

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040522\
 Data File : VW022400.D
 Acq On : 05 Apr 2022 17:27
 Operator : SY/VA
 Sample : N2262-03MSD
 Misc : 6.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW6K7MSD

Quant Time: Apr 06 02:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 06 02:13:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	178060	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	98406	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	85801	30.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.320%	
7) Chloroethane-d5	2.885	69	65089	38.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 152.920%#	
11) 1,1-Dichloroethene-d2	4.025	63	87267	20.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 82.480%	
21) 2-Butanone-d5	7.074	46	42123	60.442	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.880%	
24) Chloroform-d	7.647	84	116425	23.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 95.960%	
26) 1,2-Dichloroethane-d4	8.305	65	78065	27.208	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.840%	
32) Benzene-d6	8.275	84	230956	23.620	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 94.480%	
36) 1,2-Dichloropropane-d6	9.275	67	69435	23.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 94.600%	
41) Toluene-d8	10.323	98	240397	25.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.360%	
43) trans-1,3-Dichloroprop...	10.579	79	38165	25.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.400%	
47) 2-Hexanone-d5	10.921	63	39295	65.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.700%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	83634	33.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 135.080%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	84342	26.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	15523	16.949	ug/L	93
3) Chloromethane	2.221	50	37790	17.861	ug/L	99
5) Vinyl chloride	2.361	62	89142	25.789	ug/L	93
6) Bromomethane	2.782	94	61460	34.527	ug/L	100
8) Chloroethane	2.922	64	47457	33.013	ug/L	99
9) Trichlorofluoromethane	3.257	101	21959	21.455	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	43577	18.629	ug/L	95
12) 1,1-Dichloroethene	4.044	96	44627	20.355	ug/L	83
13) Acetone	4.123	43	28947	60.657	ug/L	92
14) Carbon disulfide	4.385	76	134133	19.392	ug/L	99
15) Methyl Acetate	4.672	43	26530	21.311	ug/L	95
16) Methylene chloride	4.922	84	52478	20.138	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	53586	20.635	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	96055	21.222	ug/L	95
19) 1,1-Dichloroethane	6.214	63	90054	18.885	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	55836	20.190	ug/L	84
22) 2-Butanone	7.171	43	39912	53.022	ug/L	90
23) Bromochloromethane	7.513	128	26768	22.065	ug/L #	85
25) Chloroform	7.677	83	98092	20.152	ug/L	97

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 Response via : Initial Calibration

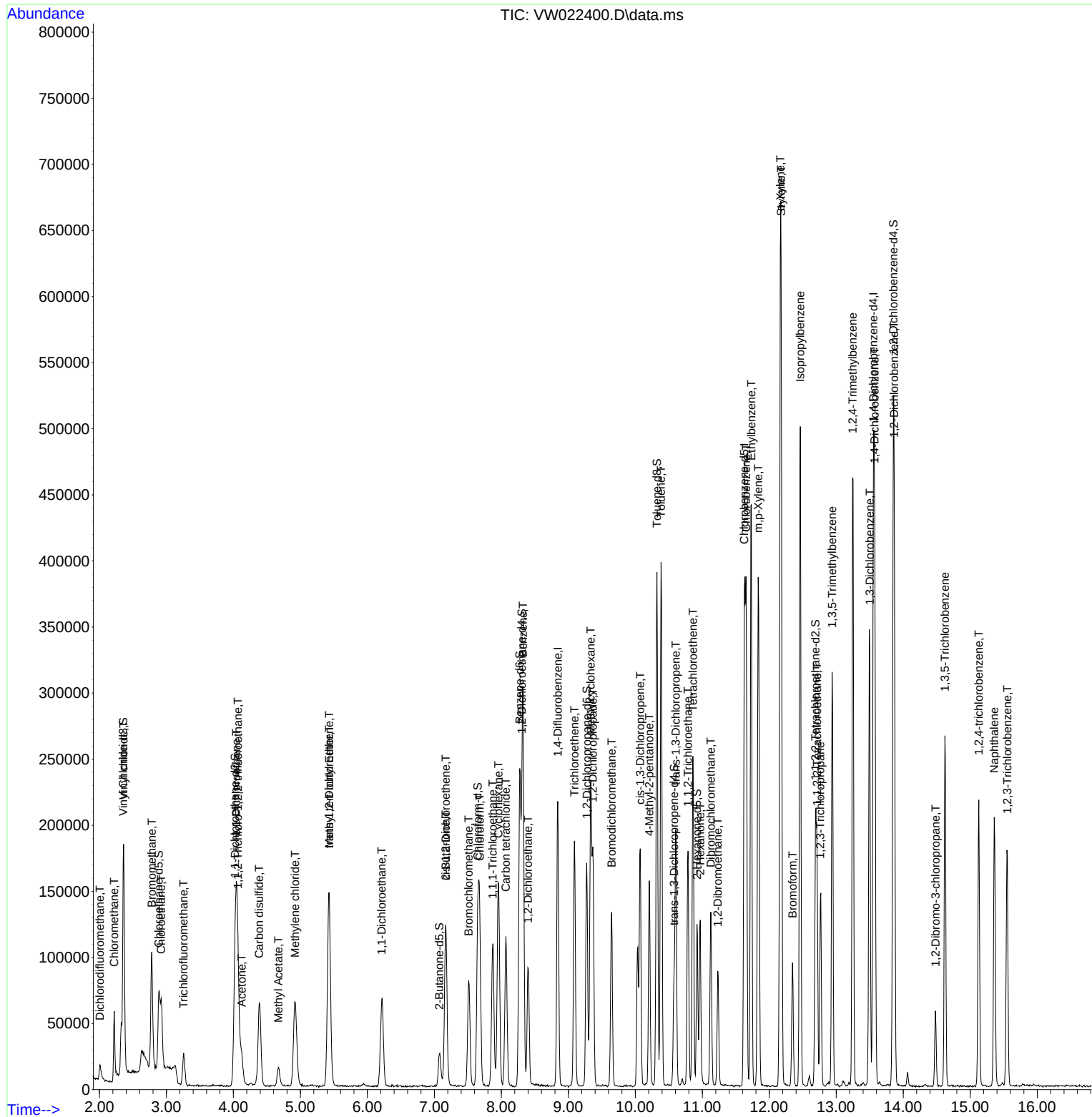
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	79584	21.775	ug/L	95
29) Cyclohexane	7.958	56	83402	17.205	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	84310	19.206	ug/L	94
31) Carbon tetrachloride	8.067	117	74142	18.751	ug/L	98
33) Benzene	8.323	78	230889	20.200	ug/L	100
34) Trichloroethene	9.092	95	59157	19.925	ug/L	92
35) Methylcyclohexane	9.335	83	90273	17.272	ug/L	93
37) 1,2-Dichloropropane	9.366	63	57282	20.223	ug/L	99
38) Bromodichloromethane	9.646	83	79844	20.212	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	94136	20.326	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	97585	48.994	ug/L #	94
42) Toluene	10.384	91	273340	21.501	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	92796	21.634	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	50597	23.885	ug/L	92
46) Tetrachloroethene	10.860	164	48482	22.772	ug/L	88
48) 2-Hexanone	10.969	43	78365	55.732	ug/L #	96
49) Dibromochloromethane	11.128	129	61908	23.606	ug/L	93
50) 1,2-Dibromoethane	11.231	107	52481	24.394	ug/L	96
51) Chlorobenzene	11.652	112	172343	21.926	ug/L	93
52) Ethylbenzene	11.731	91	303008	21.489	ug/L	98
53) m,p-Xylene	11.835	106	117430	21.819	ug/L	97
54) o-Xylene	12.164	106	115284	22.113	ug/L	86
55) Styrene	12.176	104	200766	22.171	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.713	83	71655	26.414	ug/L	97
59) Bromoform	12.347	173	36518	24.906	ug/L #	96
60) Isopropylbenzene	12.463	105	308262	20.855	ug/L	97
61) 1,2,3-Trichloropropane	12.762	75	53402	24.970	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	161779	19.630	ug/L	95
63) 1,2,4-Trimethylbenzene	13.243	105	245391	19.839	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	126626	21.615	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	128790	20.950	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	119629	22.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	12352	22.412	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	74651	18.814	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	58424	17.959	ug/L	97
71) Naphthalene	15.359	128	164408	21.800	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	54403	19.093	ug/L	95

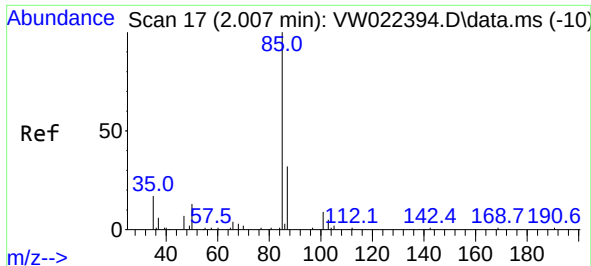
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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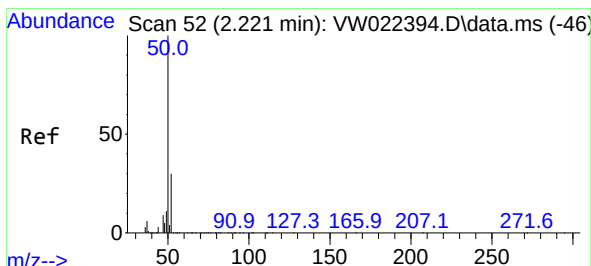
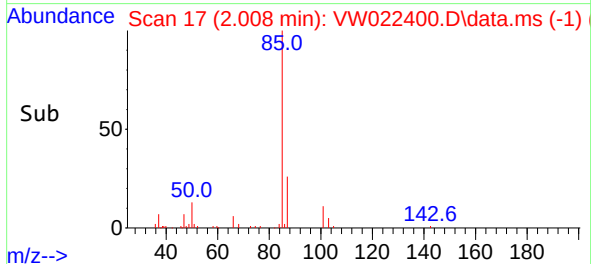
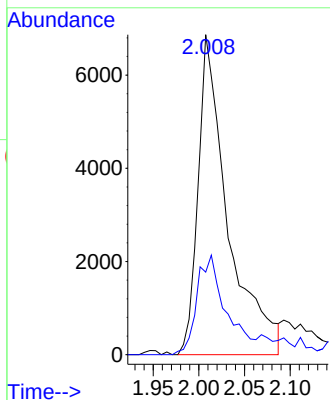
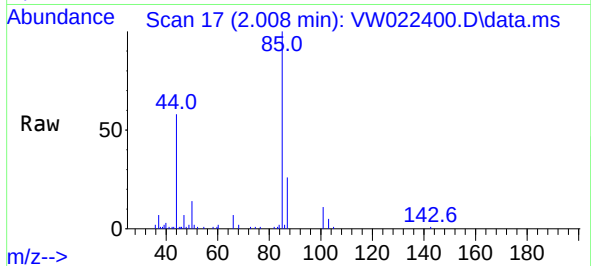




#2
Dichlorodifluoromethane
Concen: 16.949 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

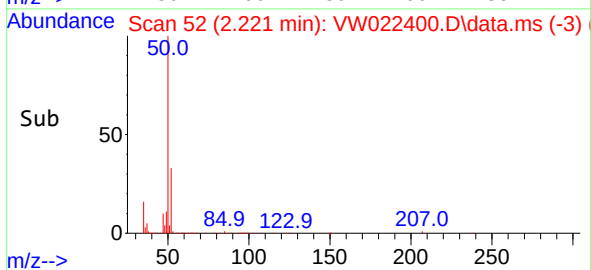
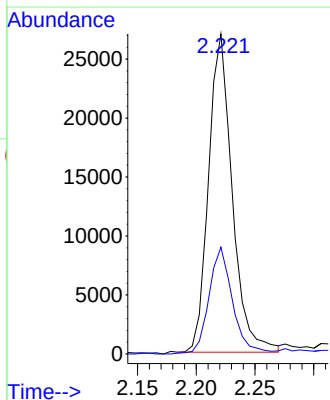
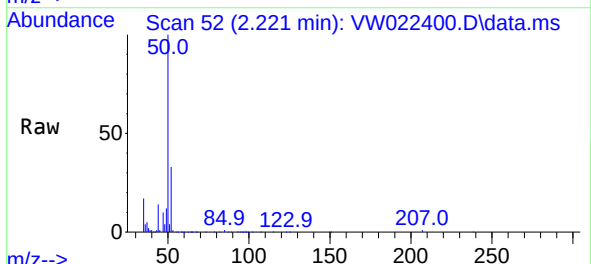
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MSVOA_W
ClientSampleId :
EW6K7MSD

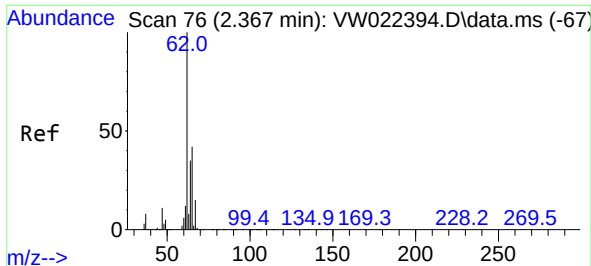
Tgt Ion: 85 Resp: 15523
Ion Ratio Lower Upper
85 100
87 30.6 27.6 41.4



#3
Chloromethane
Concen: 17.861 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 50 Resp: 37790
Ion Ratio Lower Upper
50 100
52 33.3 23.9 44.5

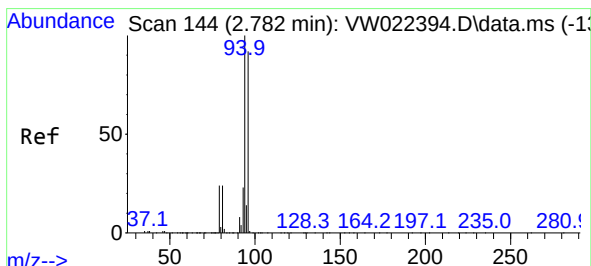
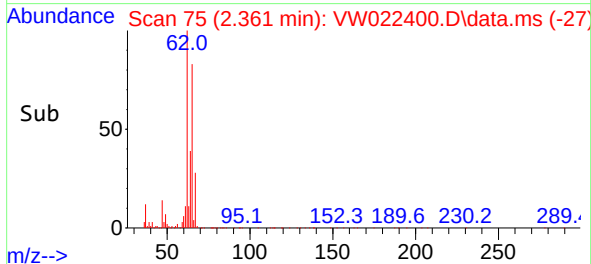
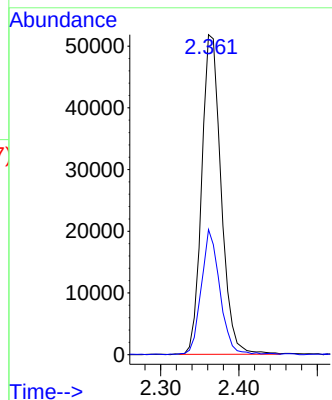
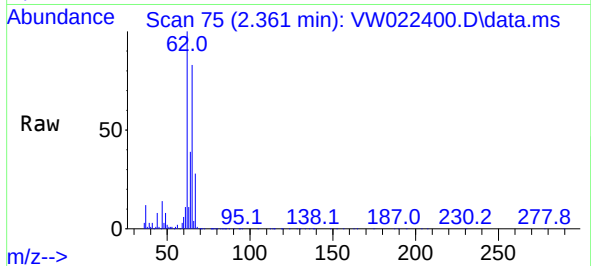




#5
 Vinyl chloride
 Concen: 25.789 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022400.D
 Acq: 05 Apr 2022 17:27

