

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022508.D
 Acq On : 12 Apr 2022 15:34
 Operator : SY/VA
 Sample : N2316-23MS
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNS0MS

Quant Time: Apr 12 23:33:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	379860	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	378969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209965	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137792	16.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.640%
7) Chloroethane-d5	2.885	69	97603	18.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	4.025	63	208391	19.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.520%
21) 2-Butanone-d5	7.080	46	84622	57.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.440%
24) Chloroform-d	7.647	84	280868	23.656	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	8.305	65	156139	23.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.080%
32) Benzene-d6	8.275	84	485069	20.950	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	9.274	67	152296	22.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	10.323	98	464225	20.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	10.579	79	67803	21.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.760%
47) 2-Hexanone-d5	10.920	63	74176	59.502	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	156466	27.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	186026	25.014	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	47243	25.371	ug/L	100
3) Chloromethane	2.221	50	74986	16.152	ug/L	99
5) Vinyl chloride	2.367	62	194828	20.112	ug/L	98
6) Bromomethane	2.782	94	111976	19.015	ug/L	95
8) Chloroethane	2.922	64	84521	19.929	ug/L	100
9) Trichlorofluoromethane	3.257	101	84782	23.705	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	132614	23.286	ug/L	97
12) 1,1-Dichloroethene	4.038	96	122225	23.897	ug/L	96
13) Acetone	4.123	43	92697	92.863	ug/L	97
14) Carbon disulfide	4.391	76	351620	20.898	ug/L	99
15) Methyl Acetate	4.672	43	58226	23.244	ug/L	98
16) Methylene chloride	4.928	84	134899	23.601	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	137156	22.892	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	230279	23.533	ug/L #	87
19) 1,1-Dichloroethane	6.220	63	240269	21.978	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	150447	23.775	ug/L #	88
22) 2-Butanone	7.171	43	91819	60.903	ug/L	96
23) Bromochloromethane	7.513	128	68286	25.074	ug/L	92
25) Chloroform	7.677	83	267708	23.250	ug/L	99

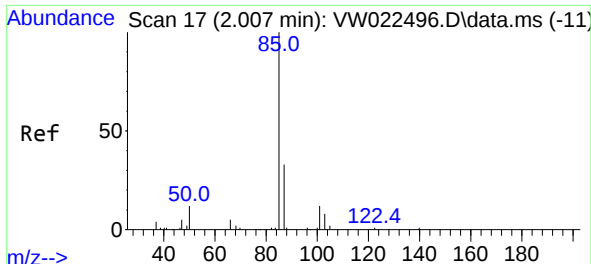
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	180740	22.333	ug/L	96
29) Cyclohexane	7.958	56	216397	19.951	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	227321	21.624	ug/L	98
31) Carbon tetrachloride	8.067	117	208868	22.137	ug/L	99
33) Benzene	8.323	78	1263003	49.088	ug/L	100
34) Trichloroethene	9.092	95	155716	22.603	ug/L	97
35) Methylcyclohexane	9.335	83	252885	20.460	ug/L	96
37) 1,2-Dichloropropane	9.366	63	136220	22.100	ug/L	99
38) Bromodichloromethane	9.646	83	198224	22.363	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	220894	22.584	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	184116	48.945	ug/L	95
42) Toluene	10.384	91	751079	25.475	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	197853	22.591	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	113007	24.022	ug/L	98
46) Tetrachloroethene	10.860	164	118273	23.355	ug/L	92
48) 2-Hexanone	10.969	43	147296	55.503	ug/L #	96
49) Dibromochloromethane	11.128	129	140645	25.068	ug/L	98
50) 1,2-Dibromoethane	11.231	107	115165	24.792	ug/L	95
51) Chlorobenzene	11.658	112	2272840	126.150	ug/L	94
52) Ethylbenzene	11.731	91	744033	22.514	ug/L	98
53) m,p-Xylene	11.835	106	301189	23.970	ug/L	95
54) o-Xylene	12.164	106	286356	23.848	ug/L	96
55) Styrene	12.176	104	479234	23.360	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	141769	24.553	ug/L	97
59) Bromoform	12.347	173	73725	23.630	ug/L	98
60) Isopropylbenzene	12.463	105	772513	22.149	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105691	23.664	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	429878	22.411	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	650834	22.313	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	313089	22.118	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	321249	22.756	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	311503	24.606	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.475	75	35650	34.416	ug/L	84
69) 1,3,5-Trichlorobenzene	14.627	180	210693	22.813	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	176373	22.739	ug/L	95
71) Naphthalene	15.359	128	393994	24.083	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	157000	23.680	ug/L	99

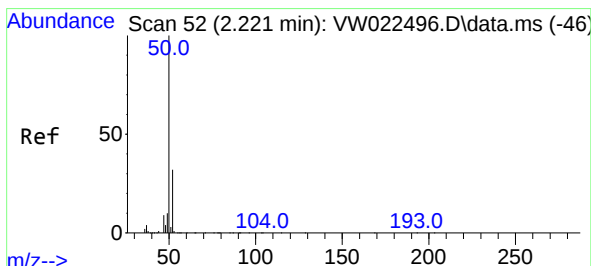
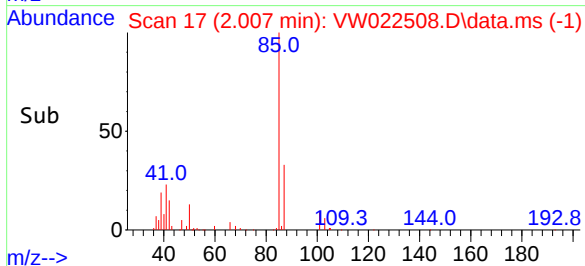
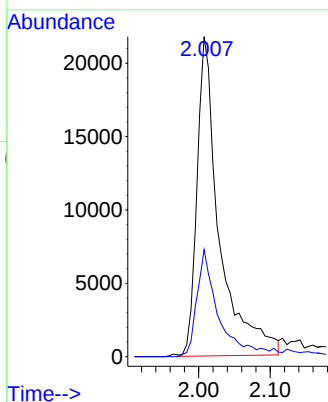
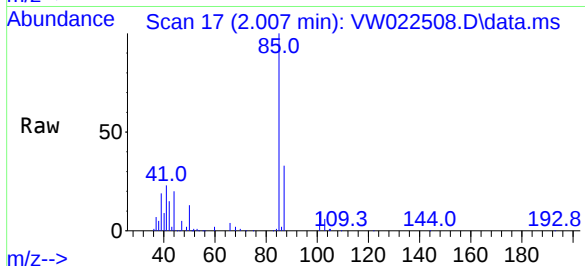
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 25.371 ug/L
RT: 2.007 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

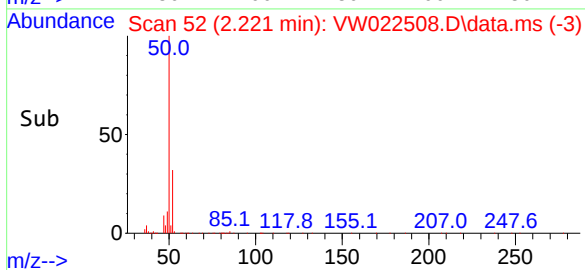
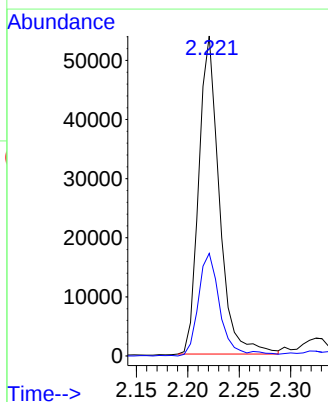
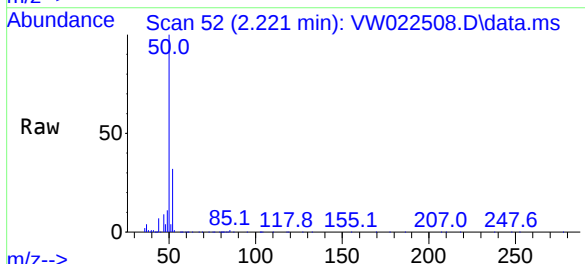
Instrument :
MSVOA_W
ClientSampleId :
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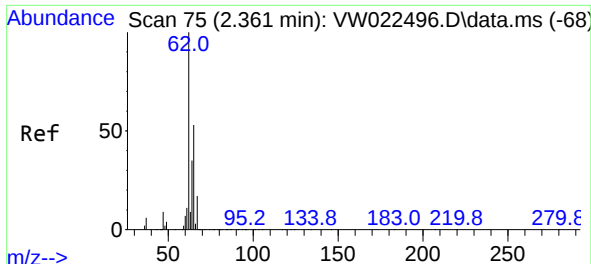
Tgt Ion: 85 Resp: 47243
Ion Ratio Lower Upper
85 100
87 29.7 23.7 35.5



#3
Chloromethane
Concen: 16.152 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 50 Resp: 74986
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.6

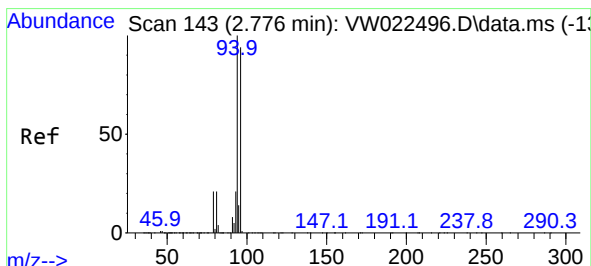
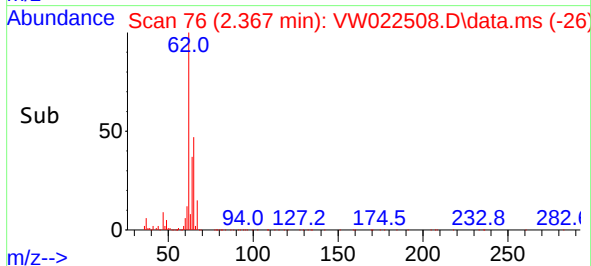
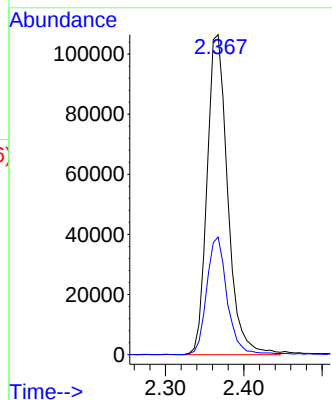
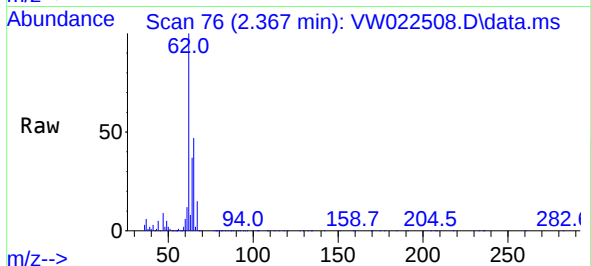




#5
 Vinyl chloride
 Concen: 20.112 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW022508.D
 Acq: 12 Apr 2022 15:34

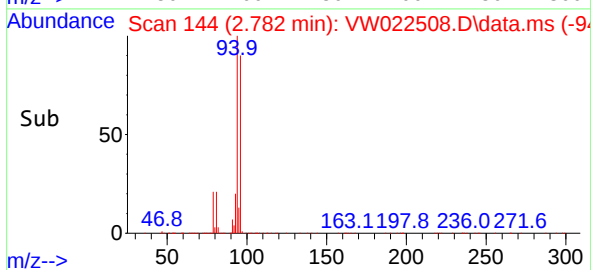
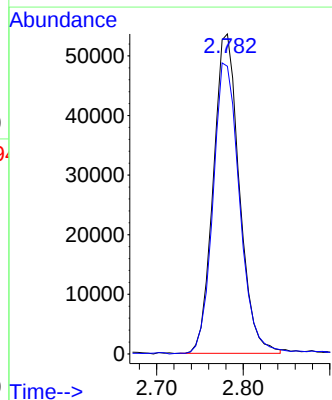
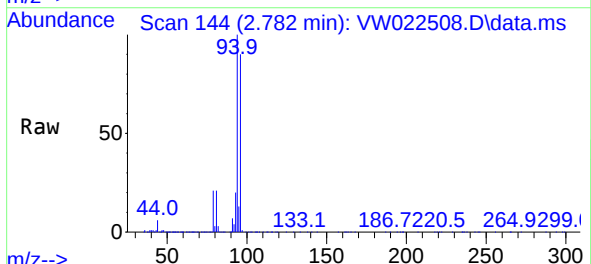
Instrument :
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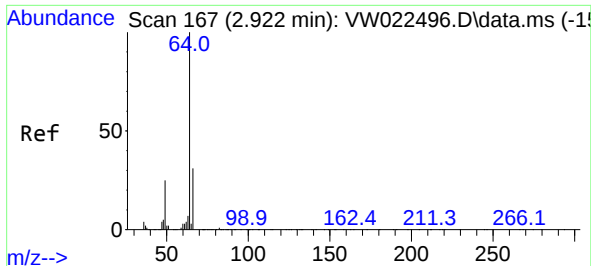
Tgt Ion: 62 Resp: 194828
 Ion Ratio Lower Upper
 62 100
 64 36.8 26.5 49.3



#6
 Bromomethane
 Concen: 19.015 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022508.D
 Acq: 12 Apr 2022 15:34

Tgt Ion: 94 Resp: 111976
 Ion Ratio Lower Upper
 94 100
 96 89.9 66.6 123.6

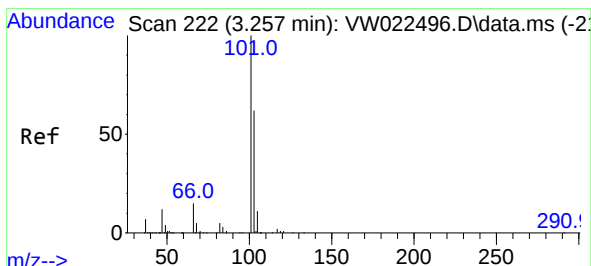
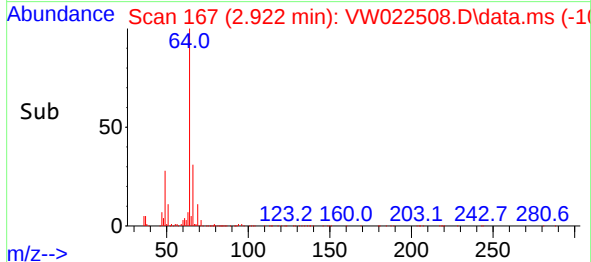
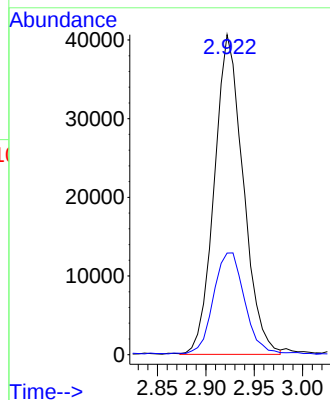
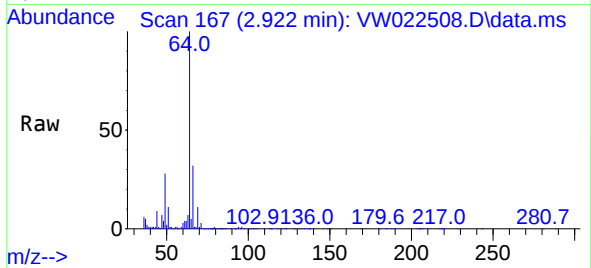




#8
Chloroethane
Concen: 19.929 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

