	96

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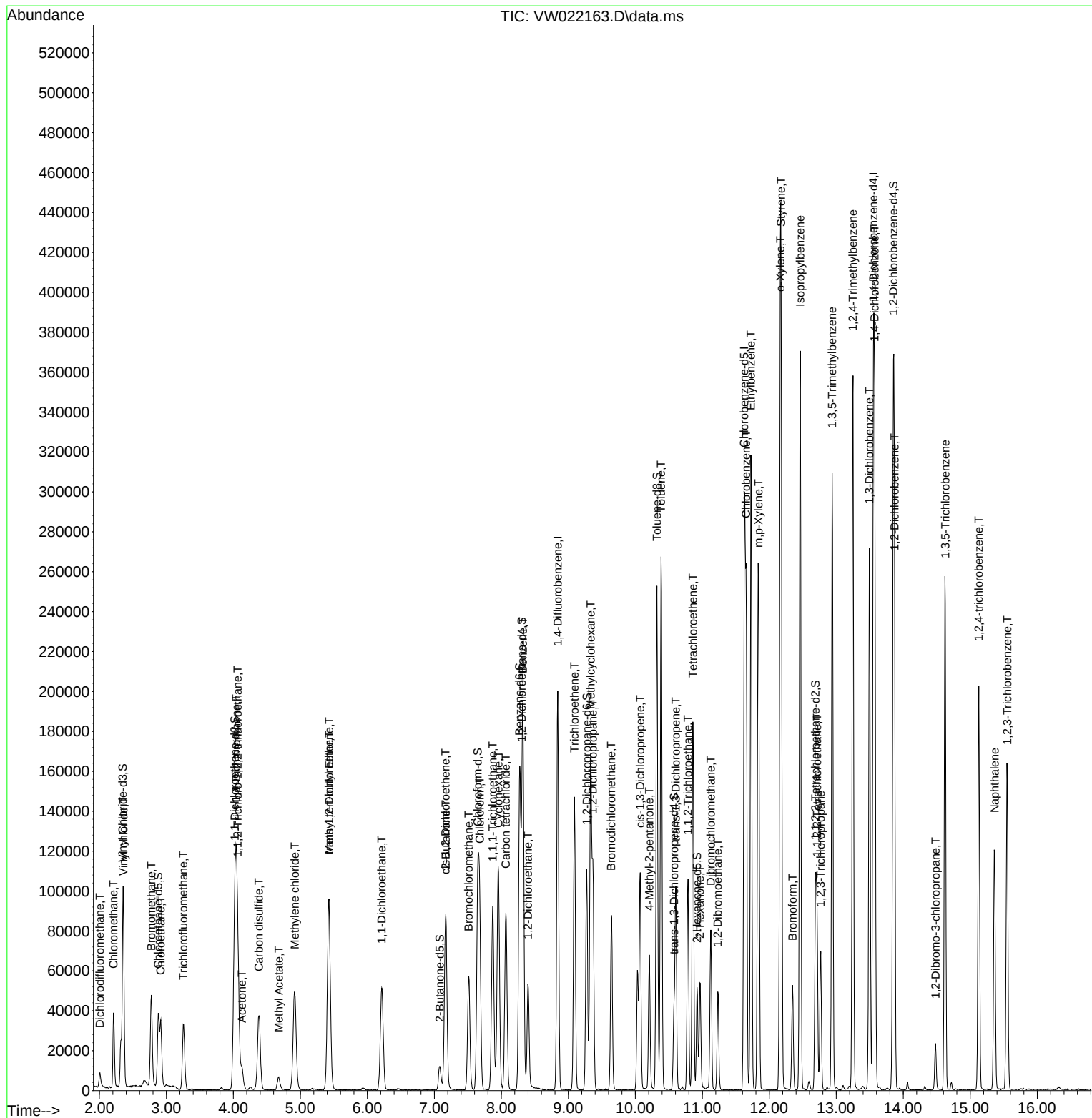
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27) 1,2-Dichloroethane	8.397	62	46693	20.130	ug/L	97
29) Cyclohexane	7.958	56	57110	21.238	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	73551	22.626	ug/L	98
31) Carbon tetrachloride	8.067	117	68619	22.210	ug/L	100
33) Benzene	8.323	78	168329	21.548	ug/L	100
34) Trichloroethene	9.092	95	48303	21.595	ug/L	96
35) Methylcyclohexane	9.336	83	72784	21.038	ug/L	99
37) 1,2-Dichloropropane	9.366	63	39425	21.633	ug/L	100
38) Bromodichloromethane	9.640	83	57644	22.056	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	61641	22.251	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	40021	40.664	ug/L	99
42) Toluene	10.384	91	196305	22.202	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	54743	21.990	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33349	20.636	ug/L	97
46) Tetrachloroethene	10.860	164	41320	21.088	ug/L	94
48) 2-Hexanone	10.963	43	33390	48.881	ug/L	98
49) Dibromochloromethane	11.128	129	40795	20.782	ug/L	99
50) 1,2-Dibromoethane	11.232	107	30940	19.849	ug/L	91
51) Chlorobenzene	11.652	112	135773	22.065	ug/L	97
52) Ethylbenzene	11.725	91	222287	22.717	ug/L	98
53) m,p-Xylene	11.841	106	89989	22.350	ug/L	97
54) o-Xylene	12.164	106	88275	23.301	ug/L	98
55) Styrene	12.176	104	146396	23.050	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	38698	20.638	ug/L	99
59) Bromoform	12.347	173	23850	20.329	ug/L #	99
60) Isopropylbenzene	12.463	105	237285	22.281	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	26472	18.906	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	166288	23.481	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	194866	22.516	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	110670	20.948	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	112961	21.337	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	99666	21.219	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5596	18.905	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	79235	20.896	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	63449	22.115	ug/L	97
71) Naphthalene	15.365	128	106578	21.043	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	53336	21.492	ug/L	98

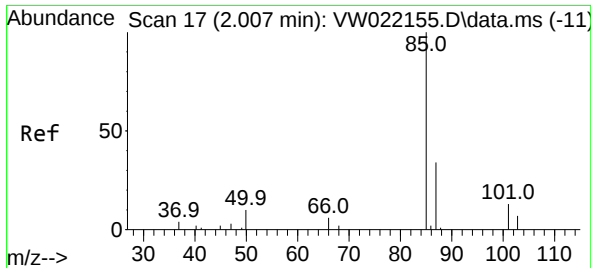
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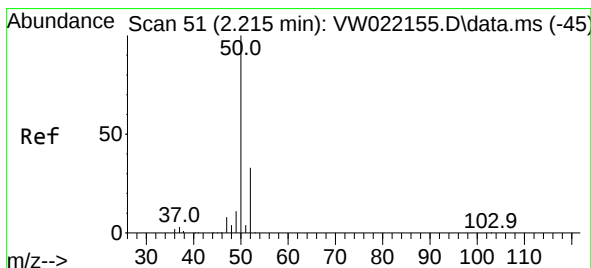
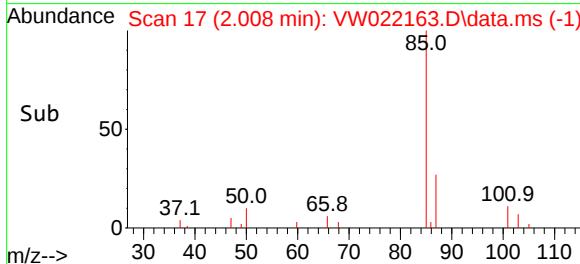
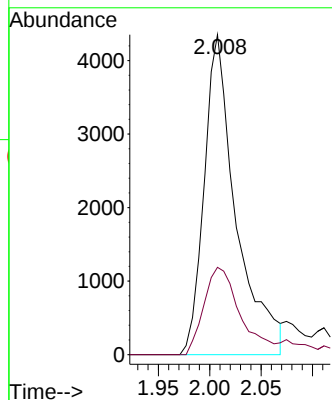
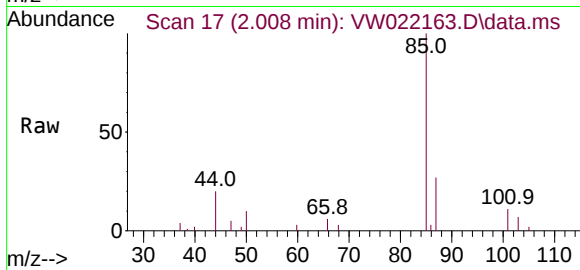




#2
 Dichlorodifluoromethane
 Concen: 19.105 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022163.D
 Acq: 03 Mar 2022 14:59

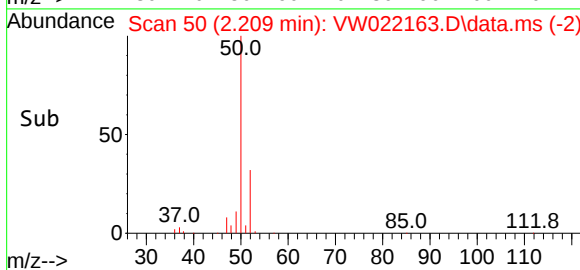
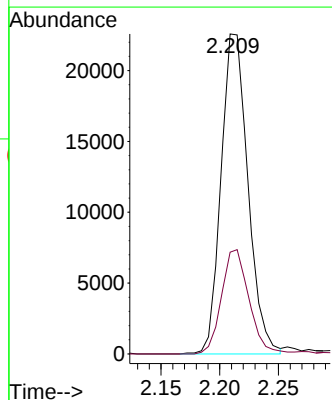
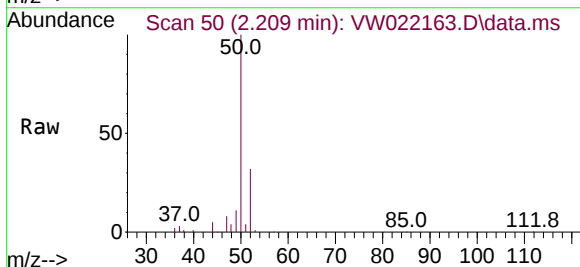
Instrument :
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 ClientSampleId :

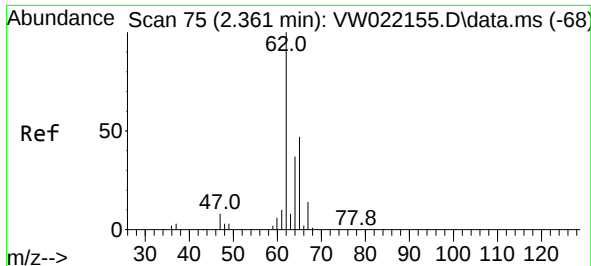
Tgt Ion: 85 Resp: 9382
 Ion Ratio Lower Upper
 85 100
 87 31.0 27.6 41.4



#3
 Chloromethane
 Concen: 21.399 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW022163.D
 Acq: 03 Mar 2022 14:59

Tgt Ion: 50 Resp: 36009
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.9 44.5





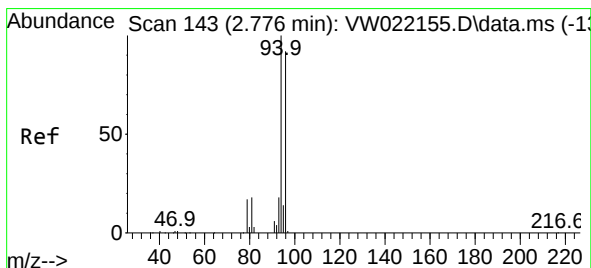
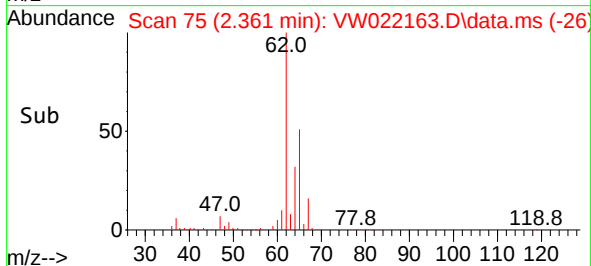
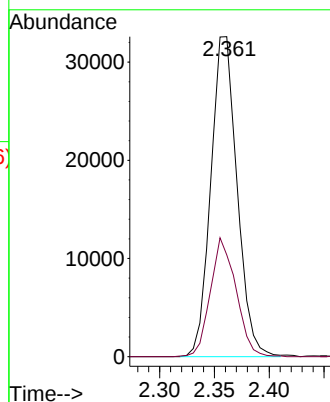
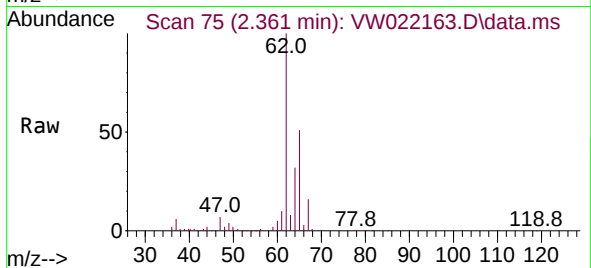
#5
 Vinyl chloride
 Concen: 21.519 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022163.D
 Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

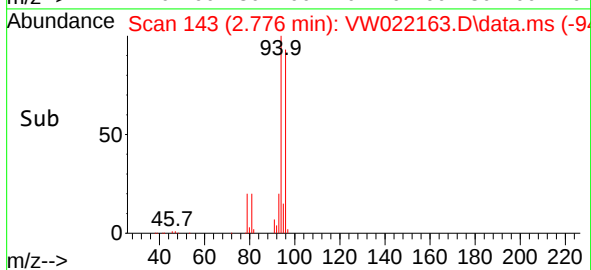
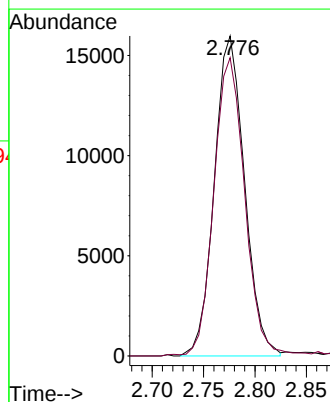
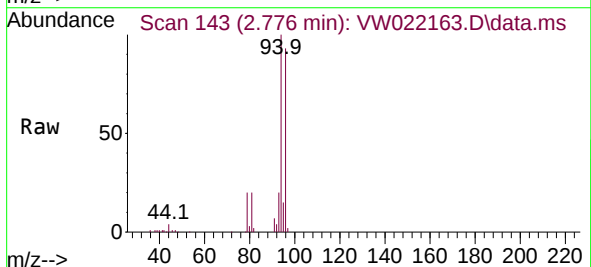
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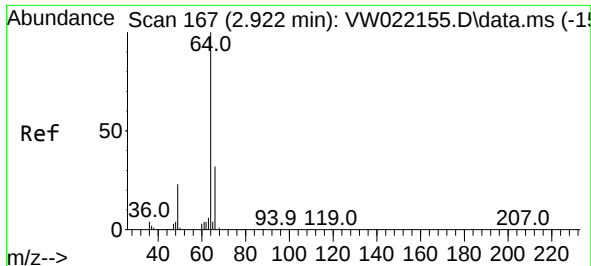
Tgt Ion: 62 Resp: 54409
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.7 45.9



#6
 Bromomethane
 Concen: 18.441 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022163.D
 Acq: 03 Mar 2022 14:59

