

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021036.D
 Acq On : 02 Dec 2021 10:45
 Operator : SY/VA
 Sample : M4881-22MSD
 Misc : 4.53g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F6MSD

Quant Time: Dec 03 02:22:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97667	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	74174	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	22240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	27382	24.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.680%
7) Chloroethane-d5	2.879	69	22203	30.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.560%
11) 1,1-Dichloroethene-d2	4.019	63	48414	22.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.360%
21) 2-Butanone-d5	7.092	46	11845	41.889	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.780%
24) Chloroform-d	7.653	84	63205	25.684	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.720%
26) 1,2-Dichloroethane-d4	8.305	65	30120	24.113	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.275	84	116865	29.894	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.560%
36) 1,2-Dichloropropane-d6	9.274	67	32889	29.544	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.160%
41) Toluene-d8	10.323	98	106557	27.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.840%
43) trans-1,3-Dichloroprop...	10.573	79	11821	22.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.880%
47) 2-Hexanone-d5	10.927	63	9301	50.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21394	25.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	20041	25.283	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11582	40.975	ug/L	96
3) Chloromethane	2.209	50	21937	25.527	ug/L	100
5) Vinyl chloride	2.355	62	40331	27.134	ug/L	99
6) Bromomethane	2.782	94	25935	31.467	ug/L	97
8) Chloroethane	2.916	64	18035	28.861	ug/L	96
9) Trichlorofluoromethane	3.251	101	19662	22.709	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32741	24.875	ug/L	92
12) 1,1-Dichloroethene	4.038	96	28246	23.082	ug/L	85
13) Acetone	4.160	43	8033	31.818	ug/L	76
14) Carbon disulfide	4.379	76	56617	17.107	ug/L	98
15) Methyl Acetate	4.690	43	8760	19.348	ug/L	# 90
16) Methylene chloride	4.916	84	29087	21.354	ug/L	85
17) trans-1,2-Dichloroethene	5.422	96	28534	21.635	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	44581	22.519	ug/L	94
19) 1,1-Dichloroethane	6.214	63	52446	24.000	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	32355	22.762	ug/L	69
22) 2-Butanone	7.183	43	12246	35.702	ug/L	87
23) Bromochloromethane	7.513	128	14080	21.667	ug/L	# 73
25) Chloroform	7.677	83	58230	24.379	ug/L	99

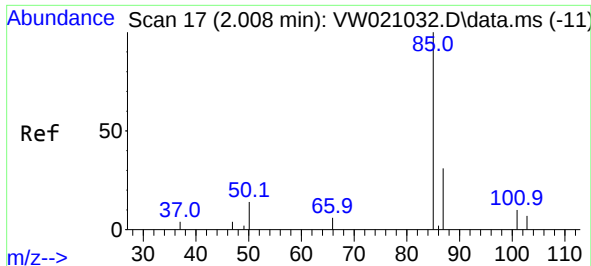
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	33205	22.959	ug/L	97
29) Cyclohexane	7.952	56	42733	25.842	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	52285	29.313	ug/L	95
31) Carbon tetrachloride	8.067	117	46731	27.680	ug/L	99
33) Benzene	8.323	78	119568	28.470	ug/L	100
34) Trichloroethene	9.092	95	37514	31.935	ug/L	95
35) Methylcyclohexane	9.335	83	48589	25.088	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	27444	28.078	ug/L #	96
38) Bromodichloromethane	9.646	83	38176	27.217	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	40352	25.005	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	28108	48.316	ug/L #	93
42) Toluene	10.384	91	126995	26.884	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	31195	21.995	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	20068	26.399	ug/L	94
46) Tetrachloroethene	10.860	164	49621	46.007	ug/L	88
48) 2-Hexanone	10.969	43	19402	48.148	ug/L #	96
49) Dibromochloromethane	11.128	129	25059	23.911	ug/L	99
50) 1,2-Dibromoethane	11.238	107	17020	22.332	ug/L #	95
51) Chlorobenzene	11.658	112	68682	21.861	ug/L	89
52) Ethylbenzene	11.731	91	126160	24.101	ug/L	92
53) m,p-Xylene	11.835	106	50661	23.705	ug/L	94
54) o-Xylene	12.164	106	48759	23.756	ug/L	97
55) Styrene	12.176	104	66031	19.375	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	20087	23.841	ug/L #	99
59) Bromoform	12.347	173	11411	34.411	ug/L	97
60) Isopropylbenzene	12.463	105	130306	43.017	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	14339	43.955	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	104046	40.717	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	92782	36.801	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	34307	24.157	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	31097	21.707	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	31419	25.106	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	2342	30.029	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	17457	15.520	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	8924	9.698	ug/L	96
71) Naphthalene	15.359	128	19491	12.999	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	7969	10.262	ug/L	97

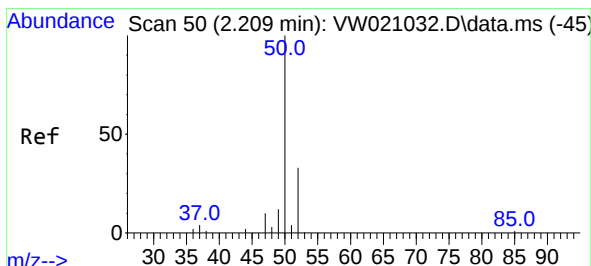
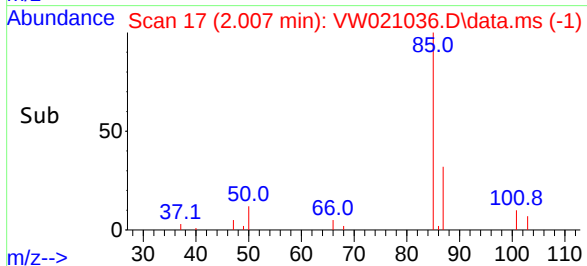
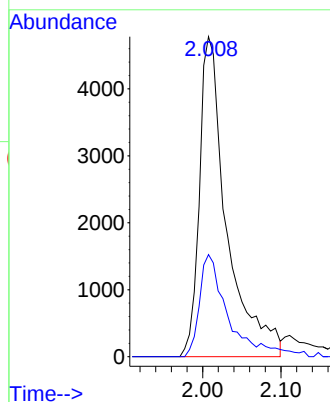
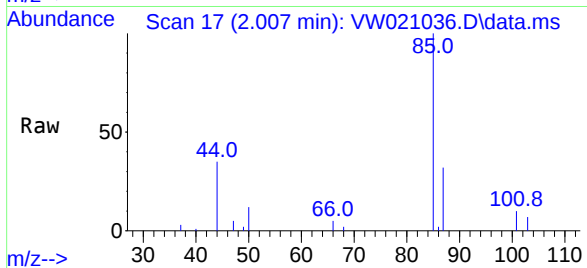
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 40.975 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

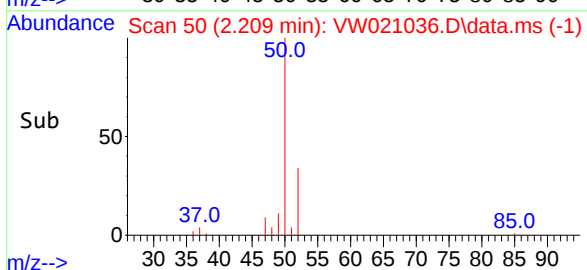
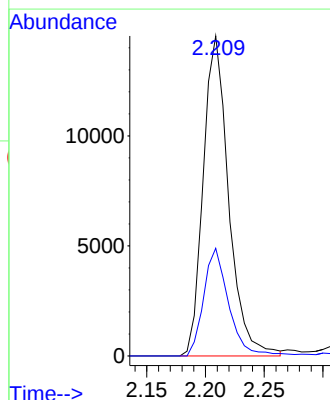
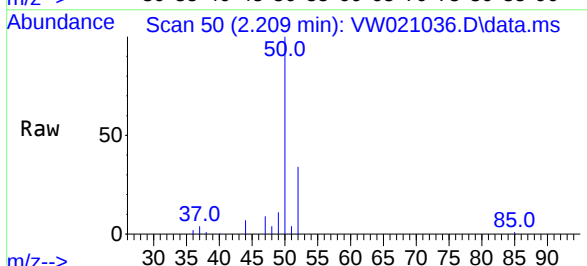
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

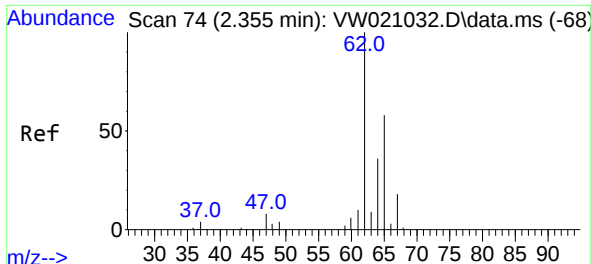
Tgt Ion: 85 Resp: 11582
Ion Ratio Lower Upper
85 100
87 30.2 25.8 38.6



#3
Chloromethane
Concen: 25.527 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 50 Resp: 21937
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.6