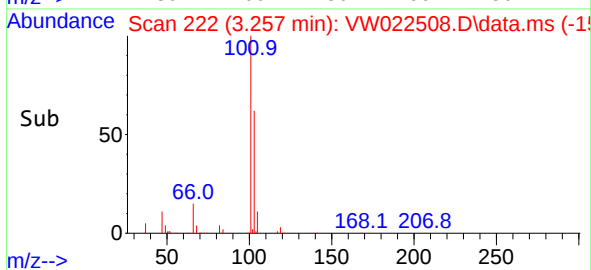
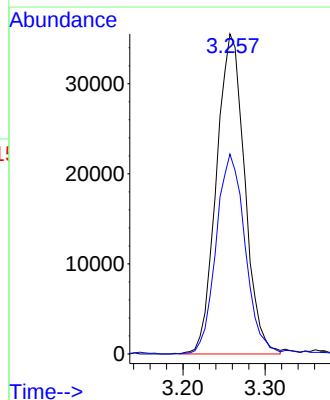
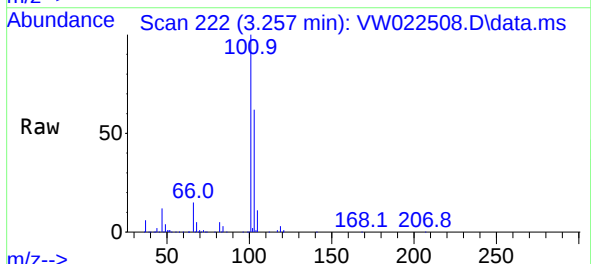
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ClientSampleId :
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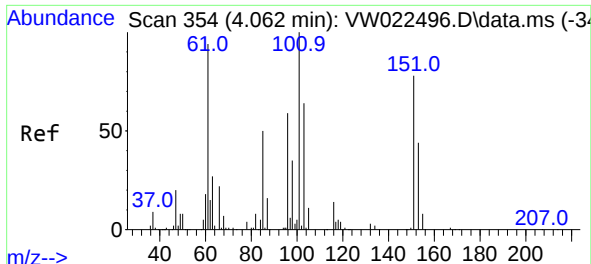
Tgt Ion: 64 Resp: 84521
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.705 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 101 Resp: 84782
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

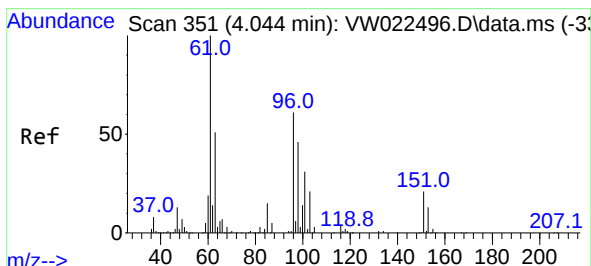
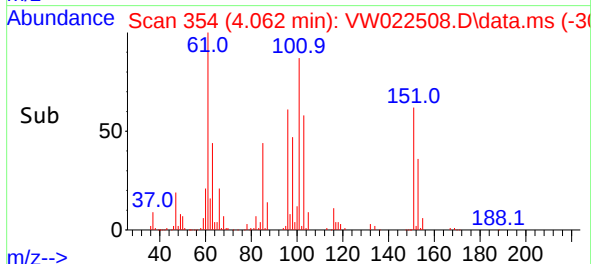
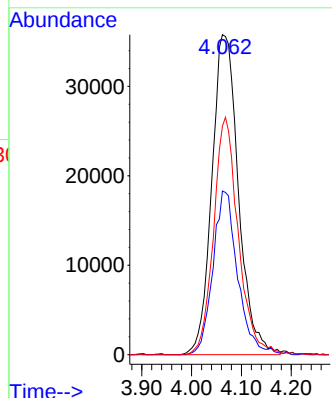
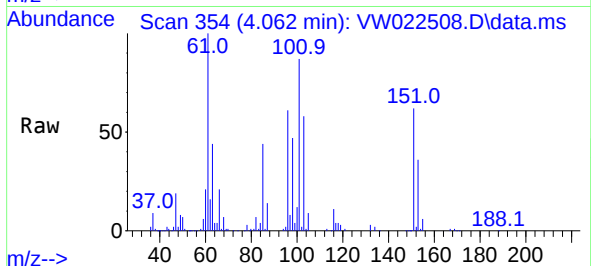




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.286 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022508.D
 Acq: 12 Apr 2022 15:34

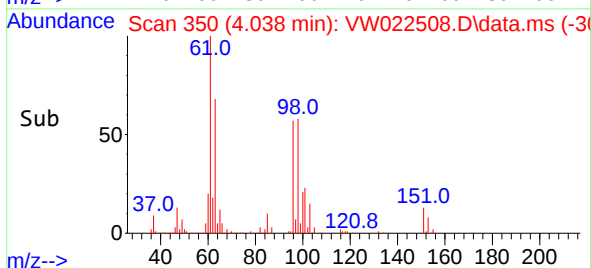
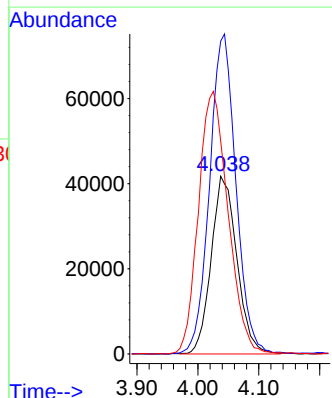
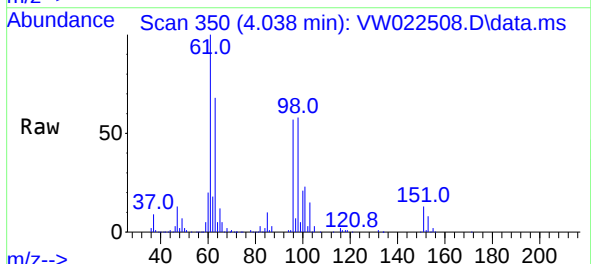
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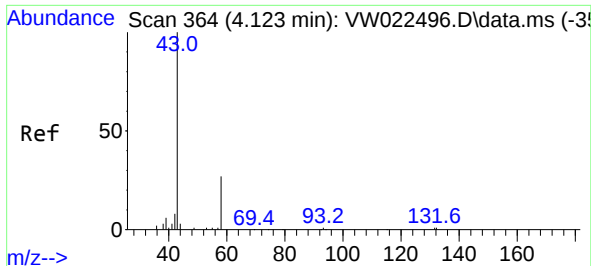
Tgt Ion:101 Resp: 132614
 Ion Ratio Lower Upper
 101 100
 85 46.9 39.2 58.8
 151 68.2 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 23.897 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022508.D
 Acq: 12 Apr 2022 15:34

Tgt Ion: 96 Resp: 122225
 Ion Ratio Lower Upper
 96 100
 61 175.9 128.0 237.6
 63 119.7 86.6 160.8

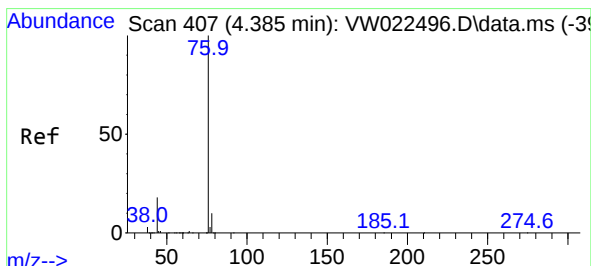
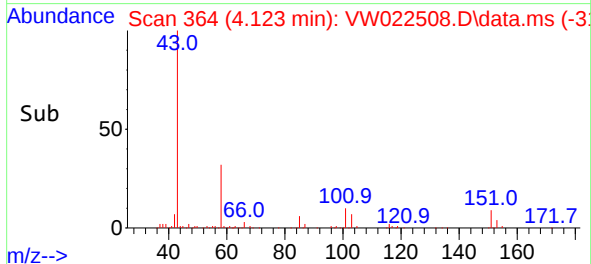
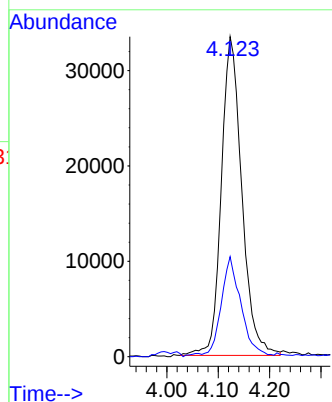
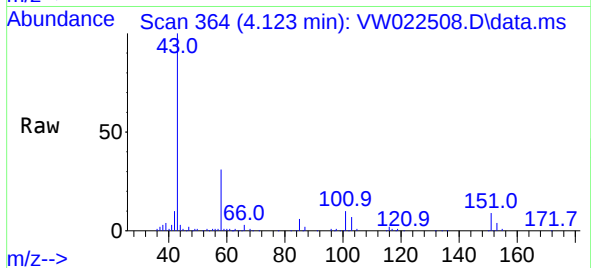




#13
Acetone
Concen: 92.863 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

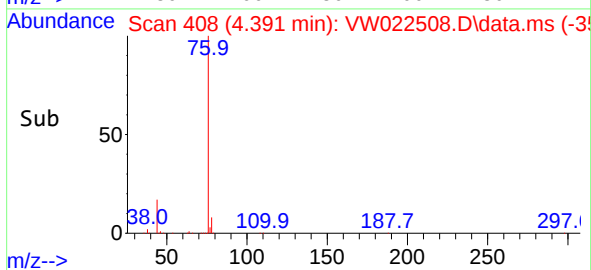
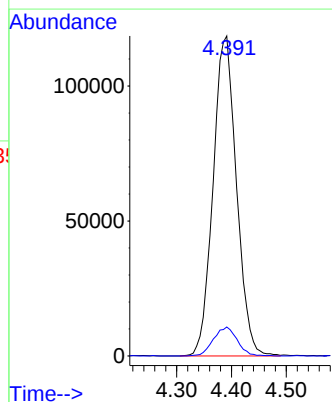
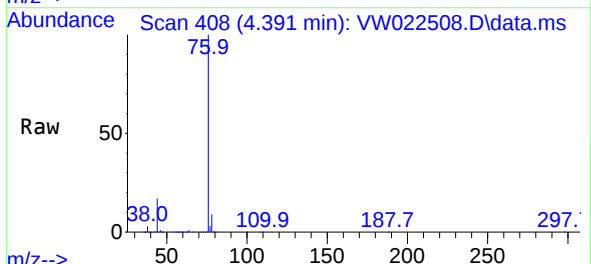
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MSVOA_W
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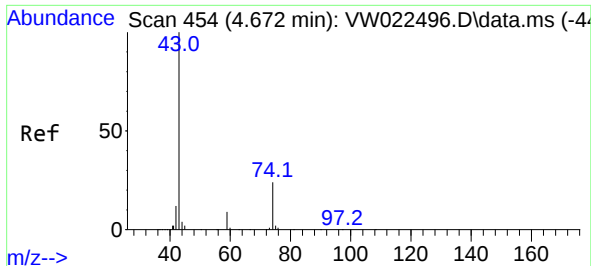
Tgt Ion: 43 Resp: 92697
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.0



#14
Carbon disulfide
Concen: 20.898 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 76 Resp: 351620
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

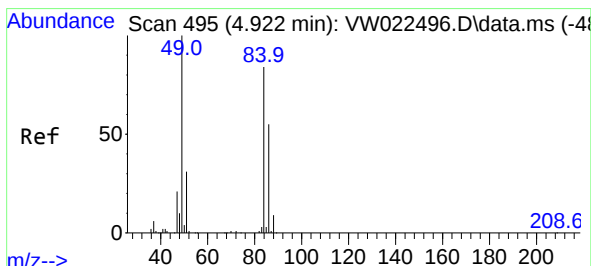
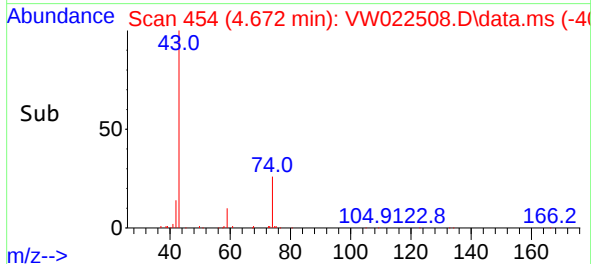
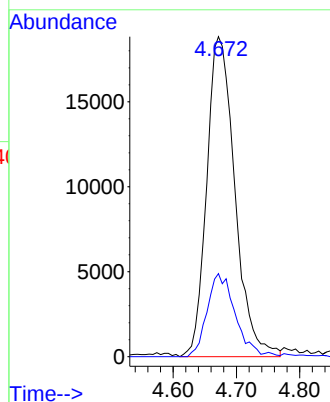
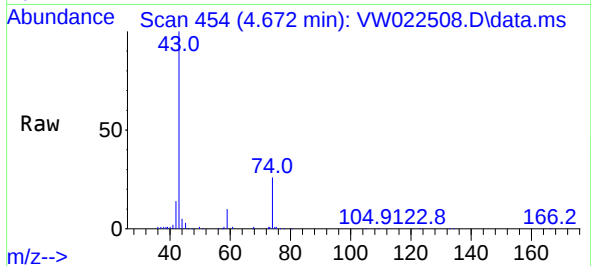




#15
Methyl Acetate
Concen: 23.244 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

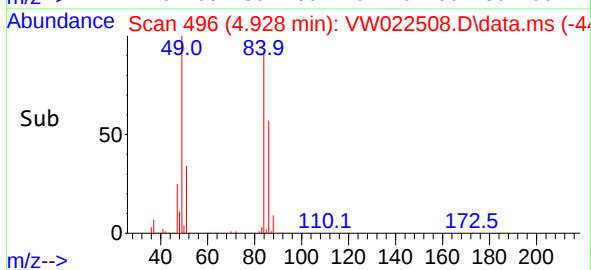
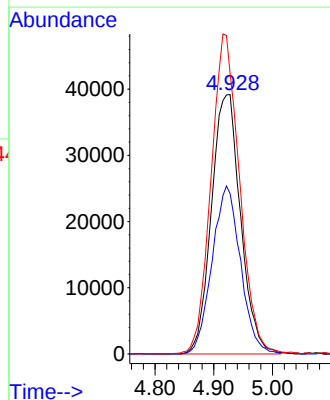
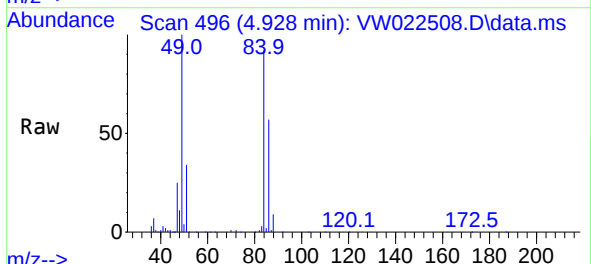
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

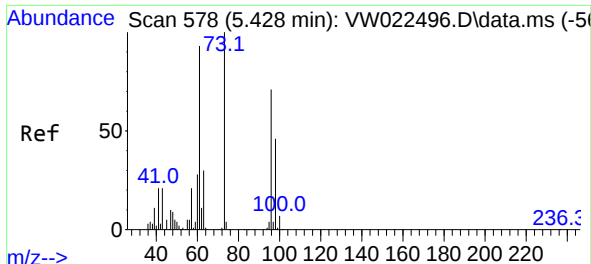
Tgt Ion: 43 Resp: 58226
Ion Ratio Lower Upper
43 100
74 24.2 18.5 27.7



#16
Methylene chloride
Concen: 23.601 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 84 Resp: 134899
Ion Ratio Lower Upper
84 100
86 61.8 42.8 79.4
49 108.1 94.2 175.0

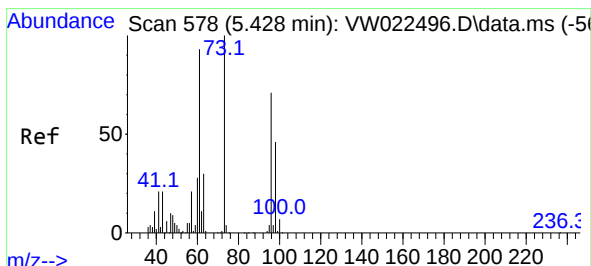
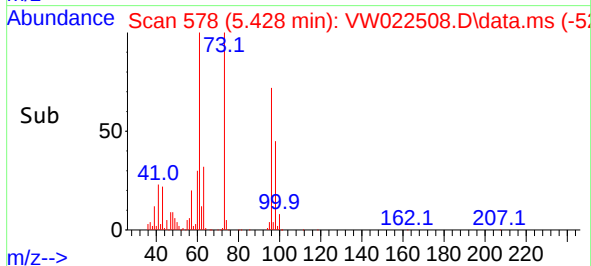
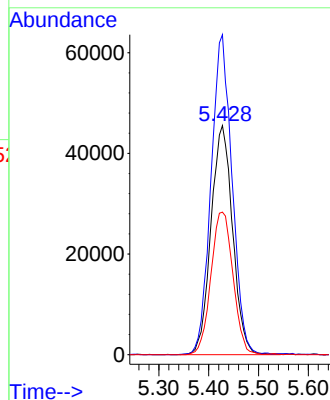
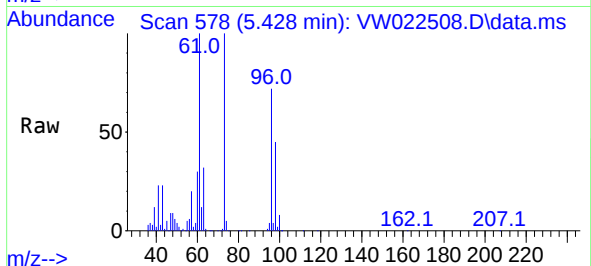