Tgt Ion: 94 Resp: 32564
 Ion Ratio Lower Upper
 94 100
 96 93.2 61.2 113.8

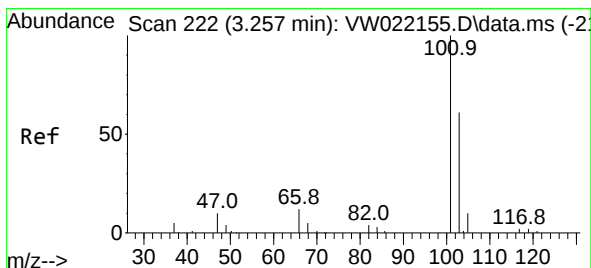
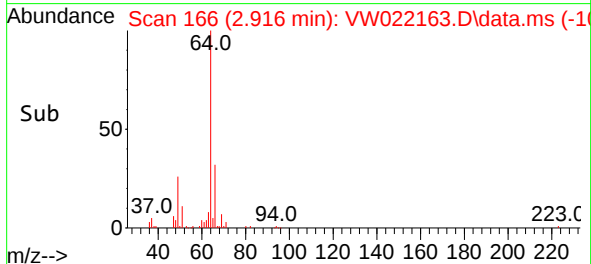
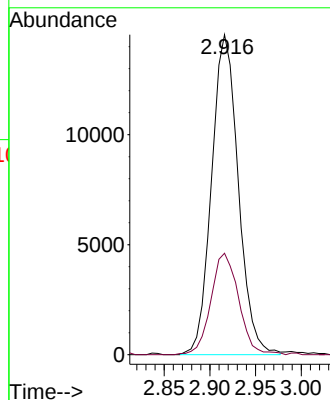
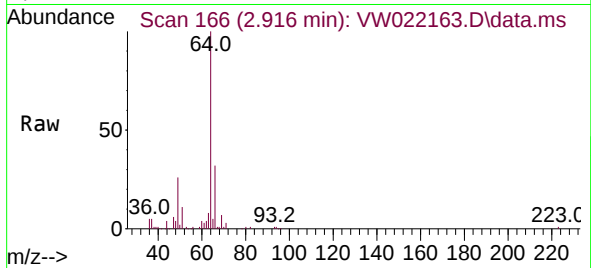




#8
Chloroethane
Concen: 20.828 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

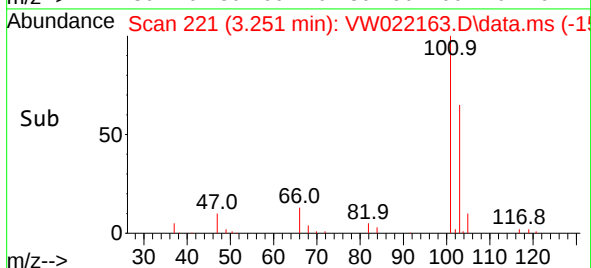
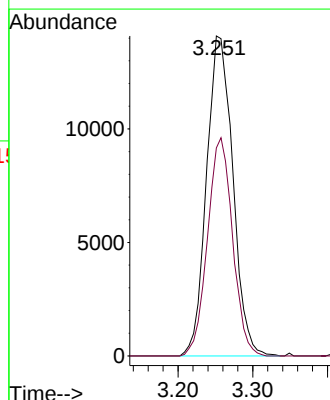
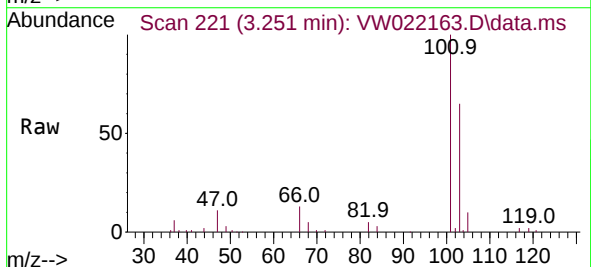
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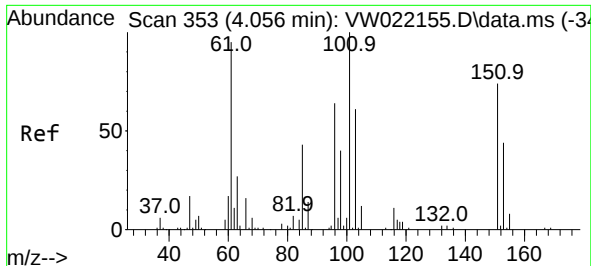
Tgt Ion: 64 Resp: 29583
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.0



#9
Trichlorofluoromethane
Concen: 20.057 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 101 Resp: 34430
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8

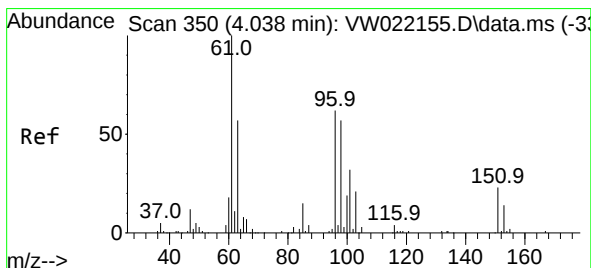
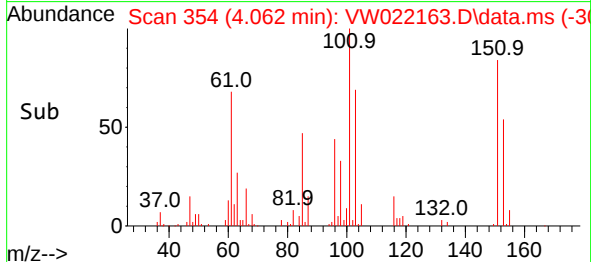
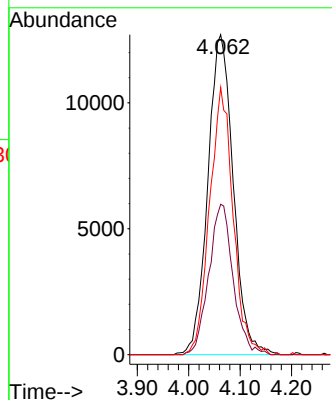
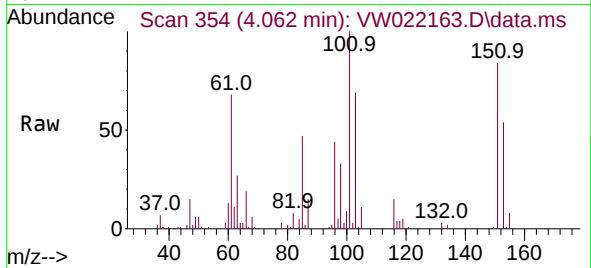




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.854 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022163.D
 Acq: 03 Mar 2022 14:59

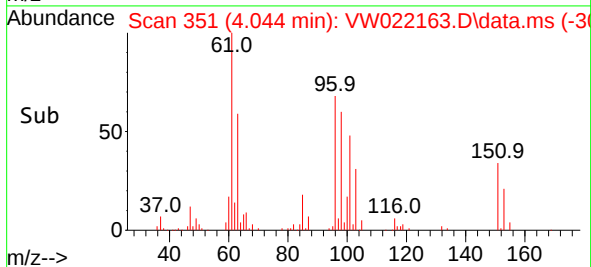
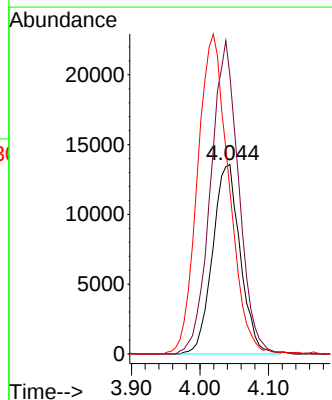
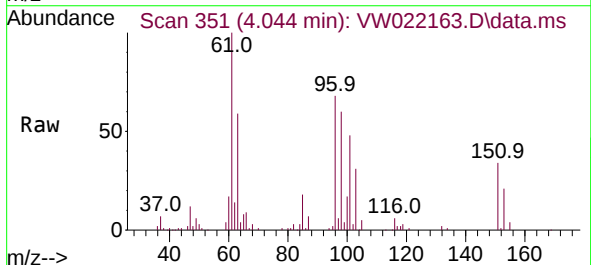
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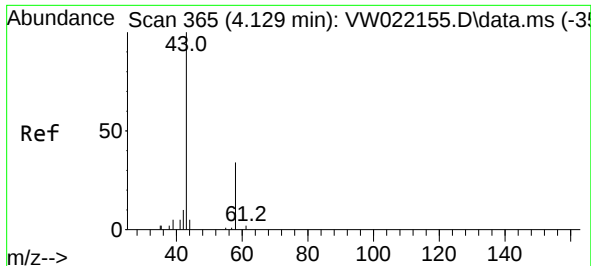
Tgt Ion:101 Resp: 43674
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.4 51.6
 151 76.8 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 20.951 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022163.D
 Acq: 03 Mar 2022 14:59

Tgt Ion: 96 Resp: 38028
 Ion Ratio Lower Upper
 96 100
 61 146.9 108.4 201.2
 63 85.9 72.0 133.6





#13

Acetone

Concen: 49.122 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

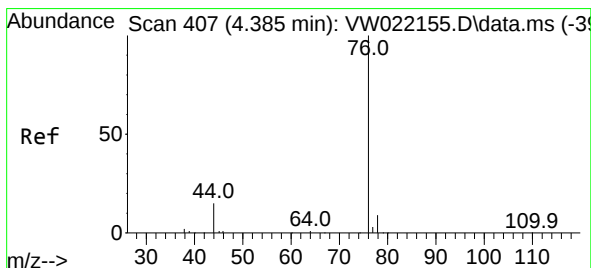
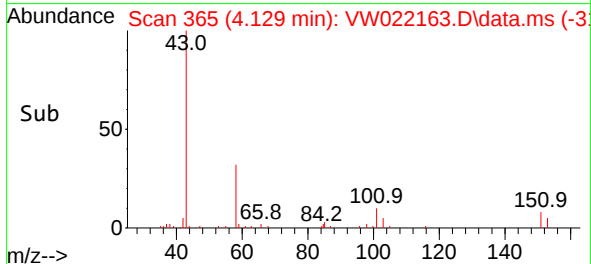
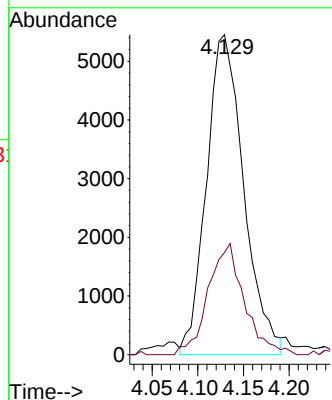
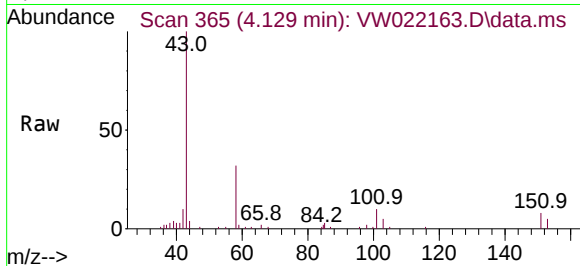
ClientSampleId :

Tgt Ion: 43 Resp: 15460

Ion Ratio Lower Upper

43 100

58 33.6 0.0 69.2



#14

Carbon disulfide

Concen: 17.779 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW022163.D

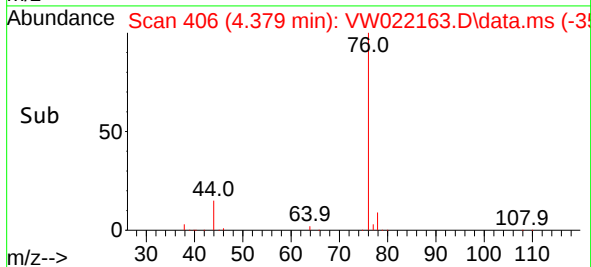
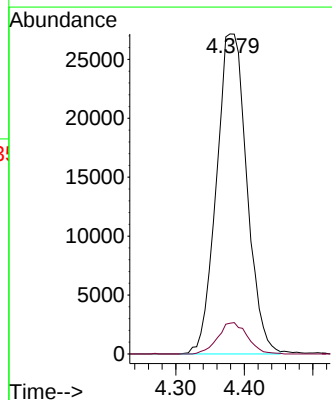
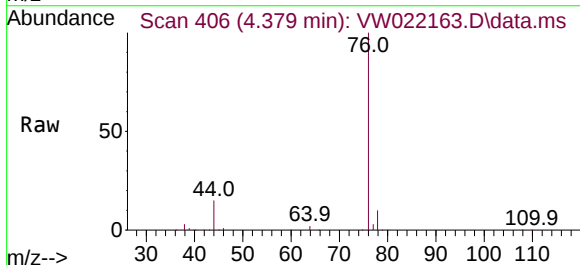
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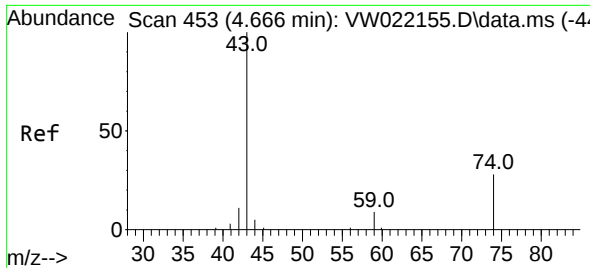
Tgt Ion: 76 Resp: 83668

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.8

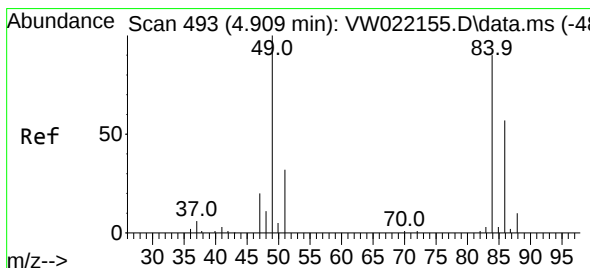
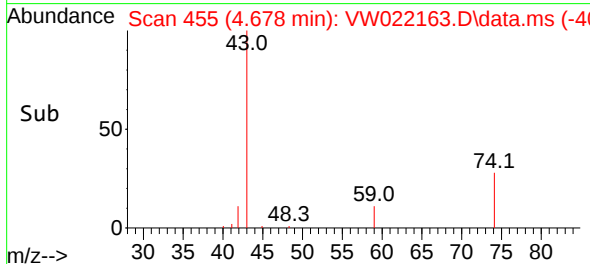
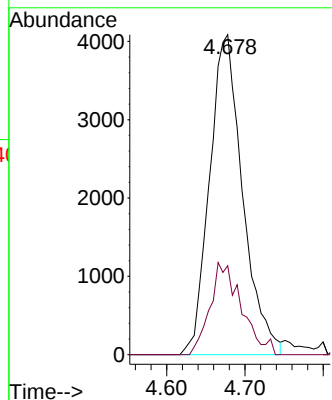
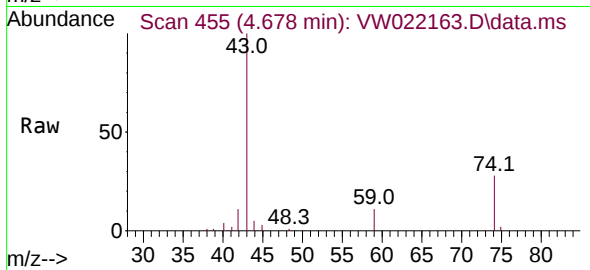




#15
Methyl Acetate
Concen: 16.919 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

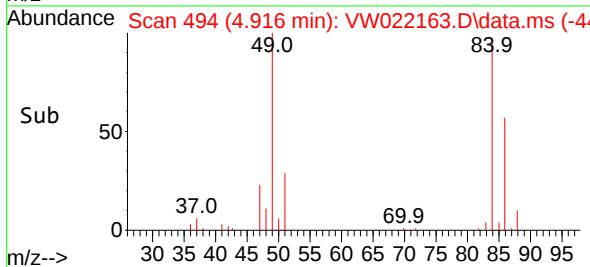
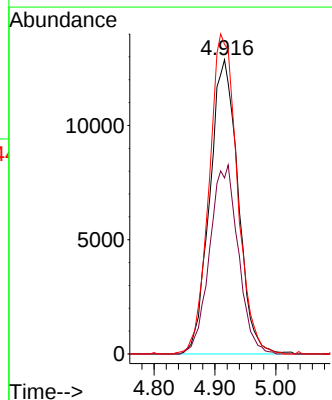
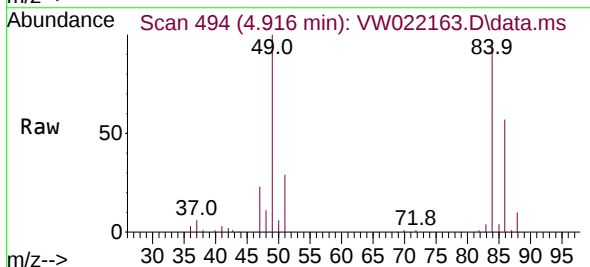
Instrument :
MSVOA_W
ClientSampleId :