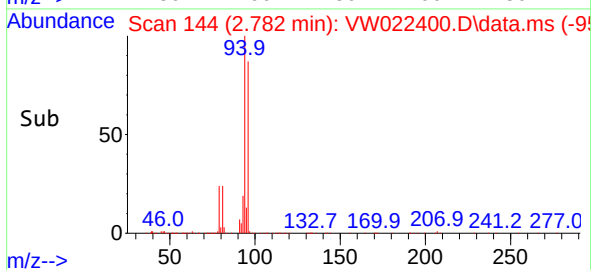
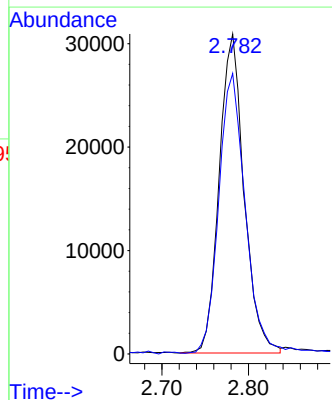
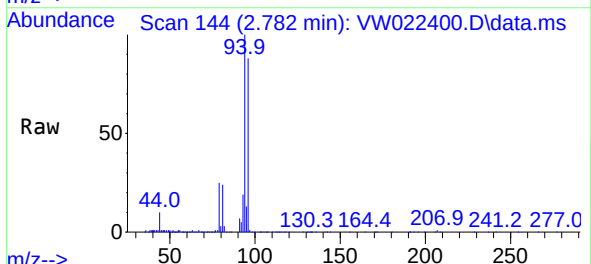
Instrument :
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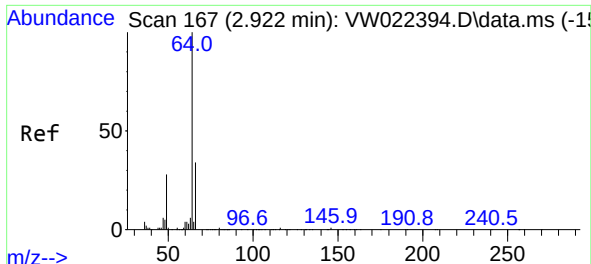
Tgt Ion: 62 Resp: 89142
 Ion Ratio Lower Upper
 62 100
 64 39.1 24.7 45.9



#6
 Bromomethane
 Concen: 34.527 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022400.D
 Acq: 05 Apr 2022 17:27

Tgt Ion: 94 Resp: 61460
 Ion Ratio Lower Upper
 94 100
 96 87.6 61.2 113.8

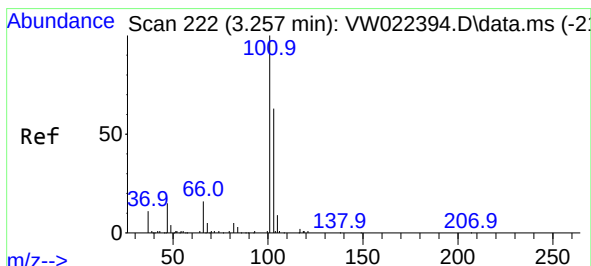
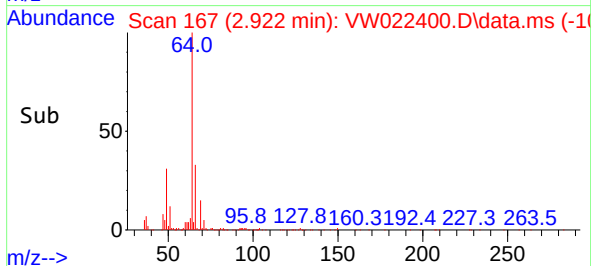
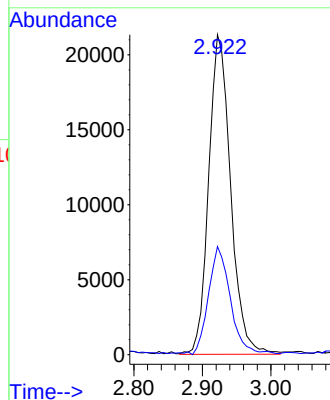
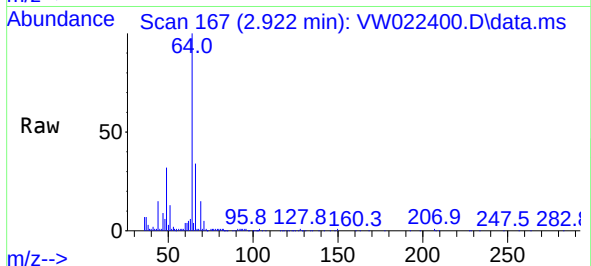




#8
Chloroethane
Concen: 33.013 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

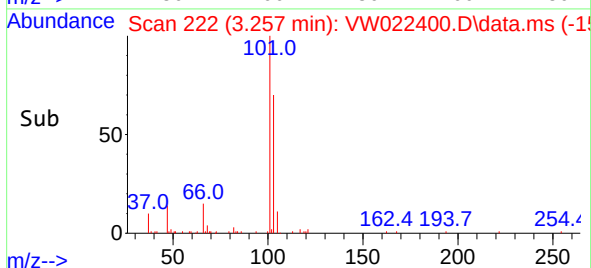
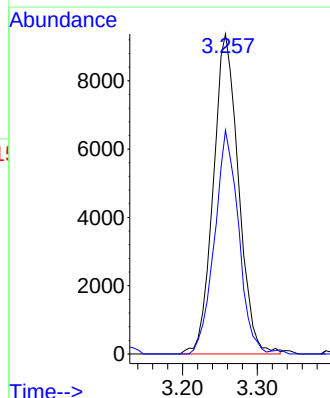
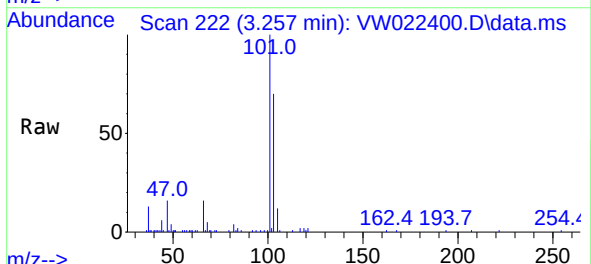
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ClientSampleId :
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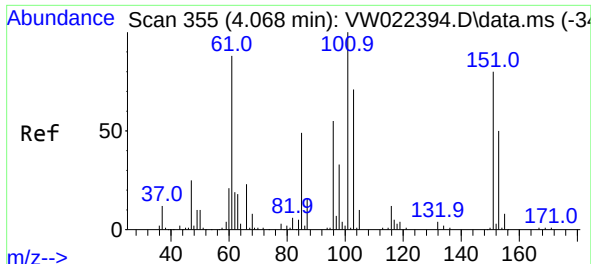
Tgt Ion: 64 Resp: 47457
Ion Ratio Lower Upper
64 100
66 33.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 21.455 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 101 Resp: 21959
Ion Ratio Lower Upper
101 100
103 66.5 53.2 79.8

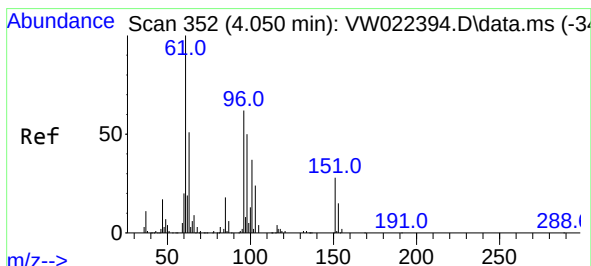
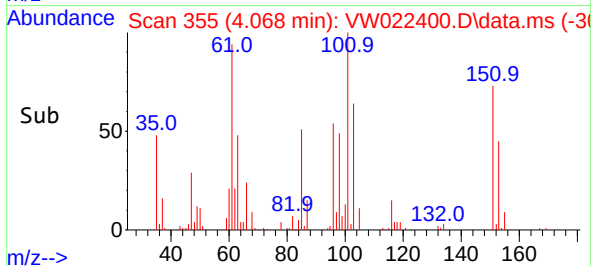
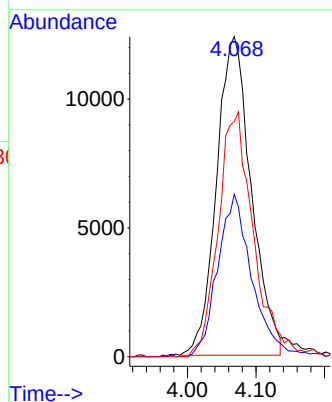
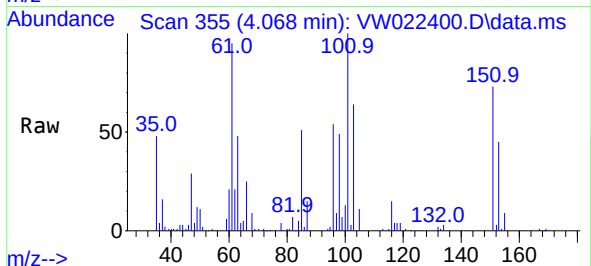




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.629 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW022400.D
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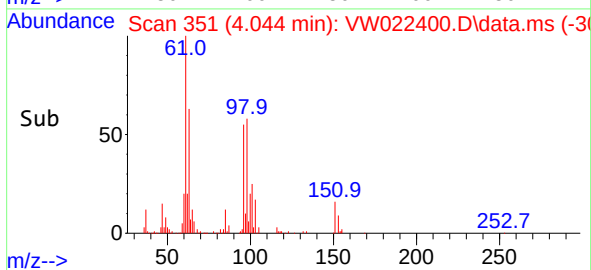
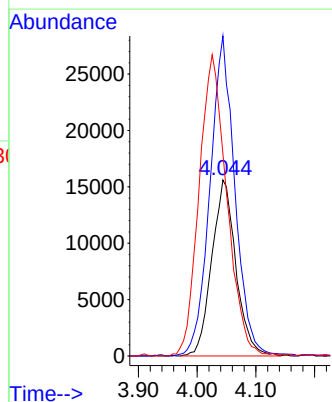
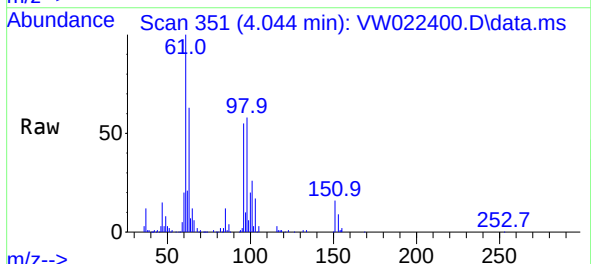
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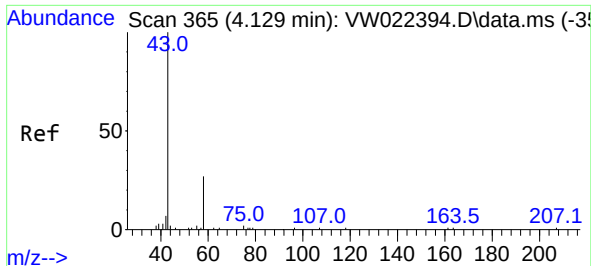
Tgt Ion:101 Resp: 43577
 Ion Ratio Lower Upper
 101 100
 85 49.7 34.4 51.6
 151 72.5 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 20.355 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW022400.D
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Tgt Ion: 96 Resp: 44627
 Ion Ratio Lower Upper
 96 100
 61 181.9 108.4 201.2
 63 114.9 72.0 133.6

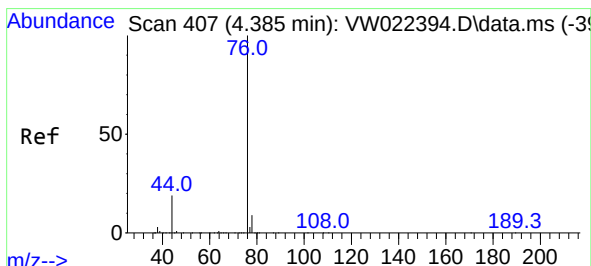
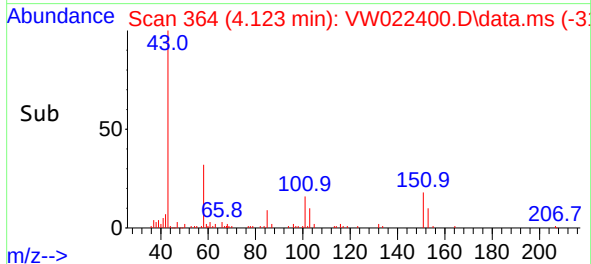
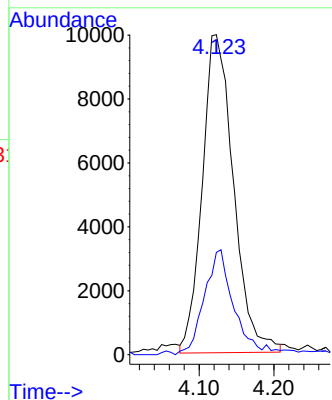
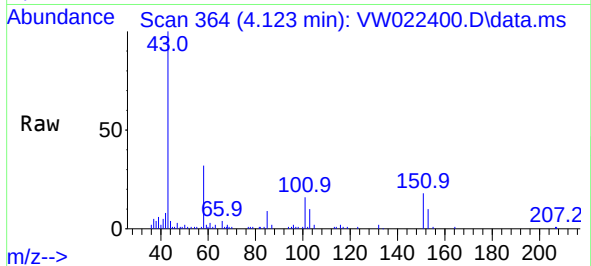




#13
Acetone
Concen: 60.657 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

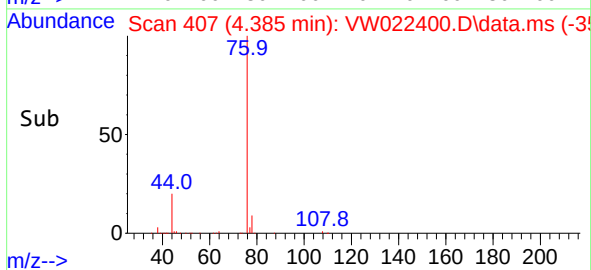
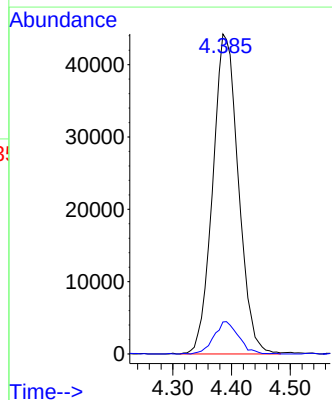
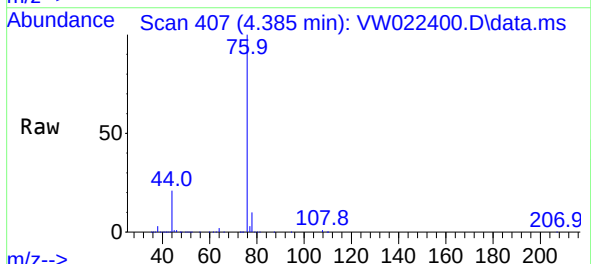
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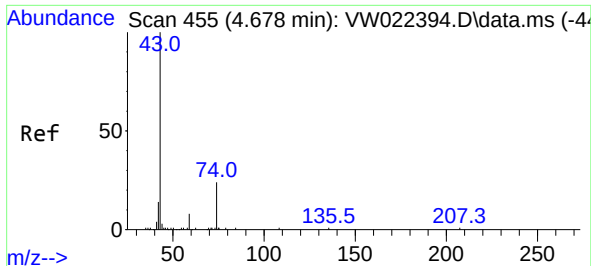
Tgt Ion: 43 Resp: 28947
Ion Ratio Lower Upper
43 100
58 30.2 0.0 69.2



#14
Carbon disulfide
Concen: 19.392 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 134133
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.8

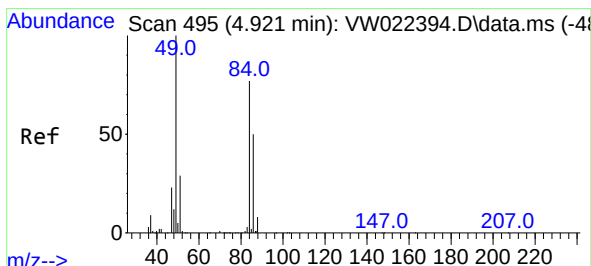
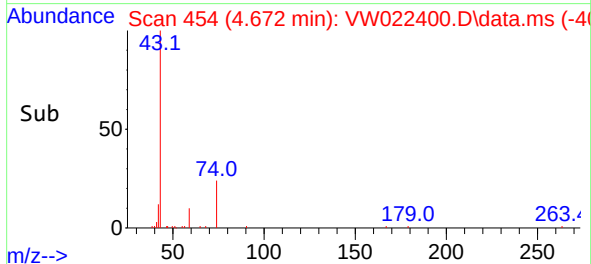
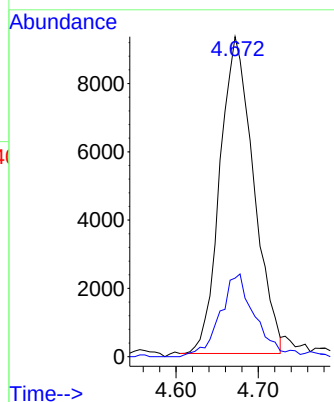
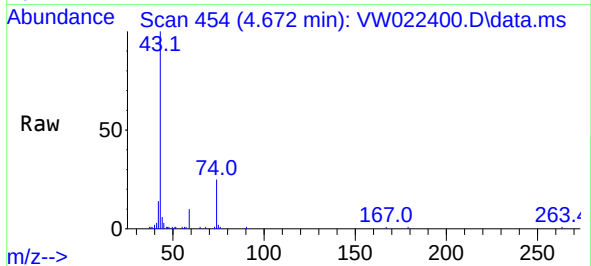