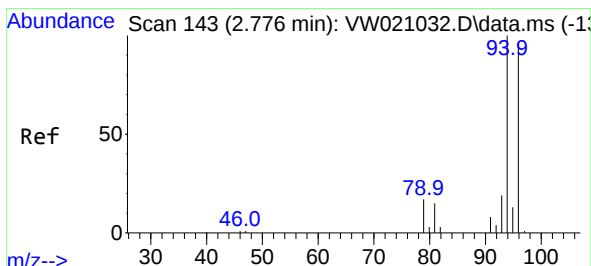
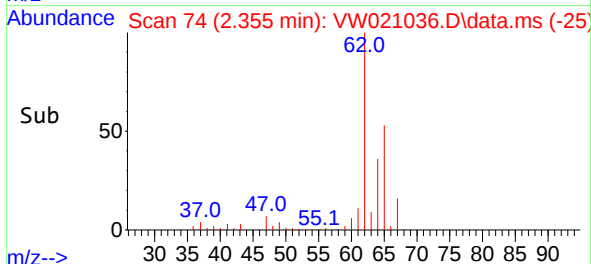
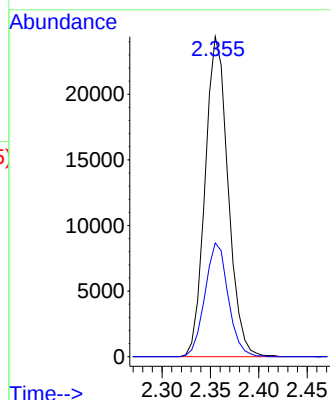
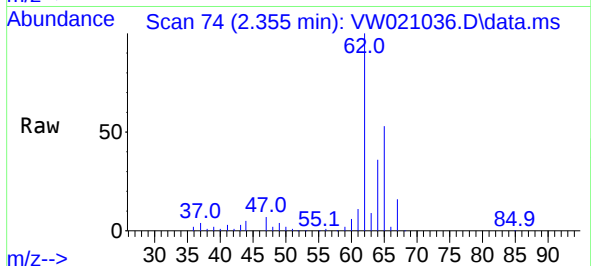




#5
 Vinyl chloride
 Concen: 27.134 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW021036.D
 Acq: 02 Dec 2021 10:45

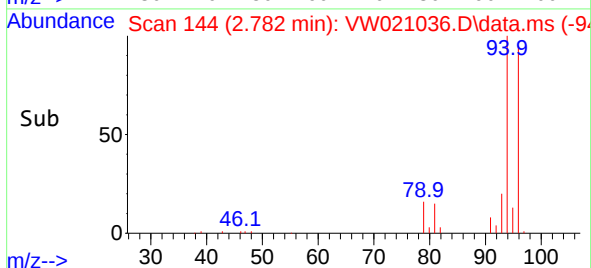
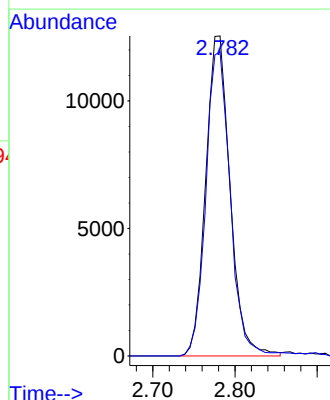
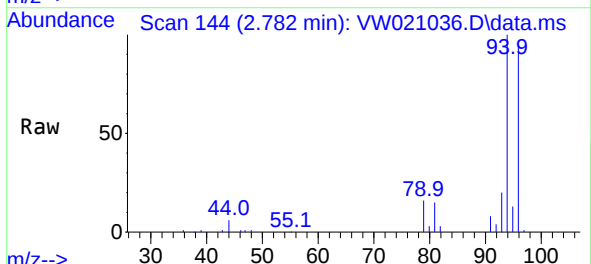
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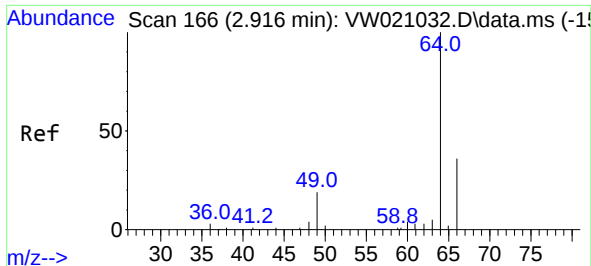
Tgt Ion: 62 Resp: 40331
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.4 45.2



#6
 Bromomethane
 Concen: 31.467 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021036.D
 Acq: 02 Dec 2021 10:45

Tgt Ion: 94 Resp: 25935
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.8 120.4

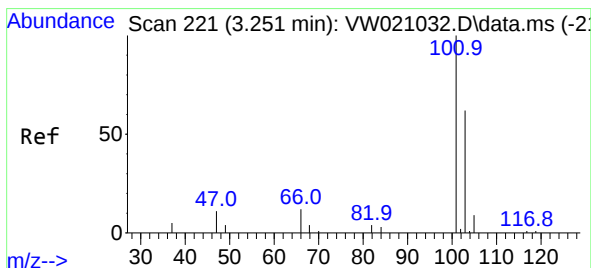
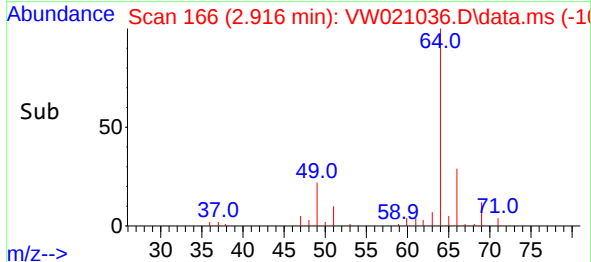
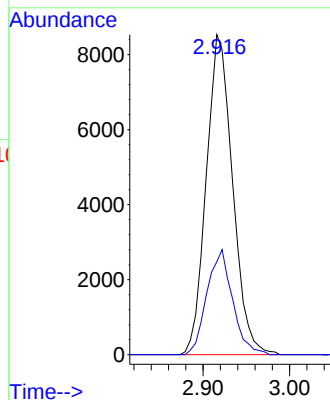
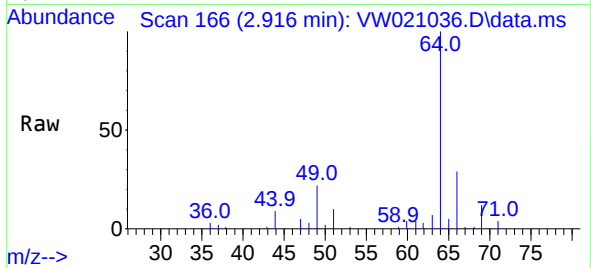




#8
Chloroethane
Concen: 28.861 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

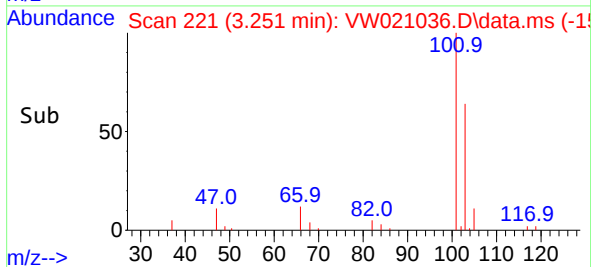
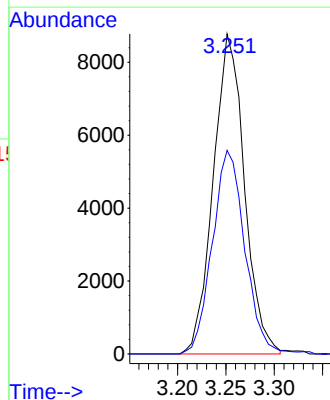
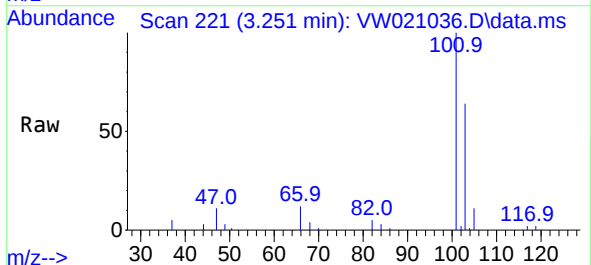
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ClientSampleId :
EW9F6MSD

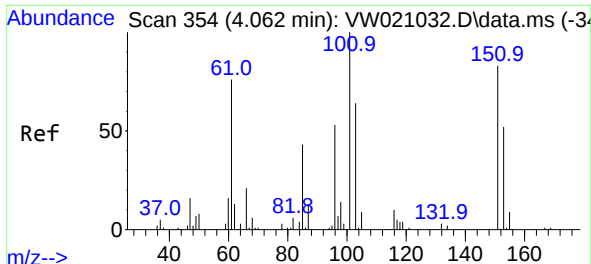
Tgt Ion: 64 Resp: 18035
Ion Ratio Lower Upper
64 100
66 29.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.709 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 101 Resp: 19662
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