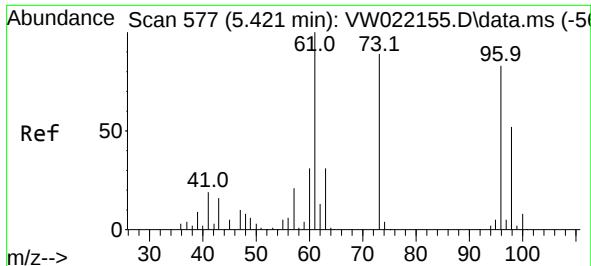
Tgt Ion: 43 Resp: 11988
Ion Ratio Lower Upper
43 100
74 26.4 23.0 34.6



#16
Methylene chloride
Concen: 19.263 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 84 Resp: 41547
Ion Ratio Lower Upper
84 100
86 59.8 45.8 85.0
49 105.2 73.8 137.0

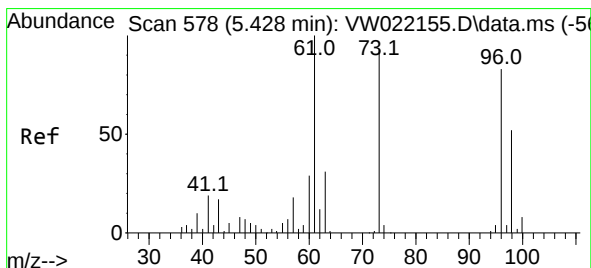
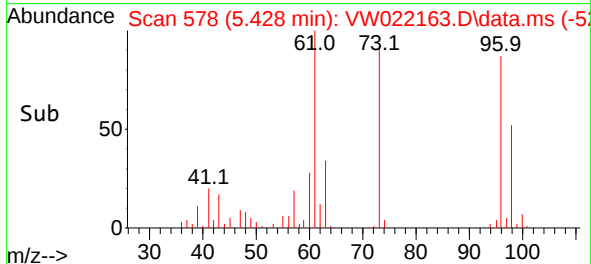
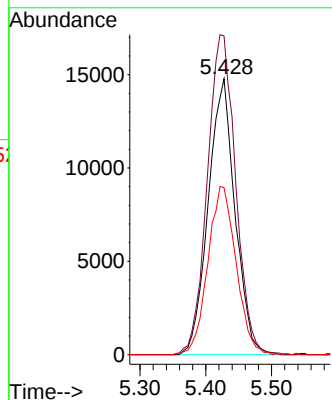
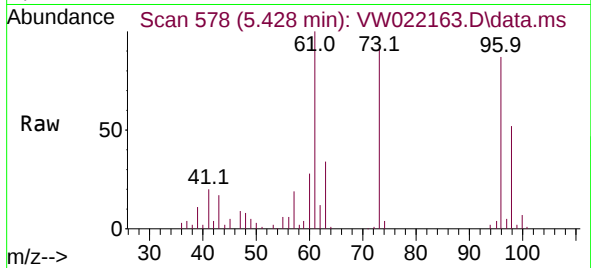




#17
trans-1,2-Dichloroethene
Concen: 21.025 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

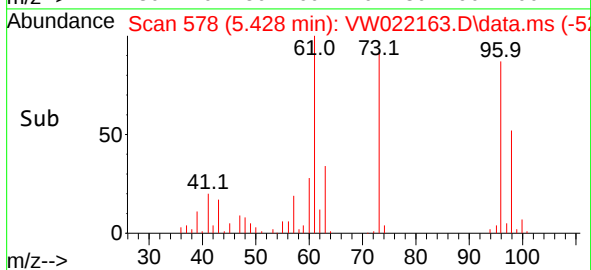
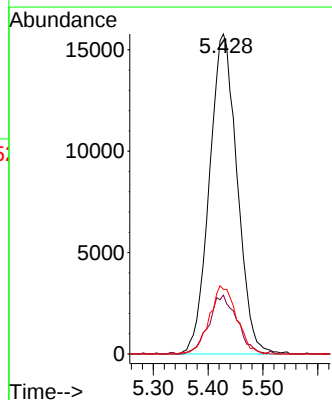
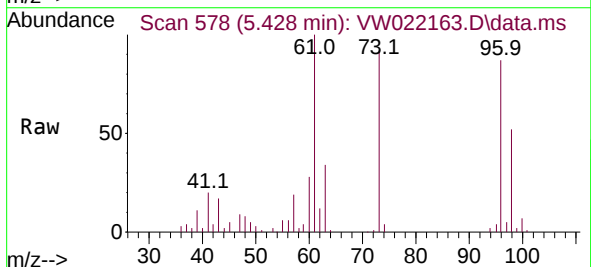
Instrument :
MSVOA_W
ClientSampleId :

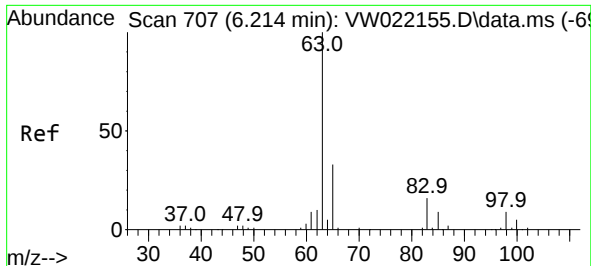
Tgt Ion: 96 Resp: 41917
Ion Ratio Lower Upper
96 100
61 115.5 87.3 162.1
98 60.6 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 20.464 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 73 Resp: 55507
Ion Ratio Lower Upper
73 100
43 18.6 15.4 23.2
57 20.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 22.099 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022163.D

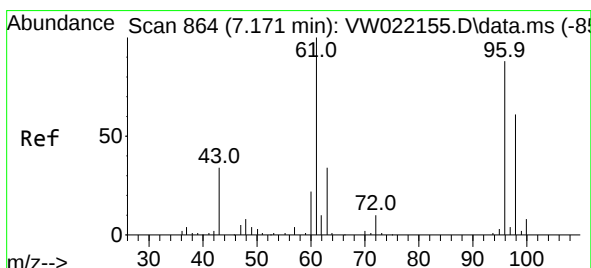
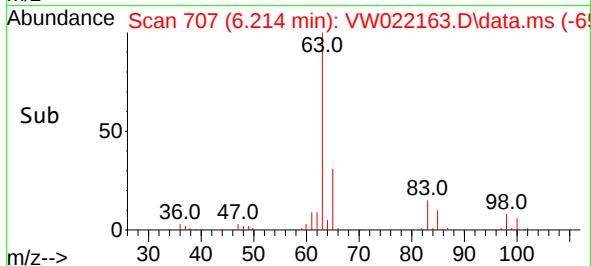
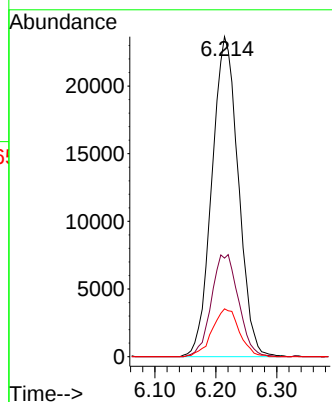
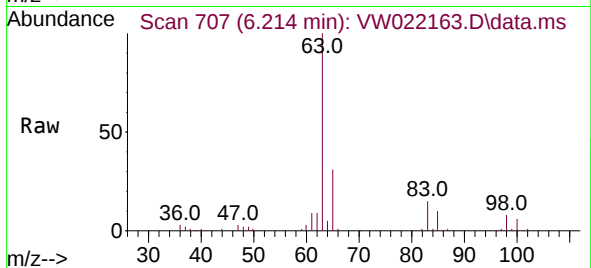
Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	71326
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.5	41.9
83	15.0	11.5	21.5



#20

cis-1,2-Dichloroethene

Concen: 23.070 ug/L

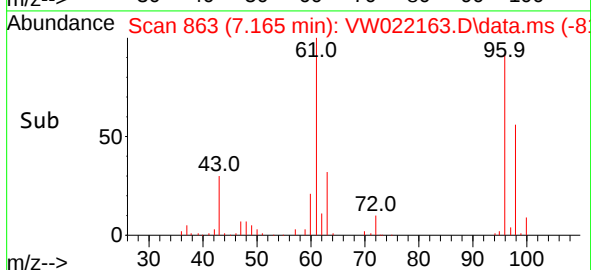
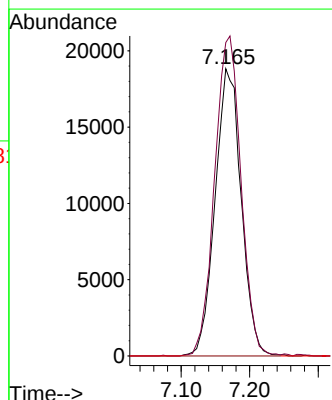
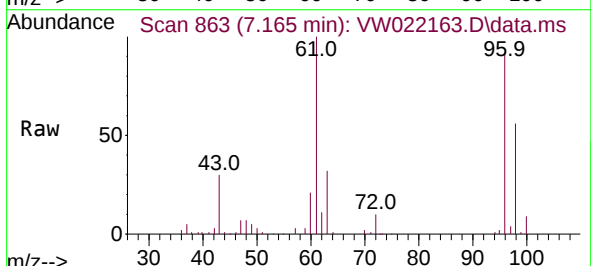
RT: 7.165 min Scan# 863

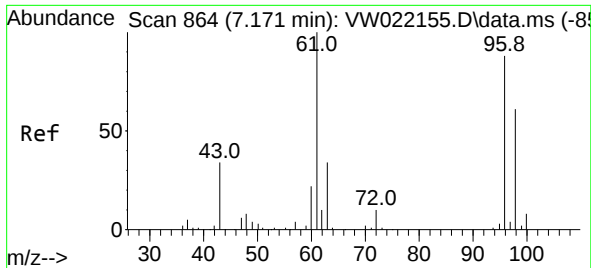
Delta R.T. -0.006 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Tgt Ion:	96	Resp:	49824
Ion	Ratio	Lower	Upper
96	100		
61	109.1	76.8	142.6
68	0.0	0.0	0.0

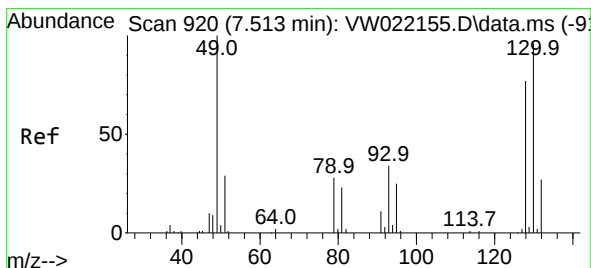
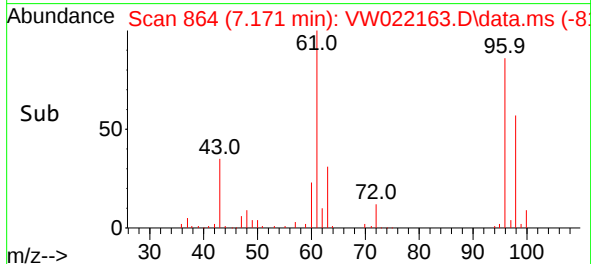
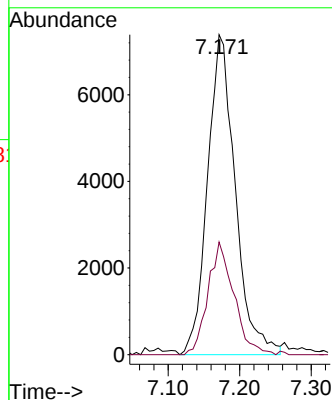
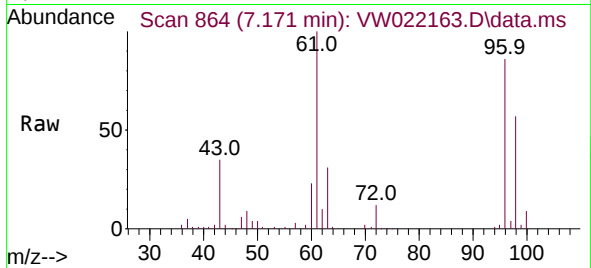




#22
2-Butanone
Concen: 43.990 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

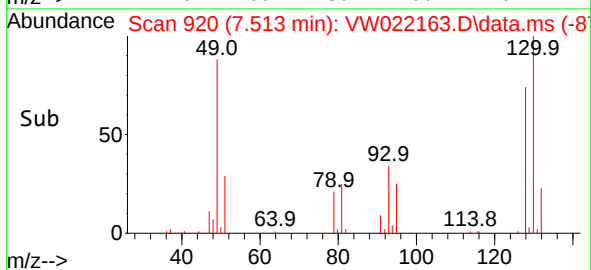
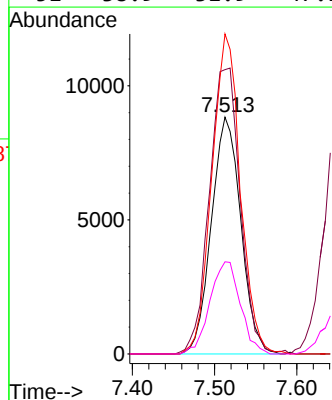
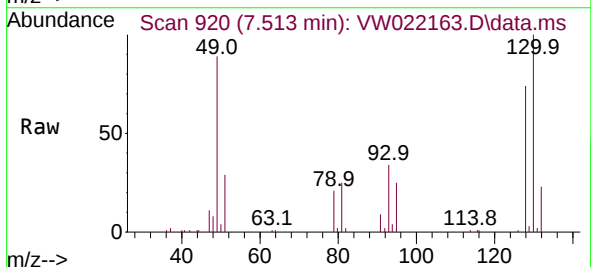
Instrument :
MSVOA_W
ClientSampleId :

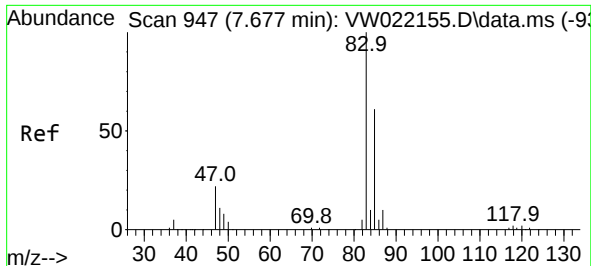
Tgt Ion: 43 Resp: 19888
Ion Ratio Lower Upper
43 100
72 32.9 17.0 51.0



#23
Bromochloromethane
Concen: 20.863 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 128 Resp: 22010
Ion Ratio Lower Upper
128 100
49 120.1 84.2 156.4
130 135.1 84.8 157.4
51 38.9 31.9 47.9

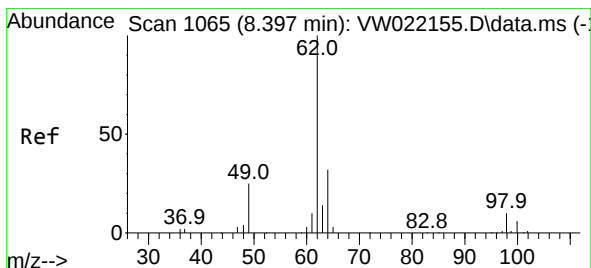
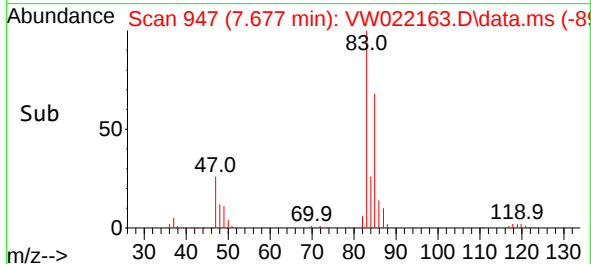
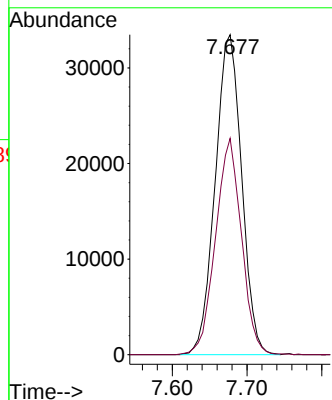
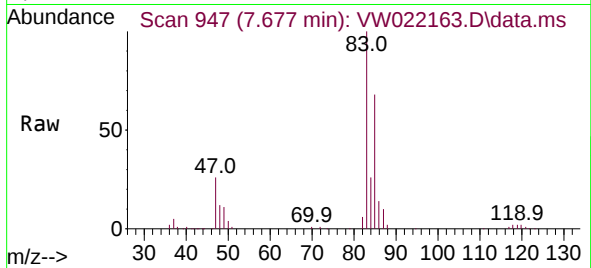