#17
trans-1,2-Dichloroethene
Concen: 22.892 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

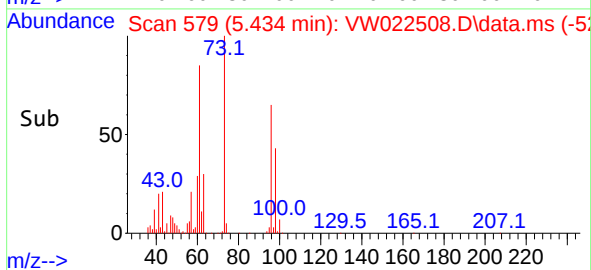
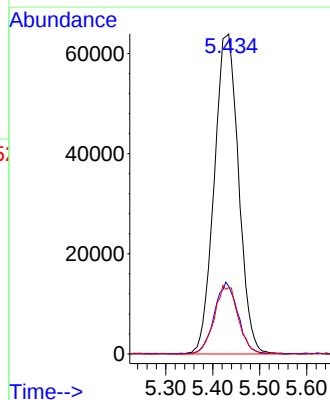
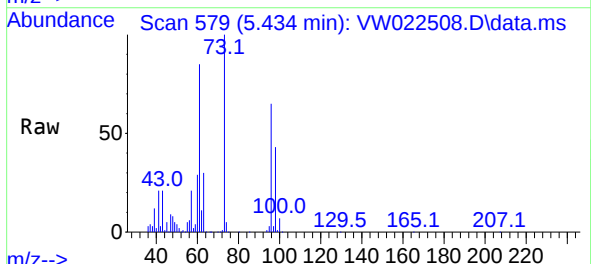
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

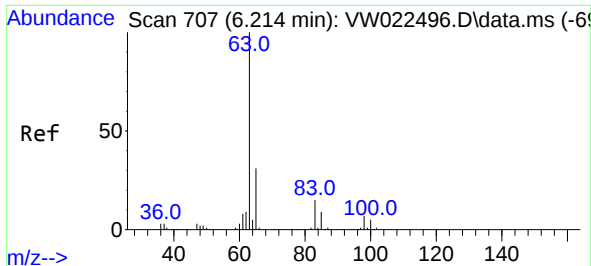
Tgt Ion: 96 Resp: 137156
Ion Ratio Lower Upper
96 100
61 139.7 99.8 185.4
98 62.2 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.533 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 73 Resp: 230279
Ion Ratio Lower Upper
73 100
43 21.5 18.8 28.2
57 11.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 21.978 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MS

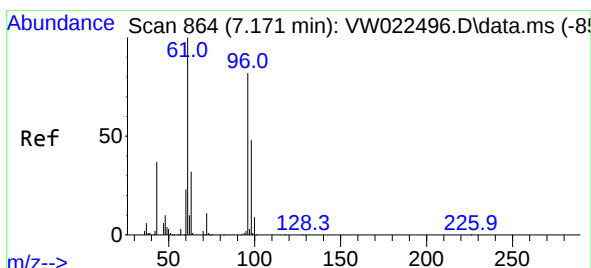
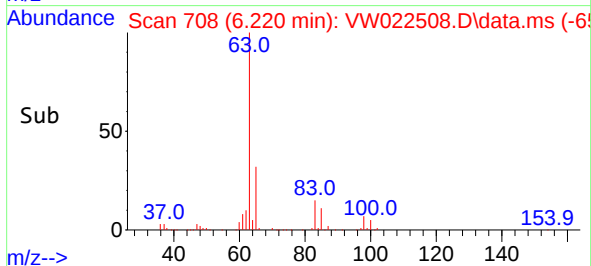
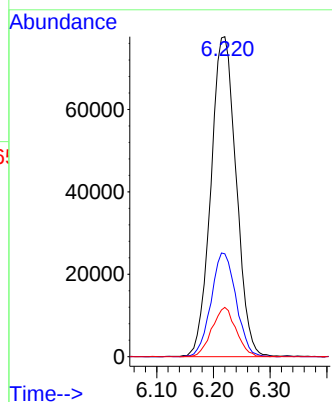
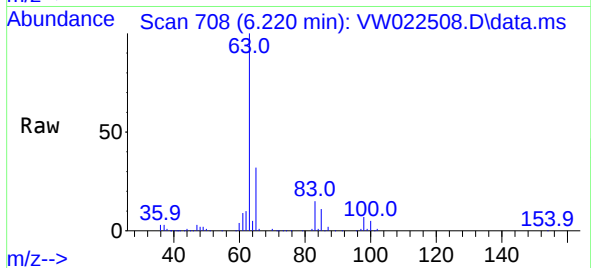
Tgt Ion: 63 Resp: 240269

Ion Ratio Lower Upper

63 100

65 32.1 21.1 39.3

83 15.4 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 23.775 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

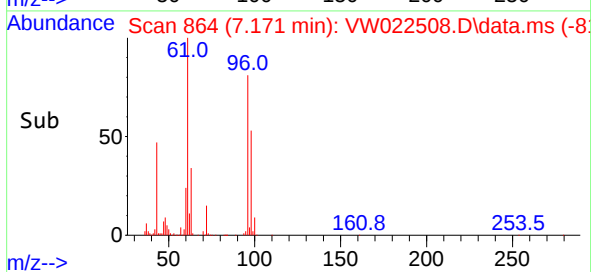
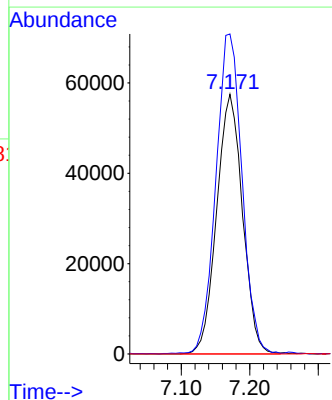
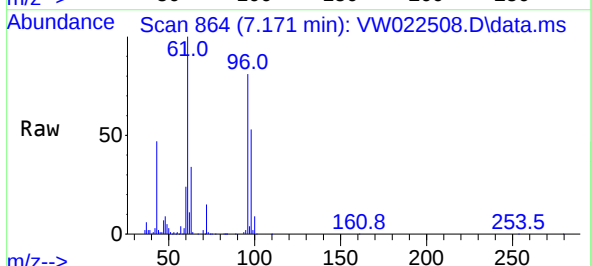
Tgt Ion: 96 Resp: 150447

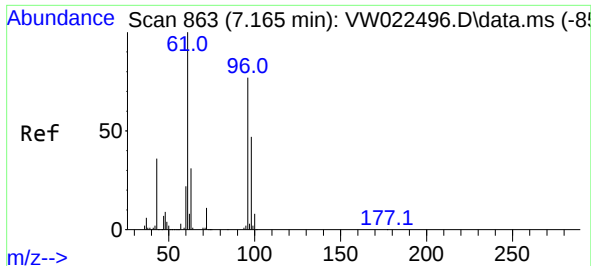
Ion Ratio Lower Upper

96 100

61 123.2 96.4 179.0

68 0.0 0.1 0.3

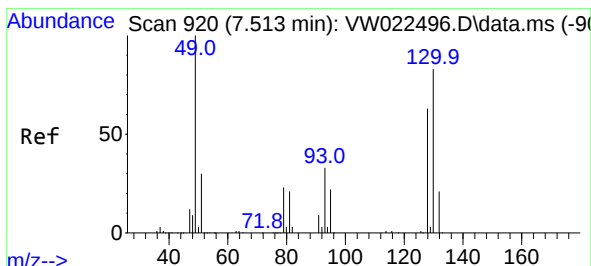
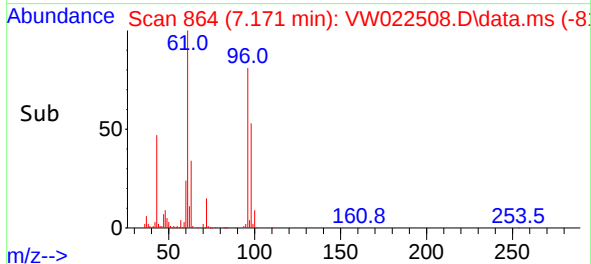
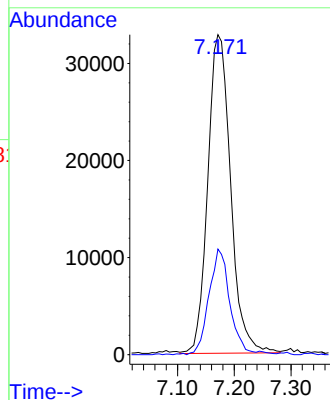
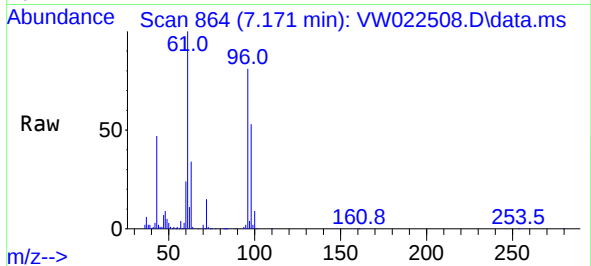




#22
2-Butanone
Concen: 60.903 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

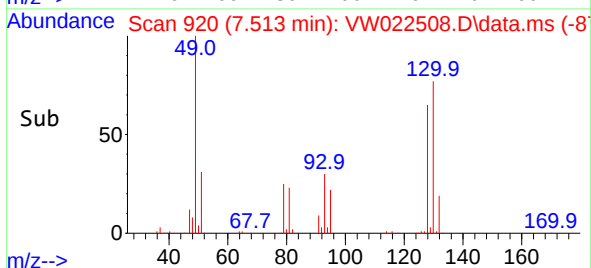
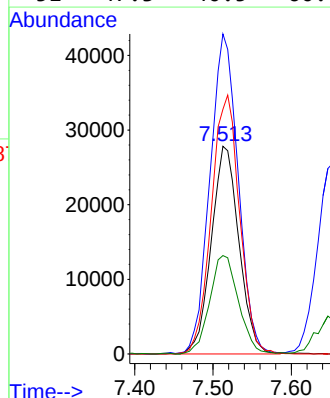
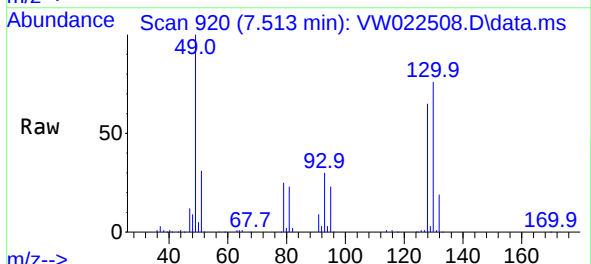
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

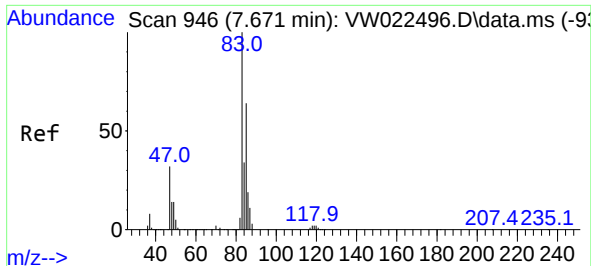
Tgt Ion: 43 Resp: 91819
Ion Ratio Lower Upper
43 100
72 30.2 14.0 42.0



#23
Bromochloromethane
Concen: 25.074 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 128 Resp: 68286
Ion Ratio Lower Upper
128 100
49 154.0 120.8 224.3
130 117.8 81.8 151.8
51 47.3 40.5 60.7

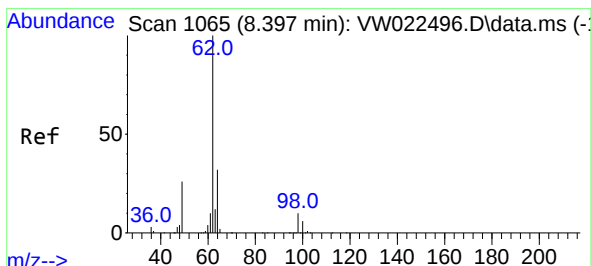
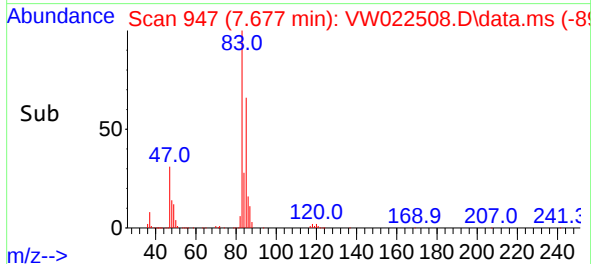
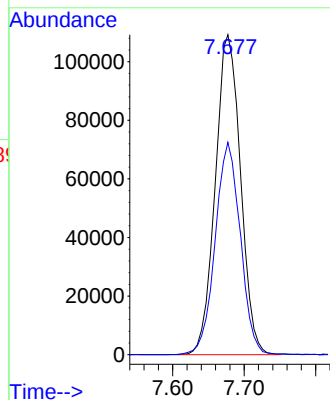
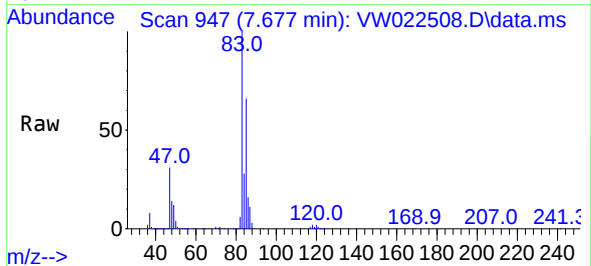




#25
Chloroform
Concen: 23.250 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

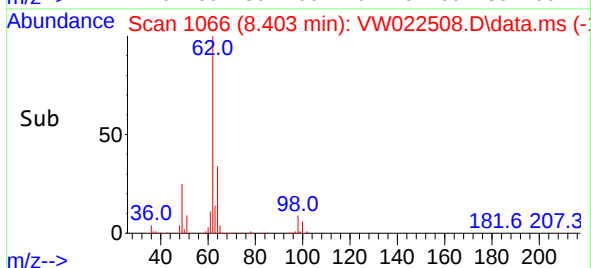
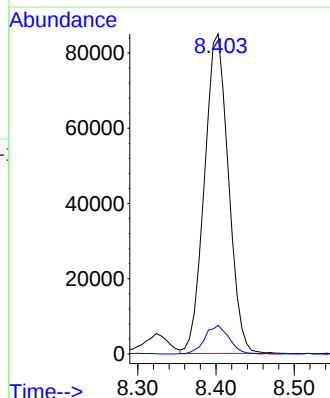
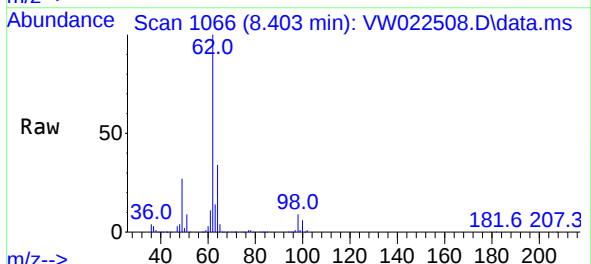
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