#15
Methyl Acetate
Concen: 21.311 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

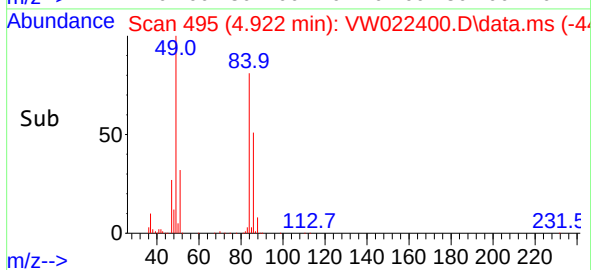
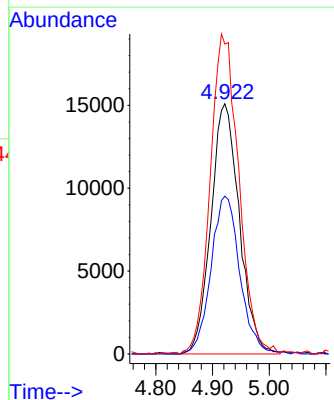
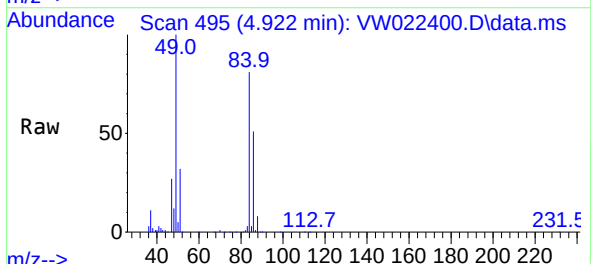
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

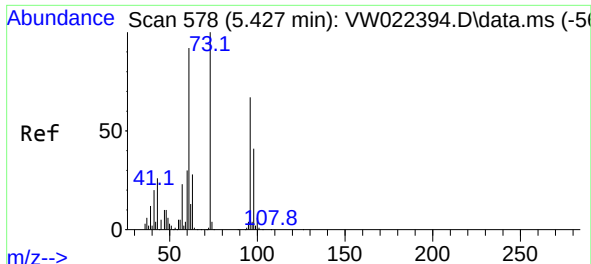
Tgt Ion: 43 Resp: 26530
Ion Ratio Lower Upper
43 100
74 26.4 23.0 34.6



#16
Methylene chloride
Concen: 20.138 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 84 Resp: 52478
Ion Ratio Lower Upper
84 100
86 63.0 45.8 85.0
49 123.8 73.8 137.0

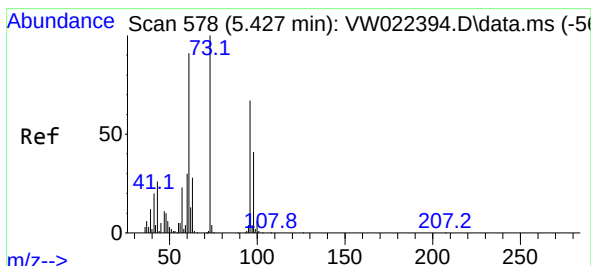
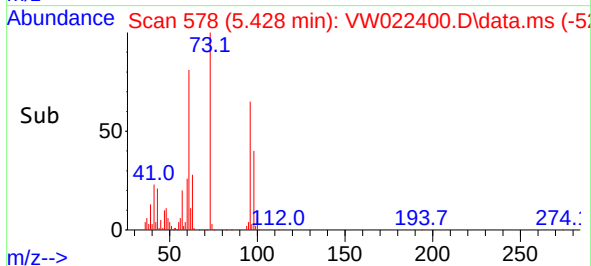
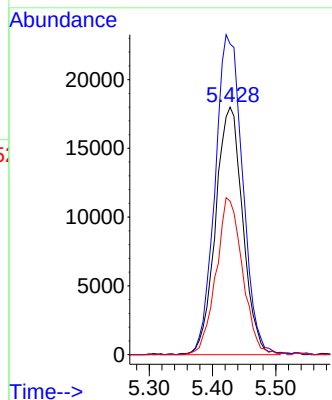
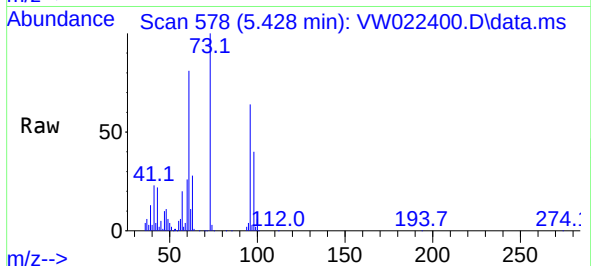




#17
trans-1,2-Dichloroethene
Concen: 20.635 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

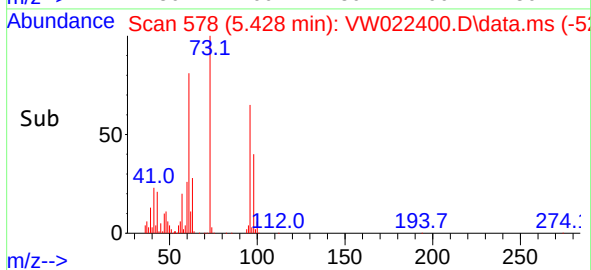
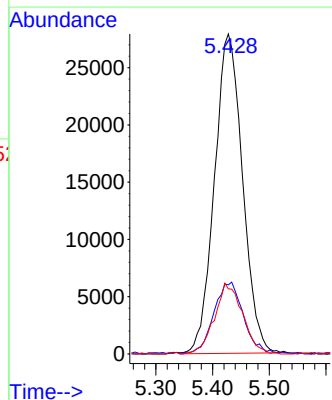
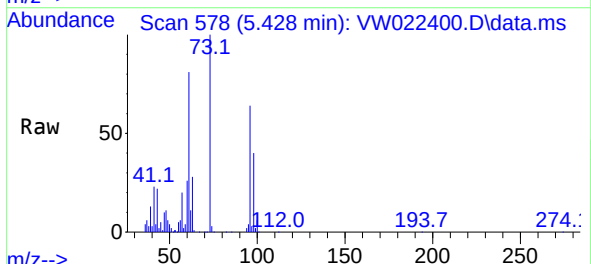
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

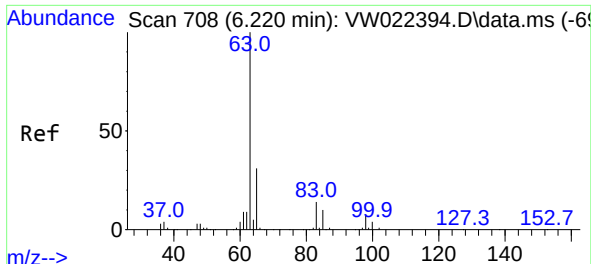
Tgt Ion: 96 Resp: 53586
Ion Ratio Lower Upper
96 100
61 125.5 87.3 162.1
98 62.0 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 21.222 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 73 Resp: 96055
Ion Ratio Lower Upper
73 100
43 22.9 15.4 23.2
57 22.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 18.885 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

EW6K7MSD

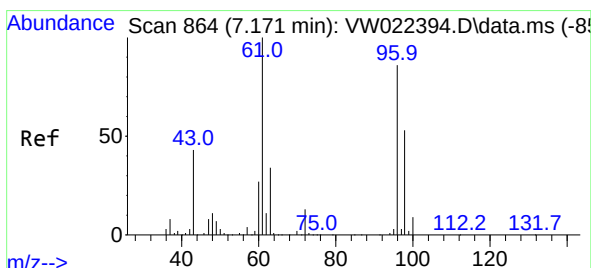
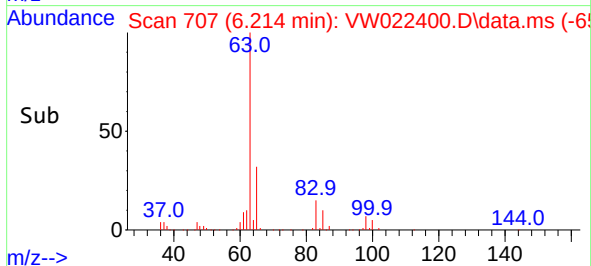
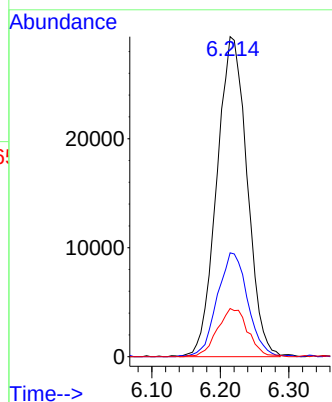
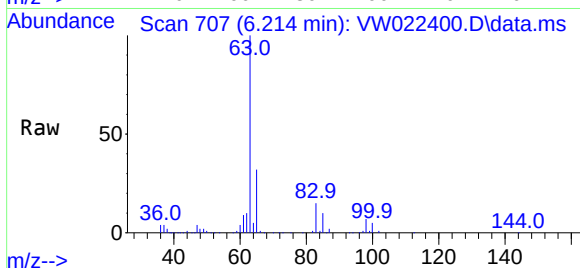
Tgt Ion: 63 Resp: 90054

Ion Ratio Lower Upper

63 100

65 32.5 22.5 41.9

83 15.0 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 20.190 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

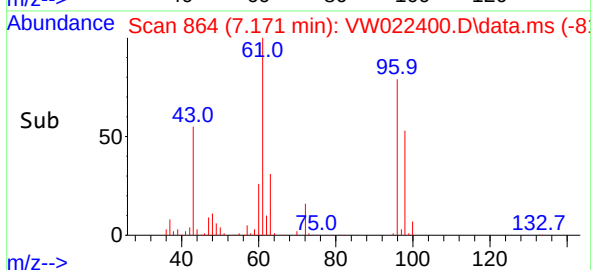
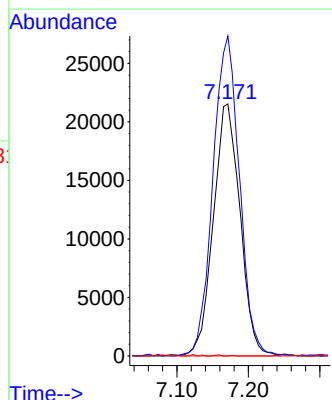
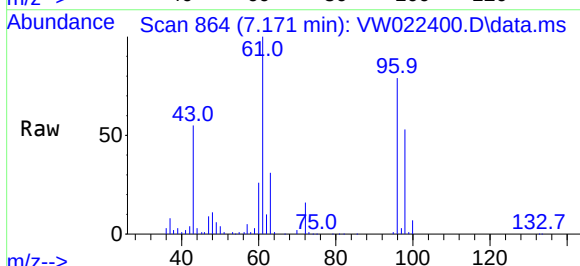
Tgt Ion: 96 Resp: 55836

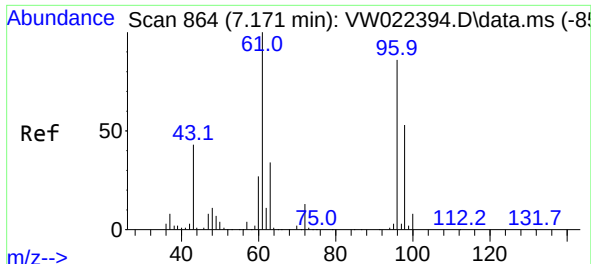
Ion Ratio Lower Upper

96 100

61 127.0 76.8 142.6

68 0.0 0.0 0.0

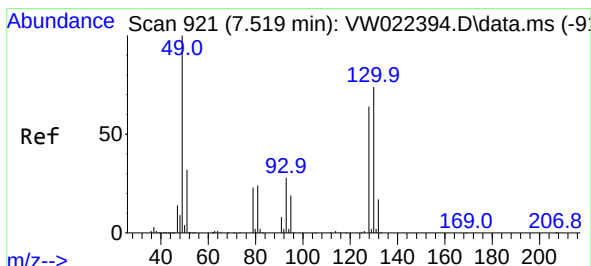
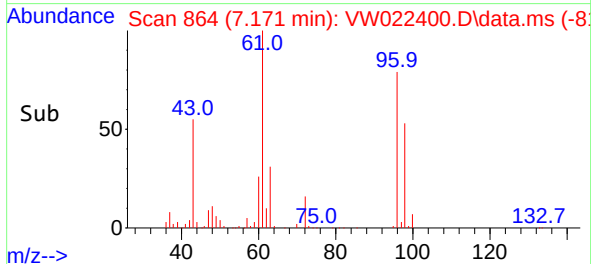
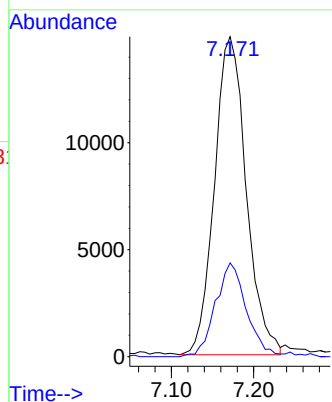
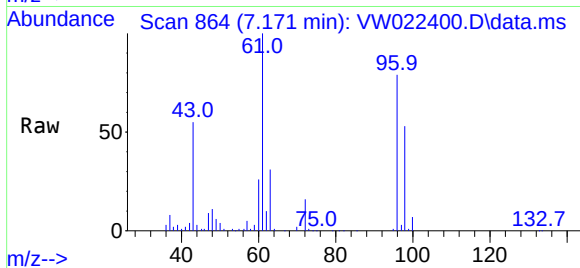




#22
2-Butanone
Concen: 53.022 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

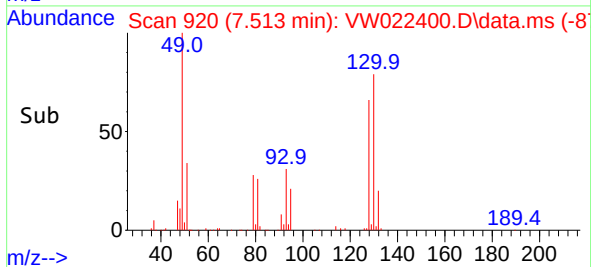
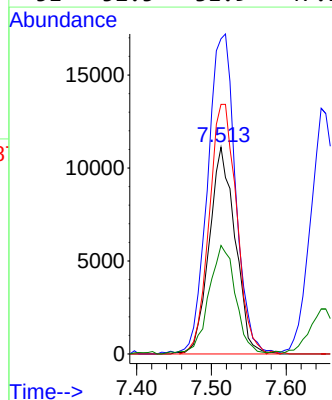
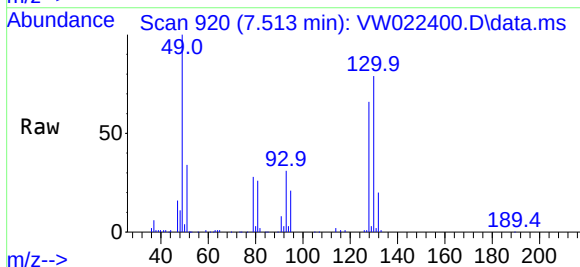
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

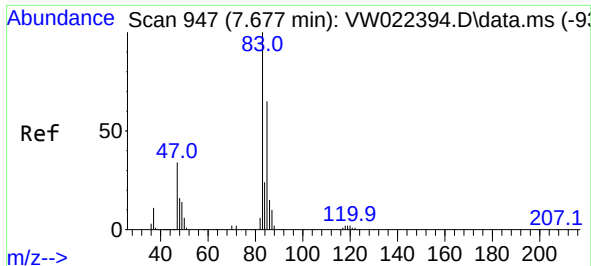
Tgt Ion: 43 Resp: 39912
Ion Ratio Lower Upper
43 100
72 28.3 17.0 51.0



#23
Bromochloromethane
Concen: 22.065 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 128 Resp: 26768
Ion Ratio Lower Upper
128 100
49 152.5 84.2 156.4
130 120.8 84.8 157.4
51 52.5 31.9 47.9