#25
Chloroform
Concen: 21.919 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

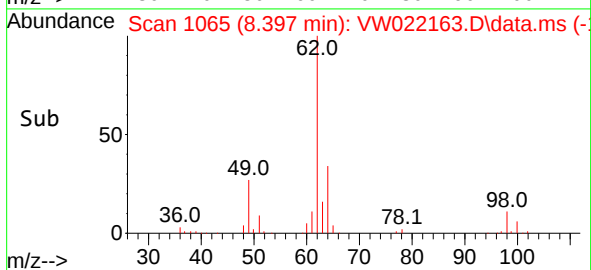
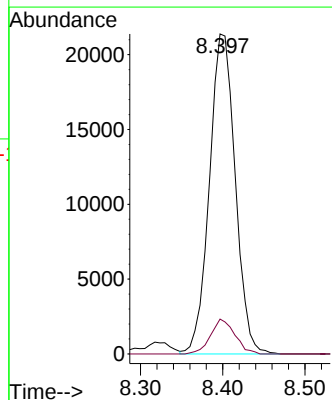
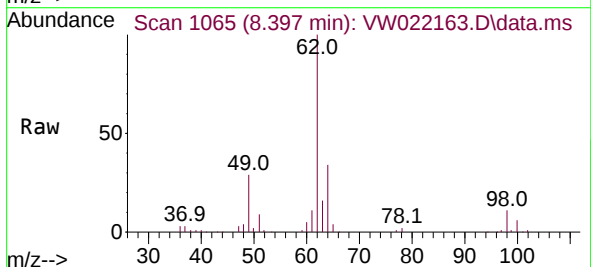
Instrument :
MSVOA_W
ClientSampleId :

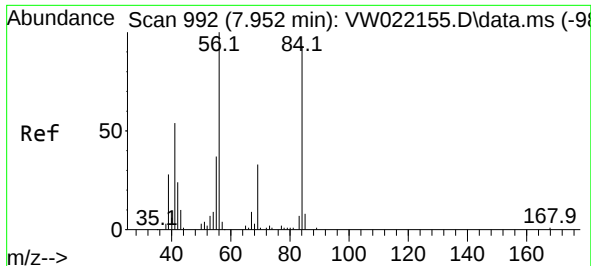
Tgt Ion: 83 Resp: 82547
Ion Ratio Lower Upper
83 100
85 67.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 20.130 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 62 Resp: 46693
Ion Ratio Lower Upper
62 100
98 10.9 7.9 11.9





#29

Cyclohexane

Concen: 21.238 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

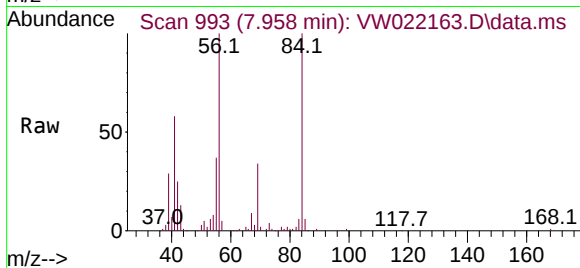
Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

ClientSampleId :



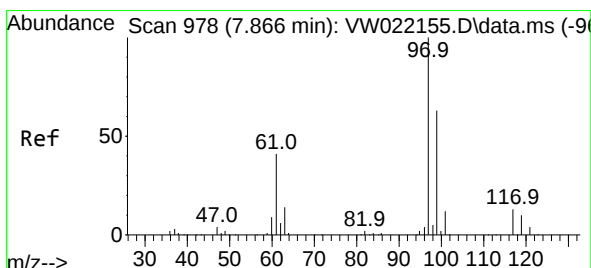
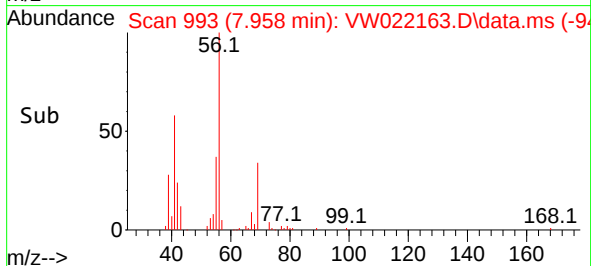
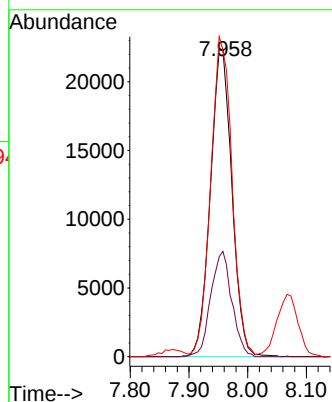
Tgt Ion: 56 Resp: 57110

Ion Ratio Lower Upper

56 100

69 33.4 26.3 39.5

84 103.1 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 22.626 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

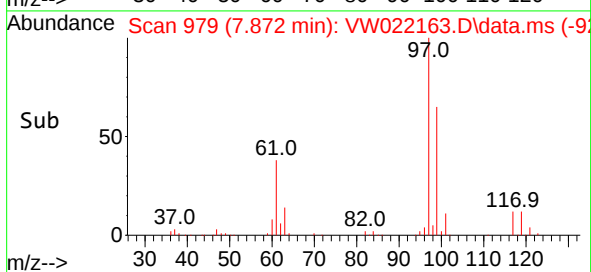
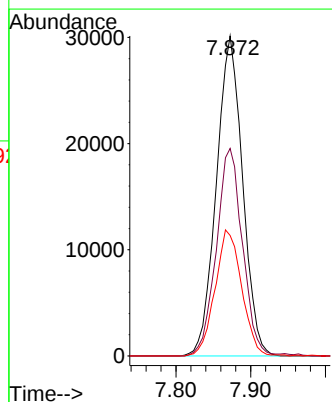
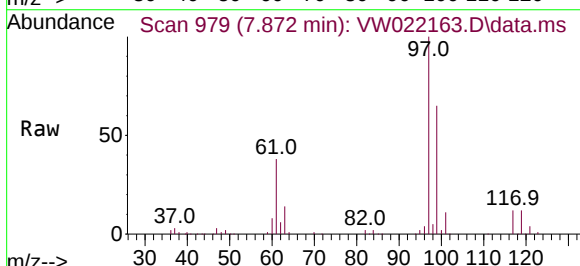
Tgt Ion: 97 Resp: 73551

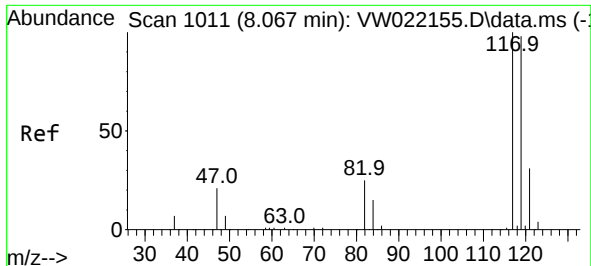
Ion Ratio Lower Upper

97 100

99 64.5 52.6 78.8

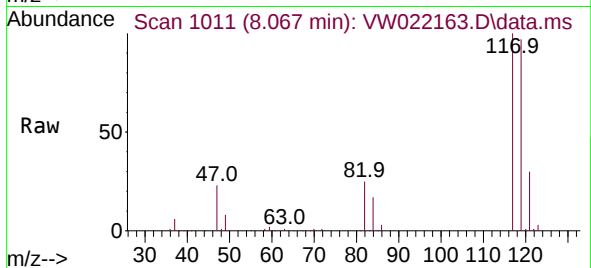
61 39.9 33.0 49.6



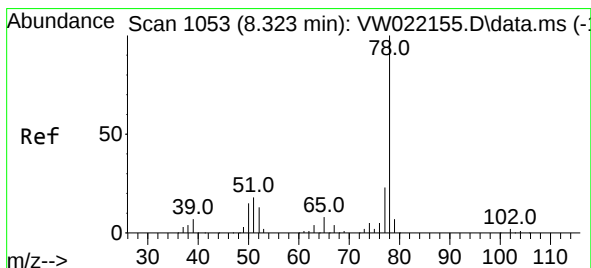
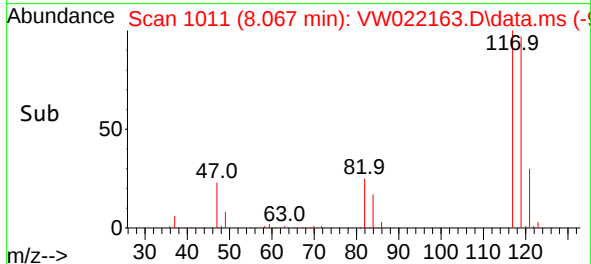
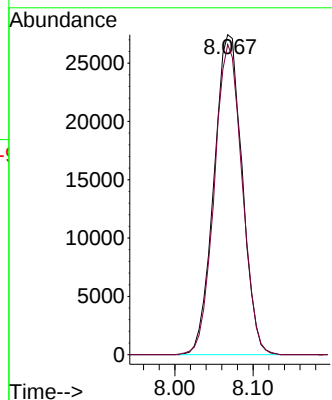


#31
Carbon tetrachloride
Concen: 22.210 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Instrument :
MSVOA_W
ClientSampleId :

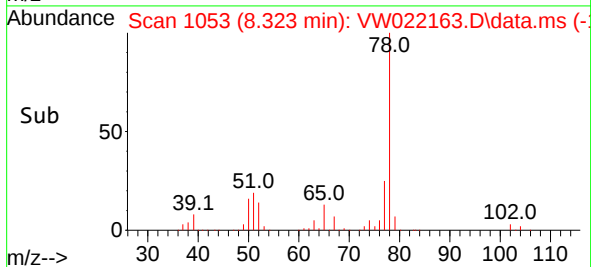
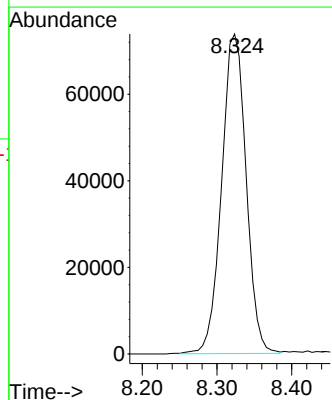
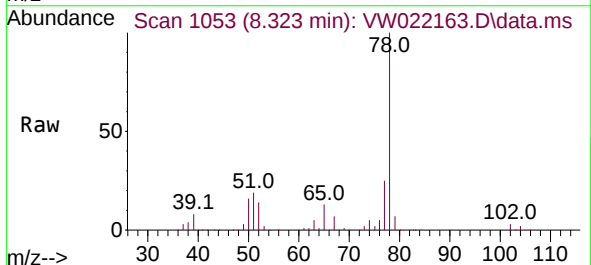


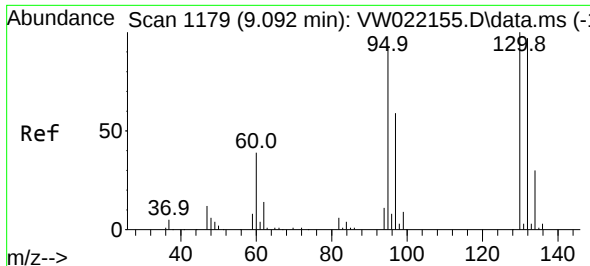
Tgt Ion:117 Resp: 68619
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 21.548 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 78 Resp: 168329

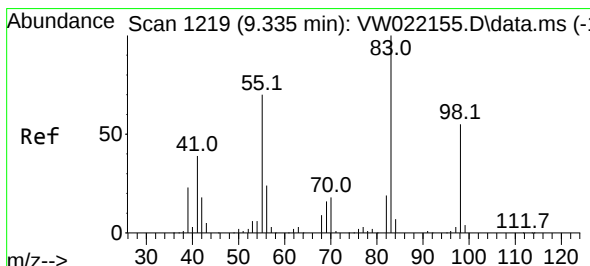
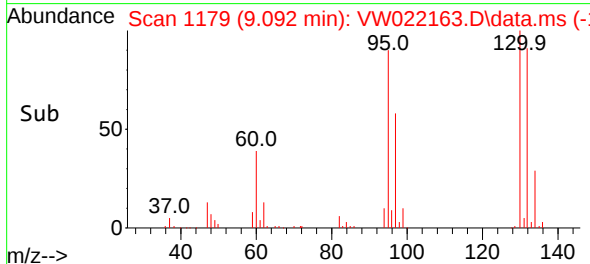
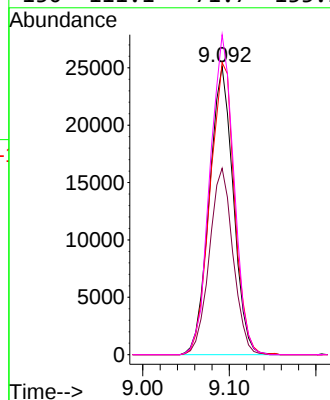
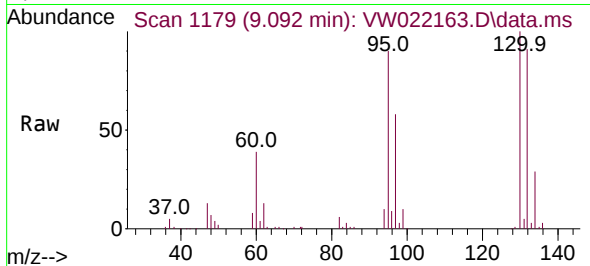




#34
Trichloroethene
Concen: 21.595 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

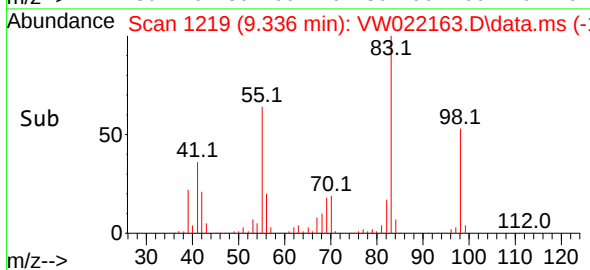
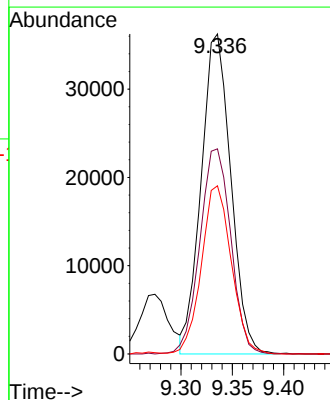
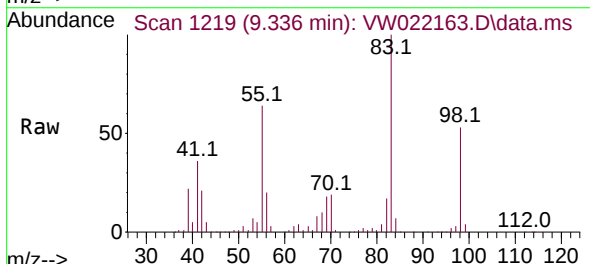
Instrument :
MSVOA_W
ClientSampleId :

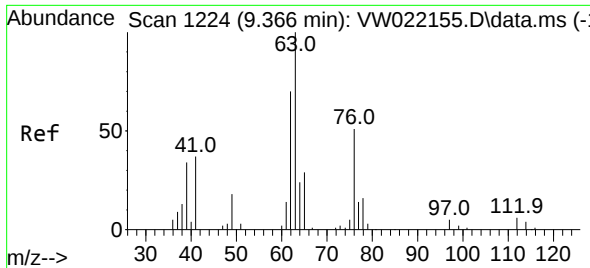
Tgt Ion: 95 Resp: 48303
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 101.4 71.7 133.1
130 111.1 71.7 133.1



#35
Methylcyclohexane
Concen: 21.038 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 83 Resp: 72784
Ion Ratio Lower Upper
83 100
55 66.8 53.8 80.8
98 53.1 42.1 63.1