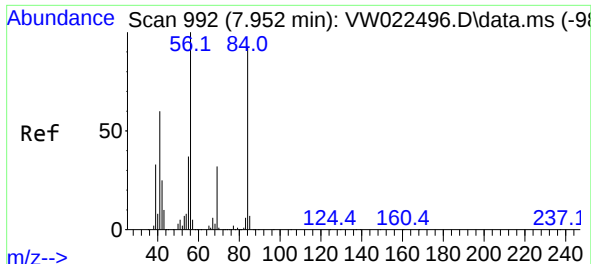
Tgt Ion: 83 Resp: 267708
Ion Ratio Lower Upper
83 100
85 66.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 22.333 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 62 Resp: 180740
Ion Ratio Lower Upper
62 100
98 8.9 6.2 9.2





#29

Cyclohexane

Concen: 19.951 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MS

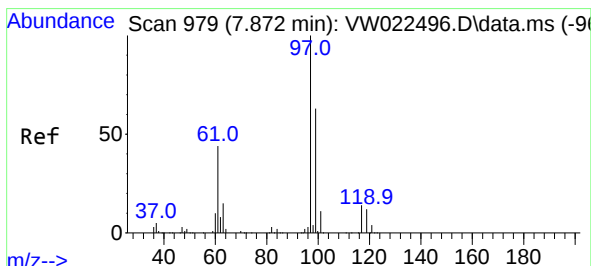
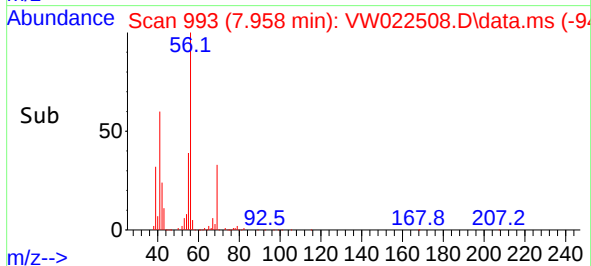
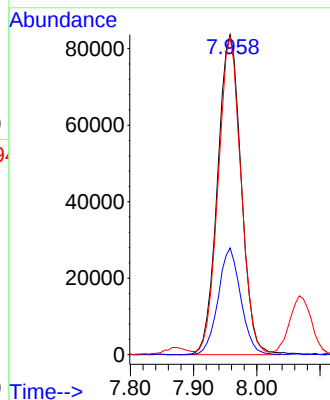
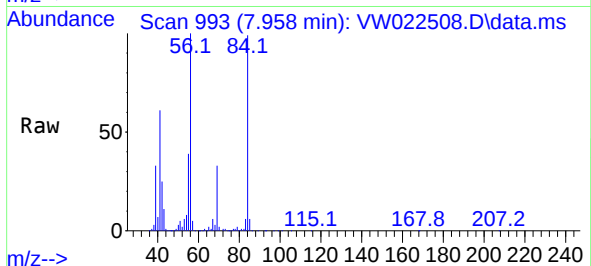
Tgt Ion: 56 Resp: 216397

Ion Ratio Lower Upper

56 100

69 31.9 24.4 36.6

84 95.9 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 21.624 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

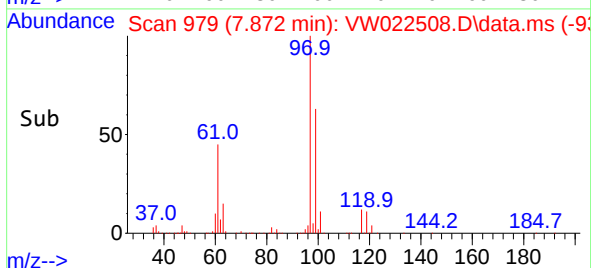
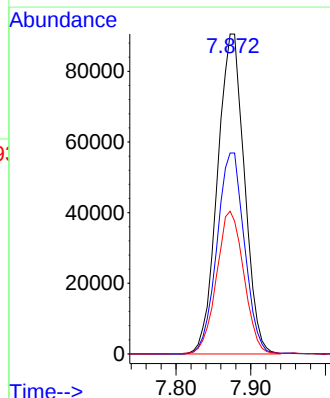
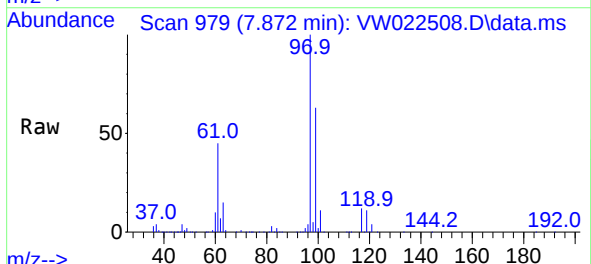
Tgt Ion: 97 Resp: 227321

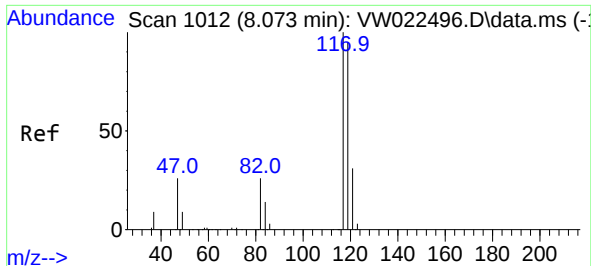
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 45.2 38.7 58.1

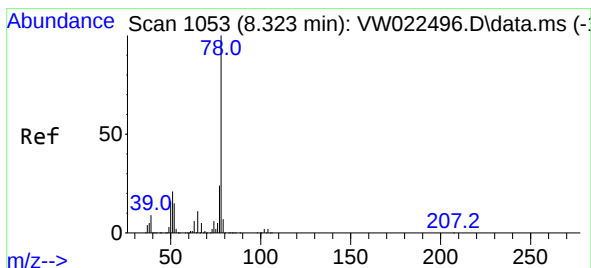
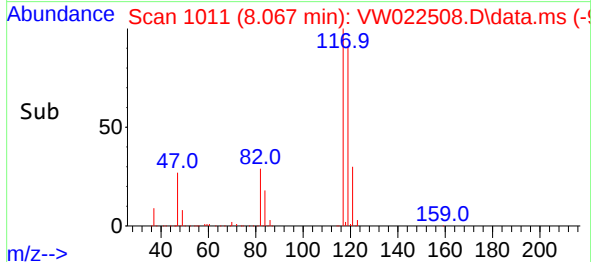
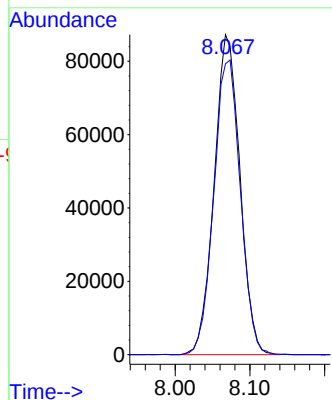
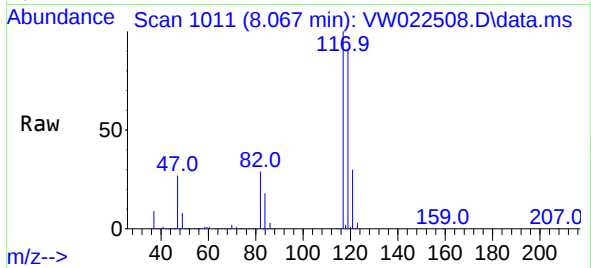




#31
Carbon tetrachloride
Concen: 22.137 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

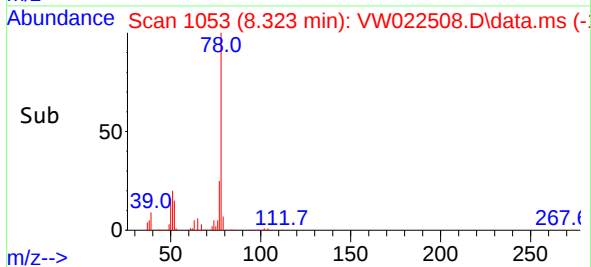
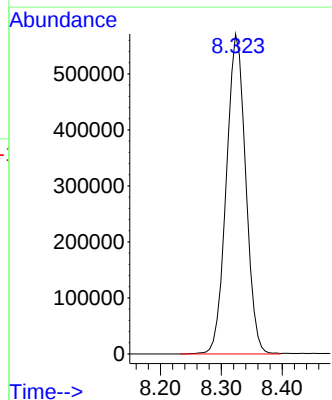
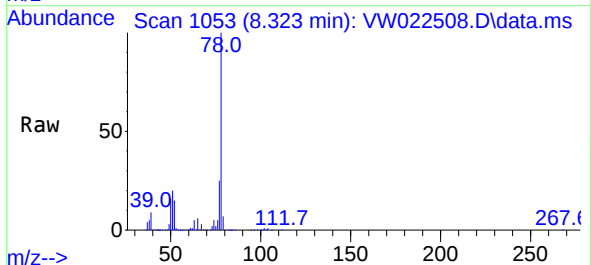
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

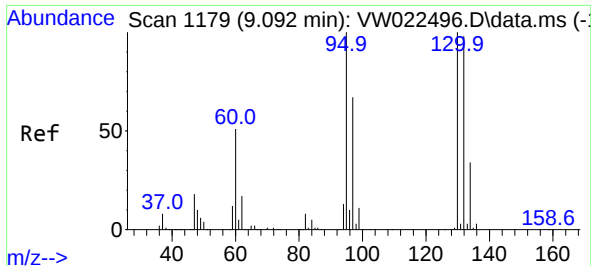
Tgt Ion:117 Resp: 208868
Ion Ratio Lower Upper
117 100
119 95.4 75.5 113.3



#33
Benzene
Concen: 49.088 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 78 Resp: 1263003



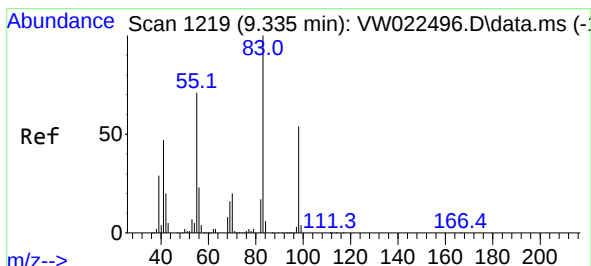
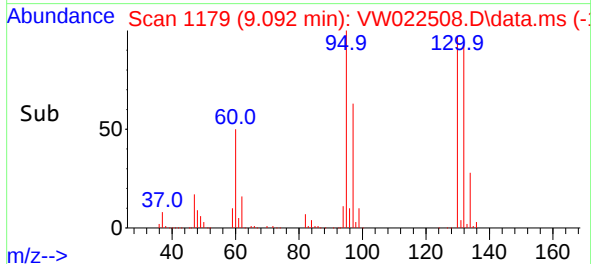
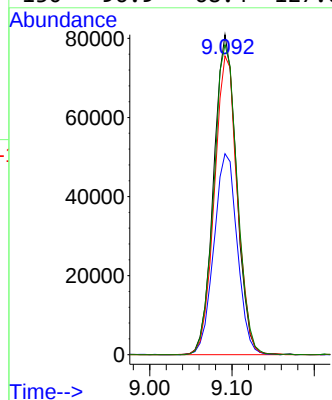
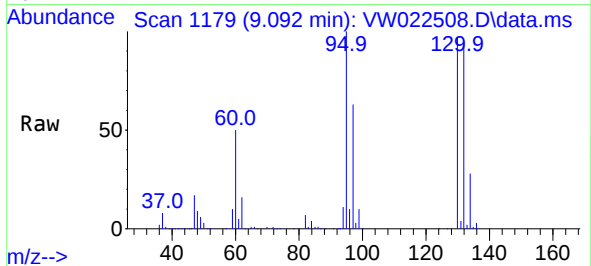


#34
Trichloroethene
Concen: 22.603 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

Tgt Ion: 95 Resp: 155716

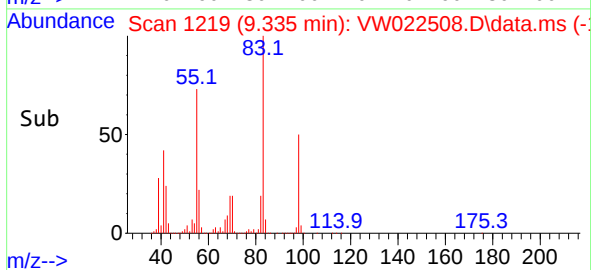
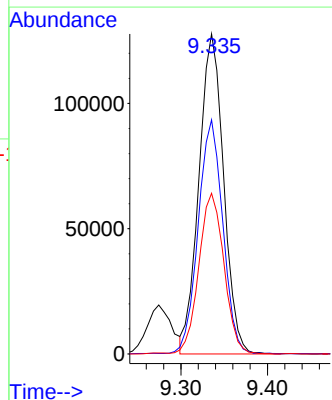
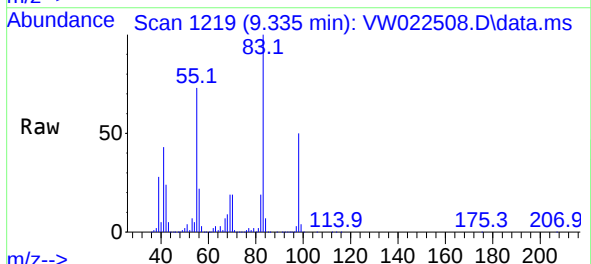
Ion	Ratio	Lower	Upper
95	100		
97	62.8	46.4	86.2
132	93.3	67.4	125.2
130	96.9	68.4	127.0

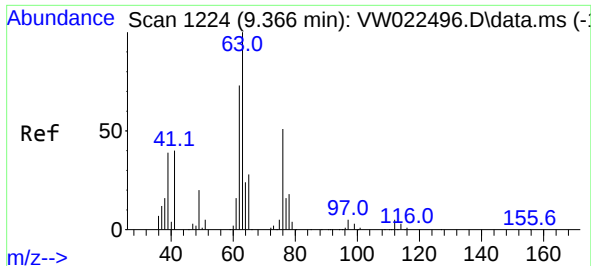


#35
Methylcyclohexane
Concen: 20.460 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 83 Resp: 252885

Ion	Ratio	Lower	Upper
83	100		
55	72.9	61.0	91.6
98	51.1	39.2	58.8





#37

1,2-Dichloropropane

Concen: 22.100 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Instrument :

MSVOA_W

ClientSampleId :

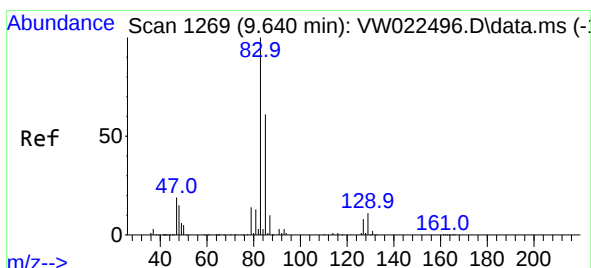
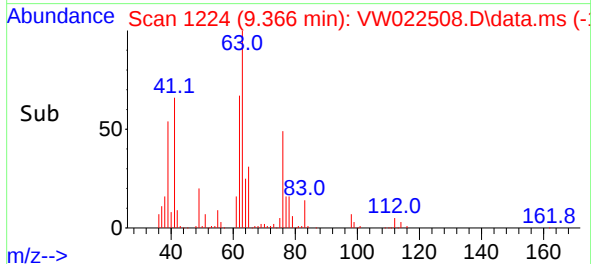
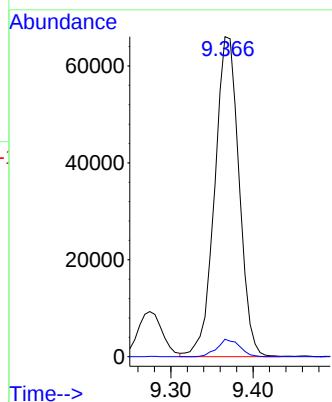
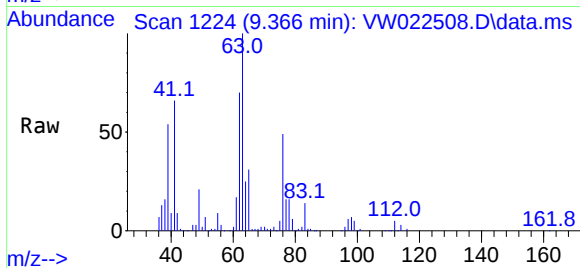
ETNS0MS