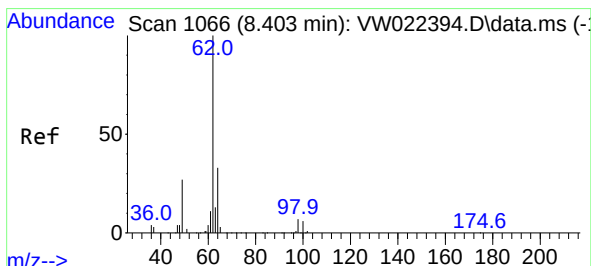
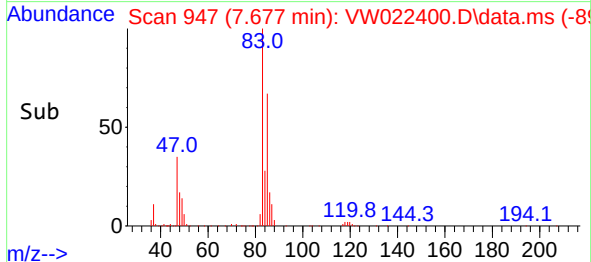
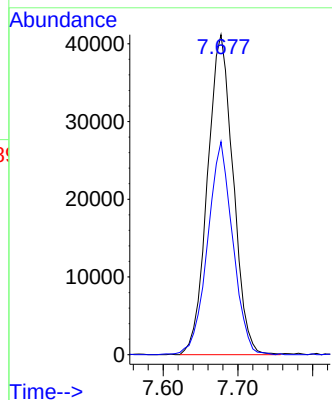
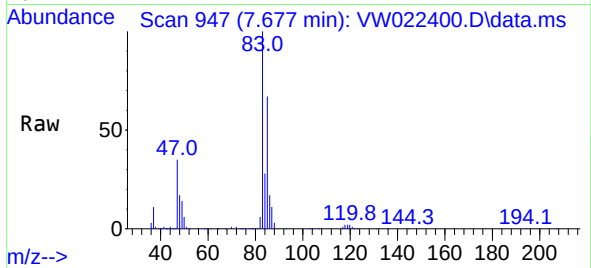




#25
Chloroform
Concen: 20.152 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

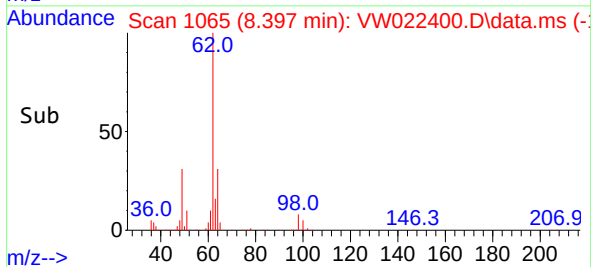
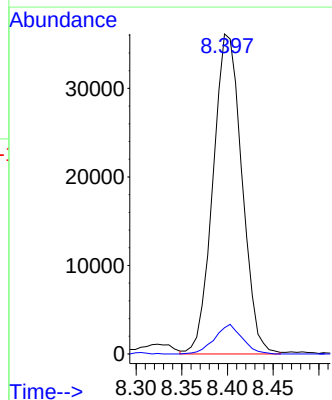
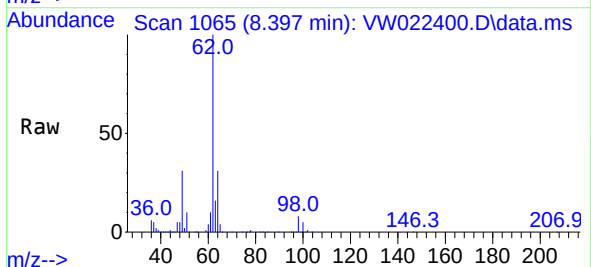
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

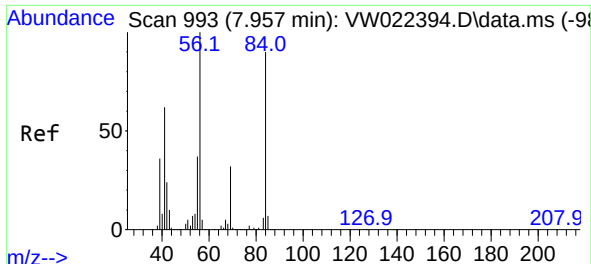
Tgt Ion: 83 Resp: 98092
Ion Ratio Lower Upper
83 100
85 66.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 21.775 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 62 Resp: 79584
Ion Ratio Lower Upper
62 100
98 8.2 7.9 11.9





#29

Cyclohexane

Concen: 17.205 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

EW6K7MSD

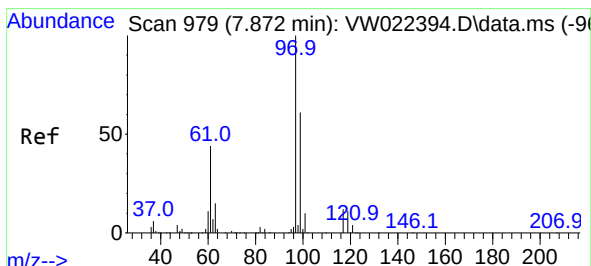
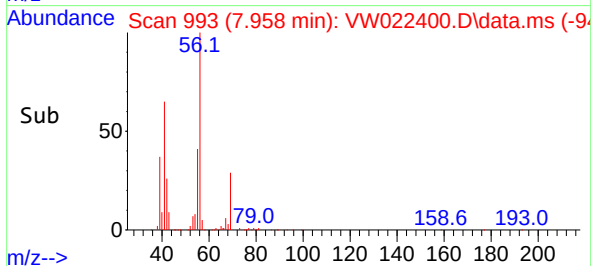
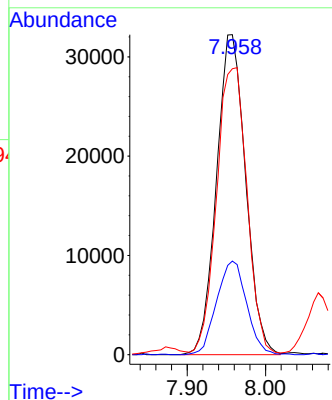
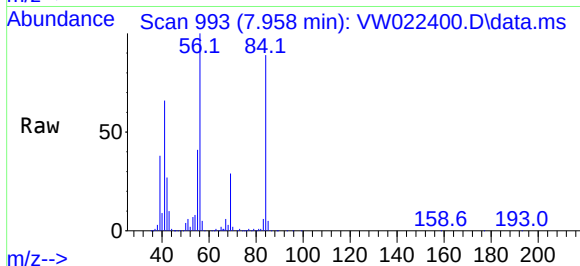
Tgt Ion: 56 Resp: 83402

Ion Ratio Lower Upper

56 100

69 30.0 26.3 39.5

84 93.6 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 19.206 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

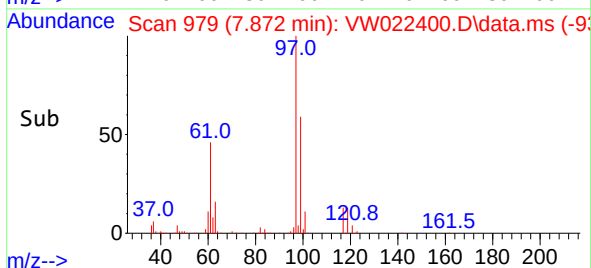
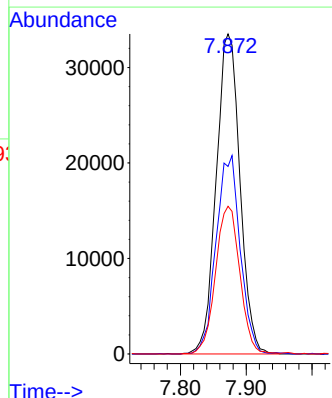
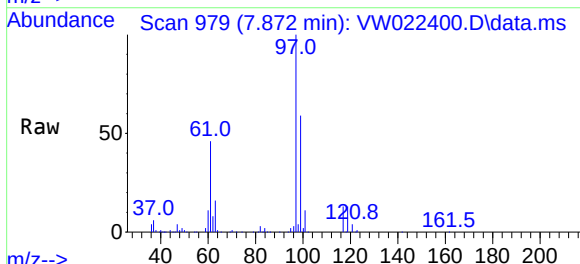
Tgt Ion: 97 Resp: 84310

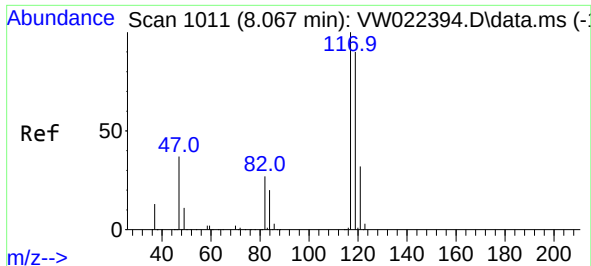
Ion Ratio Lower Upper

97 100

99 62.5 52.6 78.8

61 47.3 33.0 49.6

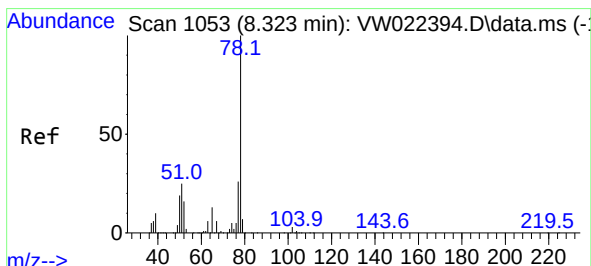
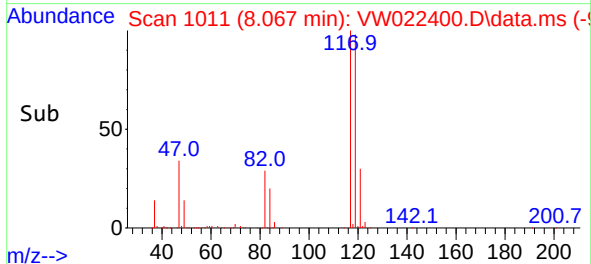
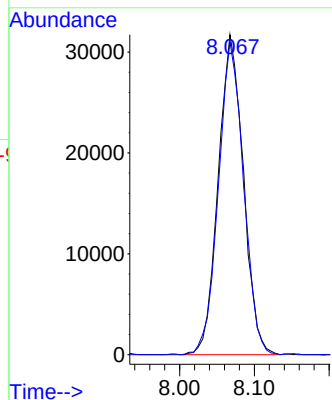
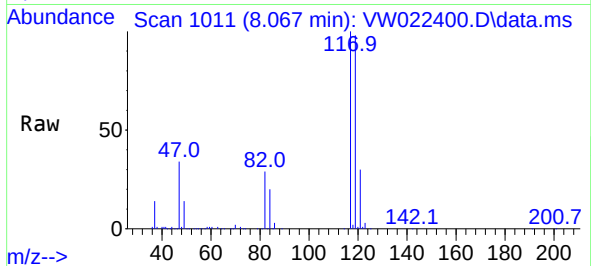




#31
Carbon tetrachloride
Concen: 18.751 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

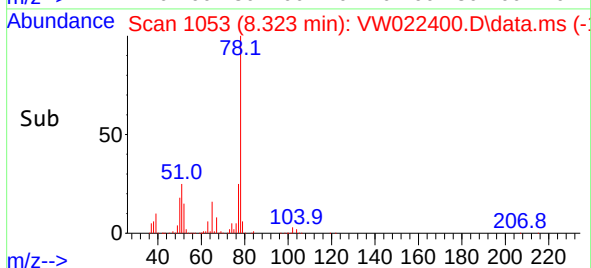
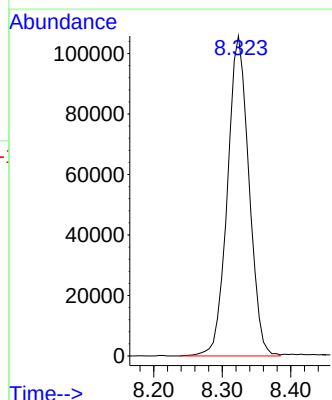
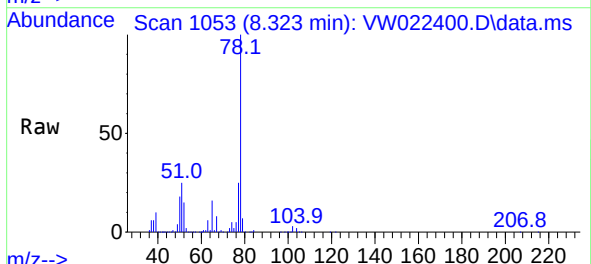
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

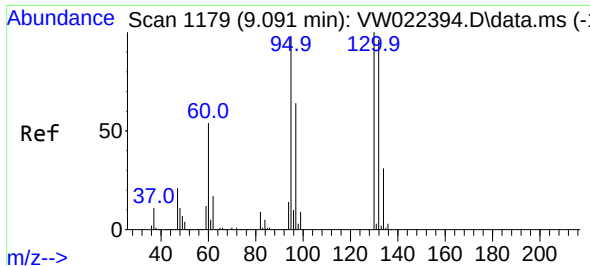
Tgt Ion:117 Resp: 74142
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1



#33
Benzene
Concen: 20.200 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 78 Resp: 230889

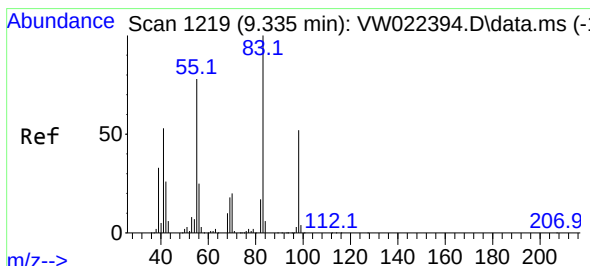
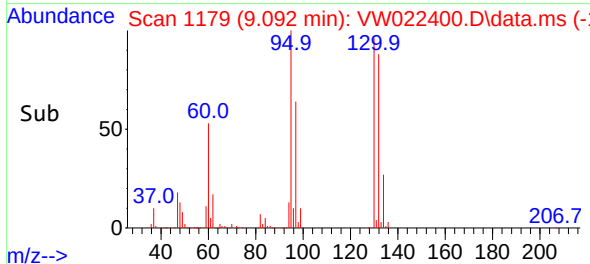
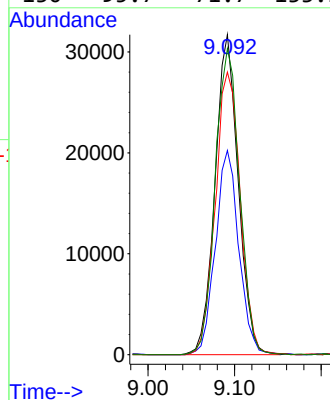
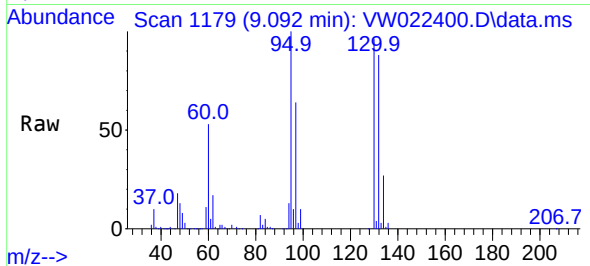




#34
Trichloroethene
Concen: 19.925 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

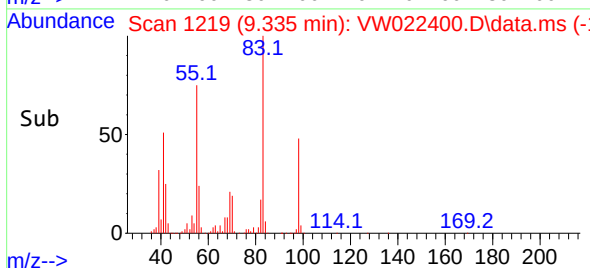
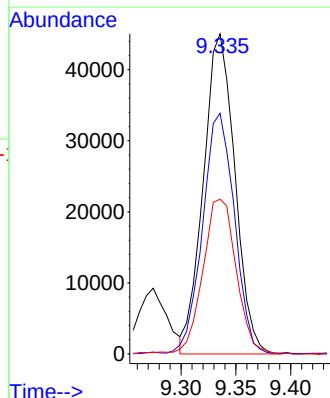
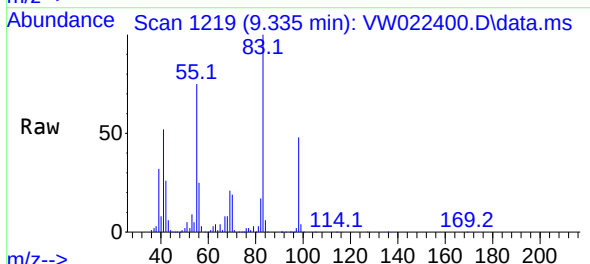
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