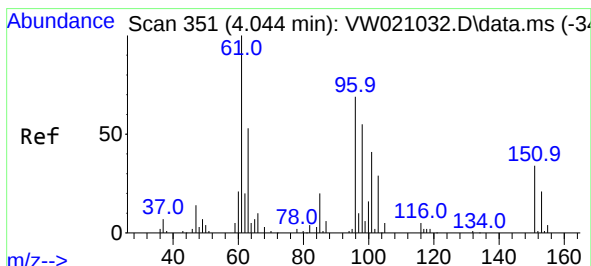
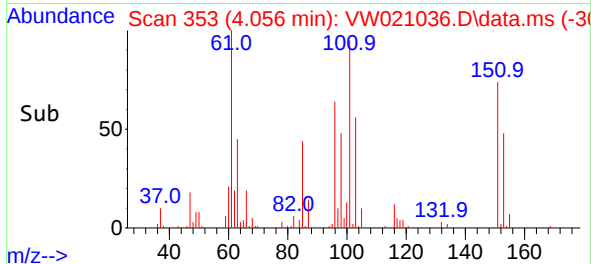
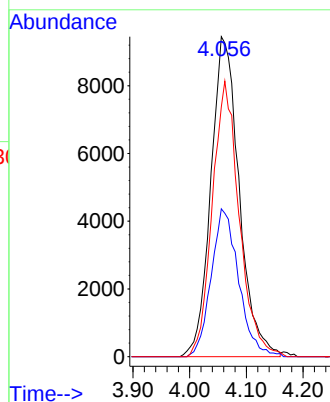
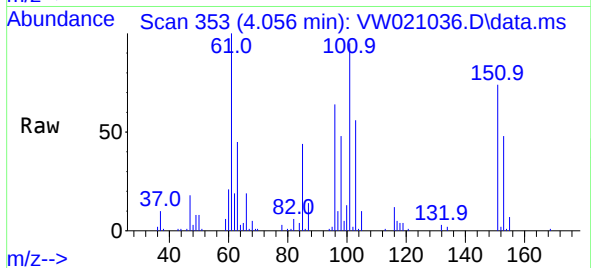




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.875 ug/L
RT: 4.056 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

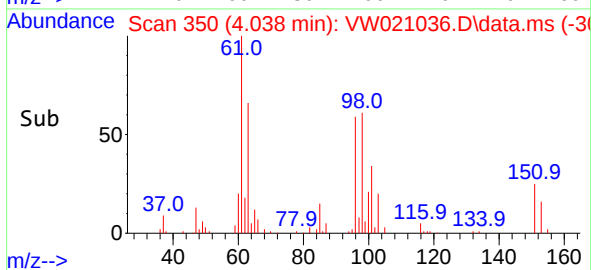
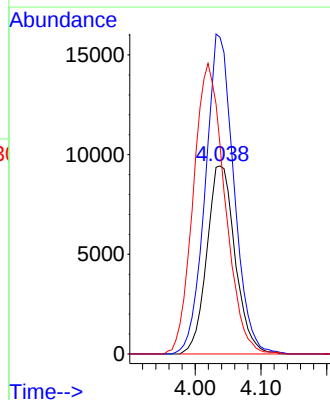
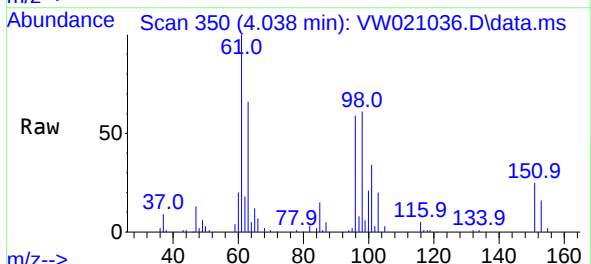
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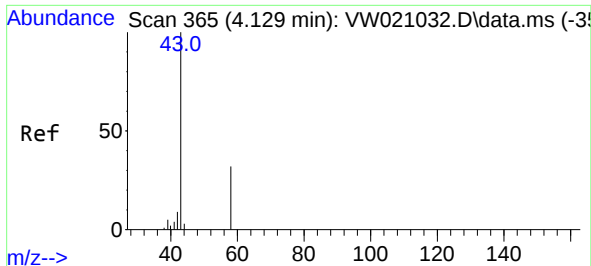
Tgt Ion:	101	Resp:	32741
Ion	Ratio	Lower	Upper
101	100		
85	44.9	36.6	54.8
151	81.8	57.4	86.0



#12
1,1-Dichloroethene
Concen: 23.082 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion:	96	Resp:	28246
Ion	Ratio	Lower	Upper
96	100		
61	168.5	138.3	256.9
63	111.0	82.6	153.4

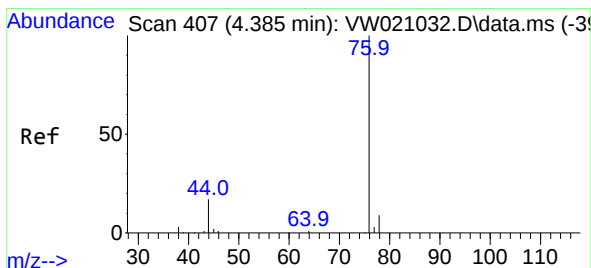
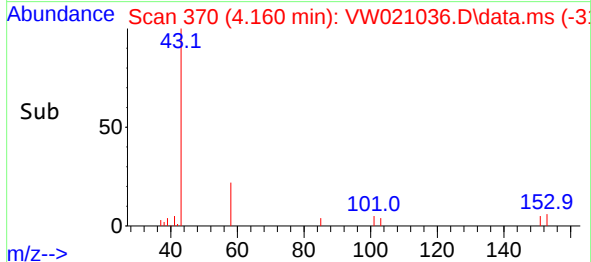
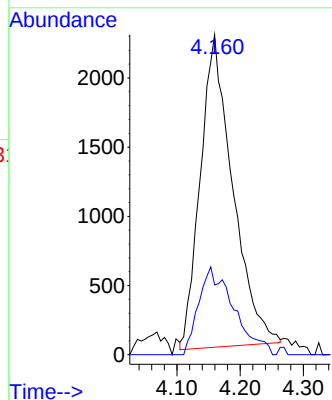
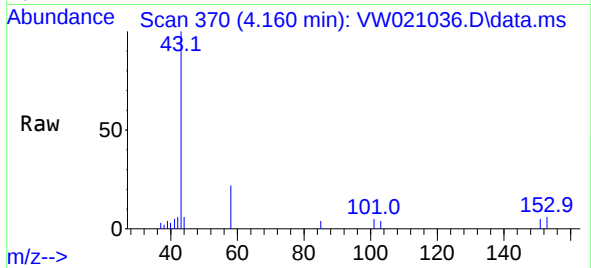




#13
Acetone
Concen: 31.818 ug/L
RT: 4.160 min Scan# 31
Delta R.T. 0.030 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

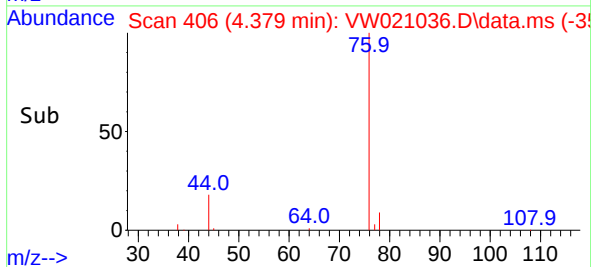
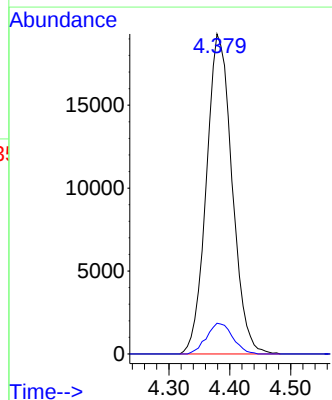
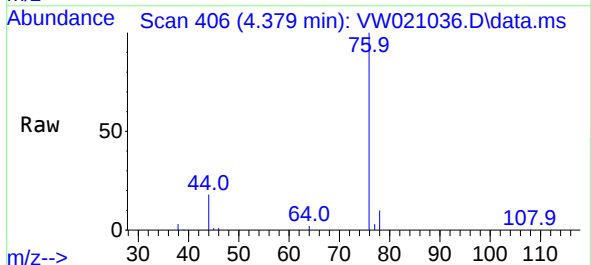
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

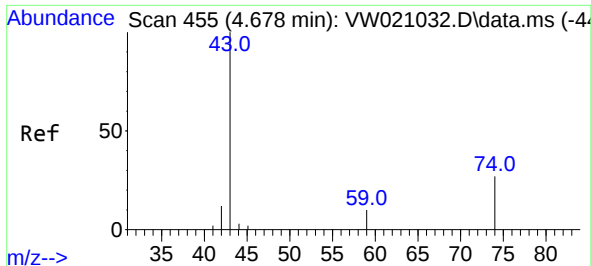
Tgt Ion: 43 Resp: 8033
Ion Ratio Lower Upper
43 100
58 14.3 0.0 52.8



#14
Carbon disulfide
Concen: 17.107 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 76 Resp: 56617
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

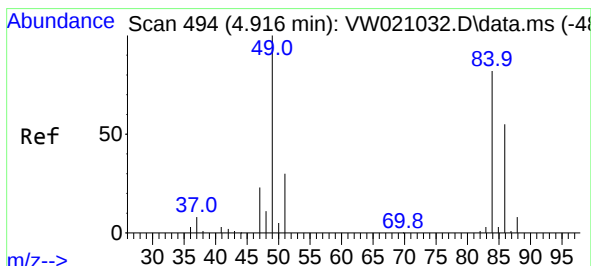
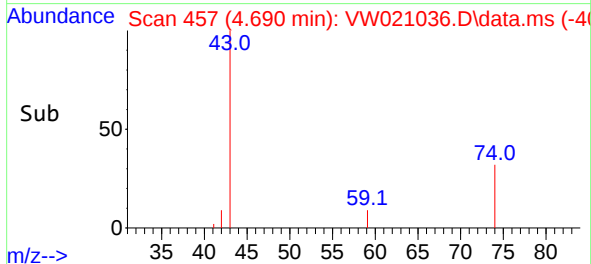
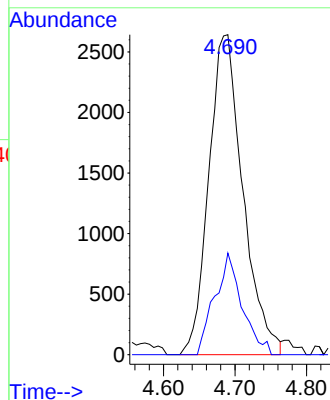
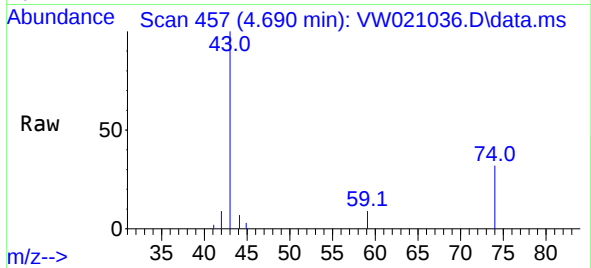