Tgt Ion: 63 Resp: 136220

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 22.363 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

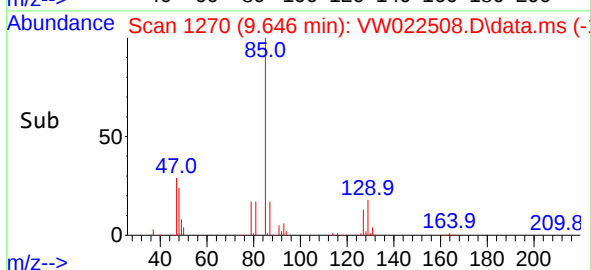
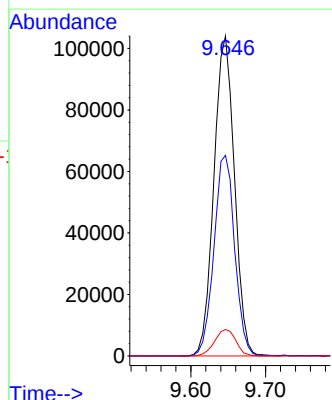
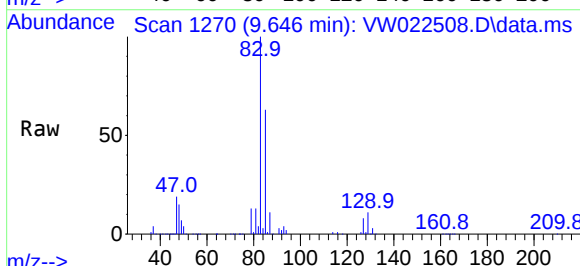
Tgt Ion: 83 Resp: 198224

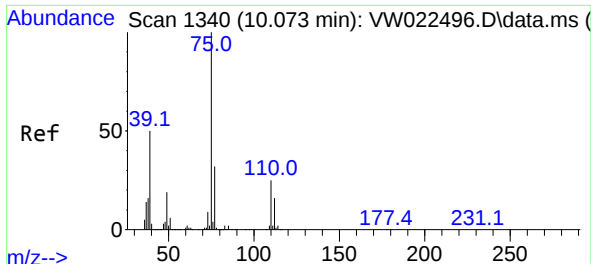
Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

127 8.2 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 22.584 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Instrument :

MSVOA_W

ClientSampleId :

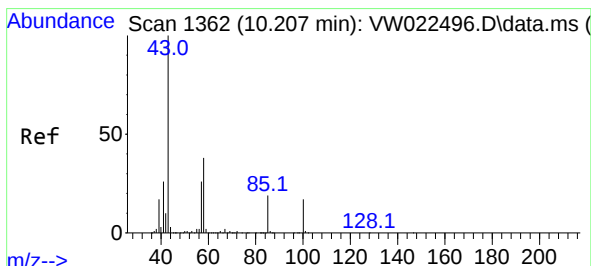
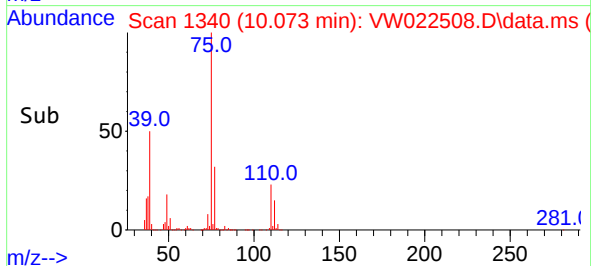
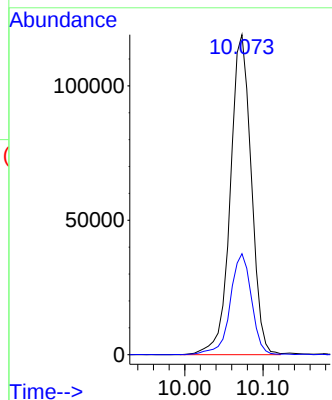
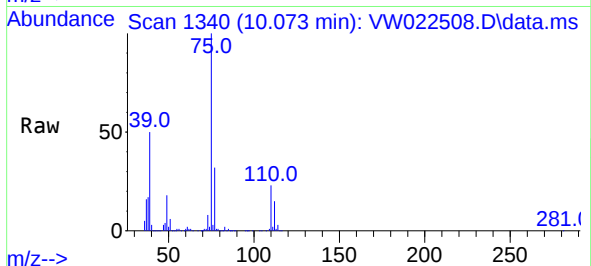
ETNS0MS

Tgt Ion: 75 Resp: 220894

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 48.945 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

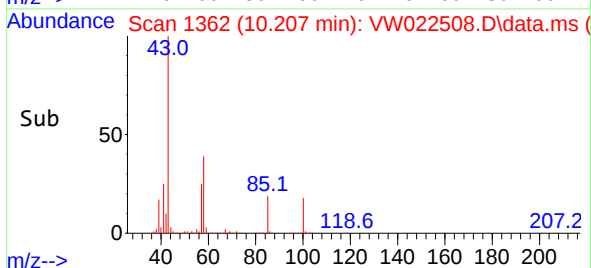
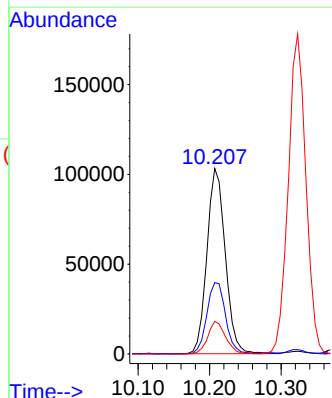
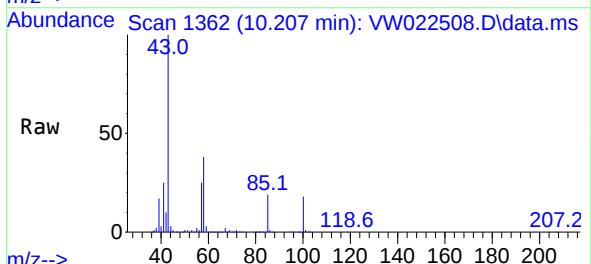
Tgt Ion: 43 Resp: 184116

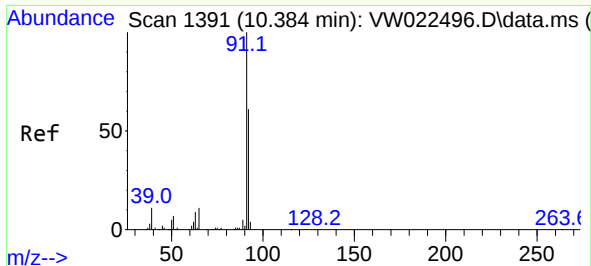
Ion Ratio Lower Upper

43 100

58 39.3 29.3 43.9

100 17.1 12.2 18.4

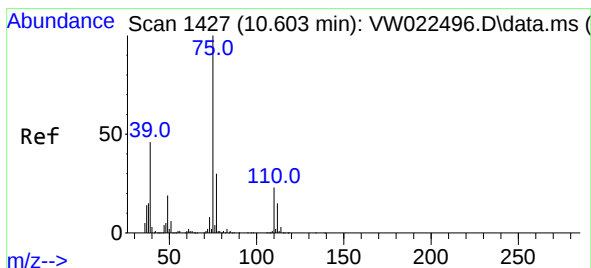
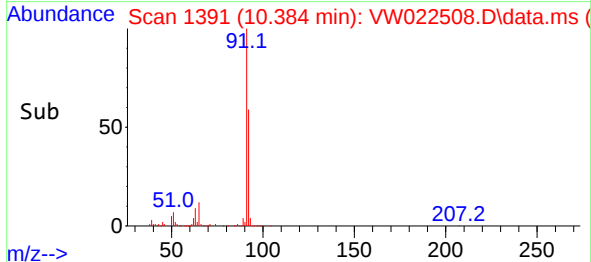
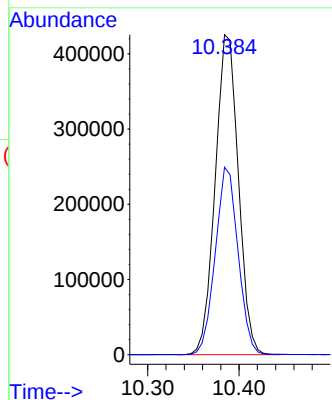
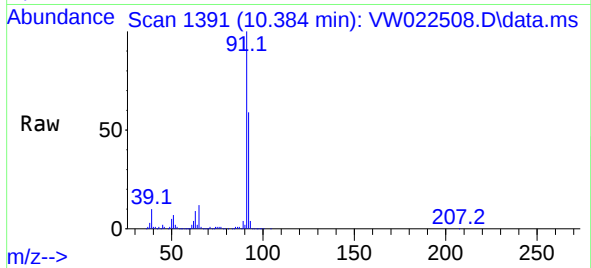




#42
Toluene
Concen: 25.475 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

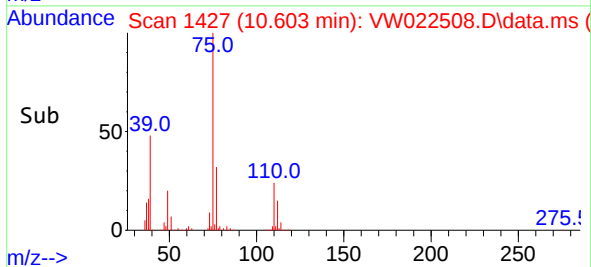
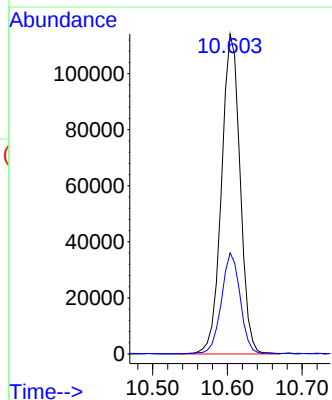
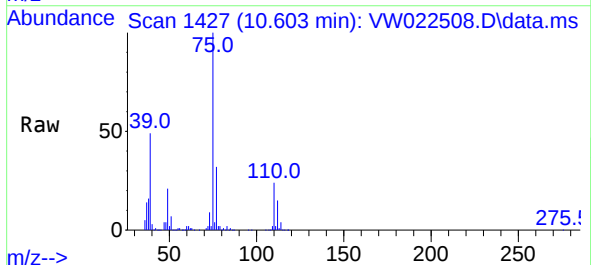
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

Tgt Ion: 91 Resp: 751079
Ion Ratio Lower Upper
91 100
92 58.6 38.0 70.6

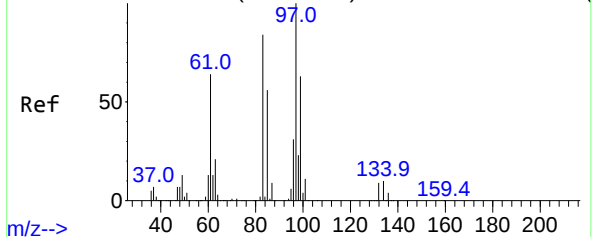


#44
trans-1,3-Dichloropropene
Concen: 22.591 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

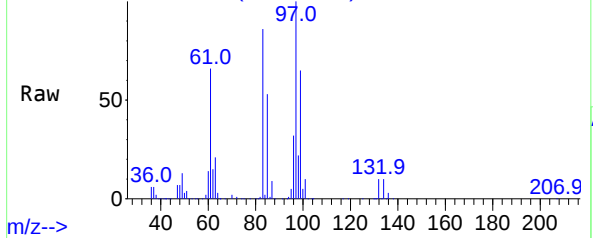
Tgt Ion: 75 Resp: 197853
Ion Ratio Lower Upper
75 100
77 31.6 21.3 39.6



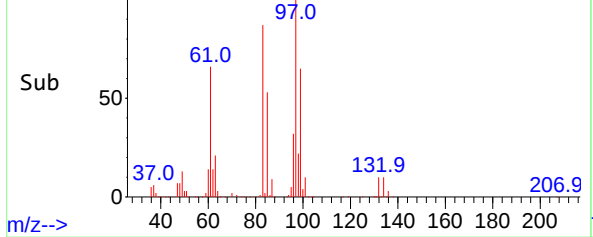
Abundance Scan 1457 (10.786 min): VW022496.D\data.ms (



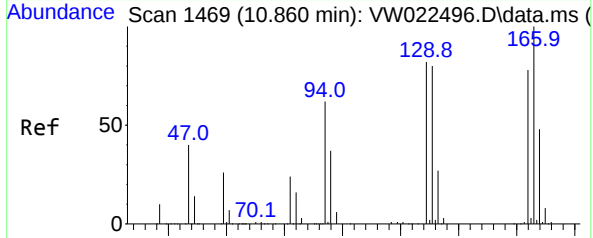
m/z--> Abundance Scan 1457 (10.786 min): VW022508.D\data.ms (



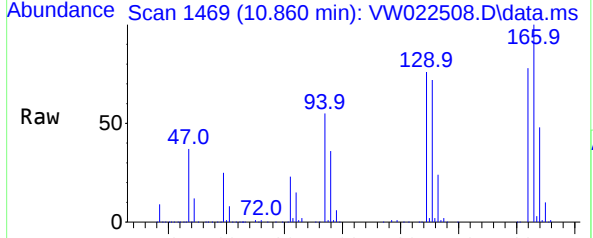
m/z--> Abundance Scan 1457 (10.786 min): VW022508.D\data.ms (



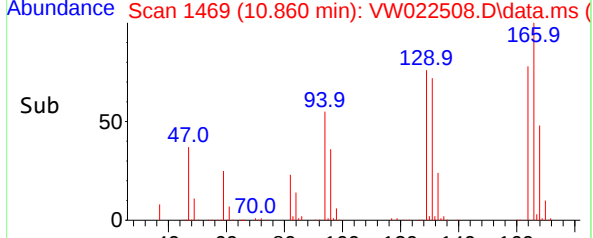
m/z--> Abundance Scan 1469 (10.860 min): VW022496.D\data.ms (



m/z--> Abundance Scan 1469 (10.860 min): VW022508.D\data.ms (



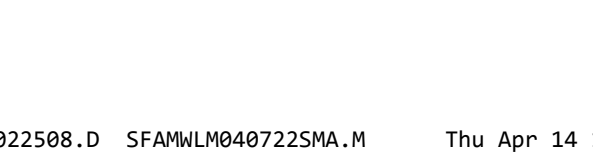
m/z--> Abundance Scan 1469 (10.860 min): VW022508.D\data.ms (



m/z--> Abundance Scan 1469 (10.860 min): VW022508.D\data.ms (

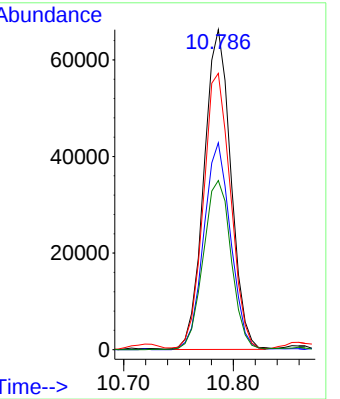


m/z--> Abundance Scan 1469 (10.860 min): VW022508.D\data.ms (



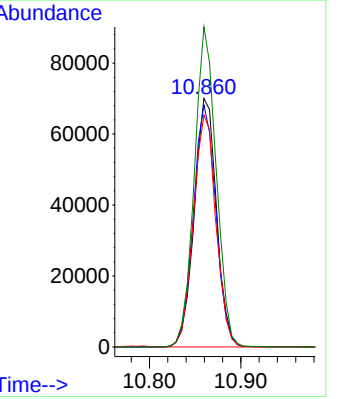
#45
1,1,2-Trichloroethane
Concen: 24.022 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

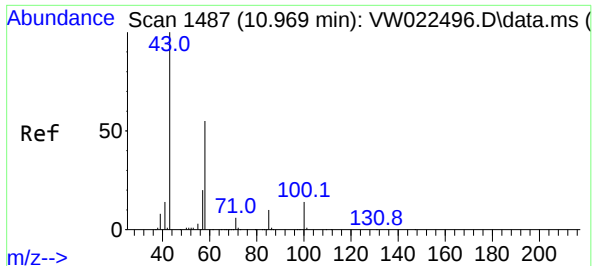
Tgt Ion: 97	Resp: 113007
Ion Ratio	Lower Upper
97	100
99	64.7 46.0 85.4
83	86.4 60.6 112.6
85	52.9 39.7 73.7