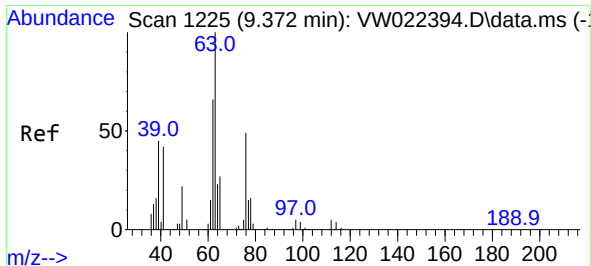
Tgt Ion:	95	Resp:	59157
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.4	82.4
132	88.3	71.7	133.1
130	95.7	71.7	133.1



#35
Methylcyclohexane
Concen: 17.272 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:	83	Resp:	90273
Ion	Ratio	Lower	Upper
83	100		
55	75.9	53.8	80.8
98	50.8	42.1	63.1





#37

1,2-Dichloropropane

Concen: 20.223 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

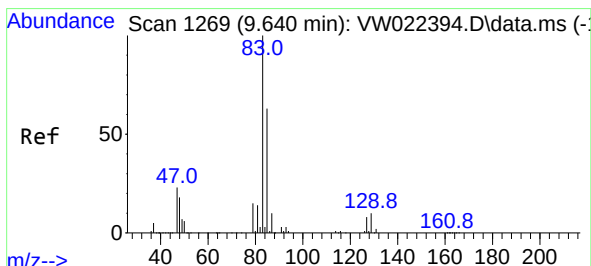
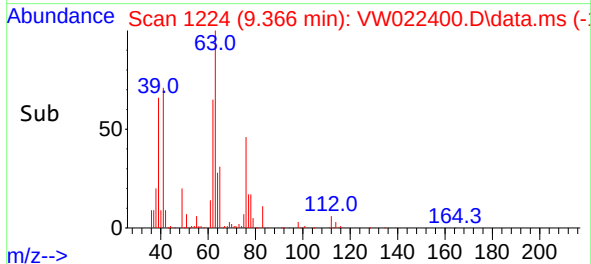
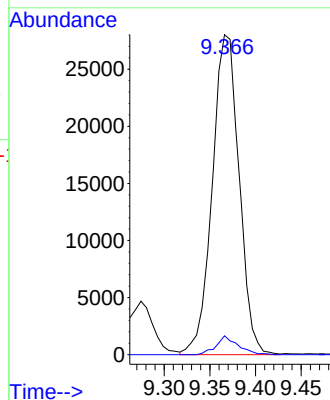
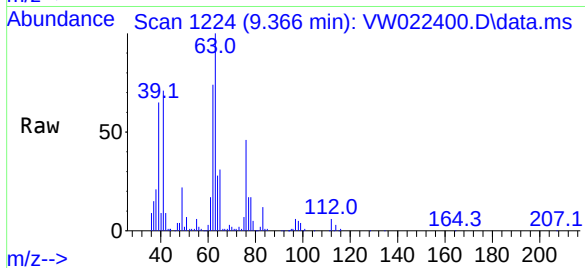
EW6K7MSD

Tgt Ion: 63 Resp: 57282

Ion Ratio Lower Upper

63 100

112 4.7 4.1 6.1



#38

Bromodichloromethane

Concen: 20.212 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

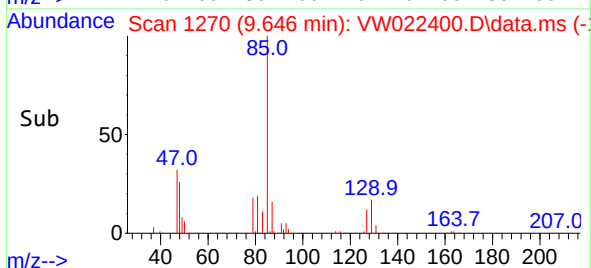
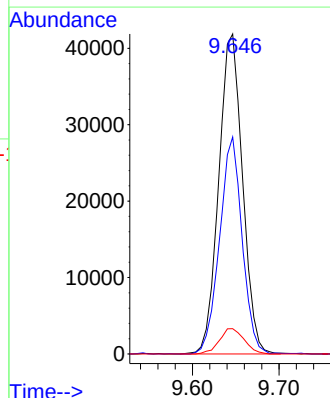
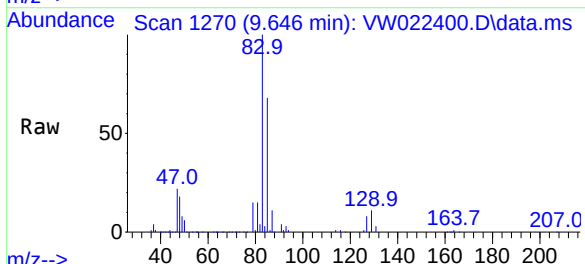
Tgt Ion: 83 Resp: 79844

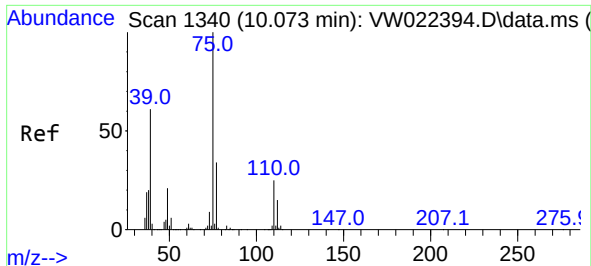
Ion Ratio Lower Upper

83 100

85 67.8 47.9 89.1

127 7.9 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 20.326 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

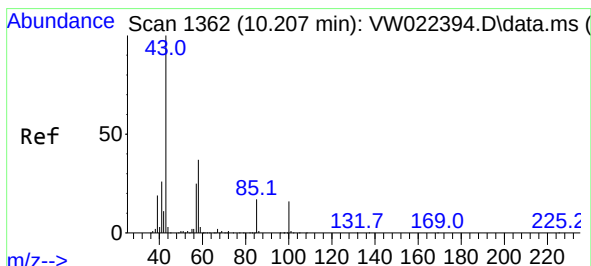
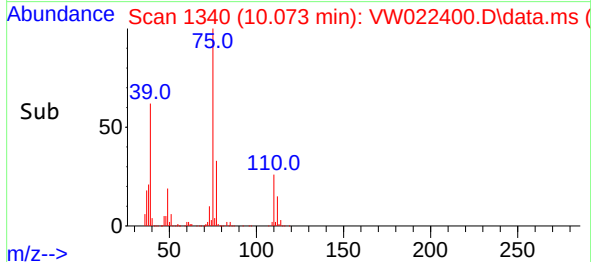
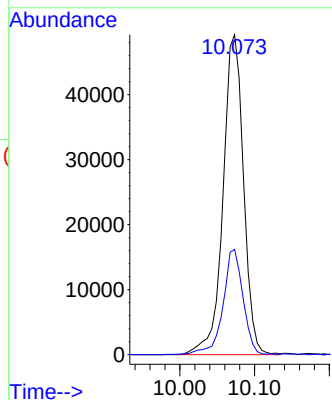
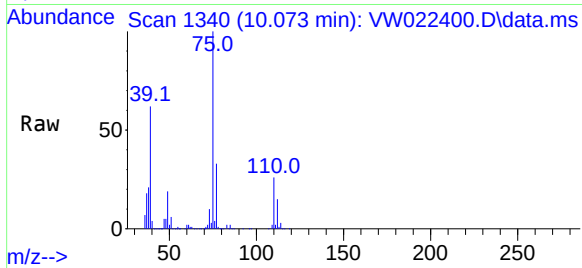
EW6K7MSD

Tgt Ion: 75 Resp: 94136

Ion Ratio Lower Upper

75 100

77 32.9 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 48.994 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

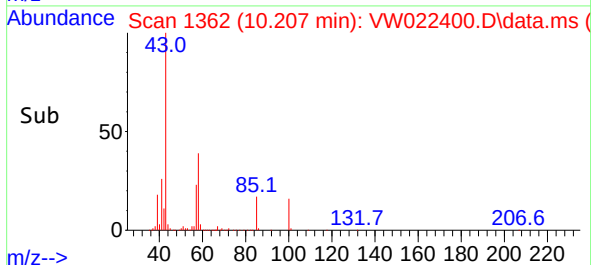
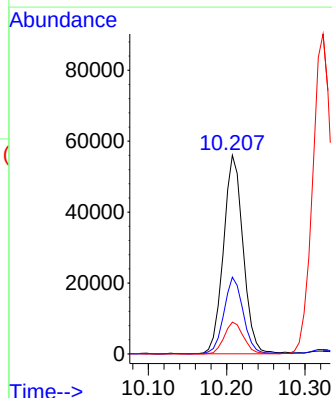
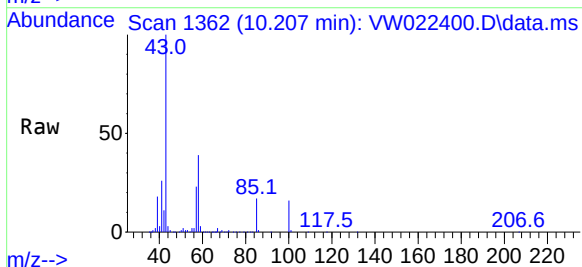
Tgt Ion: 43 Resp: 97585

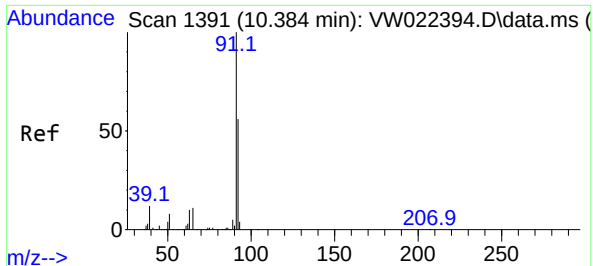
Ion Ratio Lower Upper

43 100

58 38.3 33.2 49.8

100 16.0 16.1 24.1

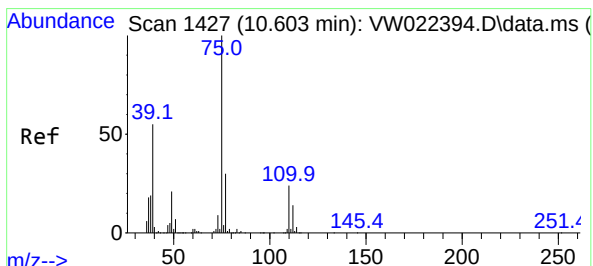
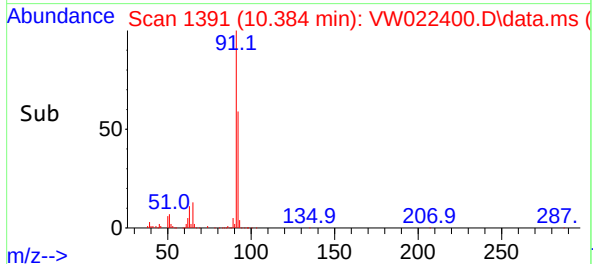
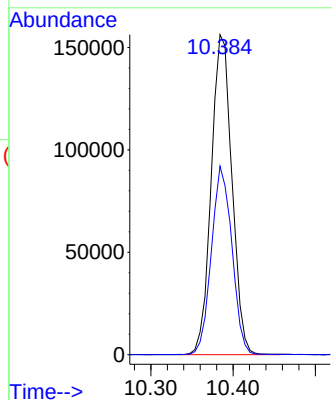
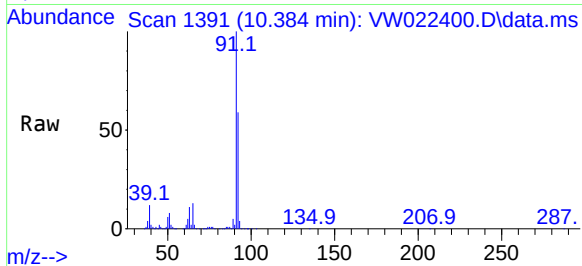




#42
Toluene
Concen: 21.501 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

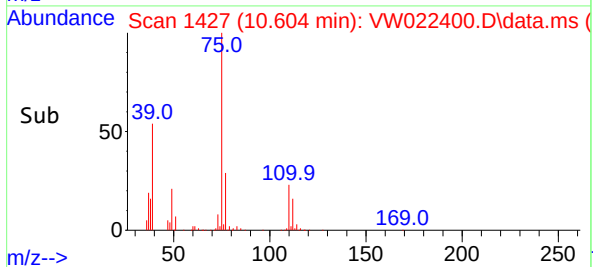
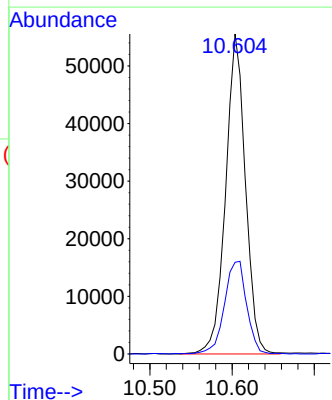
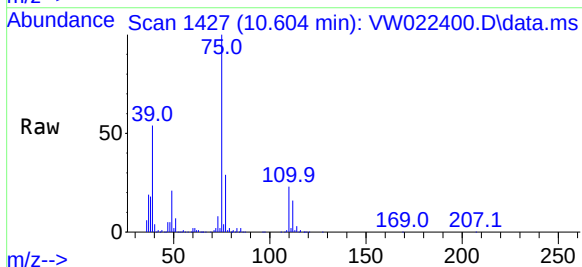
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

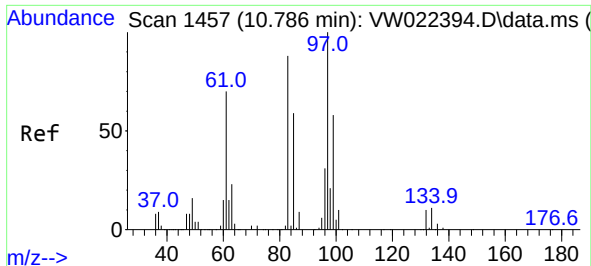
Tgt Ion: 91 Resp: 273340
Ion Ratio Lower Upper
91 100
92 58.9 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 21.634 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 75 Resp: 92796
Ion Ratio Lower Upper
75 100
77 28.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 23.885 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

EW6K7MSD

Tgt Ion: 97 Resp: 50597

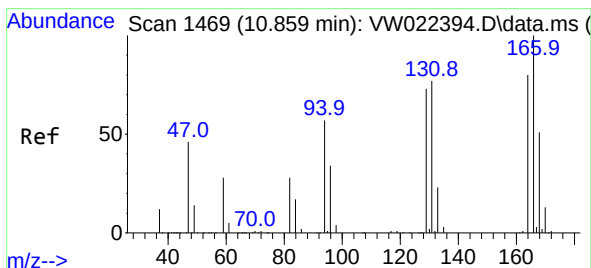
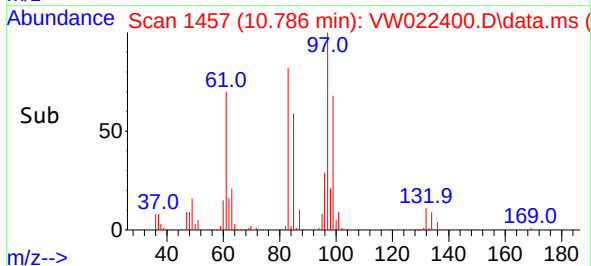
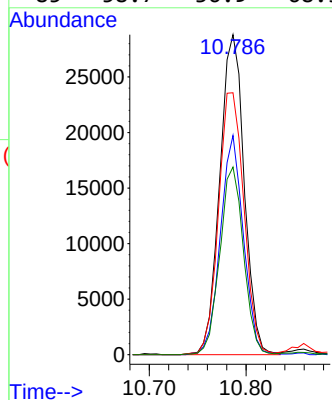
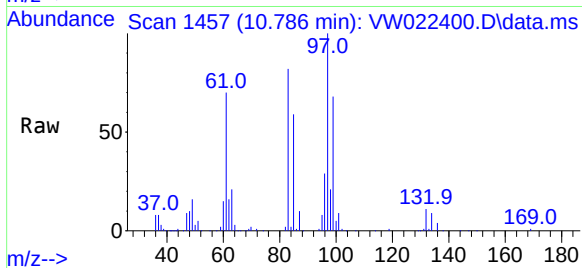
Ion Ratio Lower Upper

97 100

99 68.5 43.5 80.7

83 81.9 53.5 99.3

85 58.7 36.9 68.5



#46

Tetrachloroethene

Concen: 22.772 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Tgt Ion:164 Resp: 48482