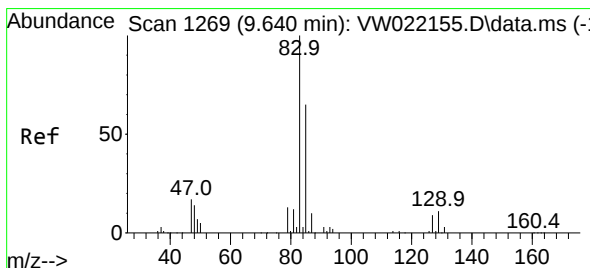
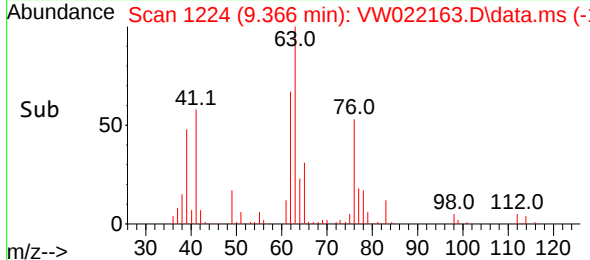
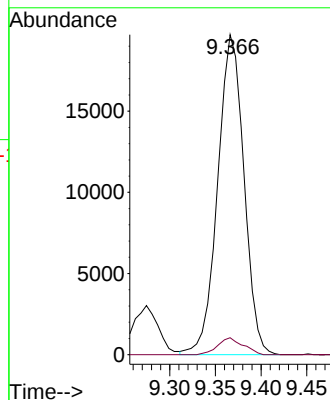
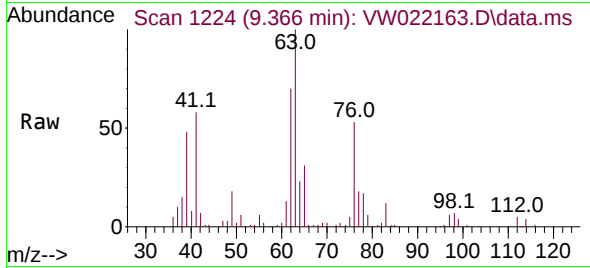




#37
1,2-Dichloropropane
Concen: 21.633 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

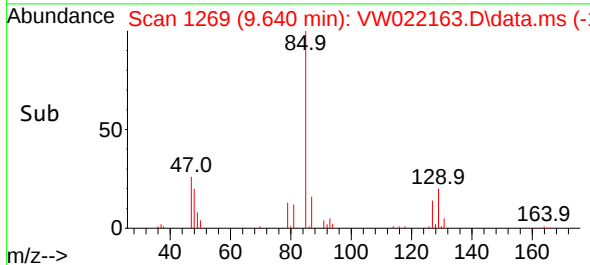
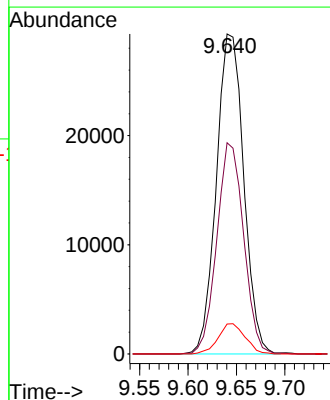
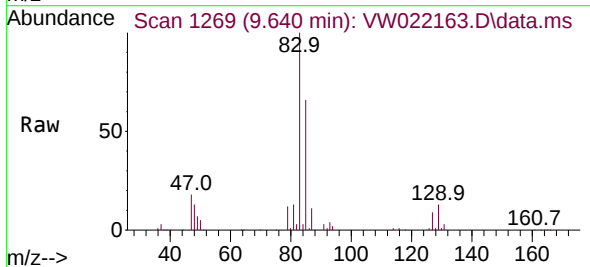
Instrument :
MSVOA_W
ClientSampleId :

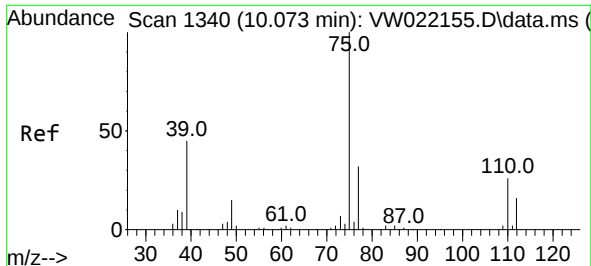
Tgt Ion: 63 Resp: 39425
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1



#38
Bromodichloromethane
Concen: 22.056 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 83 Resp: 57644
Ion Ratio Lower Upper
83 100
85 66.0 47.9 89.1
127 9.3 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 22.251 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

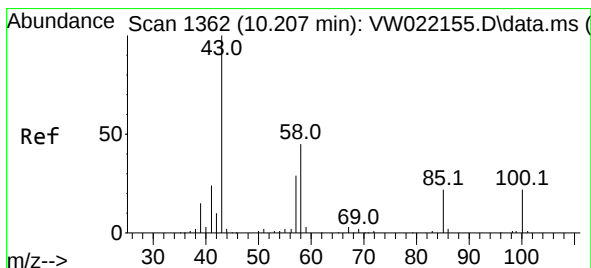
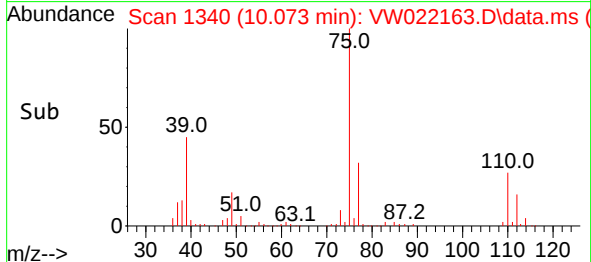
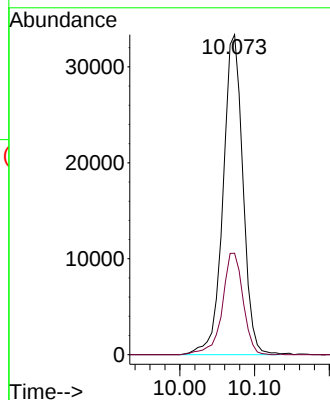
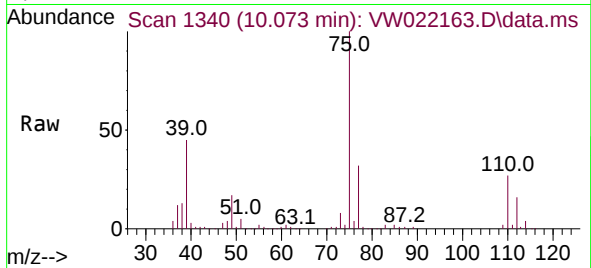
ClientSampleId :

Tgt Ion: 75 Resp: 61641

Ion Ratio Lower Upper

75 100

77 31.7 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 40.664 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

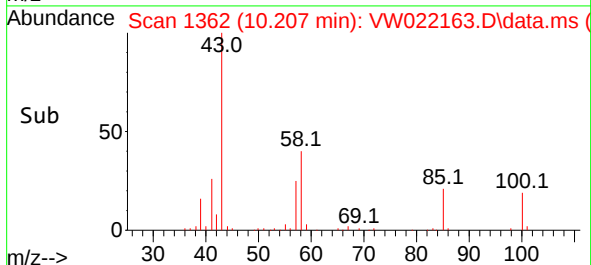
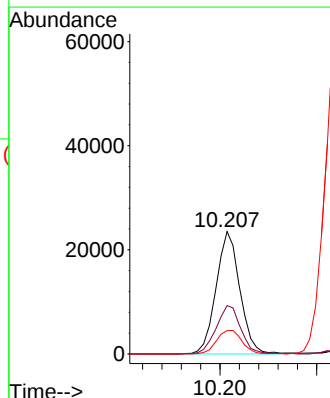
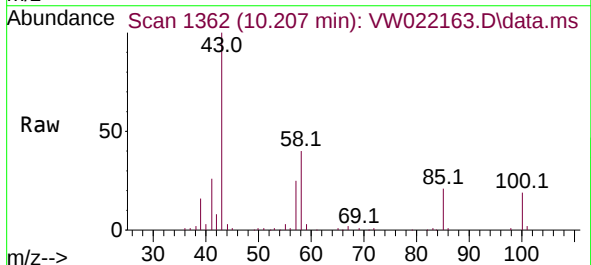
Tgt Ion: 43 Resp: 40021

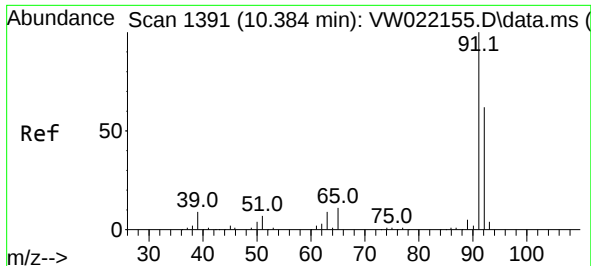
Ion Ratio Lower Upper

43 100

58 41.3 33.2 49.8

100 20.6 16.1 24.1

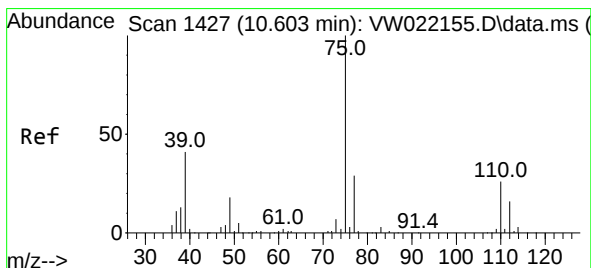
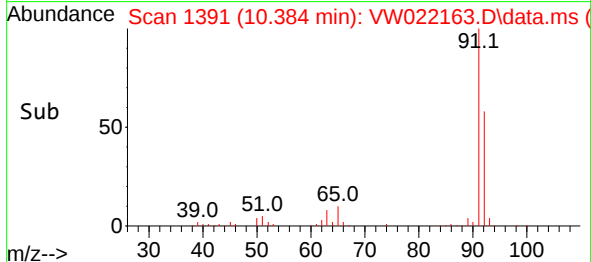
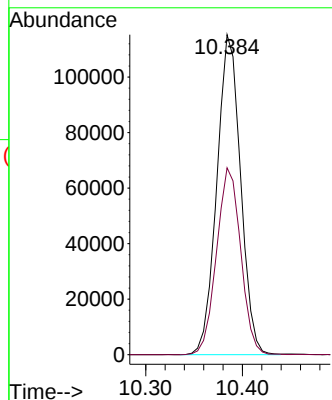
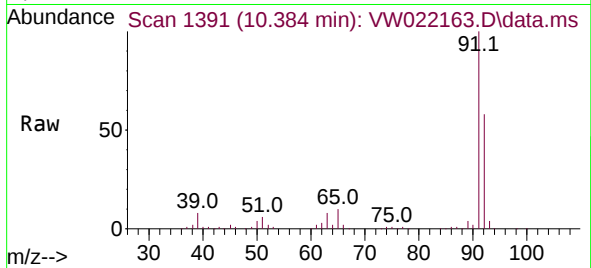




#42
Toluene
Concen: 22.202 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

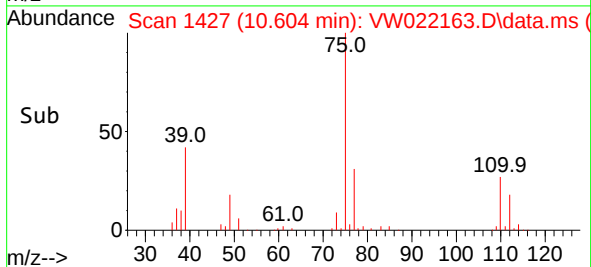
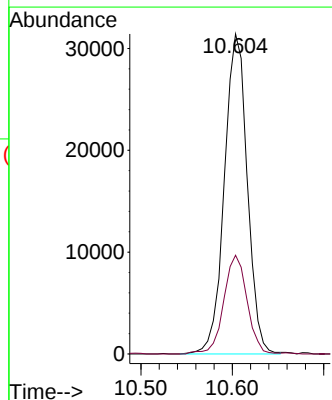
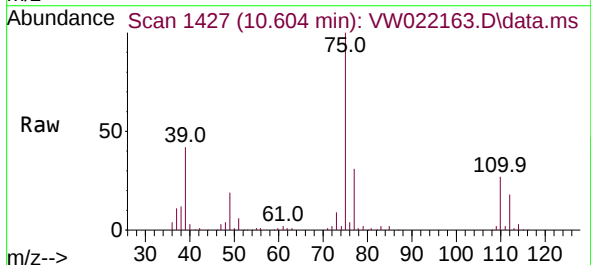
Instrument :
MSVOA_W
ClientSampleId :

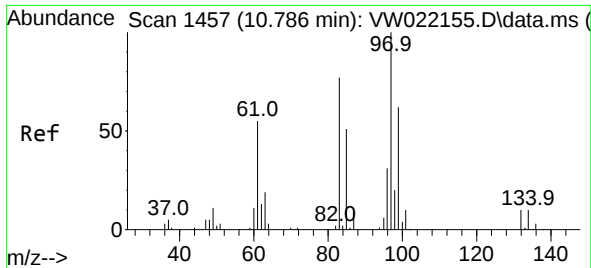
Tgt Ion: 91 Resp: 196305
Ion Ratio Lower Upper
91 100
92 58.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 21.990 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 75 Resp: 54743
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 20.636 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 33349

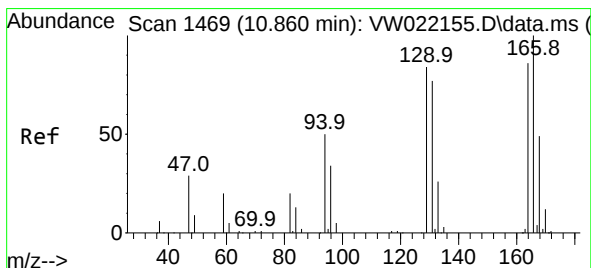
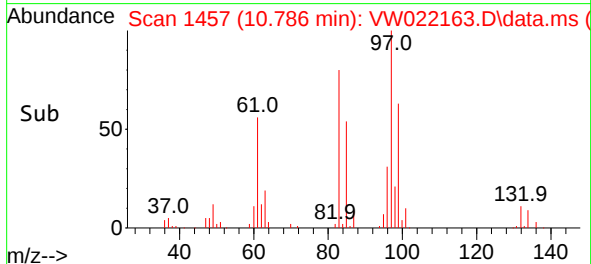
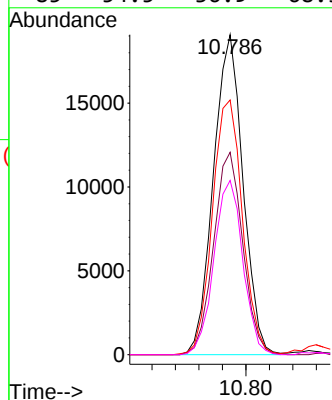
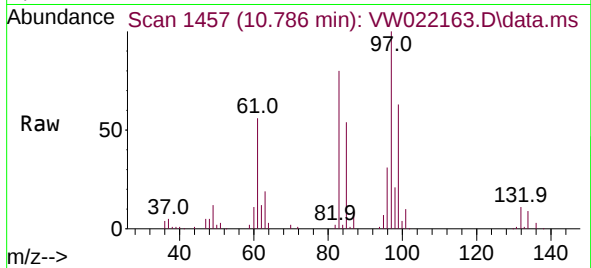
Ion Ratio Lower Upper

97 100

99 63.2 43.5 80.7

83 79.6 53.5 99.3

85 54.5 36.9 68.5



#46

Tetrachloroethene

Concen: 21.088 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Tgt Ion:164 Resp: 41320

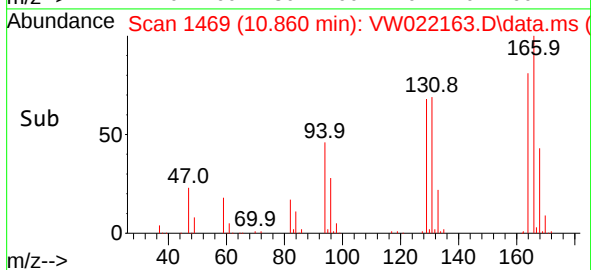
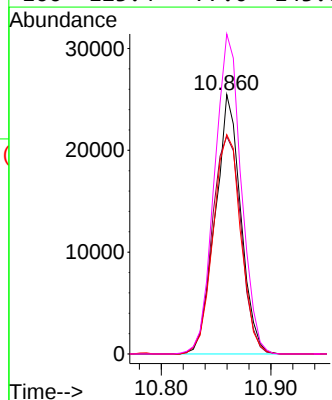
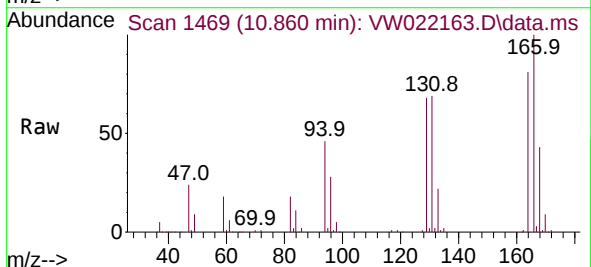
Ion Ratio Lower Upper