#46
Tetrachloroethene
Concen: 23.355 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 164	Resp: 118273
Ion Ratio	Lower Upper
164	100
129	97.4 74.1 137.7
131	93.3 71.4 132.6
166	128.8 95.9 178.1

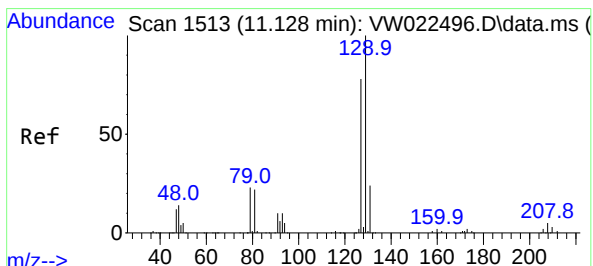
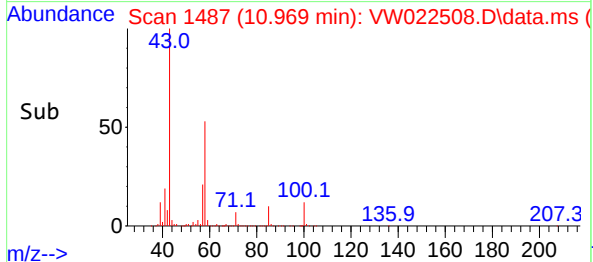
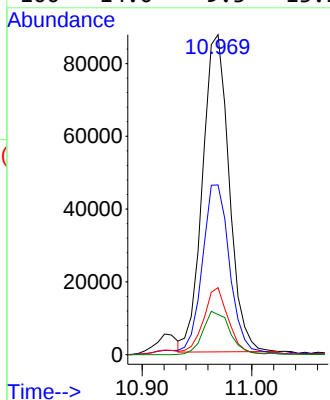
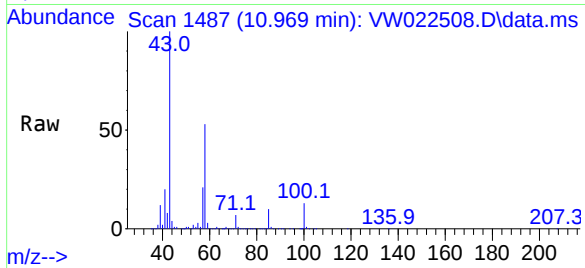




#48
2-Hexanone
Concen: 55.503 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

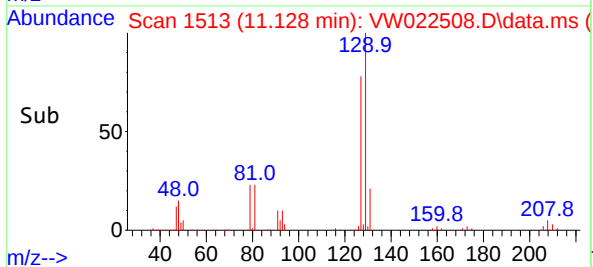
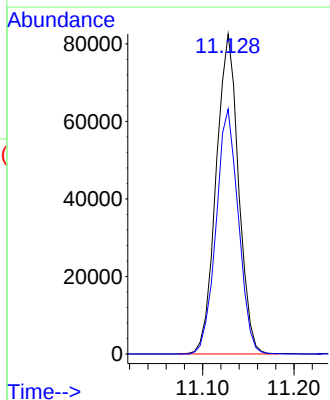
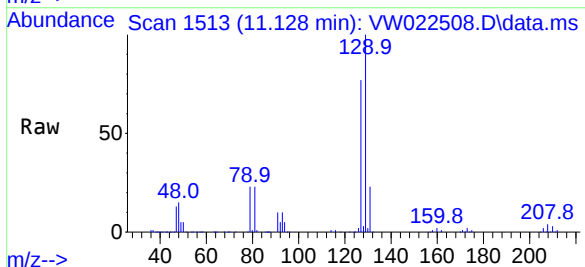
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

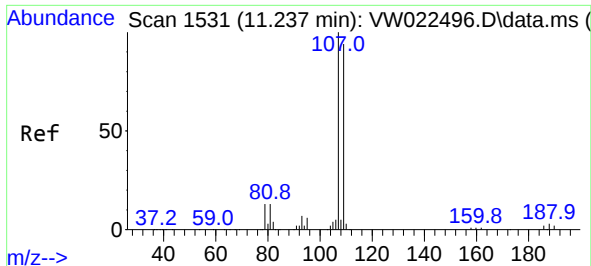
Tgt Ion: 43 Resp: 147296
Ion Ratio Lower Upper
43 100
58 55.3 41.6 62.4
57 18.9 14.5 21.7
100 14.0 9.3 13.9#



#49
Dibromochloromethane
Concen: 25.068 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion:129 Resp: 140645
Ion Ratio Lower Upper
129 100
127 76.5 52.6 97.6





#50

1,2-Dibromoethane

Concen: 24.792 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Instrument :

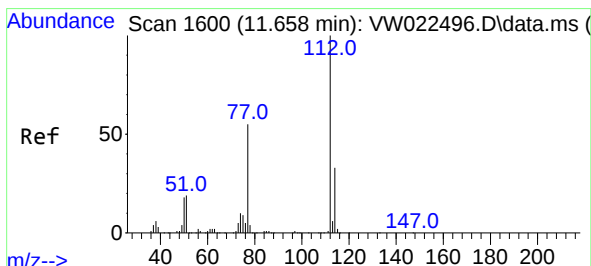
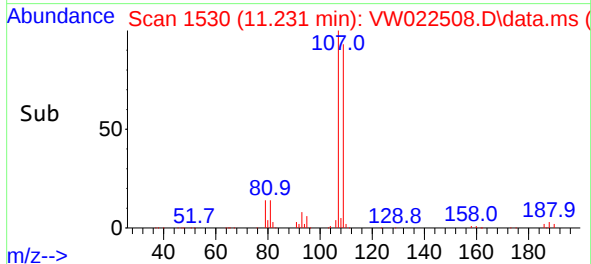
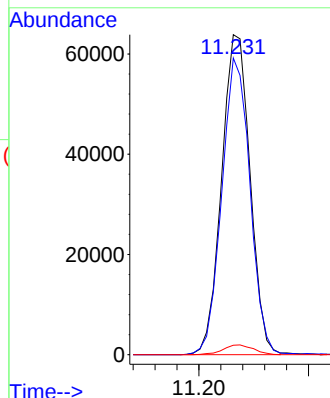
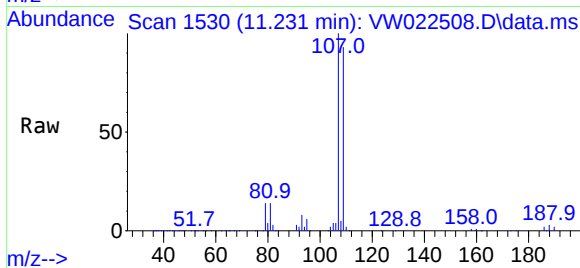
MSVOA_W

ClientSampleId :

ETNS0MS

Tgt Ion:107 Resp: 115165

Ion	Ratio	Lower	Upper
107	100		
109	92.7	68.2	126.6
188	3.0	2.8	4.2



#51

Chlorobenzene

Concen: 126.150 ug/L

RT: 11.658 min Scan# 1600

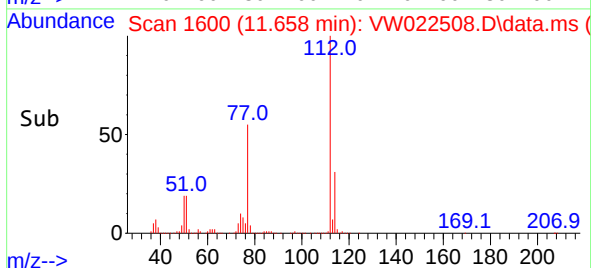
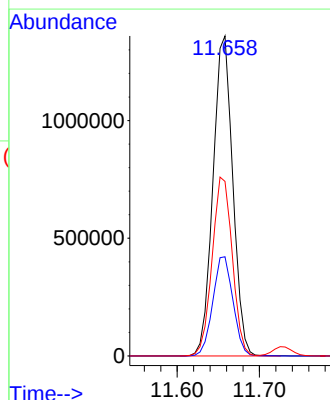
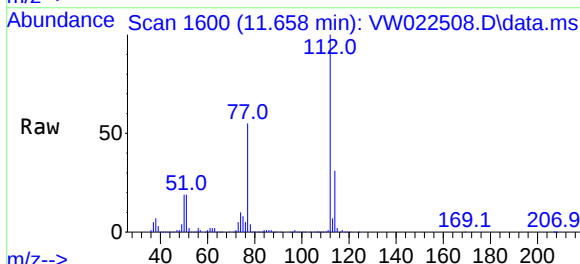
Delta R.T. -0.000 min

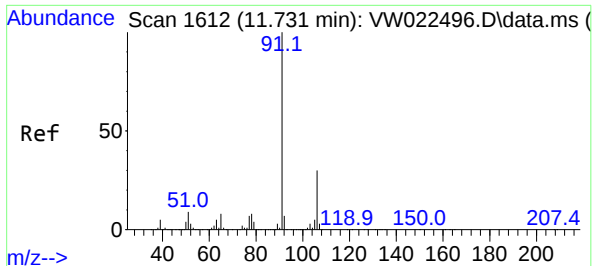
Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Tgt Ion:112 Resp: 2272840

Ion	Ratio	Lower	Upper
112	100		
114	31.0	20.5	38.1
77	54.5	48.1	72.1

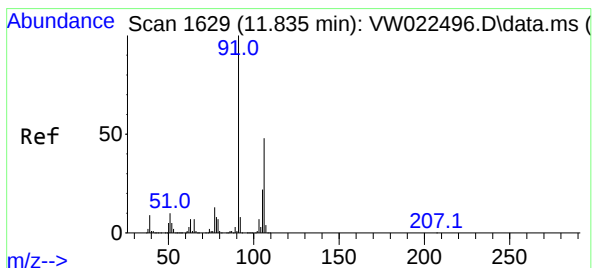
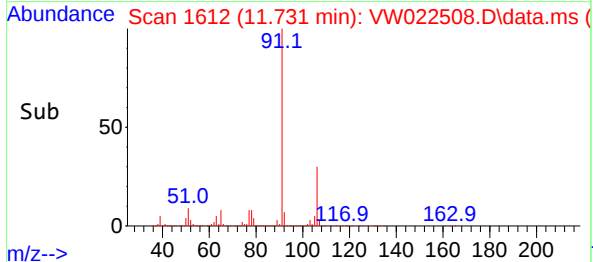
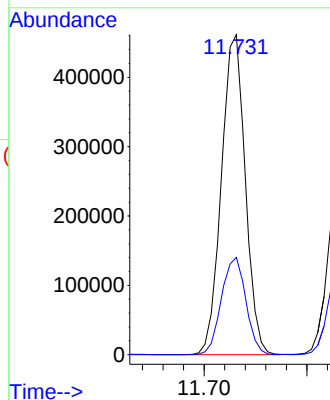
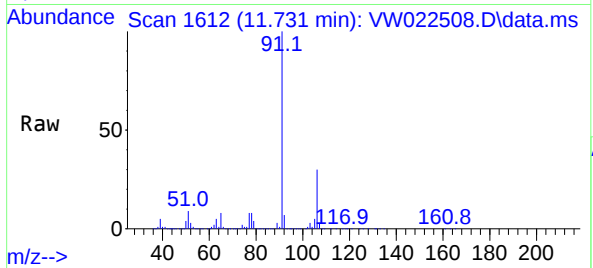




#52
Ethylbenzene
Concen: 22.514 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

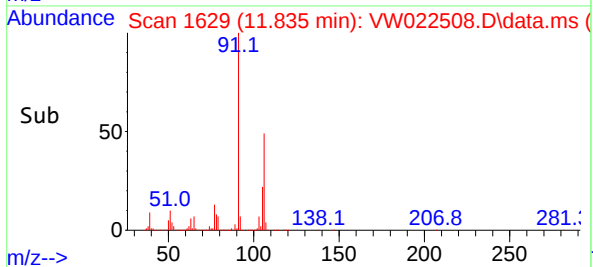
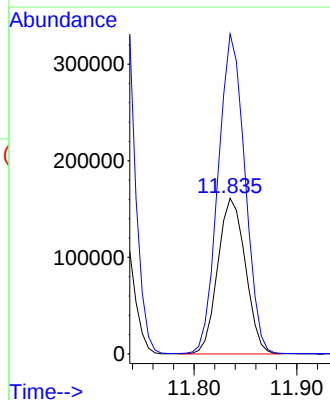
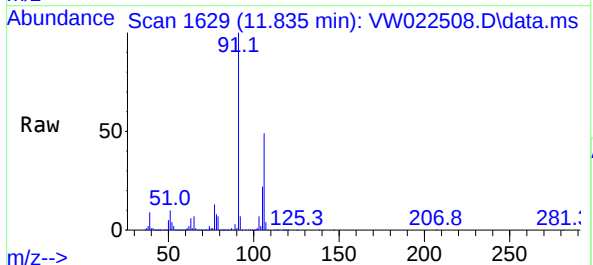
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

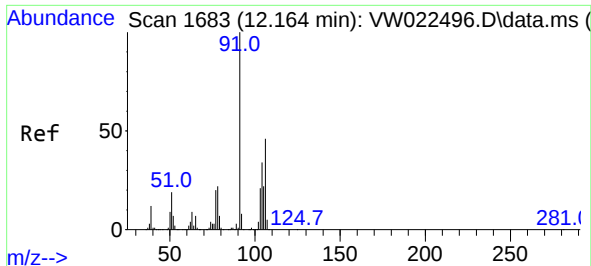
Tgt Ion: 91 Resp: 744033
Ion Ratio Lower Upper
91 100
106 30.4 20.5 38.1



#53
m,p-Xylene
Concen: 23.970 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion:106 Resp: 301189
Ion Ratio Lower Upper
106 100
91 205.6 149.9 278.5

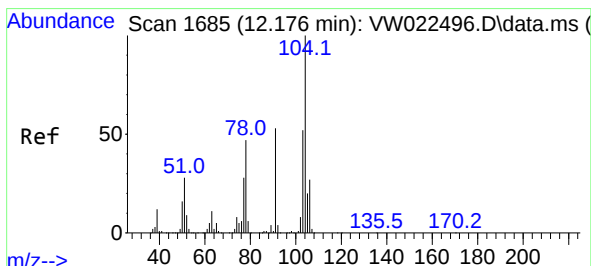
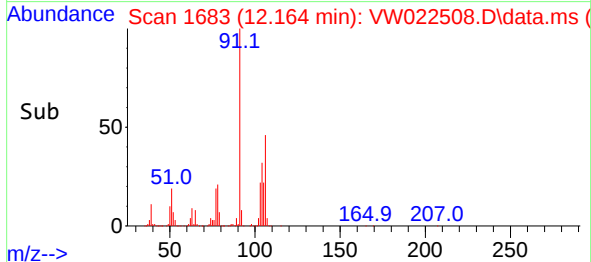
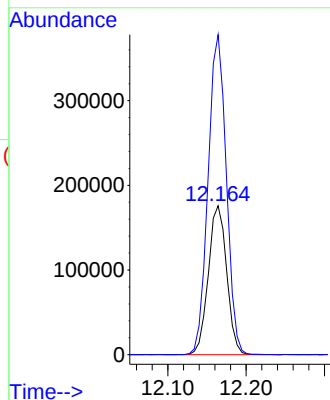
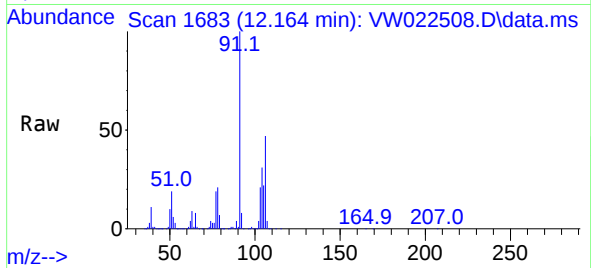