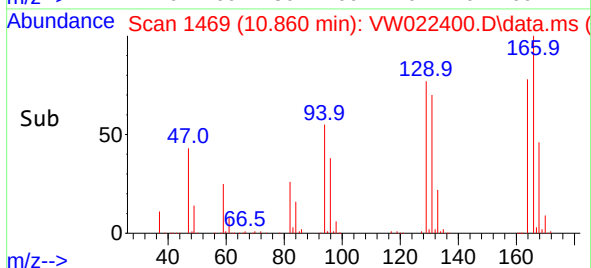
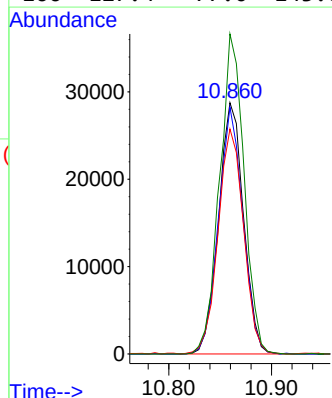
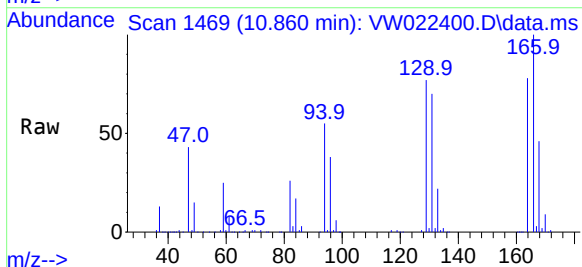
Ion Ratio Lower Upper

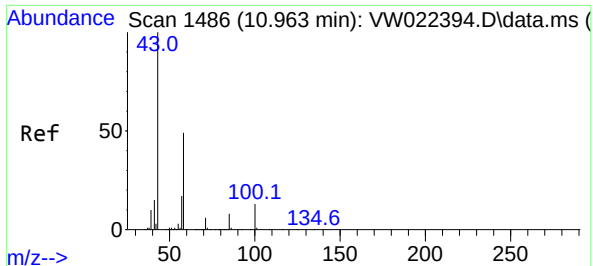
164 100

129 98.2 60.3 111.9

131 89.6 59.9 111.3

166 127.4 77.0 143.0

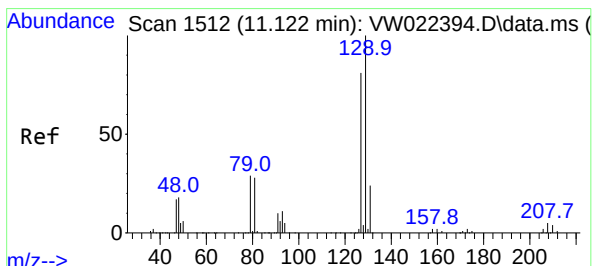
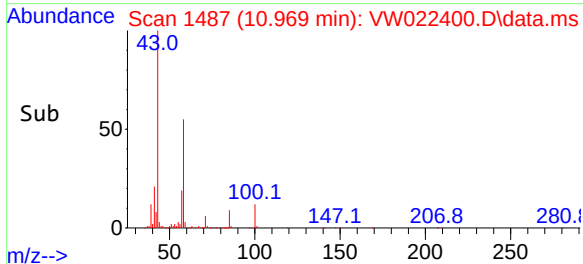
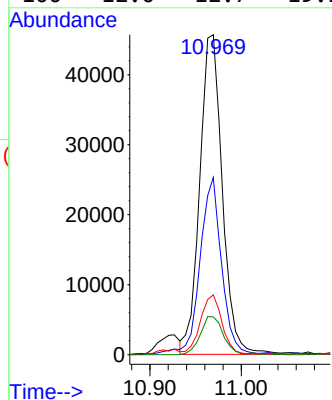
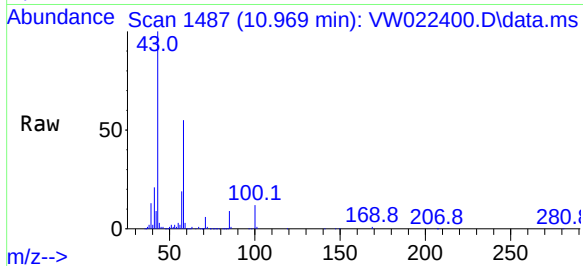




#48
2-Hexanone
Concen: 55.732 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

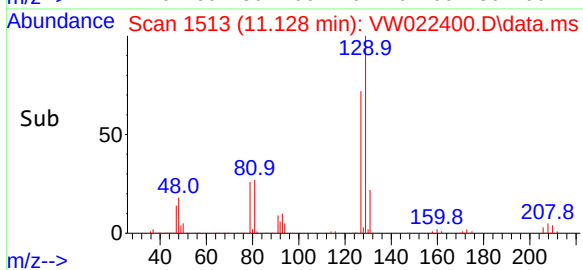
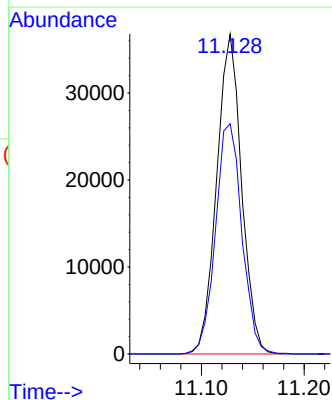
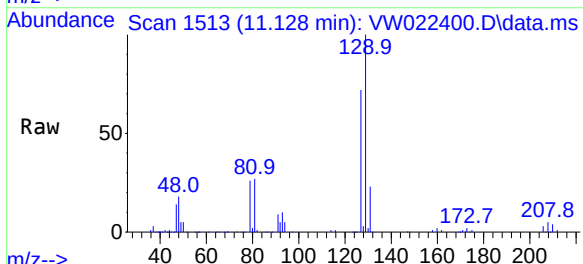
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

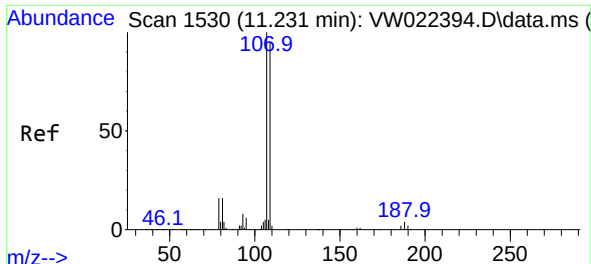
Tgt Ion:	43	Resp:	78365
Ion	Ratio	Lower	Upper
43	100		
58	53.2	44.6	66.8
57	18.1	15.8	23.8
100	12.0	12.7	19.1#



#49
Dibromochloromethane
Concen: 23.606 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:	129	Resp:	61908
Ion	Ratio	Lower	Upper
129	100		
127	72.0	54.5	101.1

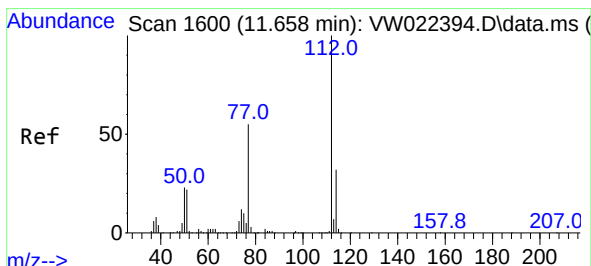
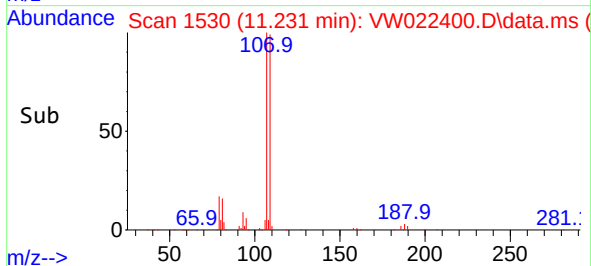
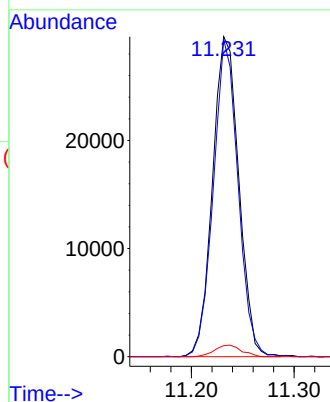
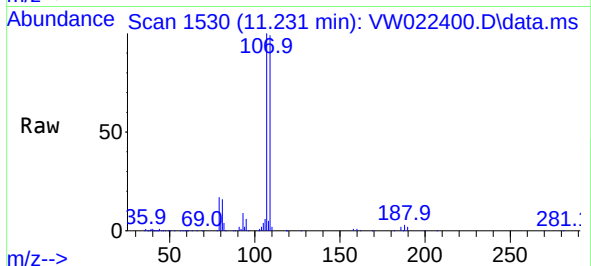




#50
1,2-Dibromoethane
Concen: 24.394 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

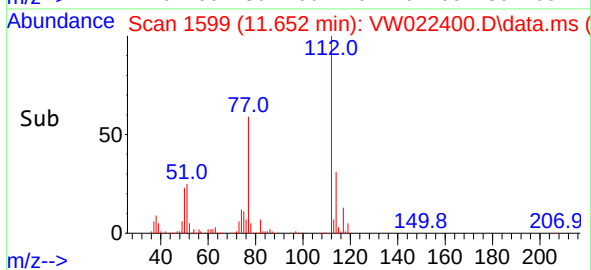
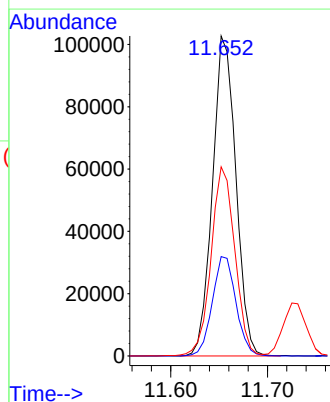
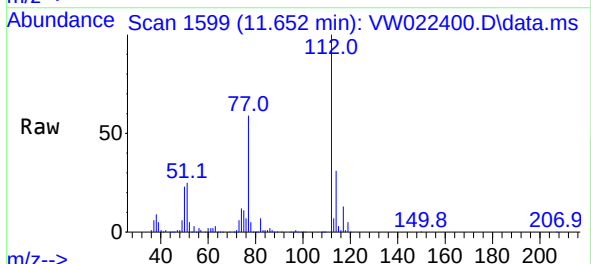
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

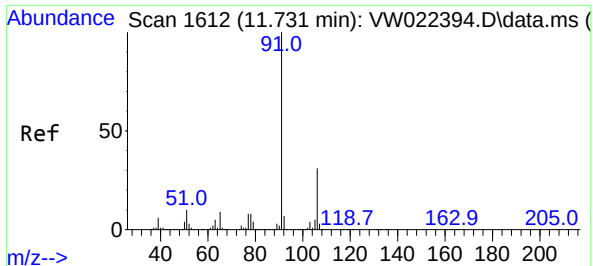
Tgt Ion:	107	Resp:	52481
Ion	Ratio	Lower	Upper
107	100		
109	99.1	66.8	124.2
188	3.4	2.6	4.0



#51
Chlorobenzene
Concen: 21.926 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:	112	Resp:	172343
Ion	Ratio	Lower	Upper
112	100		
114	31.0	23.0	42.8
77	59.1	41.8	62.6





#52

Ethylbenzene

Concen: 21.489 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

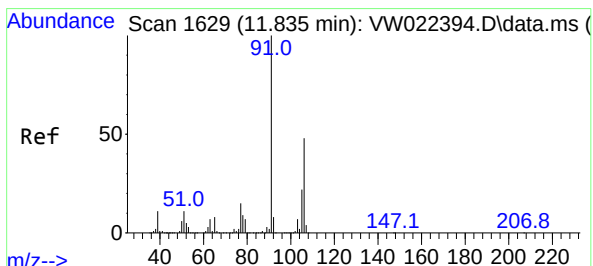
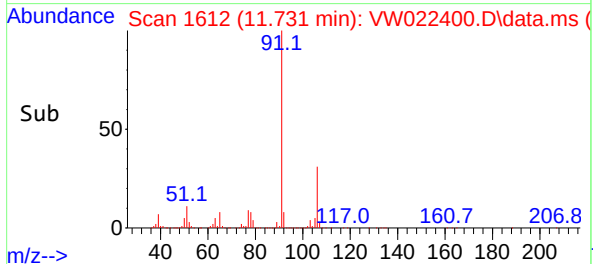
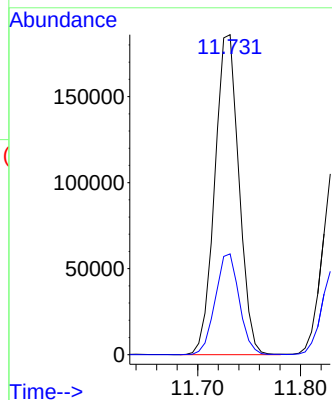
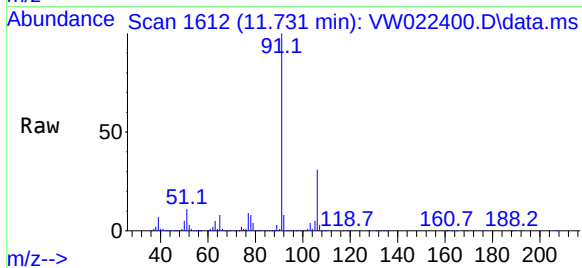
EW6K7MSD

Tgt Ion: 91 Resp: 303008

Ion Ratio Lower Upper

91 100

106 31.5 22.8 42.4



#53

m,p-Xylene

Concen: 21.819 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022400.D

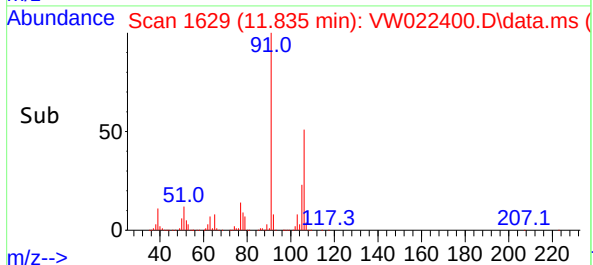
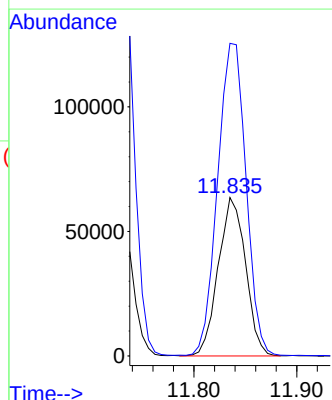
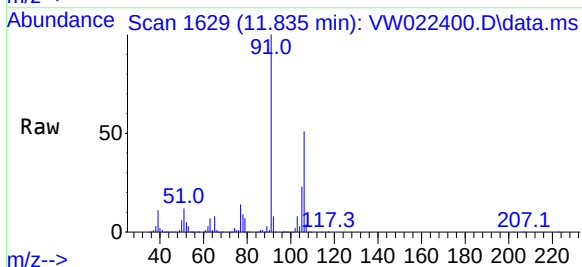
Acq: 05 Apr 2022 17:27