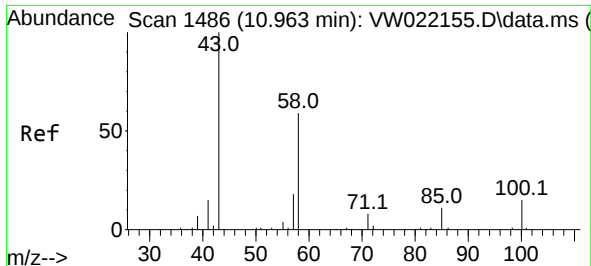
164 100

129 83.9 60.3 111.9

131 84.6 59.9 111.3

166 123.4 77.0 143.0

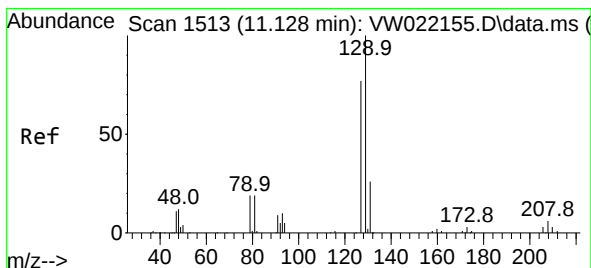
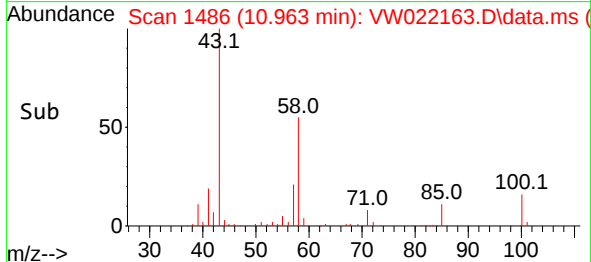
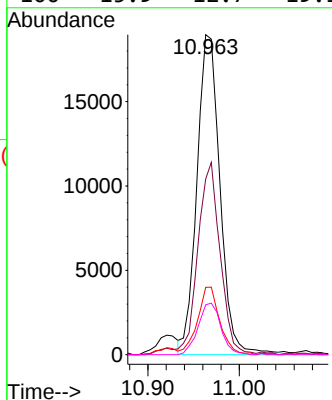
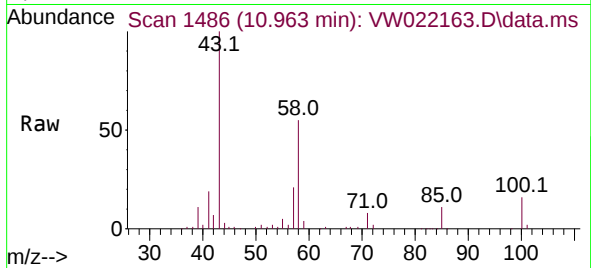




#48
2-Hexanone
Concen: 48.881 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

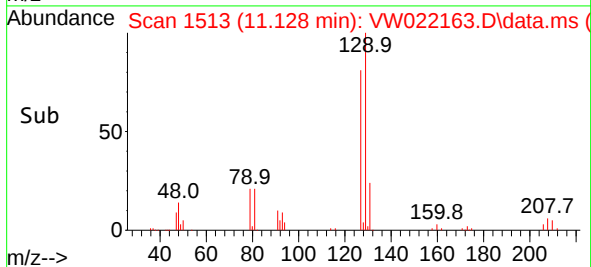
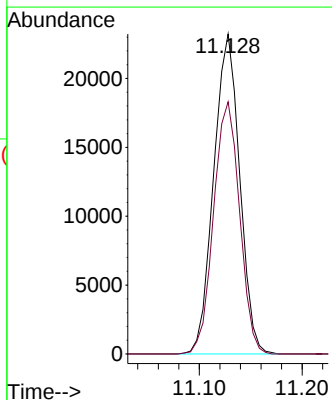
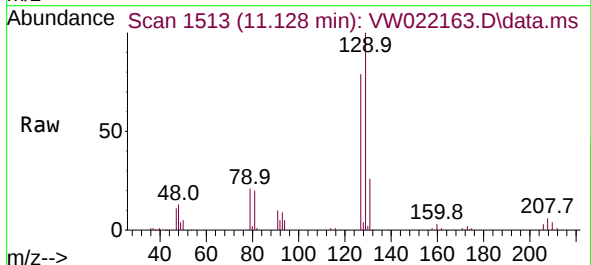
Instrument :
MSVOA_W
ClientSampleId :

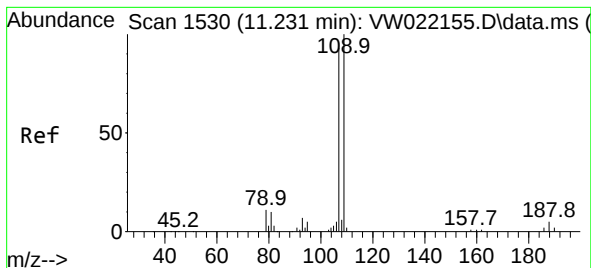
Tgt Ion: 43	Resp:	33390
Ion Ratio	Lower	Upper
43	100	
58	57.6	44.6 66.8
57	20.4	15.8 23.8
100	15.9	12.7 19.1



#49
Dibromochloromethane
Concen: 20.782 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

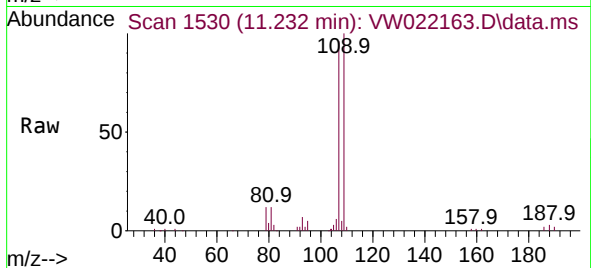
Tgt Ion: 129	Resp:	40795
Ion Ratio	Lower	Upper
129	100	
127	78.8	54.5 101.1



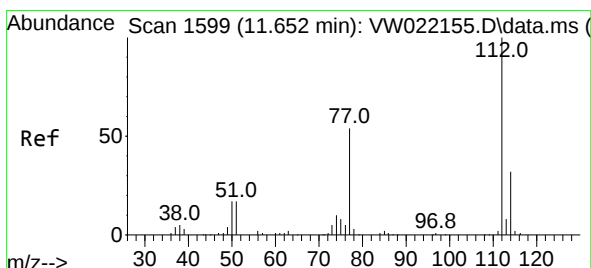
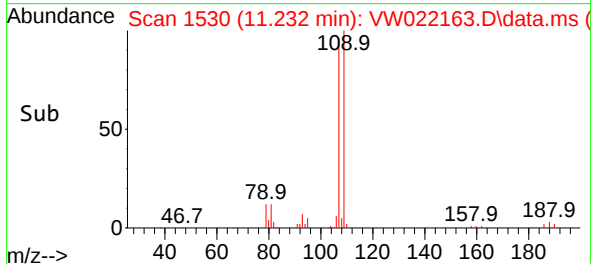
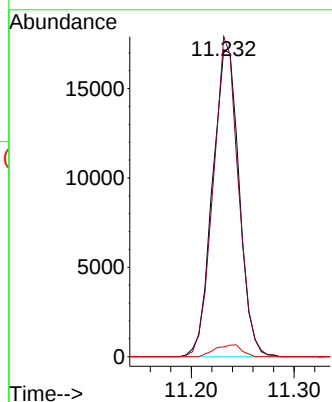


#50
1,2-Dibromoethane
Concen: 19.849 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Instrument :
MSVOA_W
ClientSampleId :

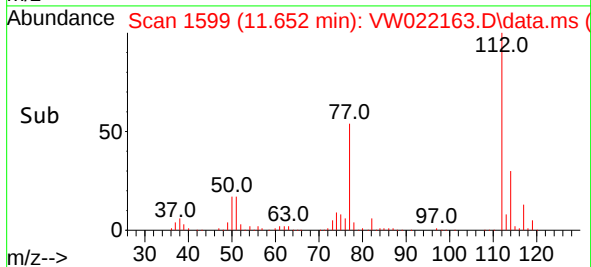
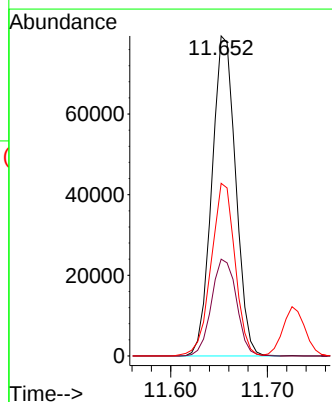
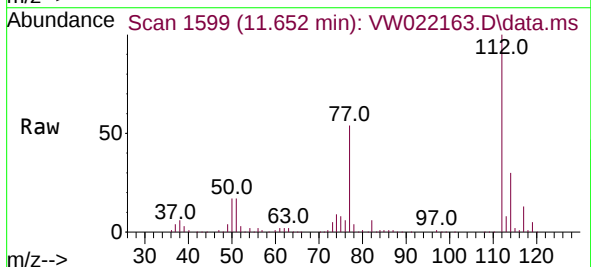


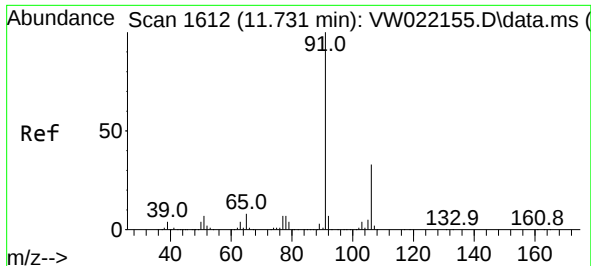
Tgt Ion:107 Resp: 30940
Ion Ratio Lower Upper
107 100
109 104.2 66.8 124.2
188 3.2 2.6 4.0



#51
Chlorobenzene
Concen: 22.065 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion:112 Resp: 135773
Ion Ratio Lower Upper
112 100
114 30.3 23.0 42.8
77 54.0 41.8 62.6

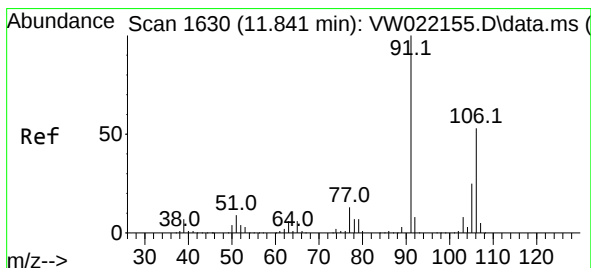
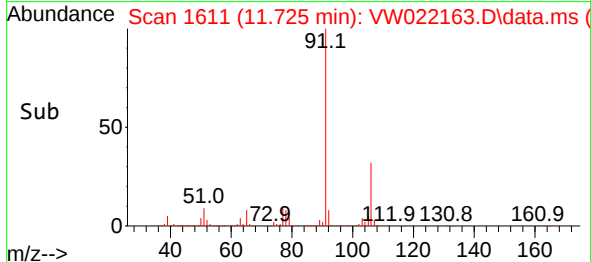
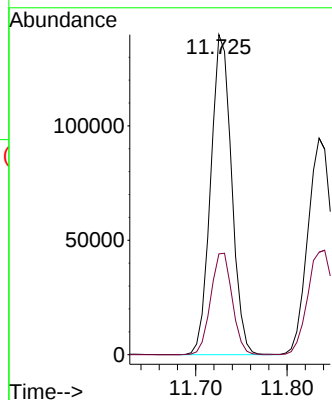
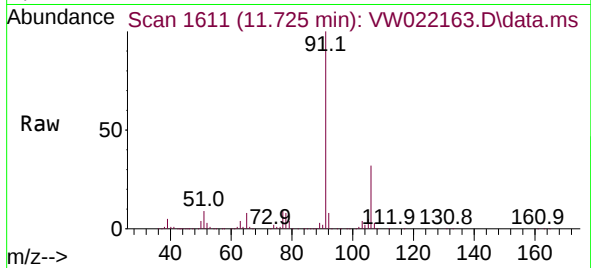




#52
Ethylbenzene
Concen: 22.717 ug/L
RT: 11.725 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

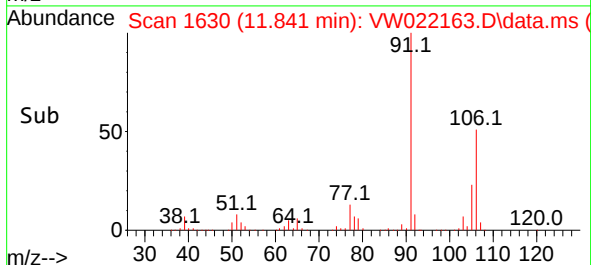
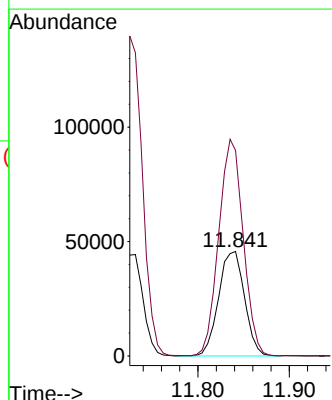
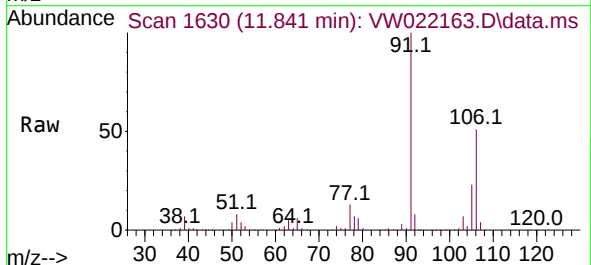
Instrument :
MSVOA_W
ClientSampleId :

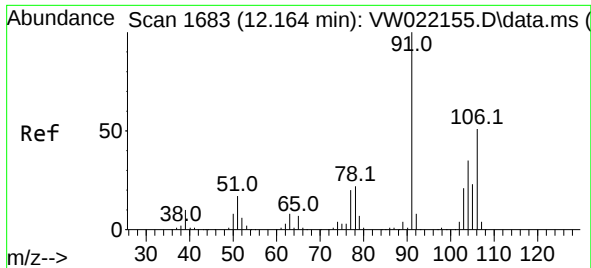
Tgt Ion: 91 Resp: 222287
Ion Ratio Lower Upper
91 100
106 31.5 22.8 42.4



#53
m,p-Xylene
Concen: 22.350 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion:106 Resp: 89989
Ion Ratio Lower Upper
106 100
91 196.8 135.0 250.8

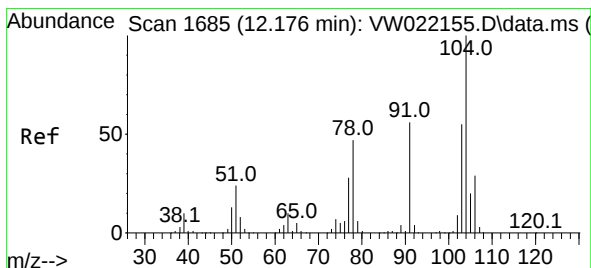
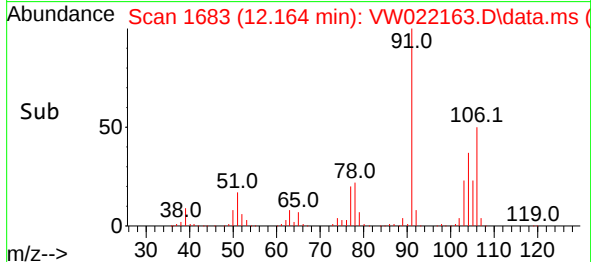
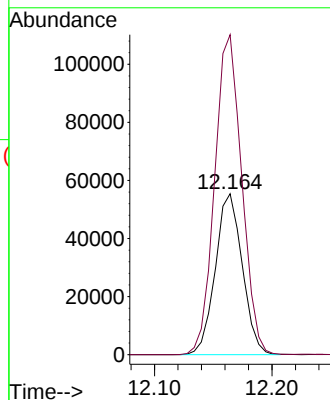
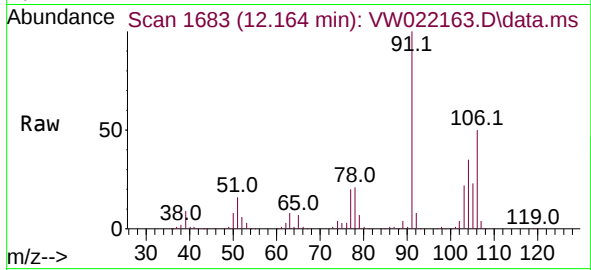