#15
Methyl Acetate
Concen: 19.348 ug/L
RT: 4.690 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

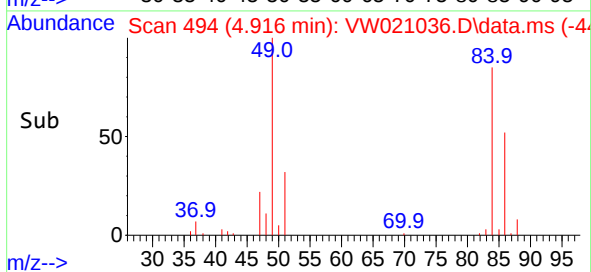
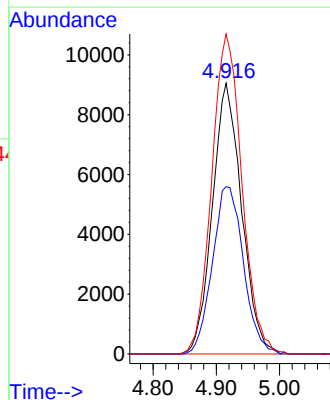
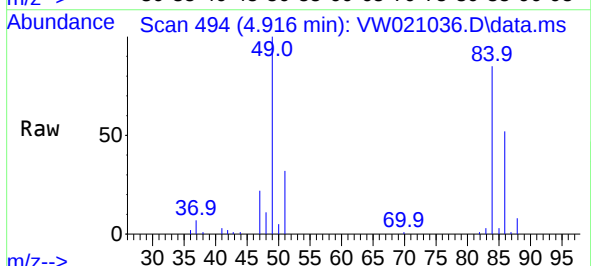
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

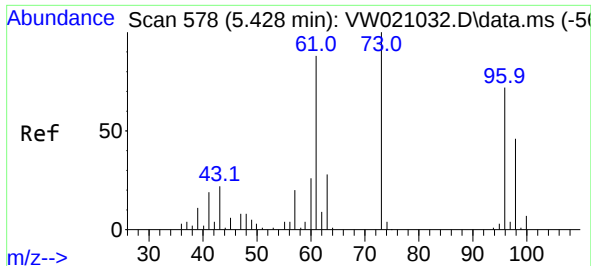
Tgt Ion: 43 Resp: 8760
Ion Ratio Lower Upper
43 100
74 25.0 16.4 24.6#



#16
Methylene chloride
Concen: 21.354 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 84 Resp: 29087
Ion Ratio Lower Upper
84 100
86 61.8 45.5 84.5
49 118.2 100.5 186.7

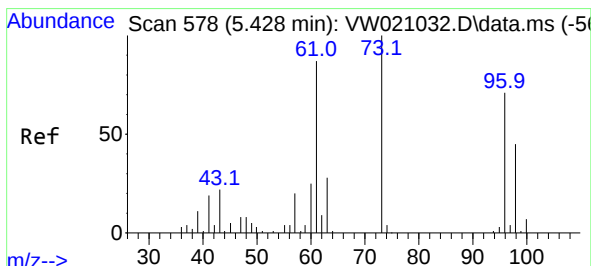
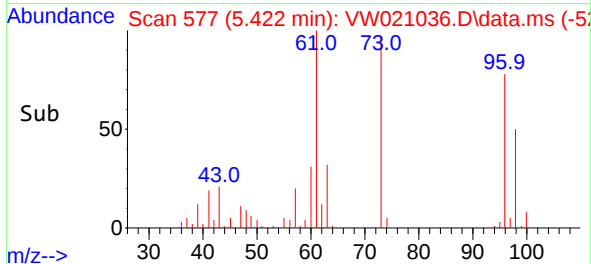
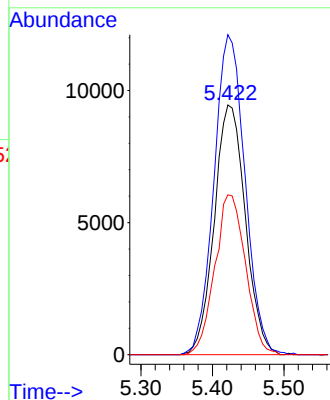
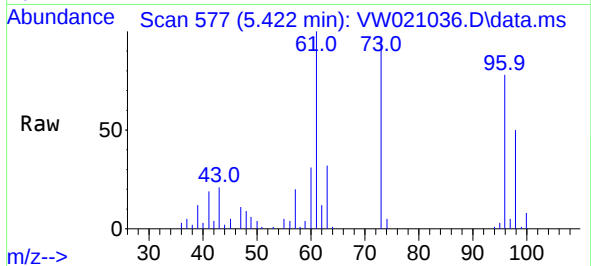




#17
trans-1,2-Dichloroethene
Concen: 21.635 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

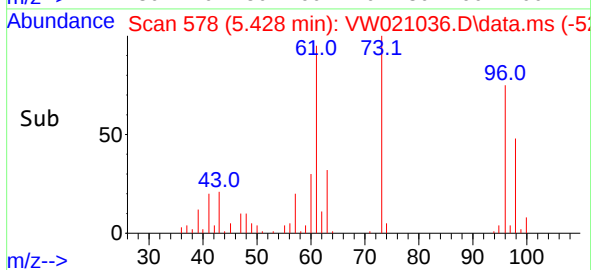
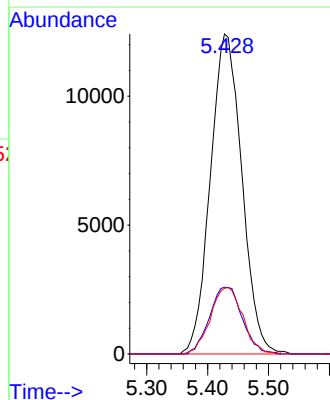
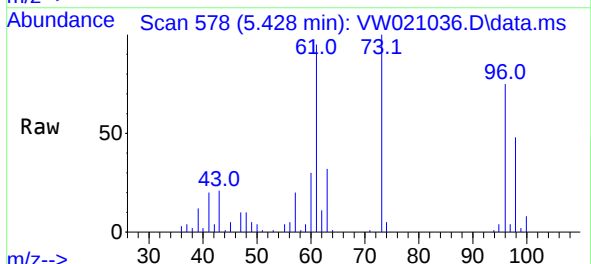
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

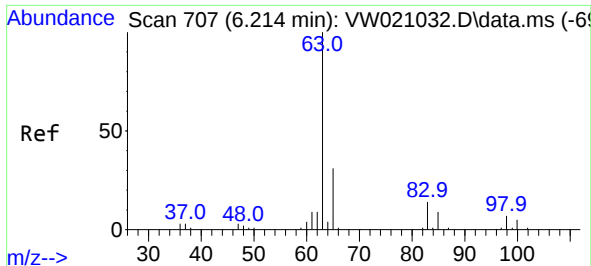
Tgt Ion: 96 Resp: 28534
Ion Ratio Lower Upper
96 100
61 128.1 107.4 199.4
98 64.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.519 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 73 Resp: 44581
Ion Ratio Lower Upper
73 100
43 21.7 19.5 29.3
57 21.2 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.000 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

EW9F6MSD

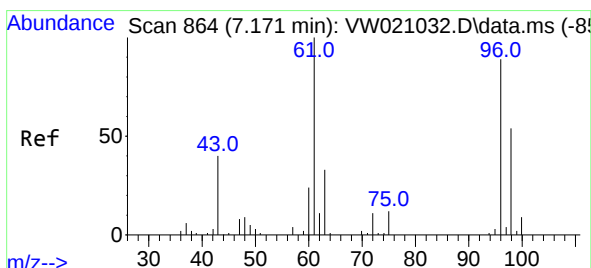
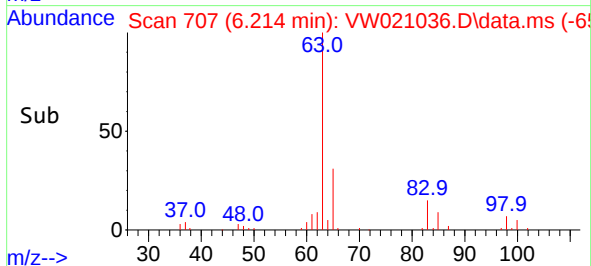
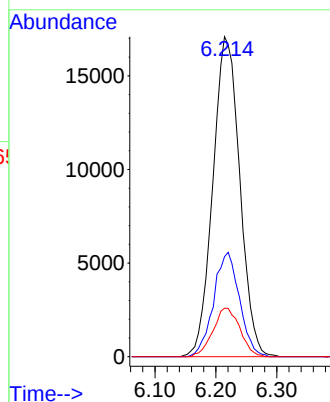
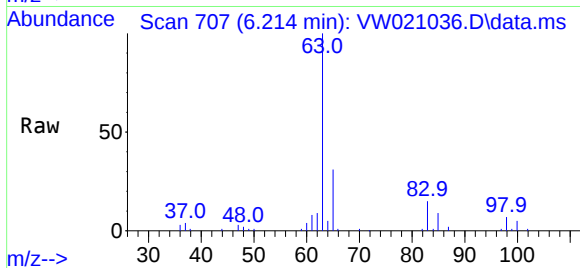
Tgt Ion: 63 Resp: 52446