#54
o-Xylene
Concen: 23.848 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

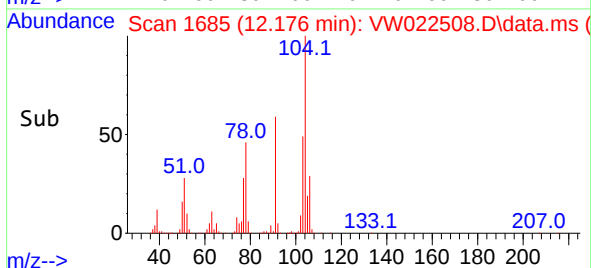
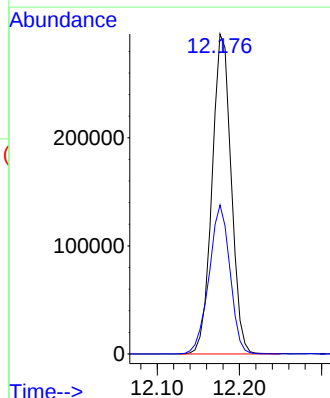
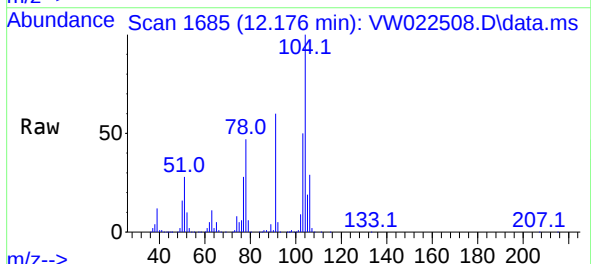
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

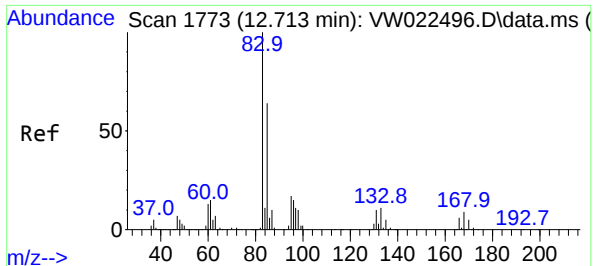
Tgt Ion:106 Resp: 286356
Ion Ratio Lower Upper
106 100
91 214.8 155.3 288.3



#55
Styrene
Concen: 23.360 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion:104 Resp: 479234
Ion Ratio Lower Upper
104 100
78 46.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.553 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MS

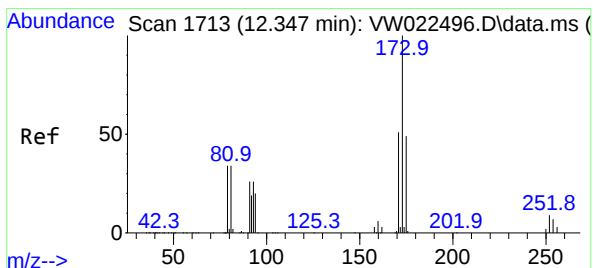
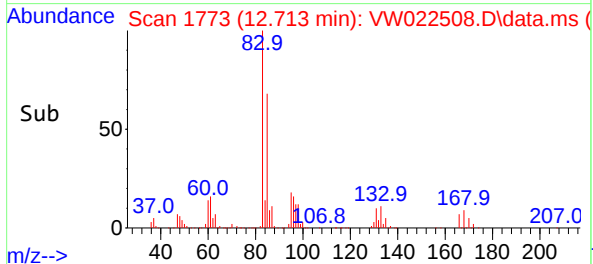
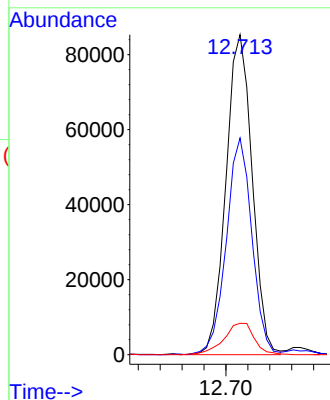
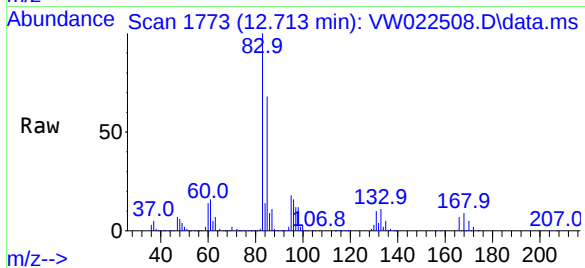
Tgt Ion: 83 Resp: 141769

Ion Ratio Lower Upper

83 100

85 67.7 45.5 84.5

131 9.8 7.8 11.8



#59

Bromoform

Concen: 23.630 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

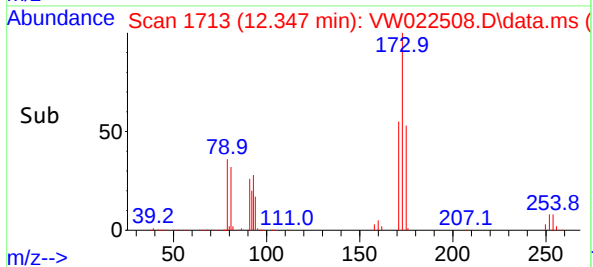
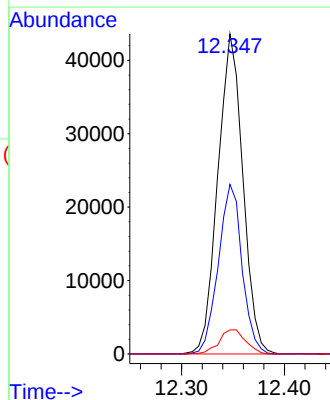
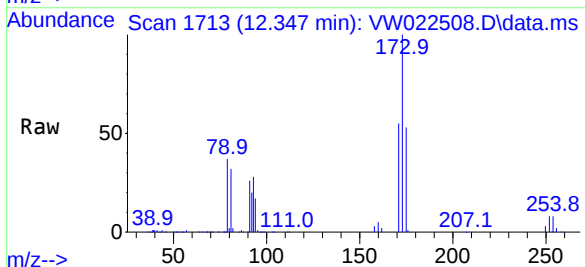
Tgt Ion:173 Resp: 73725

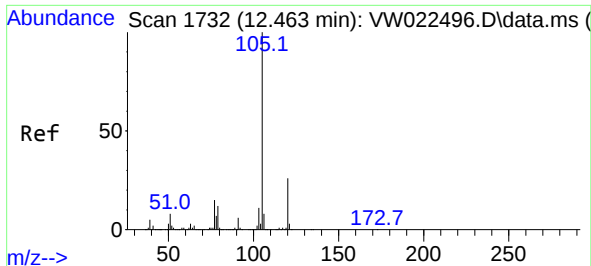
Ion Ratio Lower Upper

173 100

175 50.2 39.2 58.8

254 8.0 6.6 9.8

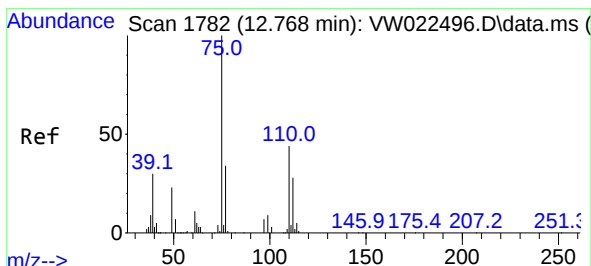
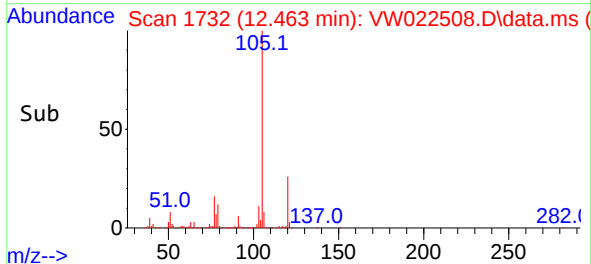
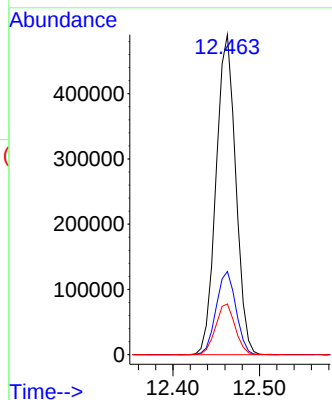
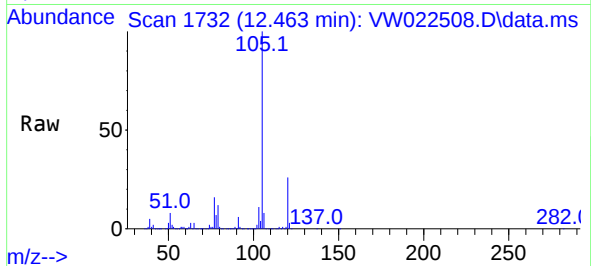




#60
Isopropylbenzene
Concen: 22.149 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

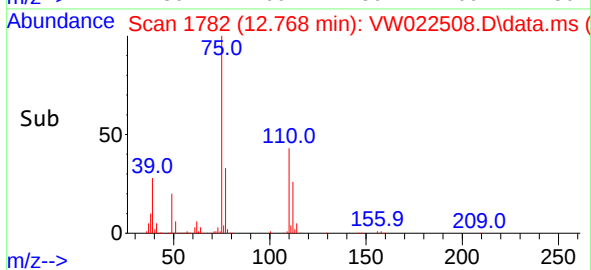
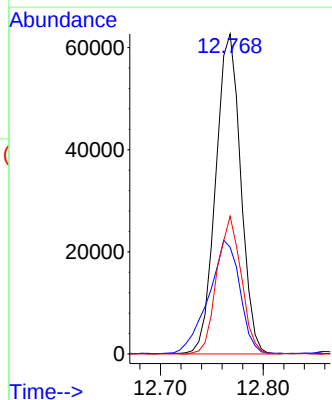
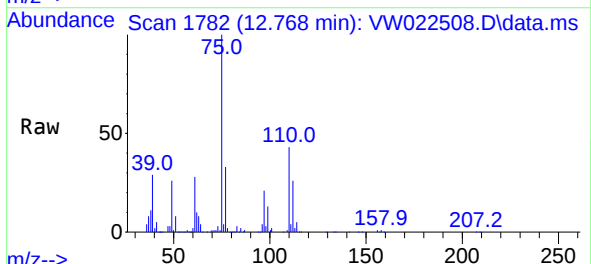
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

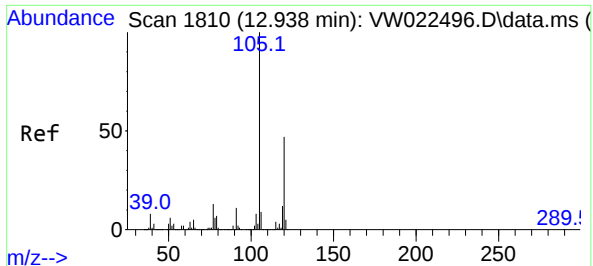
Tgt Ion:105 Resp: 772513
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 15.8 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.664 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion: 75 Resp: 105691
Ion Ratio Lower Upper
75 100
77 44.8 25.7 38.5#
110 41.7 31.8 47.6

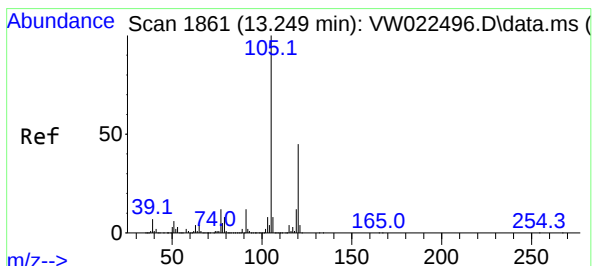
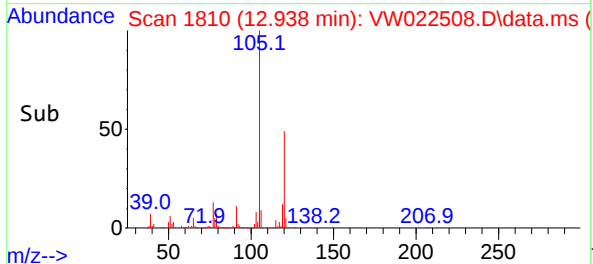
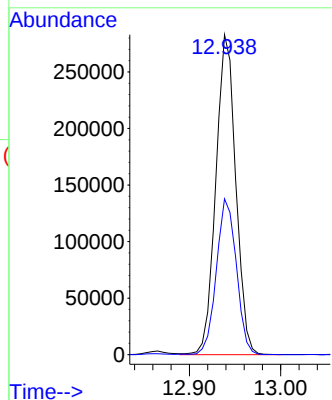
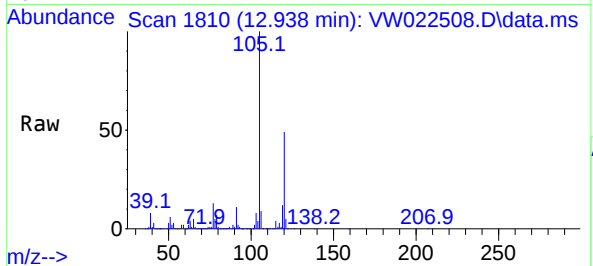




#62
1,3,5-Trimethylbenzene
Concen: 22.411 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

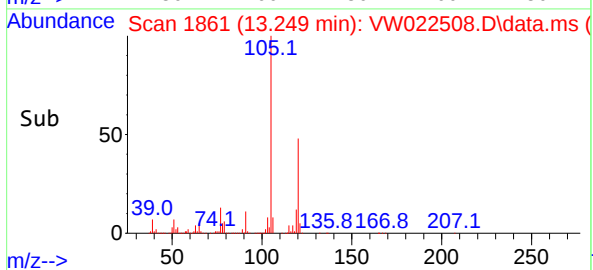
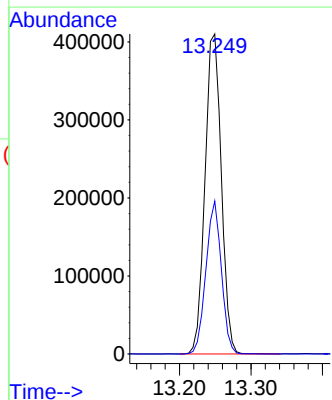
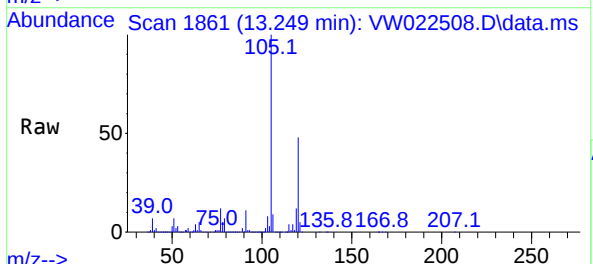
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

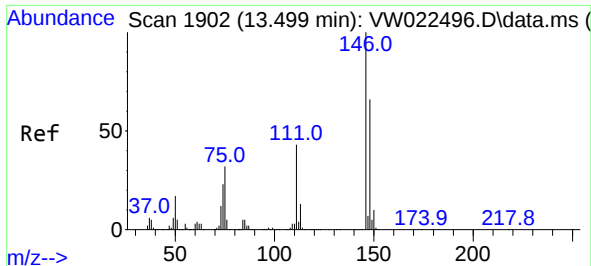
Tgt Ion:105 Resp: 429878
Ion Ratio Lower Upper
105 100
120 48.6 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 22.313 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion:105 Resp: 650834
Ion Ratio Lower Upper
105 100
120 45.1 34.2 51.2