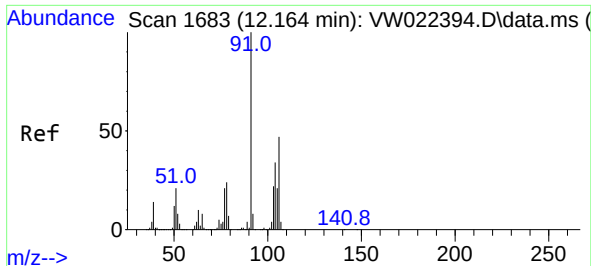
Tgt Ion:106 Resp: 117430

Ion Ratio Lower Upper

106 100

91 197.3 135.0 250.8

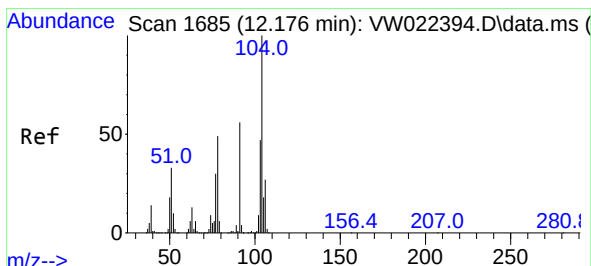
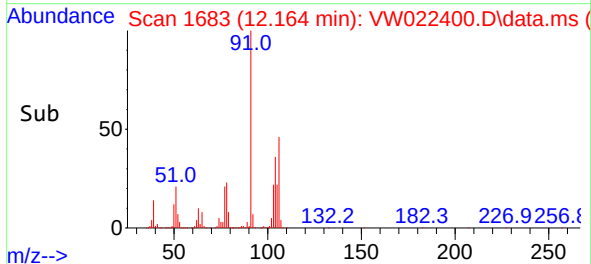
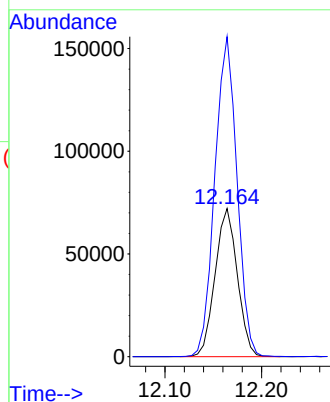
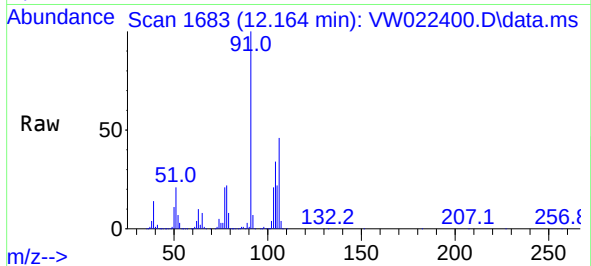




#54
o-Xylene
Concen: 22.113 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

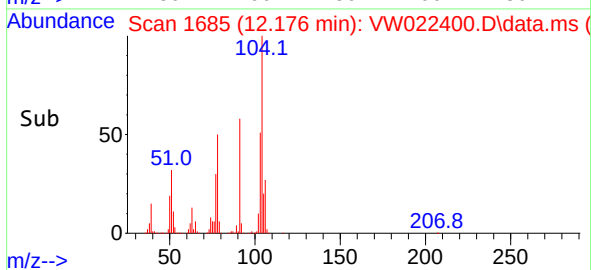
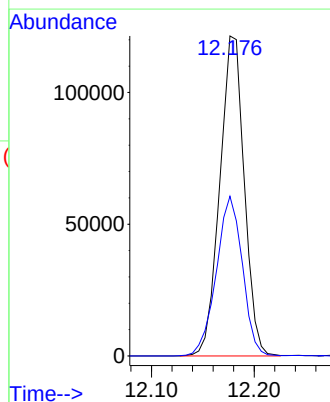
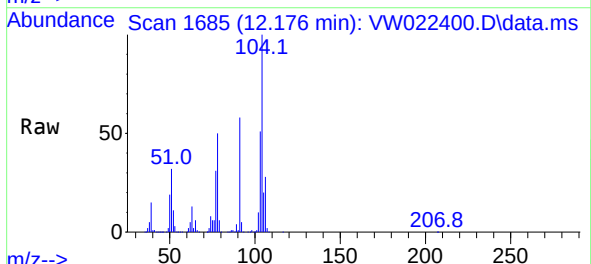
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

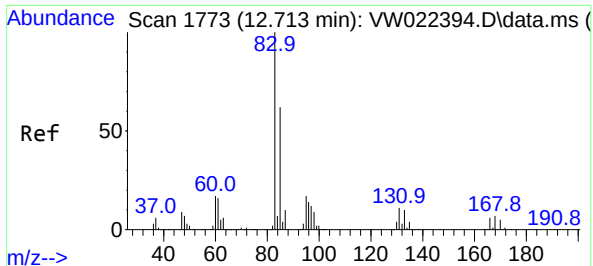
Tgt Ion:106 Resp: 115284
Ion Ratio Lower Upper
106 100
91 216.0 136.9 254.3



#55
Styrene
Concen: 22.171 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:104 Resp: 200766
Ion Ratio Lower Upper
104 100
78 49.9 27.8 51.6

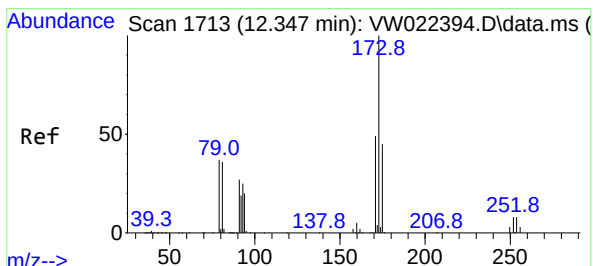
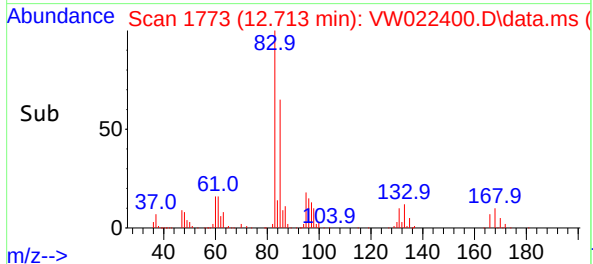
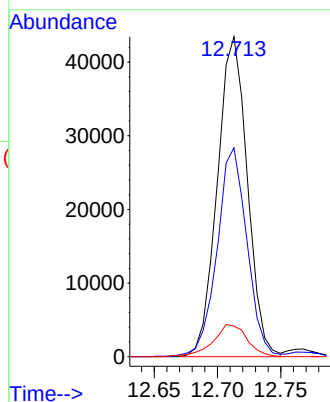
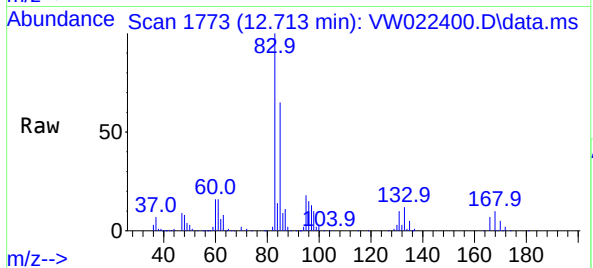




#57
1,1,2,2-Tetrachloroethane
Concen: 26.414 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

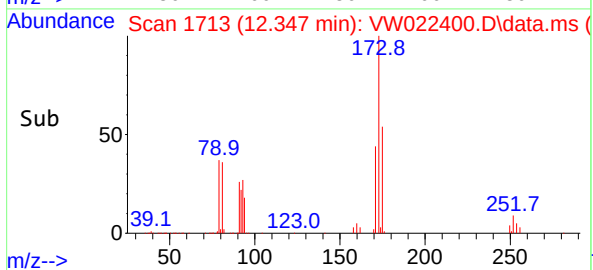
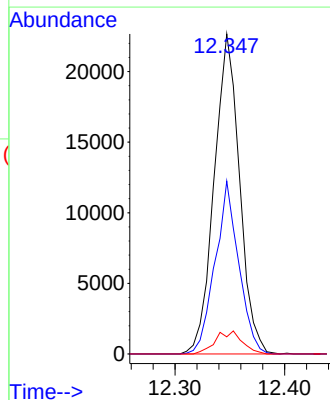
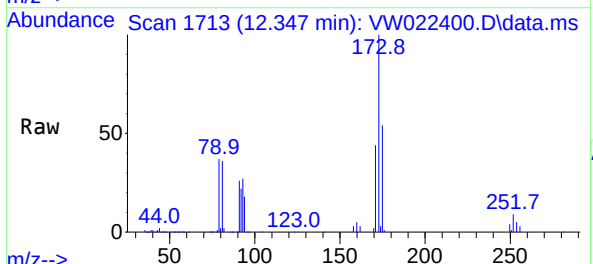
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

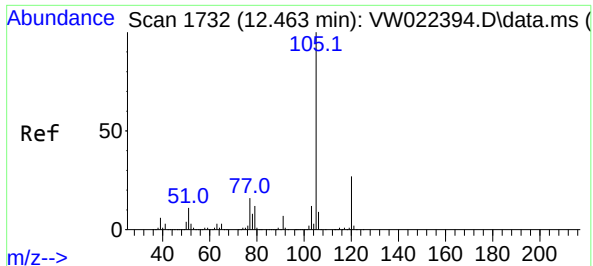
Tgt Ion:	83	Resp:	71655
Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.2	82.0
131	9.6	9.4	14.0



#59
Bromoform
Concen: 24.906 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:	173	Resp:	36518
Ion	Ratio	Lower	Upper
173	100		
175	50.3	38.2	57.4
254	7.6	5.0	7.6#

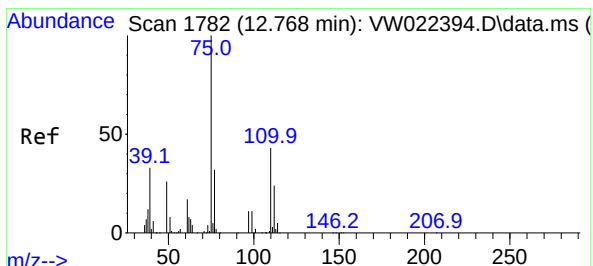
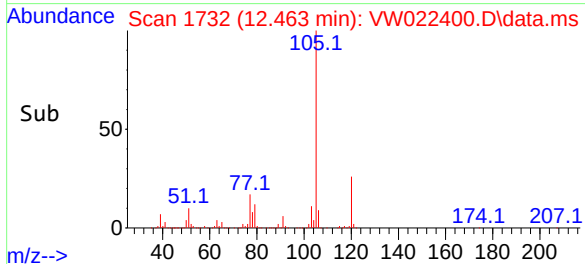
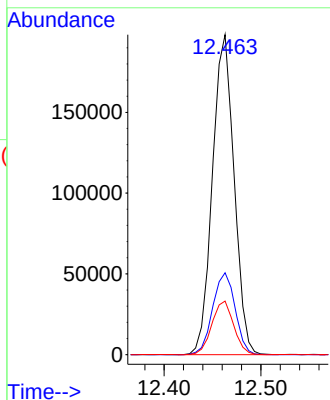
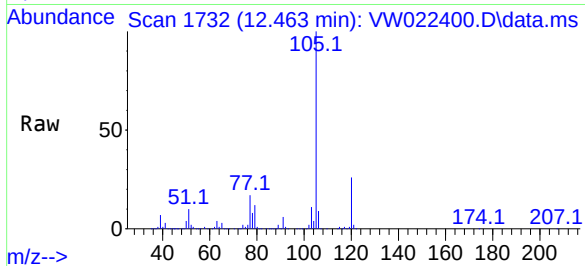




#60
Isopropylbenzene
Concen: 20.855 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

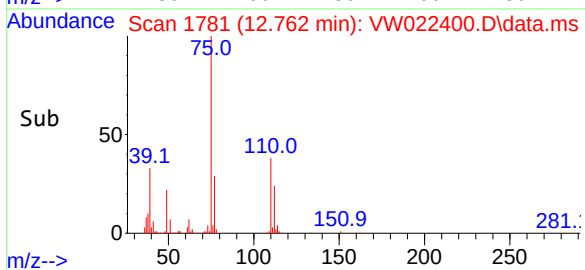
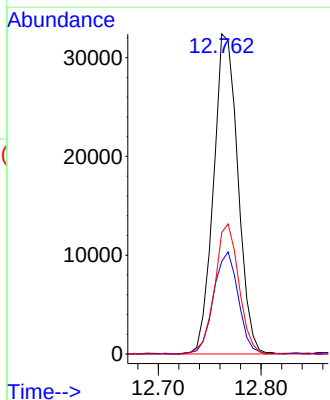
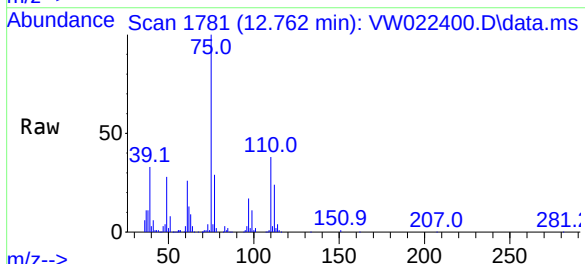
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

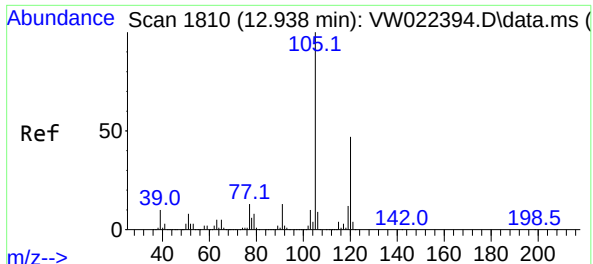
Tgt Ion:105 Resp: 308262
Ion Ratio Lower Upper
105 100
120 26.6 22.1 33.1
77 16.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 24.970 ug/L
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion: 75 Resp: 53402
Ion Ratio Lower Upper
75 100
77 32.2 27.1 40.7
110 40.1 36.7 55.1

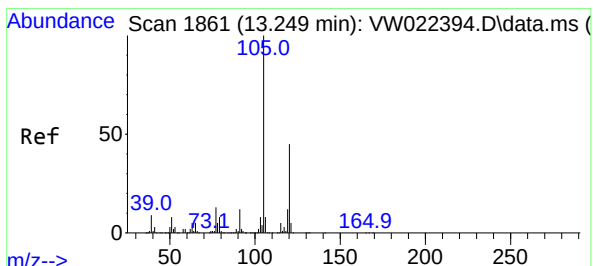
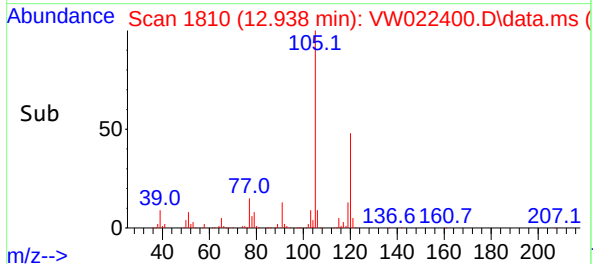
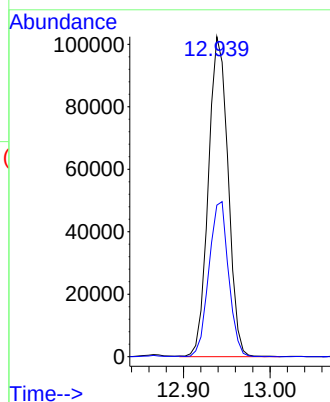
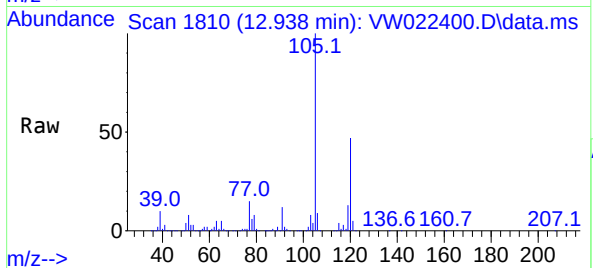




#62
1,3,5-Trimethylbenzene
Concen: 19.630 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

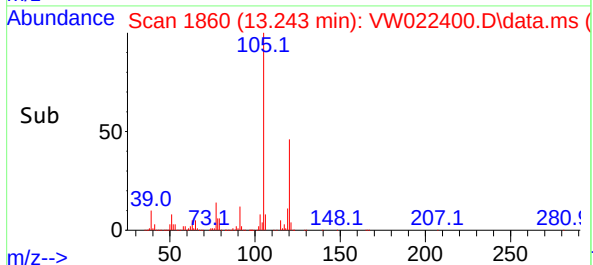
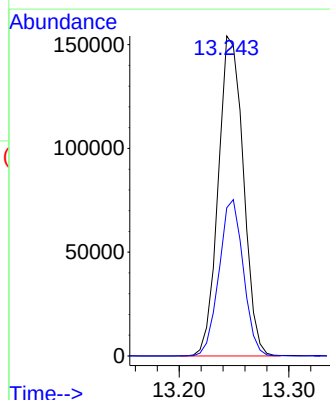
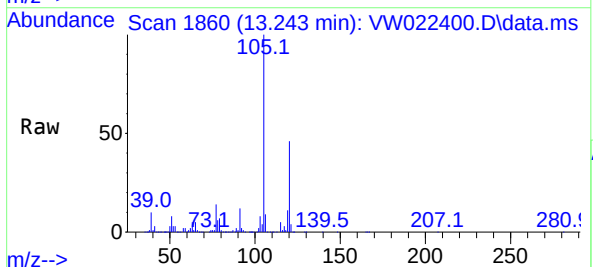
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