Ion Ratio Lower Upper

63 100

65 31.2 22.1 41.1

83 15.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.762 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

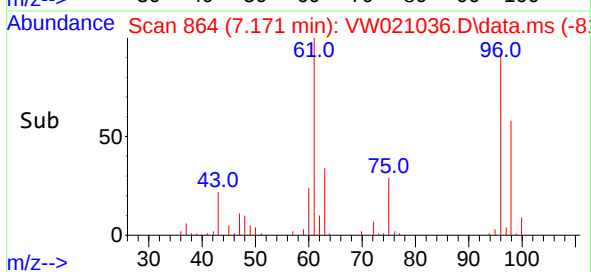
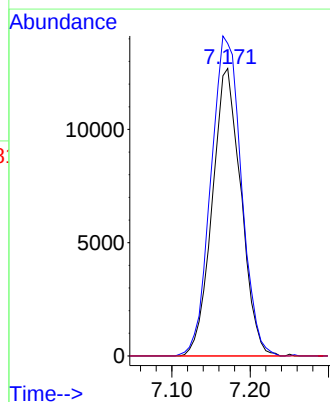
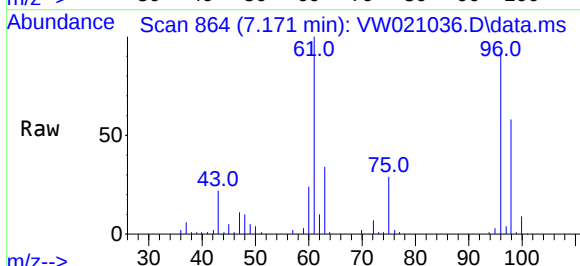
Tgt Ion: 96 Resp: 32355

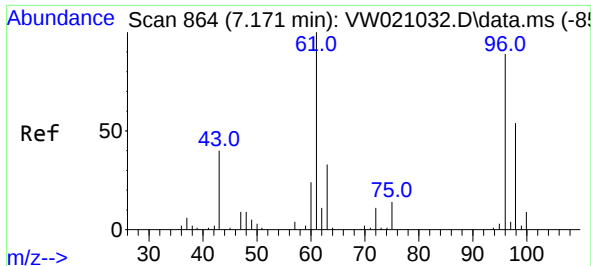
Ion Ratio Lower Upper

96 100

61 108.7 103.7 192.7

68 0.0 0.0 0.0

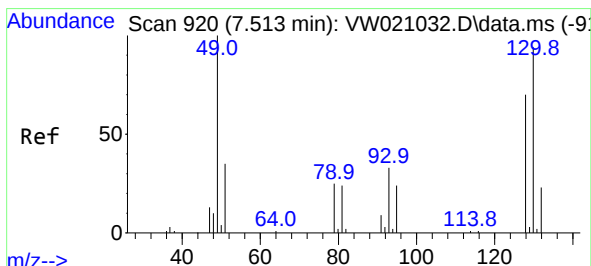
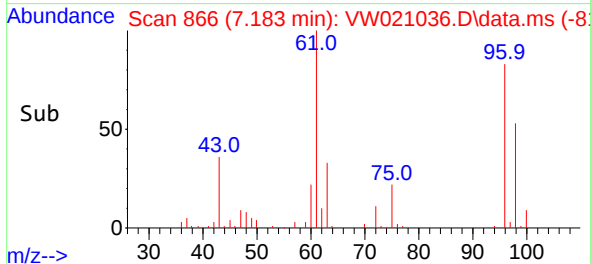
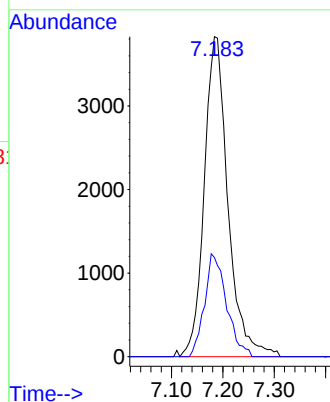
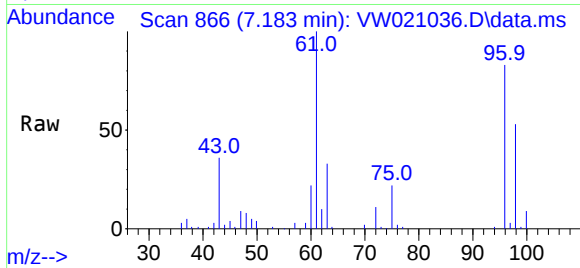




#22
2-Butanone
Concen: 35.702 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

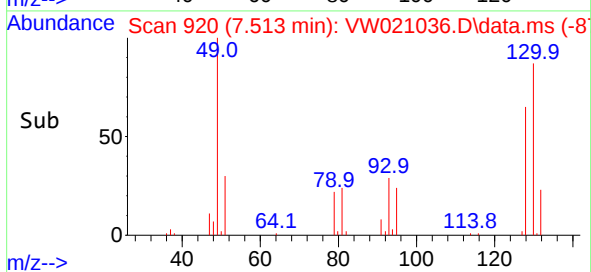
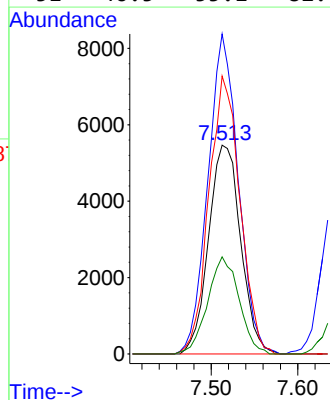
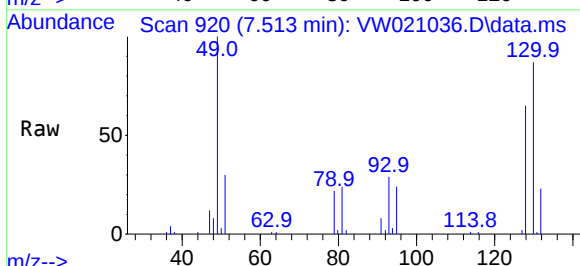
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

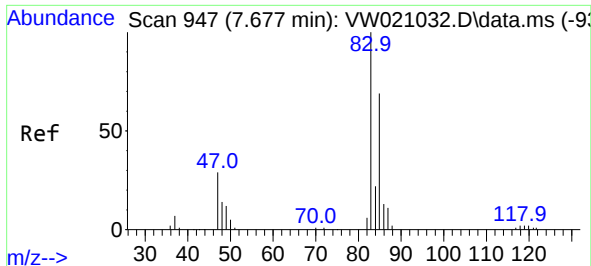
Tgt Ion: 43 Resp: 12246
Ion Ratio Lower Upper
43 100
72 29.8 11.8 35.4



#23
Bromochloromethane
Concen: 21.667 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 128 Resp: 14080
Ion Ratio Lower Upper
128 100
49 153.2 150.3 279.1
130 133.1 88.3 163.9
51 46.5 55.1 82.7#





#25

Chloroform

Concen: 24.379 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

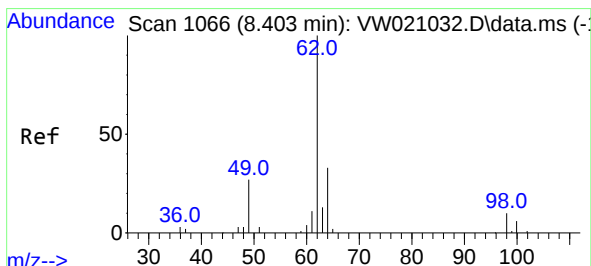
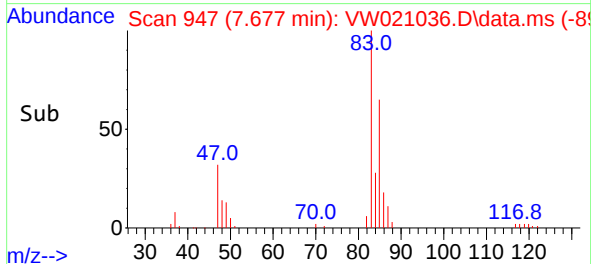
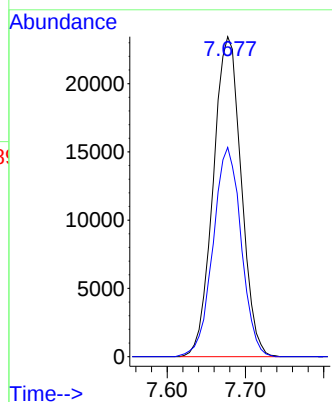
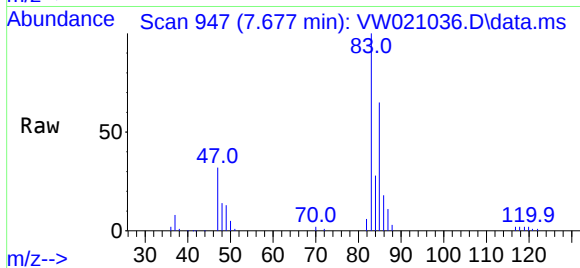
EW9F6MSD

Tgt Ion: 83 Resp: 58230

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 22.959 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021036.D