#54
o-Xylene
Concen: 23.301 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

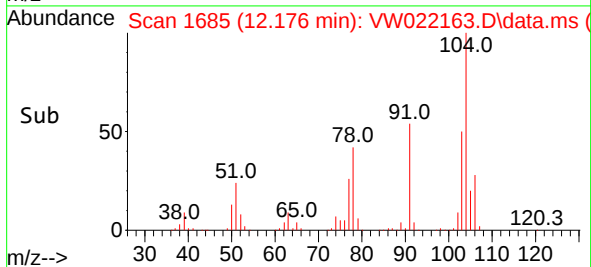
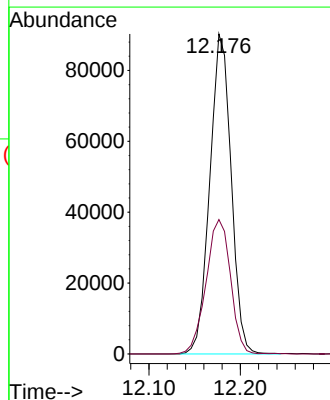
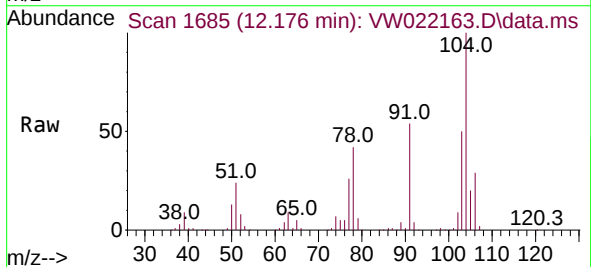
Instrument :
MSVOA_W
ClientSampleId :

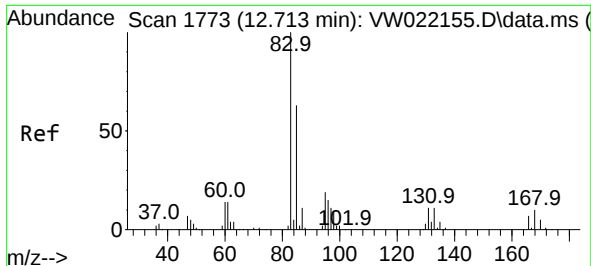
Tgt Ion:106 Resp: 88275
Ion Ratio Lower Upper
106 100
91 198.7 136.9 254.3



#55
Styrene
Concen: 23.050 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion:104 Resp: 146396
Ion Ratio Lower Upper
104 100
78 42.0 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 20.638 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022163.D

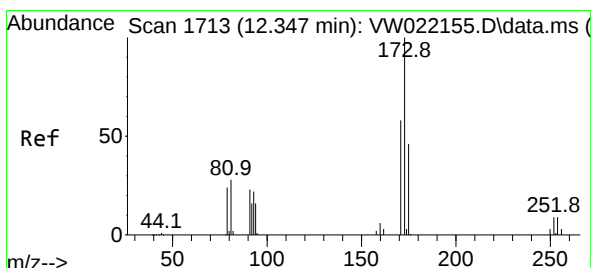
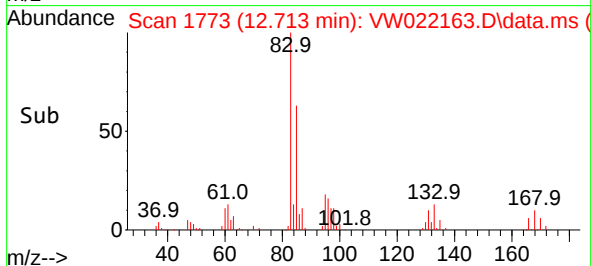
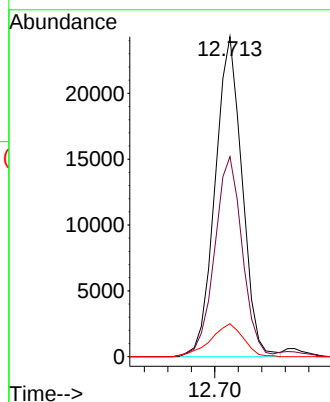
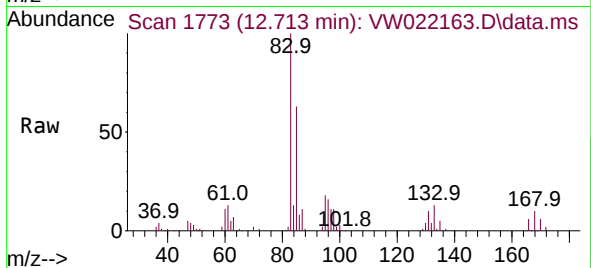
Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	38698
Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.2	82.0
131	10.3	9.4	14.0



#59

Bromoform

Concen: 20.329 ug/L

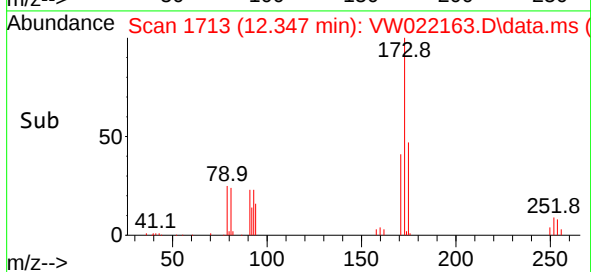
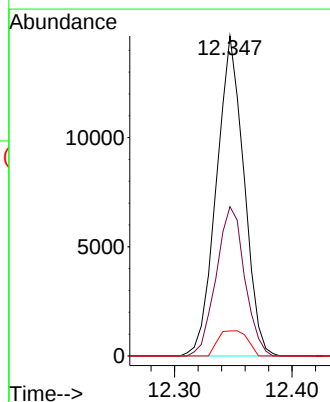
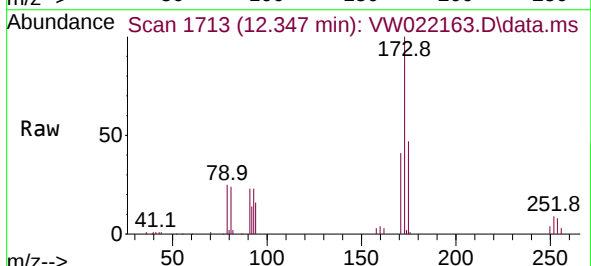
RT: 12.347 min Scan# 1713

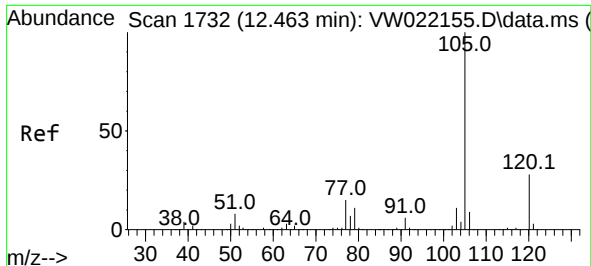
Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Tgt Ion:	173	Resp:	23850
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.2	57.4
254	8.4	5.0	7.6#

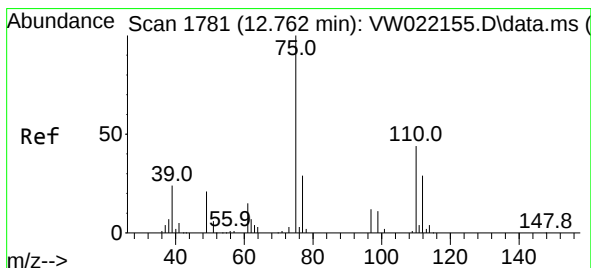
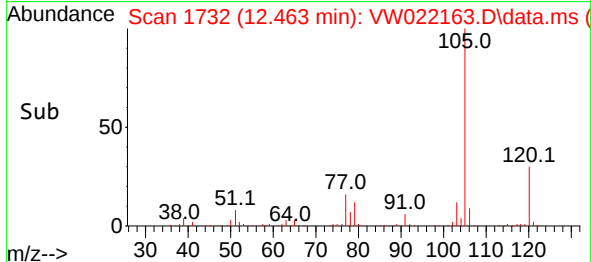
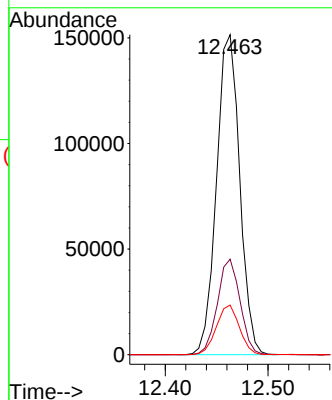
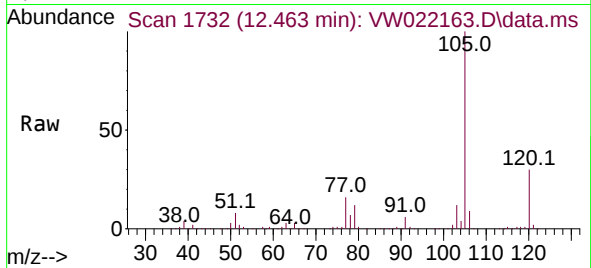




#60
Isopropylbenzene
Concen: 22.281 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

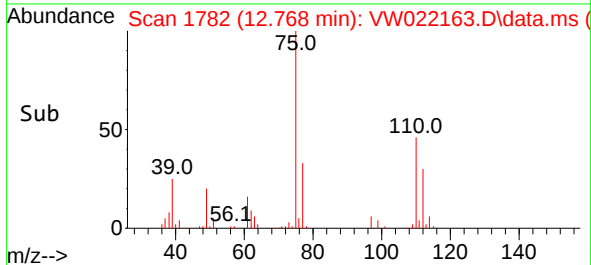
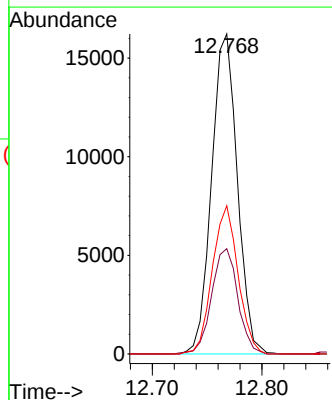
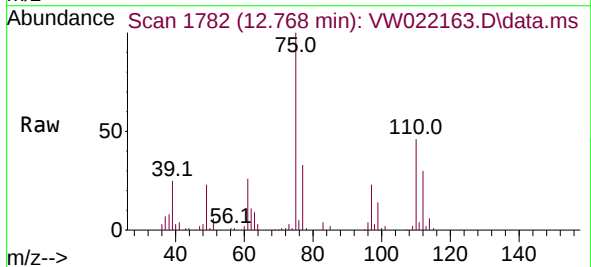
Instrument :
MSVOA_W
ClientSampleId :

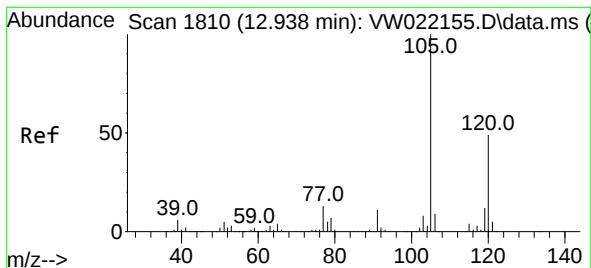
Tgt Ion:105 Resp: 237285
Ion Ratio Lower Upper
105 100
120 29.1 22.1 33.1
77 15.4 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 18.906 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion: 75 Resp: 26472
Ion Ratio Lower Upper
75 100
77 33.5 27.1 40.7
110 46.3 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 23.481 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

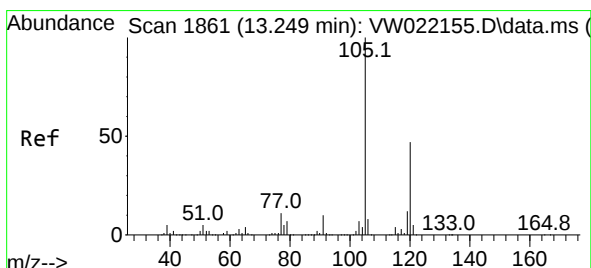
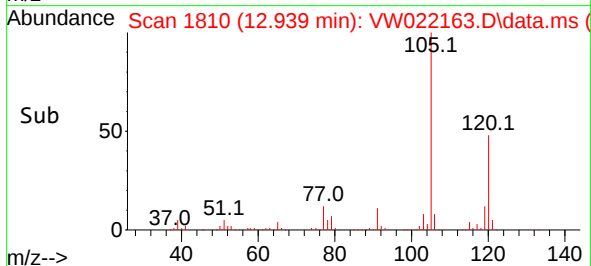
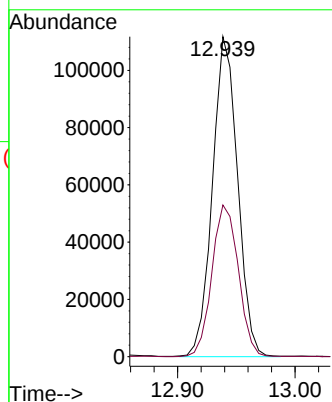
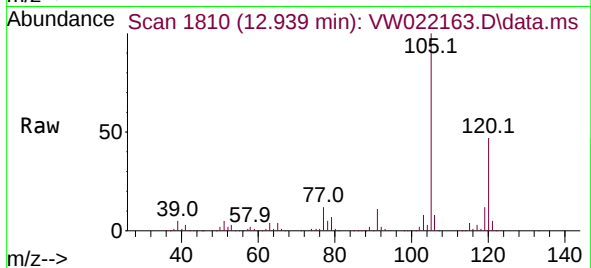
ClientSampleId :

Tgt Ion:105 Resp: 166288

Ion Ratio Lower Upper

105 100

120 49.8 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 22.516 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022163.D

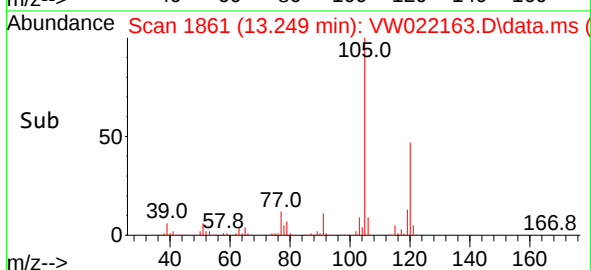
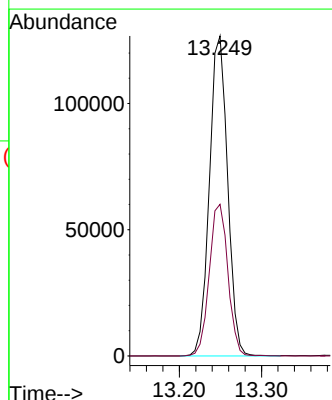
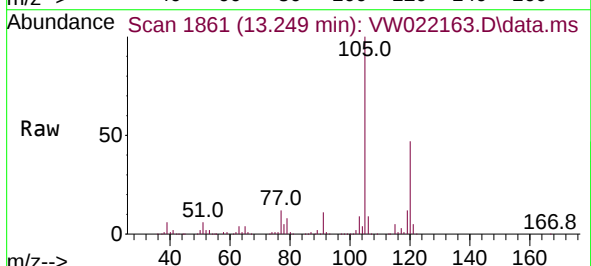
Acq: 03 Mar 2022 14:59