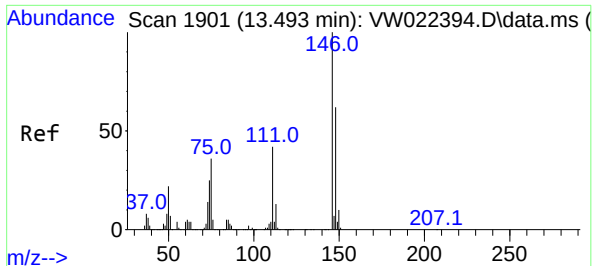
Tgt Ion:105 Resp: 161779
Ion Ratio Lower Upper
105 100
120 48.4 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 19.839 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:105 Resp: 245391
Ion Ratio Lower Upper
105 100
120 47.1 39.2 58.8

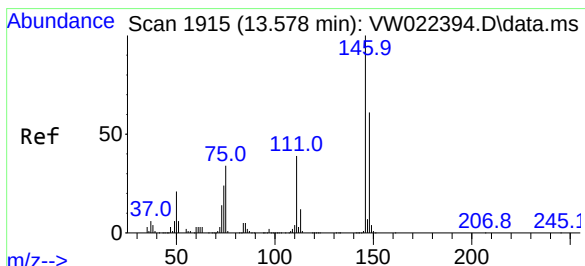
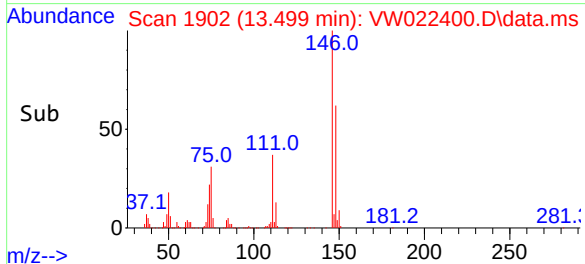
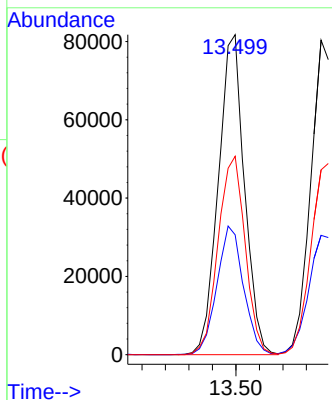
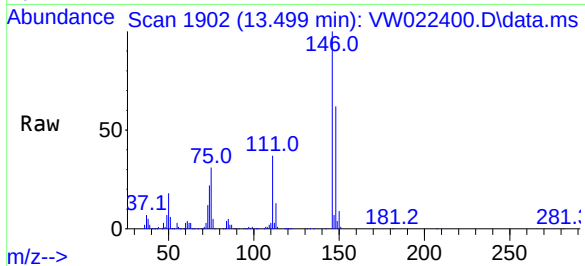




#64
1,3-Dichlorobenzene
Concen: 21.615 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

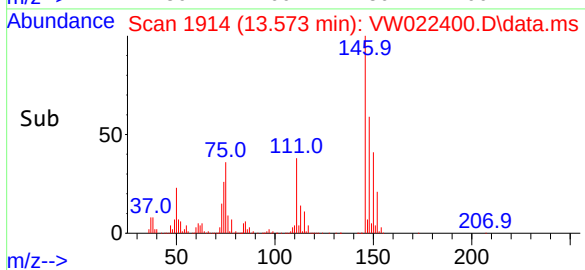
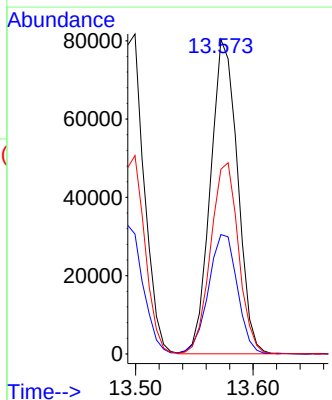
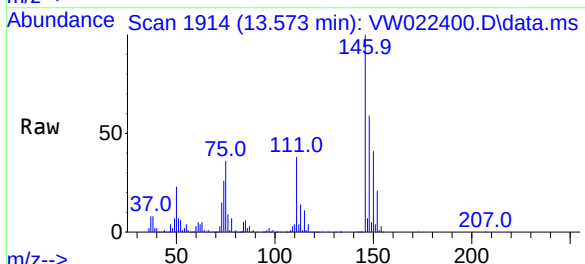
Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

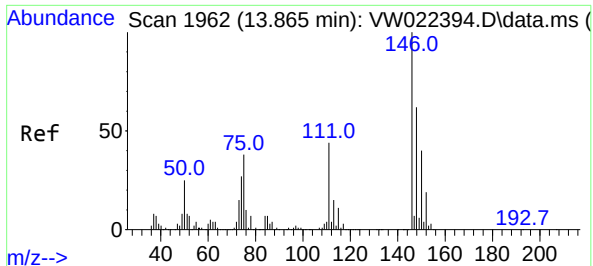
Tgt Ion:146 Resp: 126626
Ion Ratio Lower Upper
146 100
111 37.5 26.9 49.9
148 62.0 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 20.950 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:146 Resp: 128790
Ion Ratio Lower Upper
146 100
111 37.9 27.5 51.1
148 58.8 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 22.196 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

EW6K7MSD

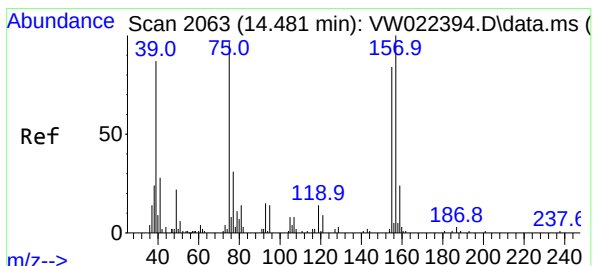
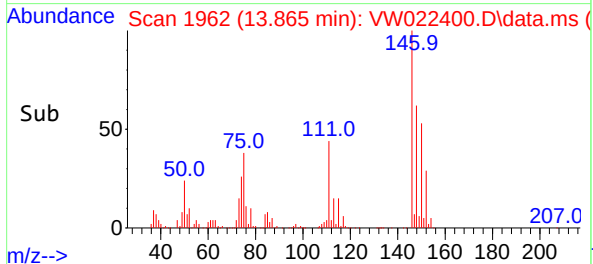
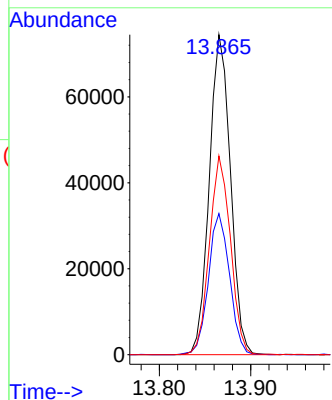
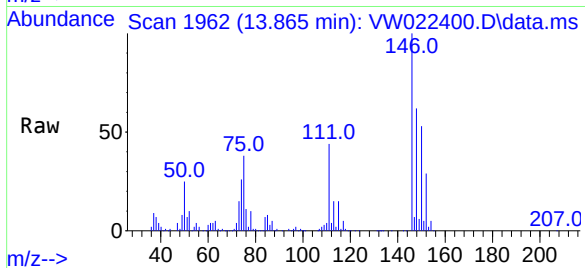
Tgt Ion:146 Resp: 119629

Ion Ratio Lower Upper

146 100

111 44.1 34.8 52.2

148 62.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.412 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

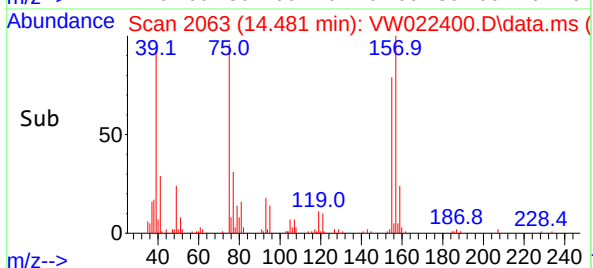
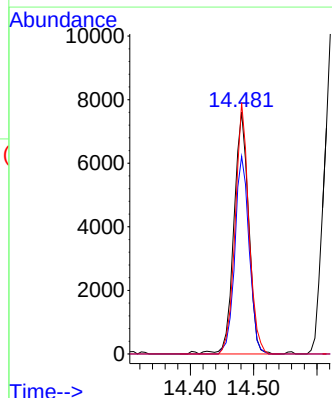
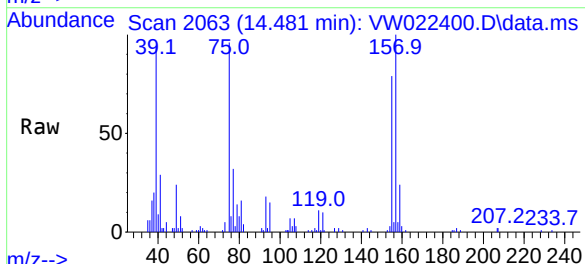
Tgt Ion: 75 Resp: 12352

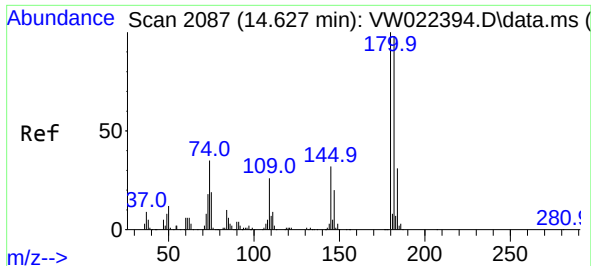
Ion Ratio Lower Upper

75 100

155 81.7 58.2 87.2

157 103.9 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 18.814 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022400.D

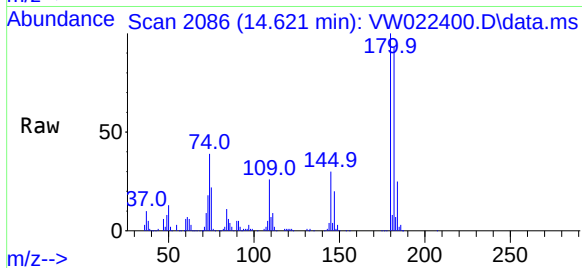
Acq: 05 Apr 2022 17:27

Instrument :

MSVOA_W

ClientSampleId :

EW6K7MSD



Tgt Ion:180 Resp: 74651

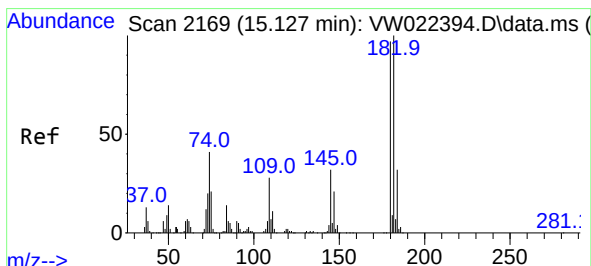
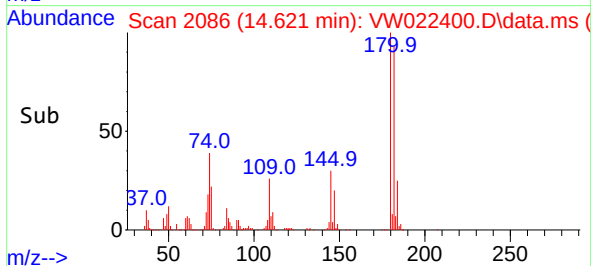
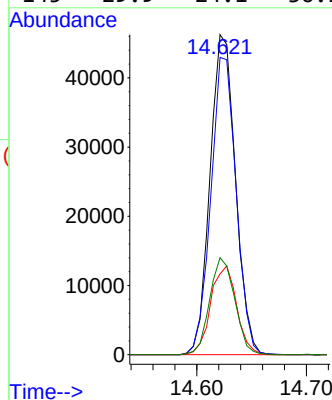
Ion Ratio Lower Upper

180 100

182 92.4 69.4 104.0

184 28.3 21.8 32.8

145 29.9 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 17.959 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022400.D

Acq: 05 Apr 2022 17:27

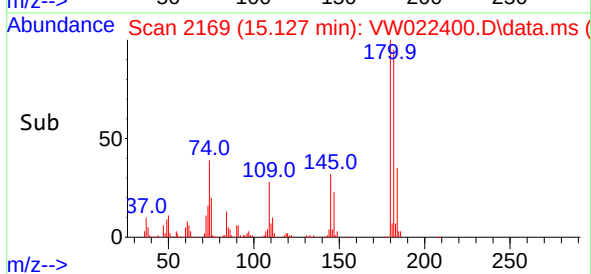
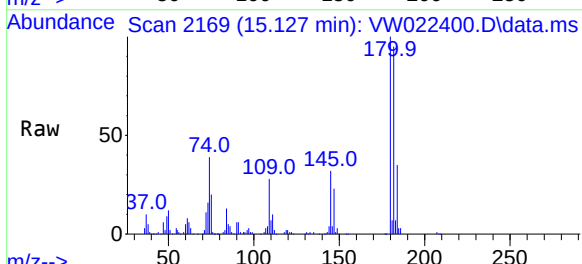
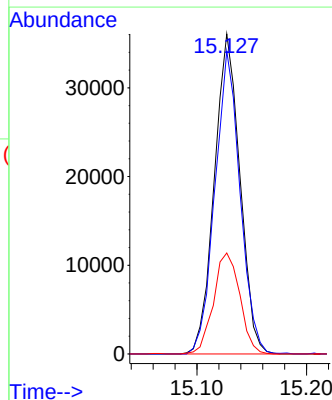
Tgt Ion:180 Resp: 58424

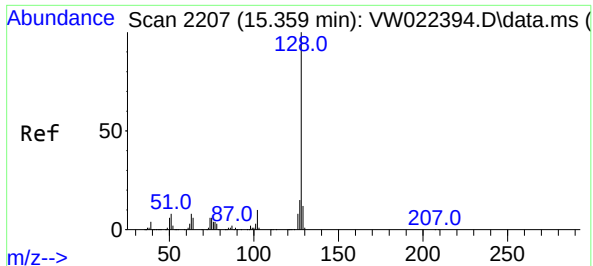
Ion Ratio Lower Upper

180 100

182 93.0 77.8 116.6

145 32.4 25.8 38.6

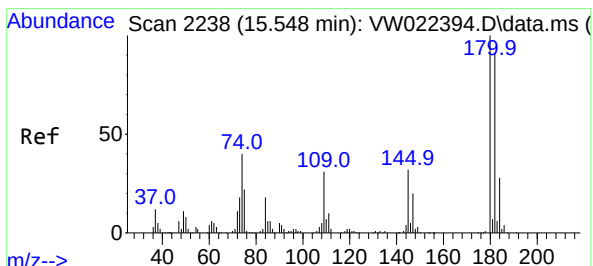
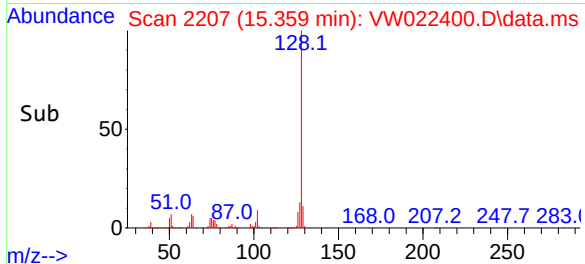
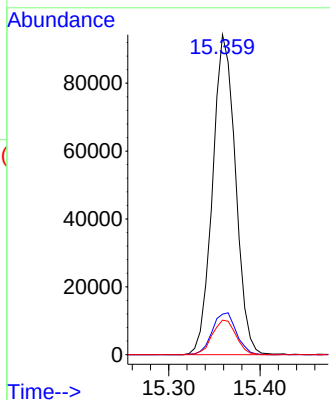
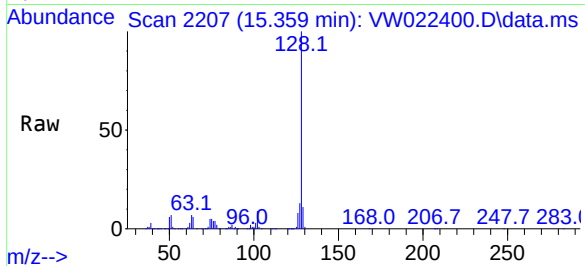




#71
Naphthalene
Concen: 21.800 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Instrument :
MSVOA_W
ClientSampleId :
EW6K7MSD

Tgt Ion:	128	Resp:	164408
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: 19.093 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022400.D
Acq: 05 Apr 2022 17:27

Tgt Ion:	180	Resp:	54403
Ion	Ratio	Lower	Upper
180	100		
182	92.5	79.0	118.4
145	33.7	28.0	42.0