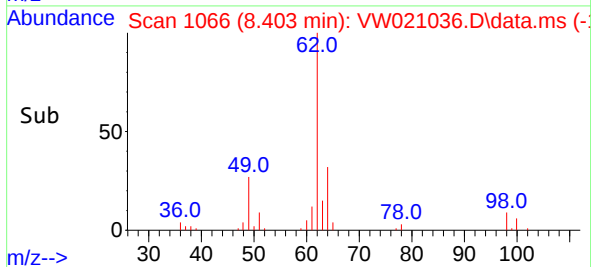
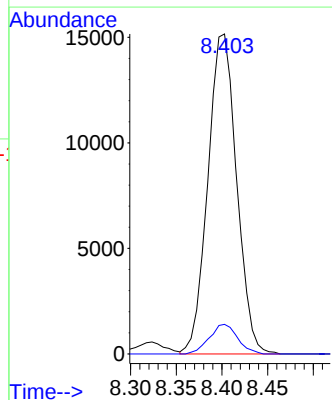
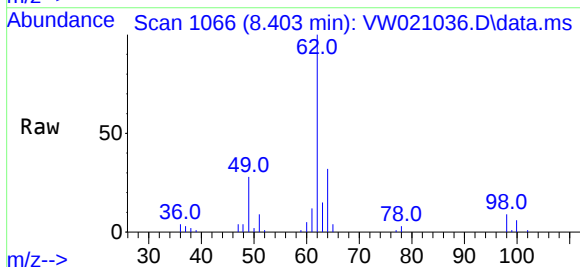
Acq: 02 Dec 2021 10:45

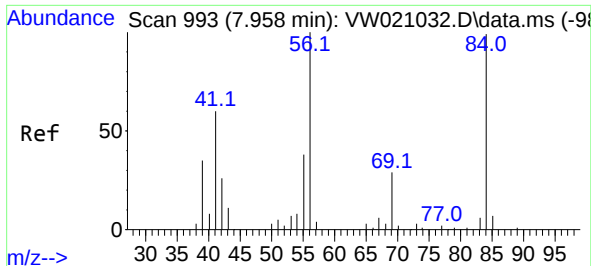
Tgt Ion: 62 Resp: 33205

Ion Ratio Lower Upper

62 100

98 9.3 6.5 9.7

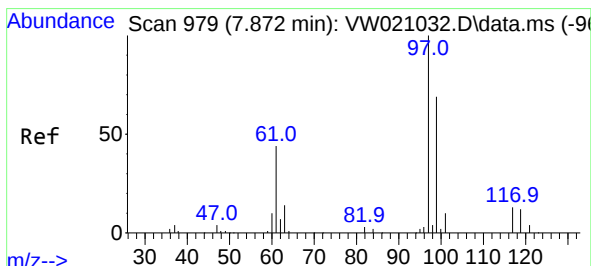
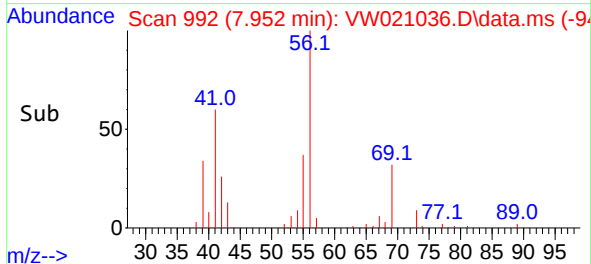
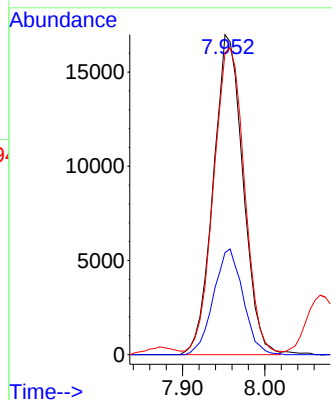
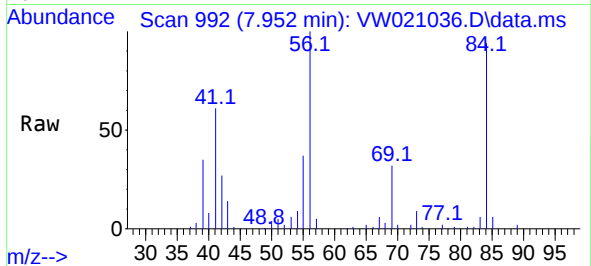




#29
Cyclohexane
Concen: 25.842 ug/L
RT: 7.952 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

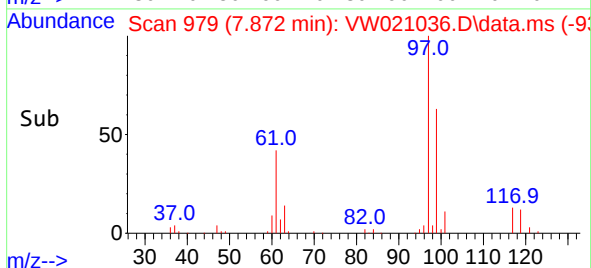
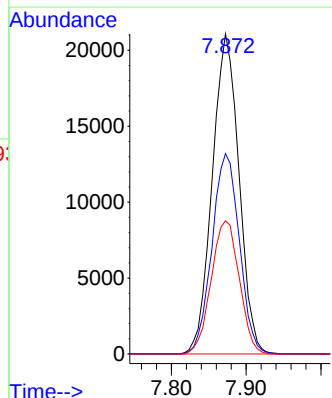
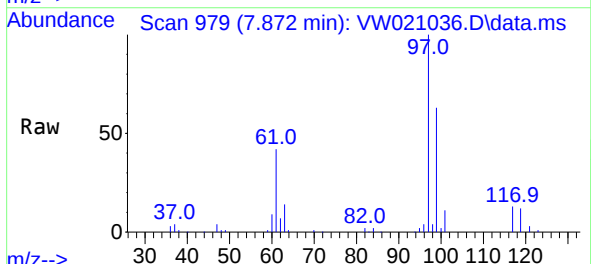
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

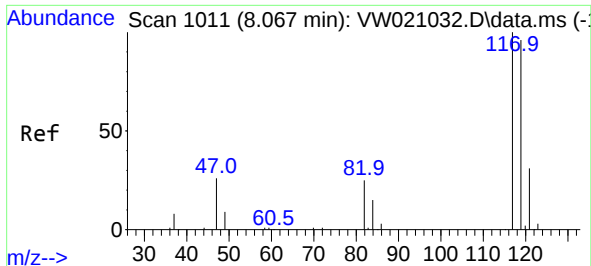
Tgt Ion: 56 Resp: 42733
Ion Ratio Lower Upper
56 100
69 32.7 23.5 35.3
84 100.2 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 29.313 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 97 Resp: 52285
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 43.8 40.9 61.3

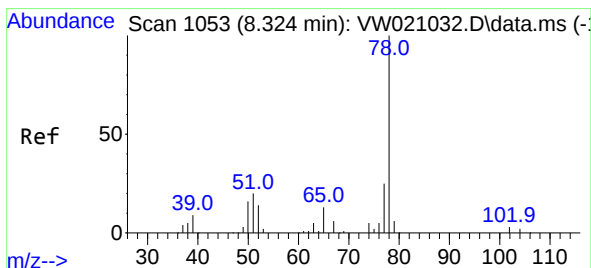
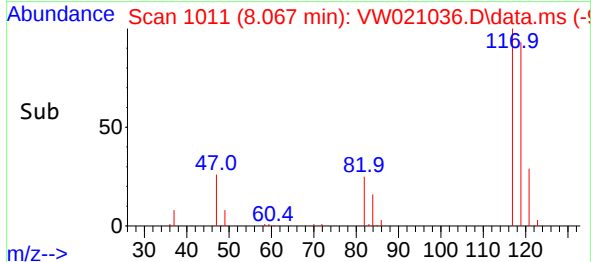
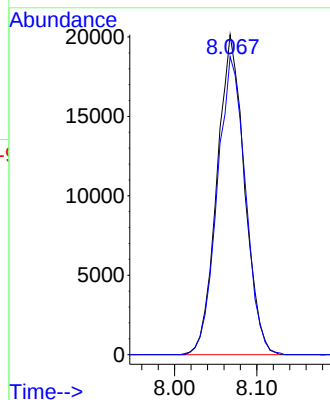
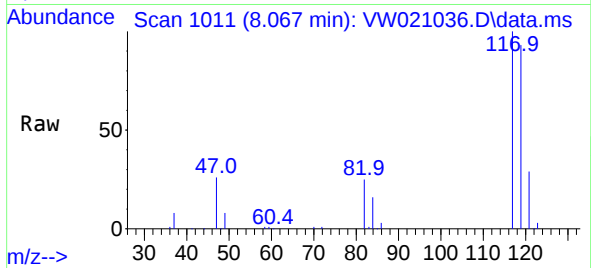




#31
Carbon tetrachloride
Concen: 27.680 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