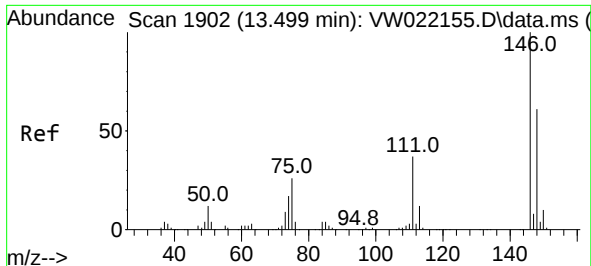
Tgt Ion:105 Resp: 194866

Ion Ratio Lower Upper

105 100

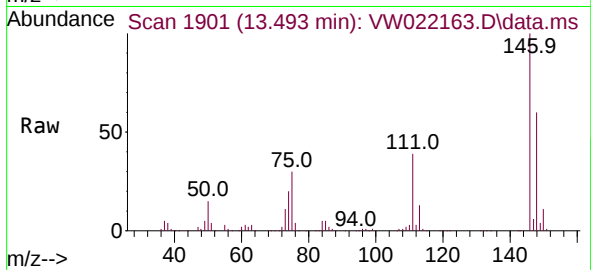
120 48.6 39.2 58.8



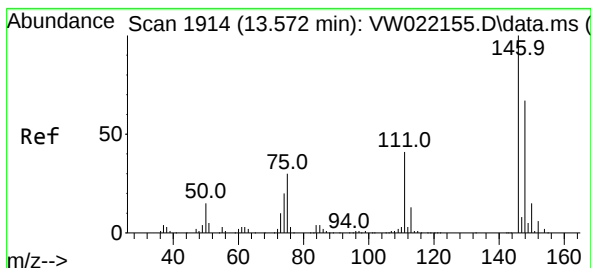
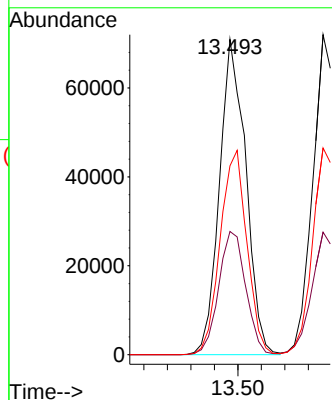
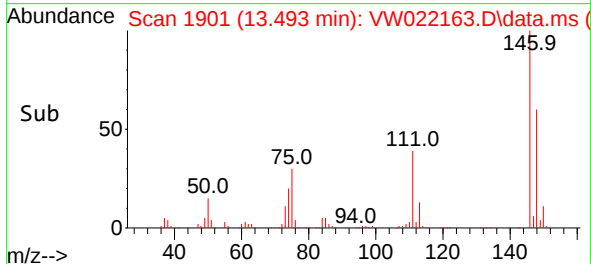


#64
1,3-Dichlorobenzene
Concen: 20.948 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

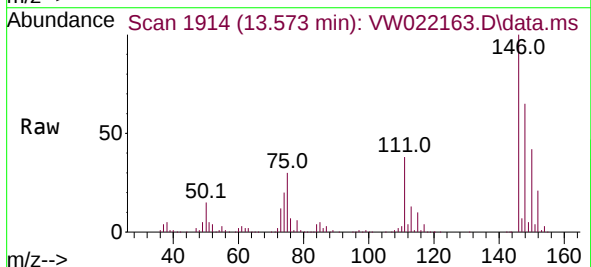
Instrument :
MSVOA_W
ClientSampleId :



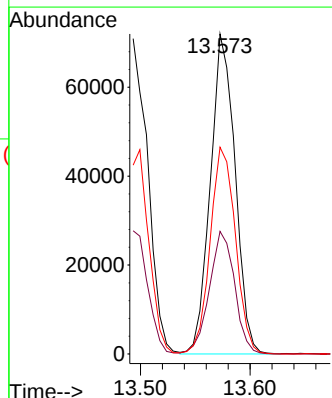
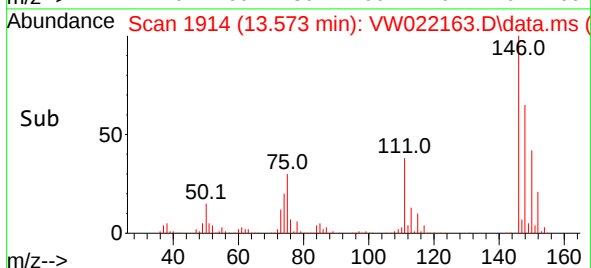
Tgt Ion:146 Resp: 110670
Ion Ratio Lower Upper
146 100
111 39.1 26.9 49.9
148 59.9 41.6 77.2

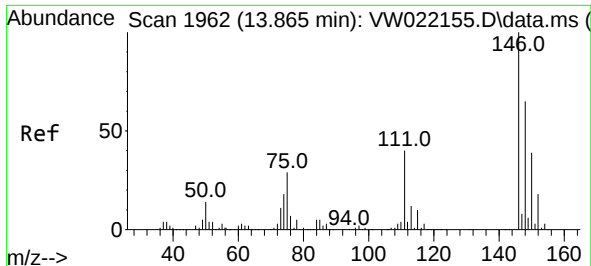


#65
1,4-Dichlorobenzene
Concen: 21.337 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59



Tgt Ion:146 Resp: 112961
Ion Ratio Lower Upper
146 100
111 38.3 27.5 51.1
148 64.6 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 21.219 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

ClientSampleId :

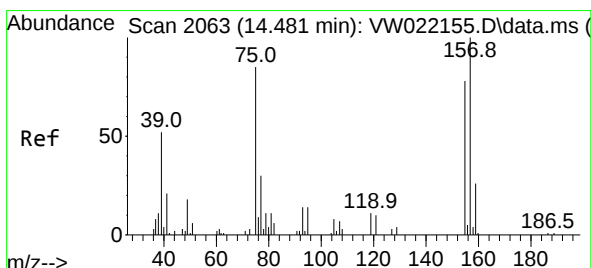
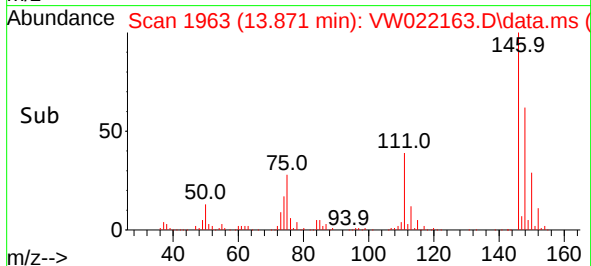
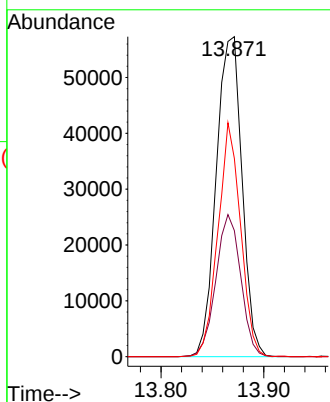
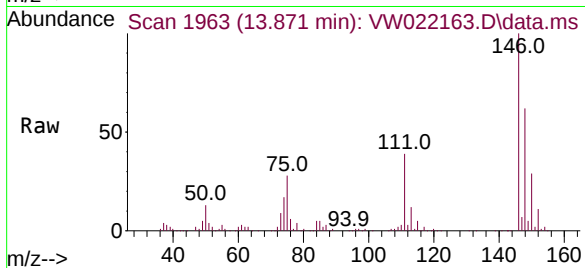
Tgt Ion:146 Resp: 99666

Ion Ratio Lower Upper

146 100

111 39.4 34.8 52.2

148 61.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 18.905 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

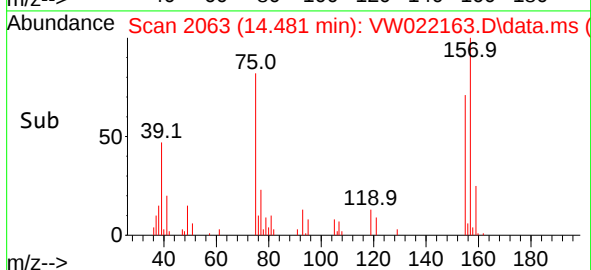
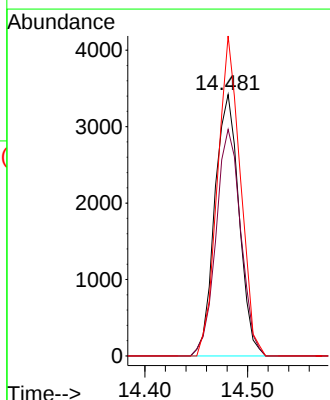
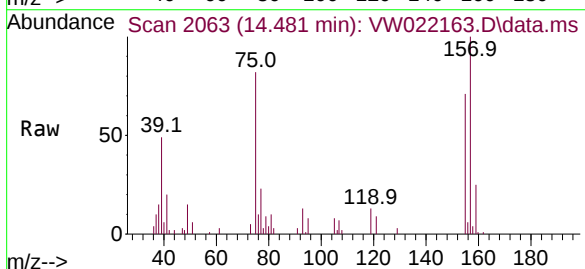
Tgt Ion: 75 Resp: 5596

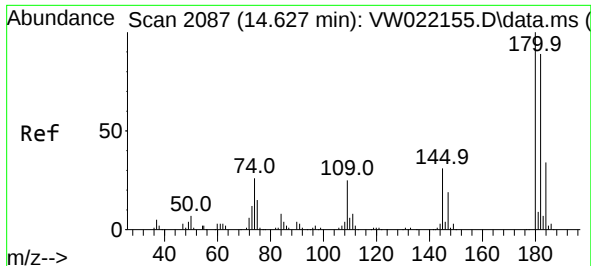
Ion Ratio Lower Upper

75 100

155 86.7 58.2 87.2

157 122.4 80.5 120.7#





#69

1,3,5-Trichlorobenzene

Concen: 20.896 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 79235

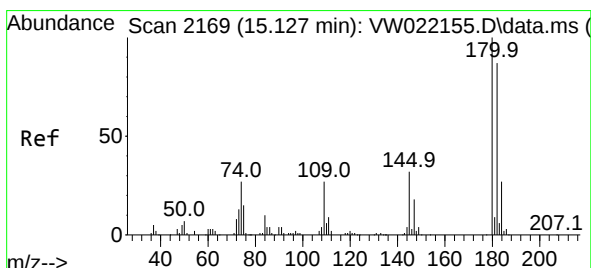
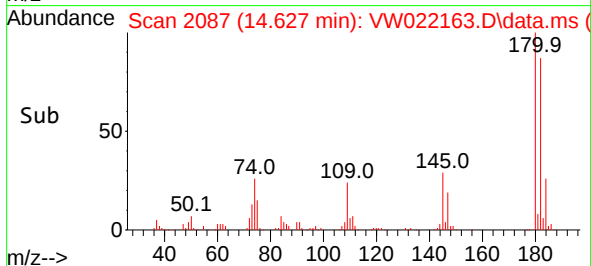
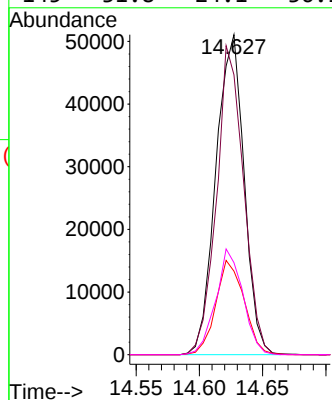
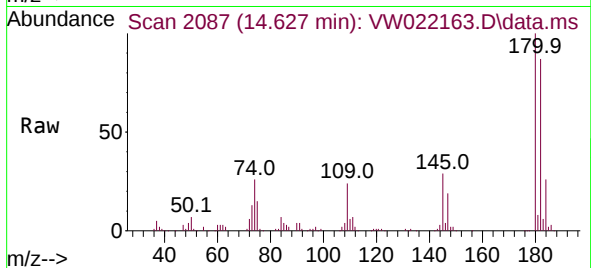
Ion Ratio Lower Upper

180 100

182 92.5 69.4 104.0

184 29.6 21.8 32.8

145 31.8 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 22.115 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022163.D

Acq: 03 Mar 2022 14:59

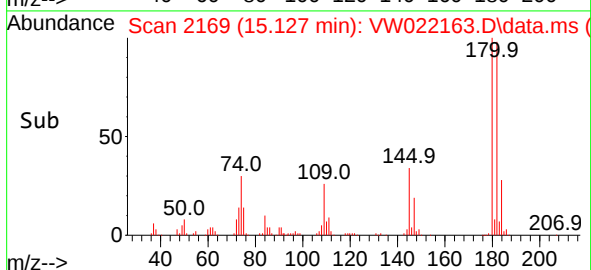
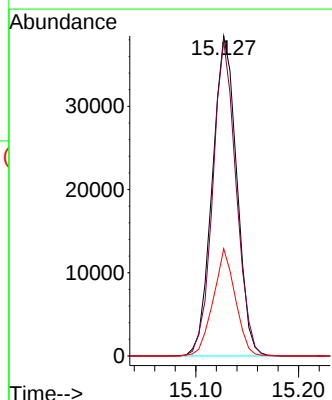
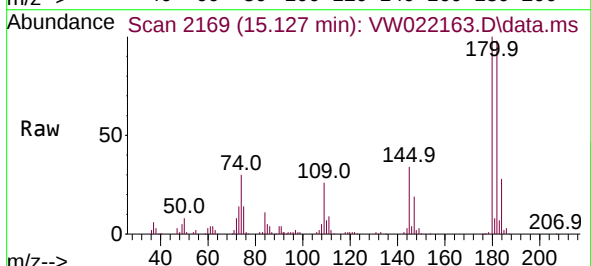
Tgt Ion:180 Resp: 63449

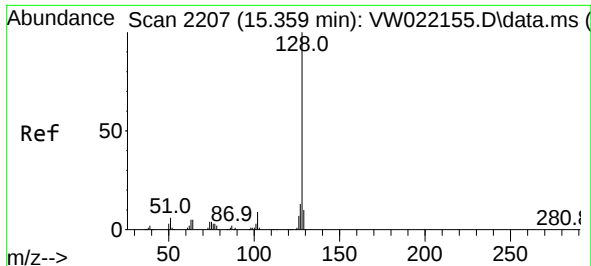
Ion Ratio Lower Upper

180 100

182 94.0 77.8 116.6

145 30.5 25.8 38.6

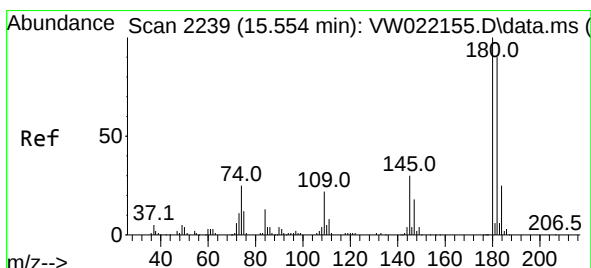
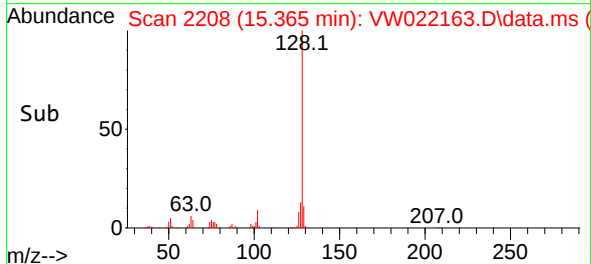
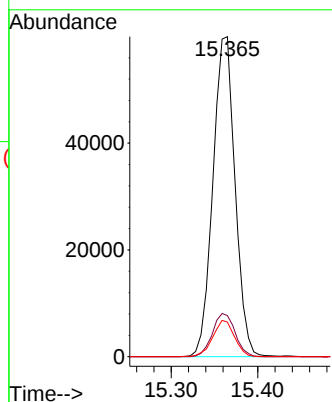
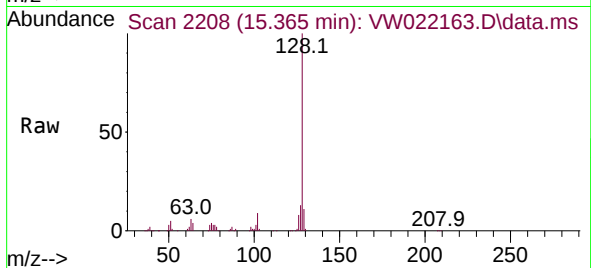




#71
Naphthalene
Concen: 21.043 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 106578
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.6
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 21.492 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW022163.D
Acq: 03 Mar 2022 14:59

Tgt Ion:180 Resp: 53336
Ion Ratio Lower Upper
180 100
182 95.8 79.0 118.4
145 34.3 28.0 42.0