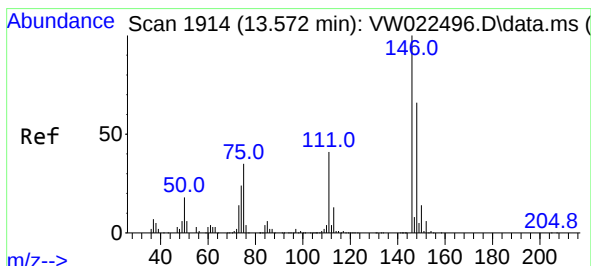
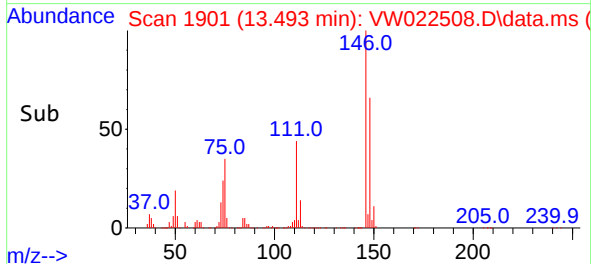
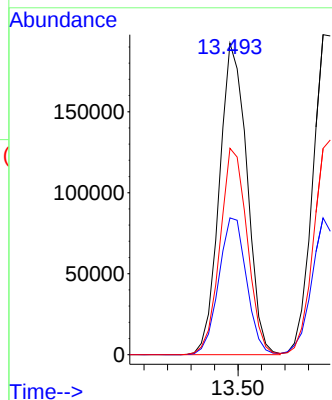
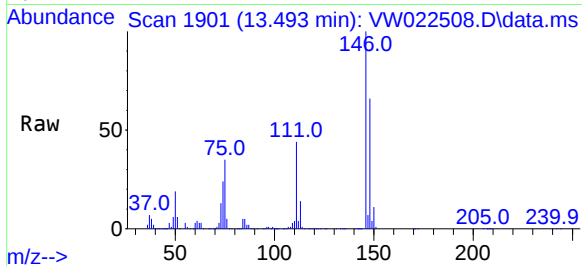




#64
1,3-Dichlorobenzene
Concen: 22.118 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

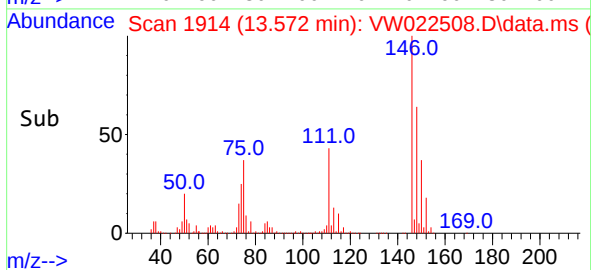
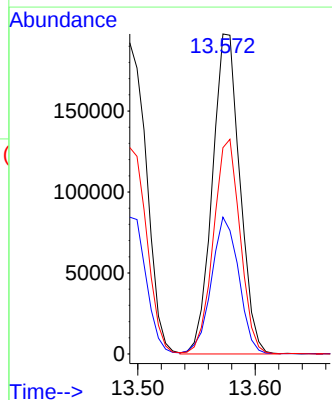
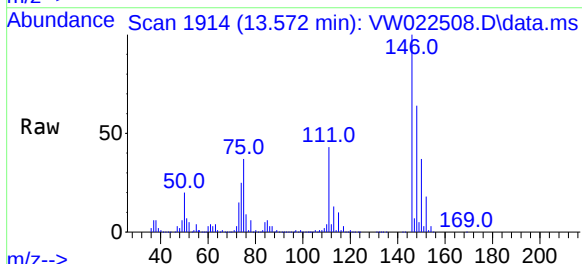
Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

Tgt Ion:146 Resp: 313089
Ion Ratio Lower Upper
146 100
111 44.0 28.2 52.4
148 66.3 41.9 77.7

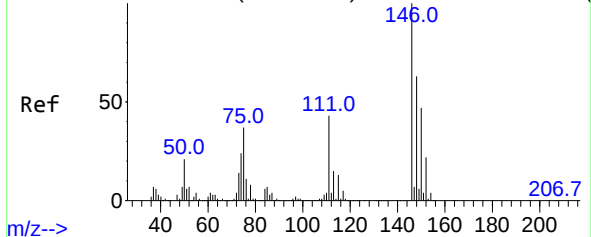


#65
1,4-Dichlorobenzene
Concen: 22.756 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

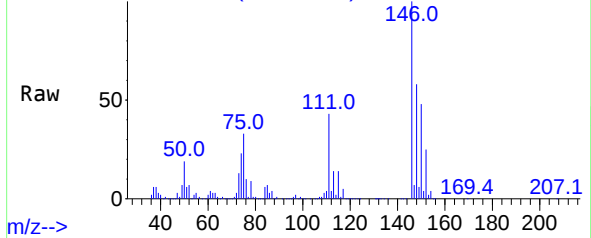
Tgt Ion:146 Resp: 321249
Ion Ratio Lower Upper
146 100
111 42.7 28.5 52.9
148 64.4 44.4 82.4



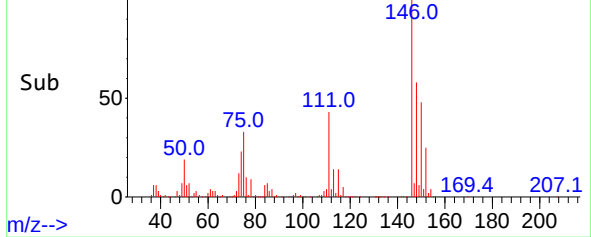
Abundance Scan 1962 (13.865 min): VW022496.D\data.ms (



m/z--> Abundance Scan 1962 (13.865 min): VW022508.D\data.ms



m/z--> Abundance Scan 1962 (13.865 min): VW022508.D\data.ms (



m/z-->

#67

1,2-Dichlorobenzene

Concen: 24.606 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Instrument :

MSVOA_W

ClientSampleId :

ETNS0MS

Tgt Ion:146 Resp: 311503

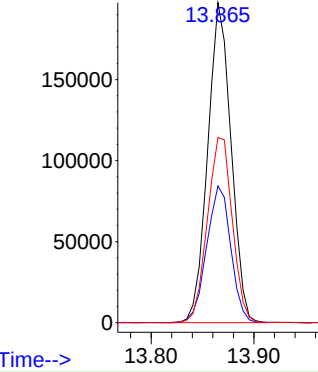
Ion Ratio Lower Upper

146 100

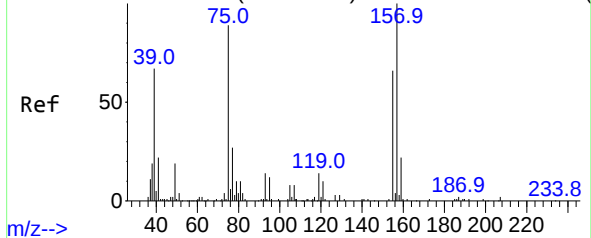
111 42.7 39.0 58.4

148 57.8 52.1 78.1

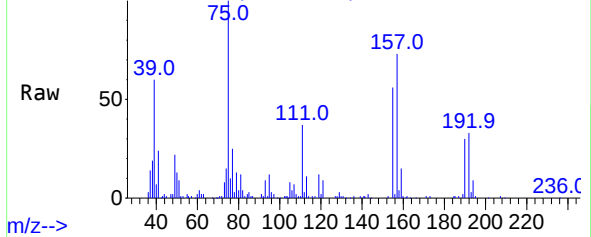
Abundance



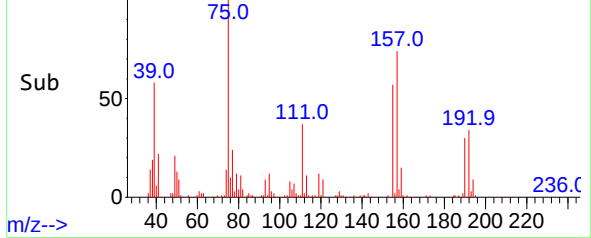
Abundance Scan 2063 (14.481 min): VW022496.D\data.ms (



m/z--> Abundance Scan 2062 (14.475 min): VW022508.D\data.ms



m/z--> Abundance Scan 2062 (14.475 min): VW022508.D\data.ms (



m/z-->

#68

1,2-Dibromo-3-chloropropane

Concen: 34.416 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW022508.D

Acq: 12 Apr 2022 15:34

Tgt Ion: 75 Resp: 35650

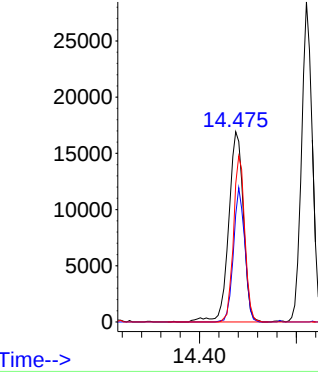
Ion Ratio Lower Upper

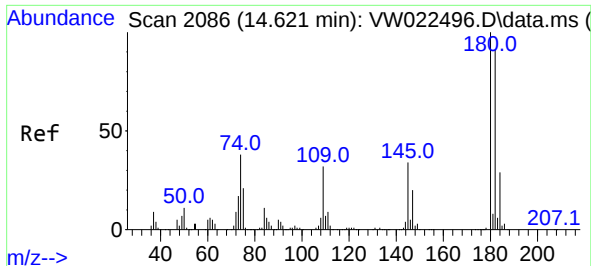
75 100

155 56.5 55.6 83.4

157 72.7 69.8 104.6

Abundance



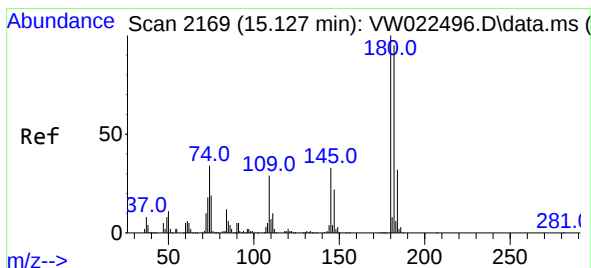
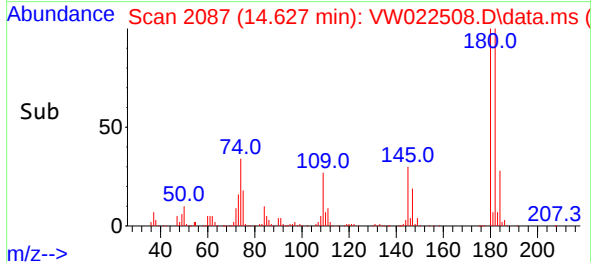
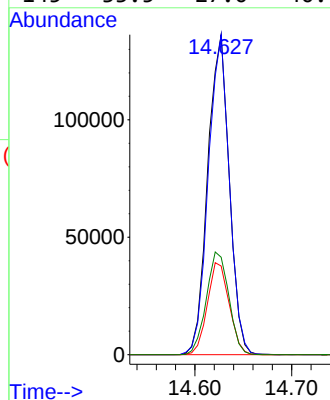
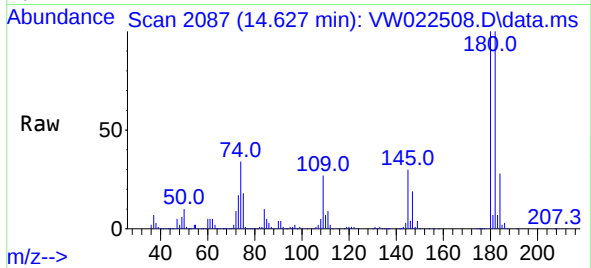


#69
1,3,5-Trichlorobenzene
Concen: 22.813 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

Tgt Ion:180 Resp: 210693

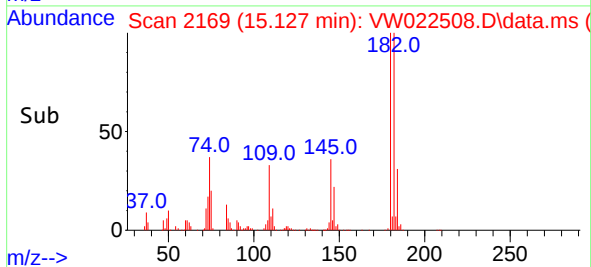
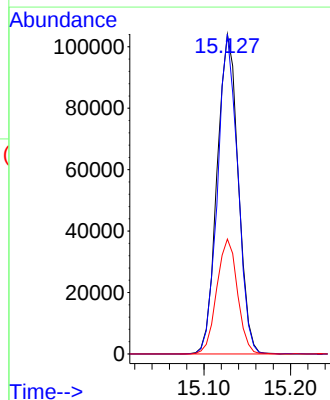
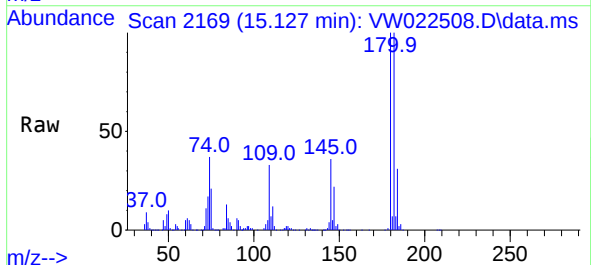
Ion	Ratio	Lower	Upper
180	100		
182	97.7	79.1	118.7
184	29.2	24.5	36.7
145	33.5	27.0	40.4

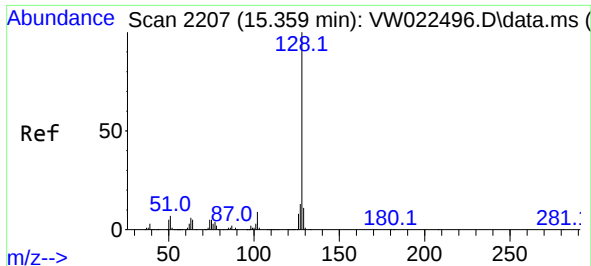


#70
1,2,4-trichlorobenzene
Concen: 22.739 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion:180 Resp: 176373

Ion	Ratio	Lower	Upper
180	100		
182	95.5	72.8	109.2
145	35.2	25.5	38.3

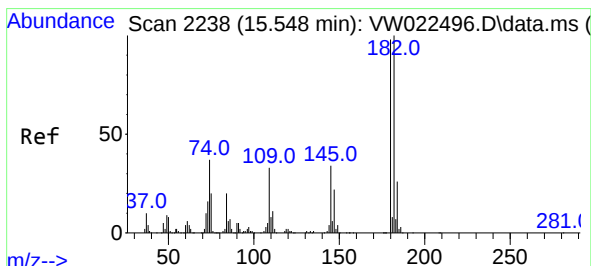
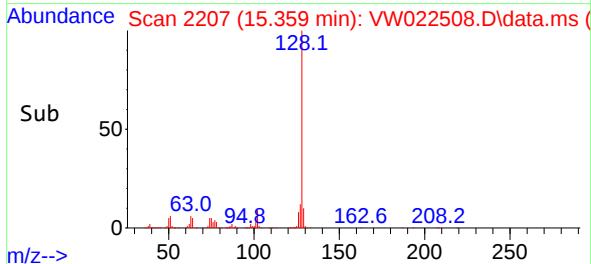
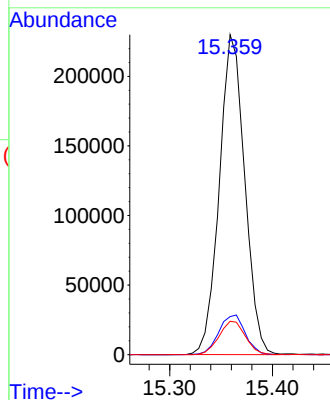
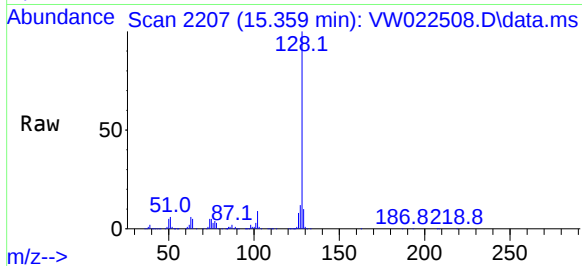




#71
Naphthalene
Concen: 24.083 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Instrument :
MSVOA_W
ClientSampleId :
ETNS0MS

Tgt Ion:128 Resp: 393994
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.680 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022508.D
Acq: 12 Apr 2022 15:34

Tgt Ion:180 Resp: 157000
Ion Ratio Lower Upper
180 100
182 92.3 73.4 110.0
145 34.0 27.0 40.6