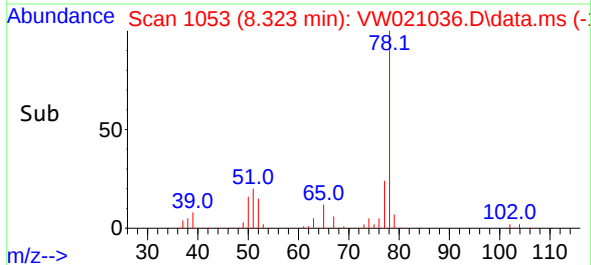
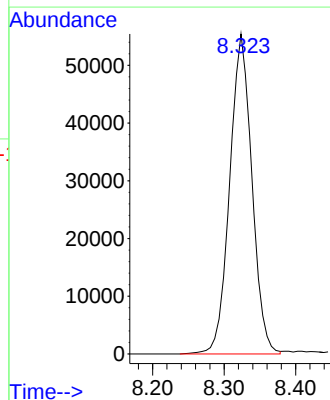
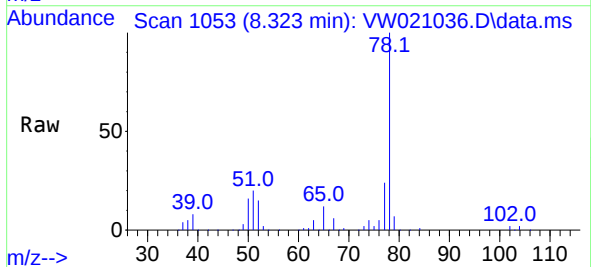
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

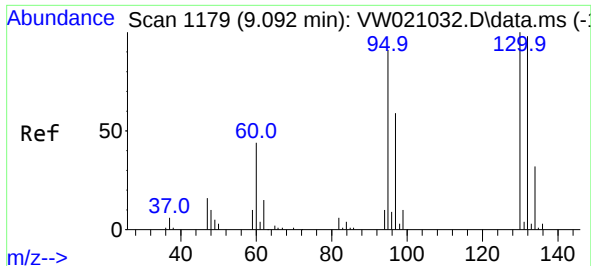
Tgt Ion:117 Resp: 46731
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 28.470 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 78 Resp: 119568



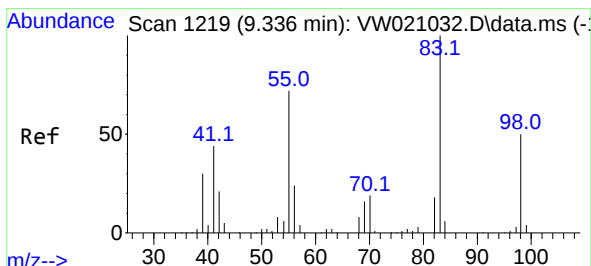
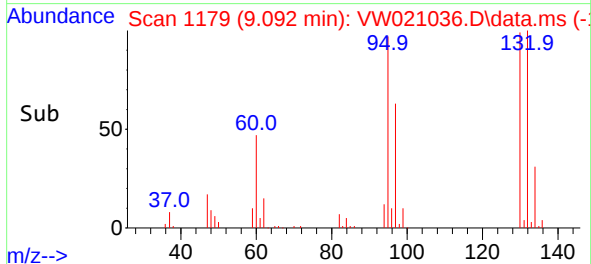
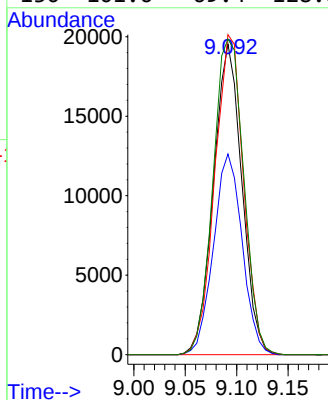
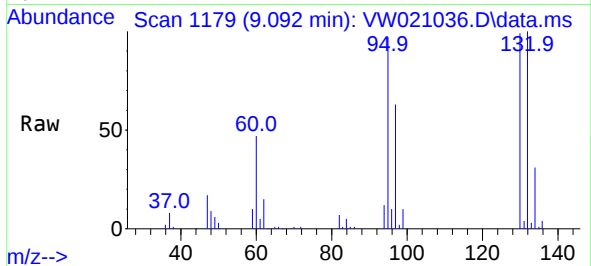


#34
Trichloroethene
Concen: 31.935 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

Tgt Ion: 95 Resp: 37514

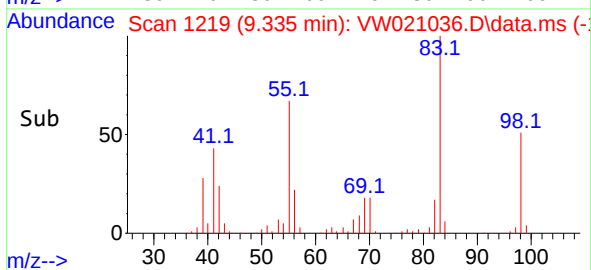
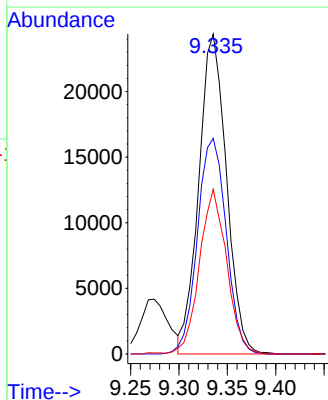
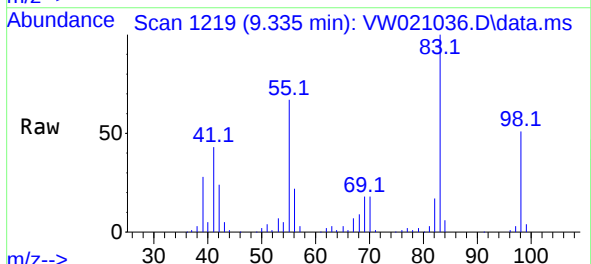
Ion	Ratio	Lower	Upper
95	100		
97	64.6	47.0	87.2
132	103.0	65.5	121.6
130	101.6	69.4	128.8

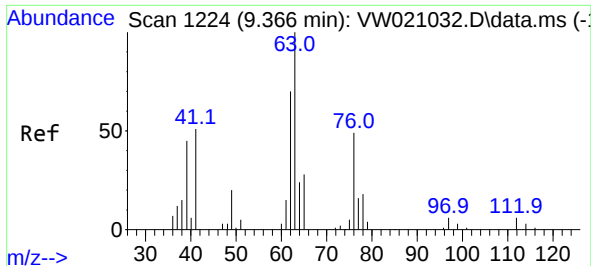


#35
Methylcyclohexane
Concen: 25.088 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 83 Resp: 48589

Ion	Ratio	Lower	Upper
83	100		
55	70.0	70.8	106.2
98	50.6	37.7	56.5





#37

1,2-Dichloropropane

Concen: 28.078 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

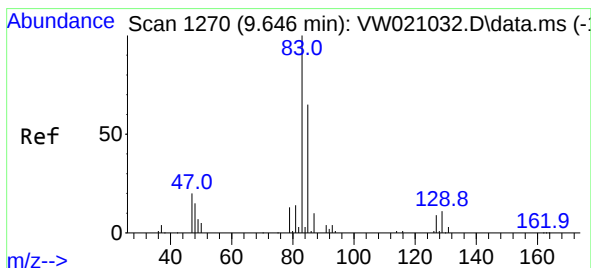
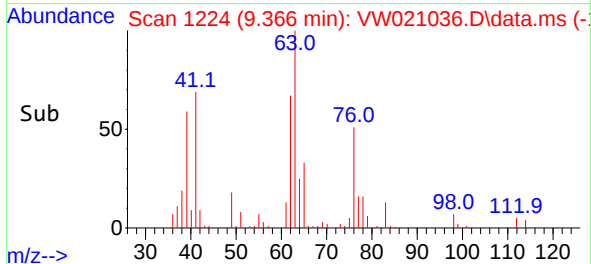
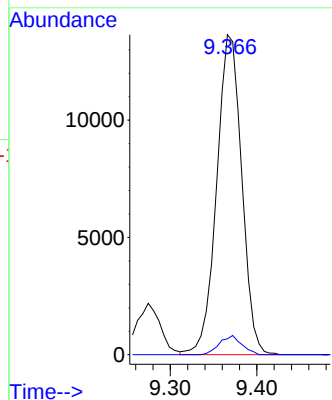
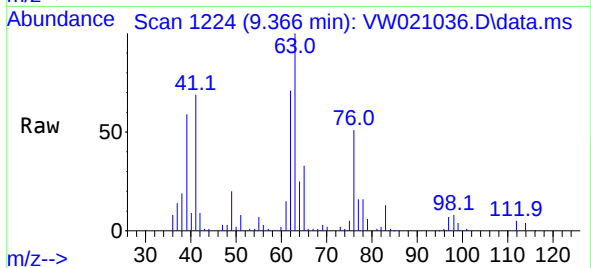
EW9F6MSD

Tgt Ion: 63 Resp: 27444

Ion Ratio Lower Upper

63 100

112 5.3 3.2 4.8#



#38

Bromodichloromethane

Concen: 27.217 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

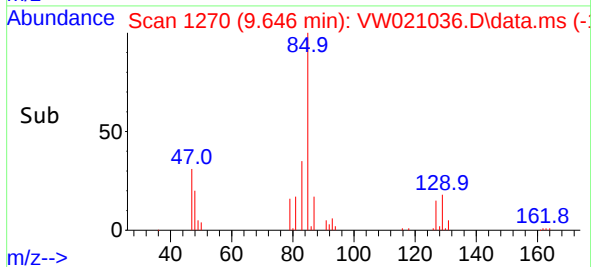
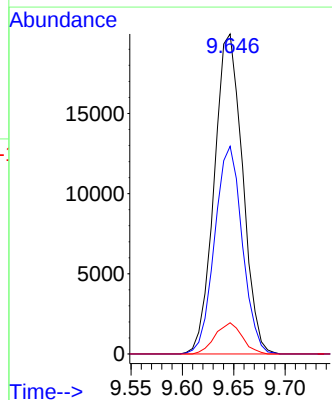
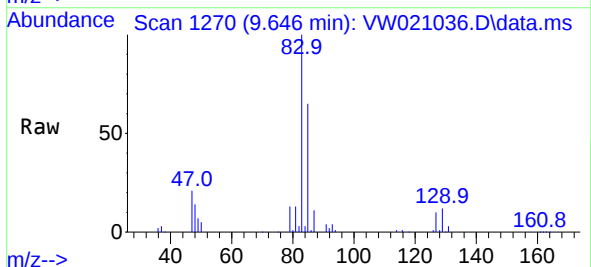
Tgt Ion: 83 Resp: 38176

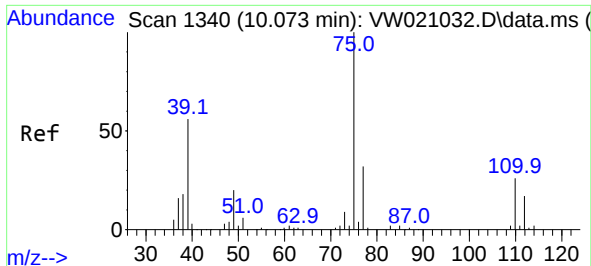
Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9

127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.005 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

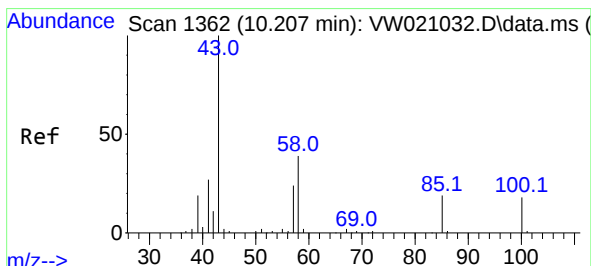
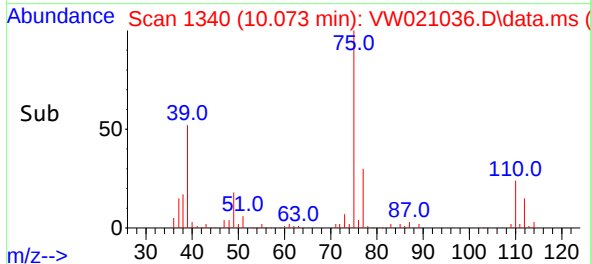
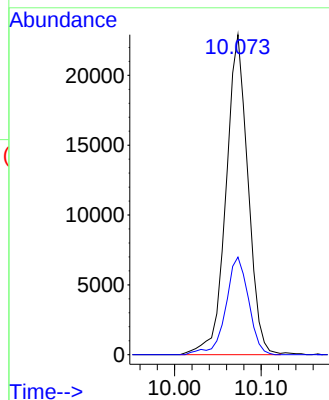
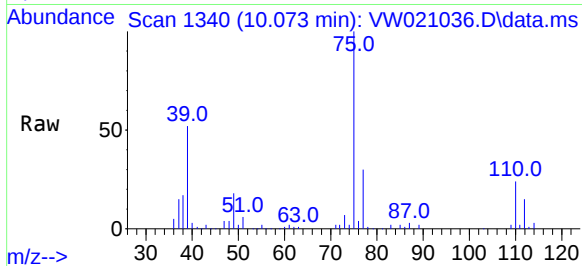
EW9F6MSD

Tgt Ion: 75 Resp: 40352

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.316 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

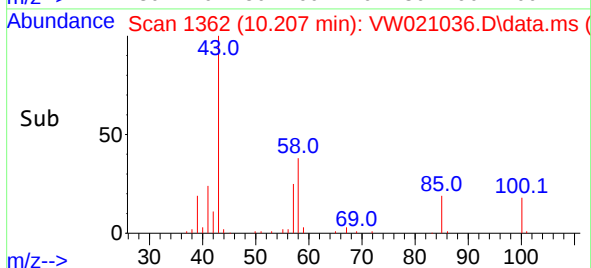
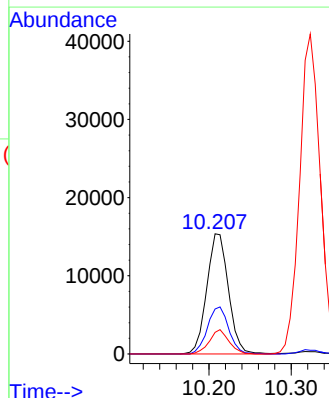
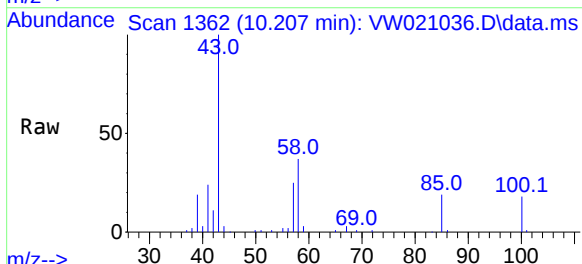
Tgt Ion: 43 Resp: 28108

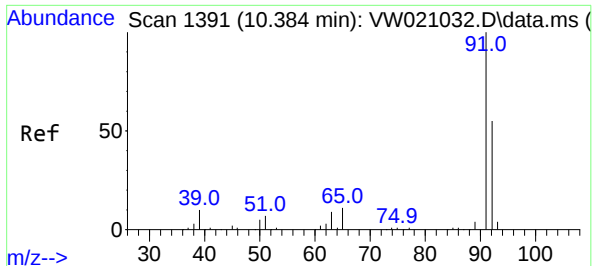
Ion Ratio Lower Upper

43 100

58 38.5 28.8 43.2

100 18.2 10.0 15.0#





#42

Toluene

Concen: 26.884 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

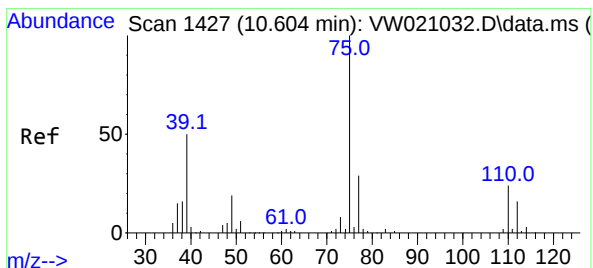
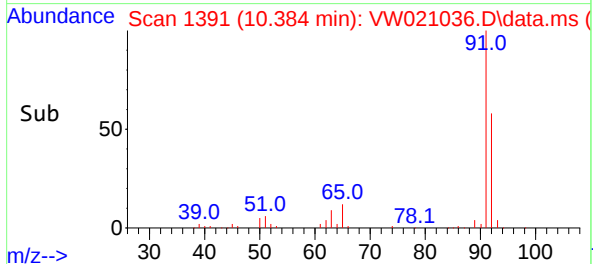
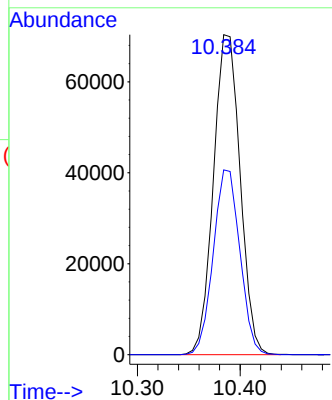
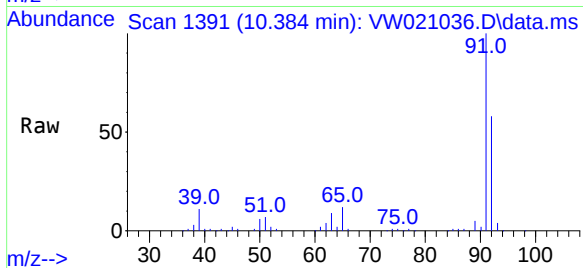
EW9F6MSD

Tgt Ion: 91 Resp: 126995

Ion Ratio Lower Upper

91 100

92 57.8 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 21.995 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021036.D

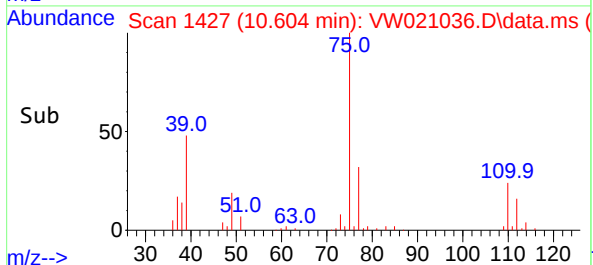
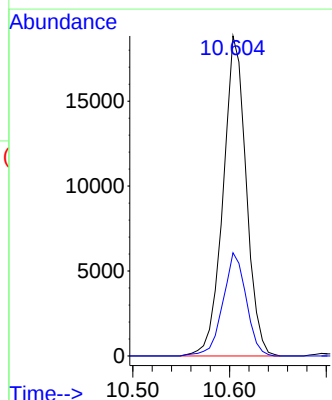
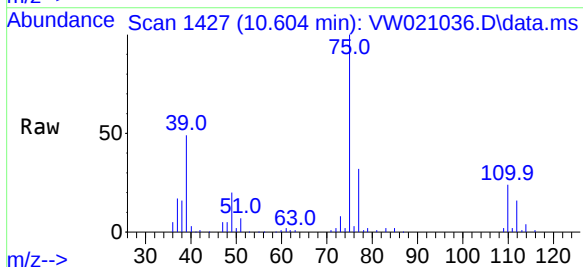
Acq: 02 Dec 2021 10:45

Tgt Ion: 75 Resp: 31195

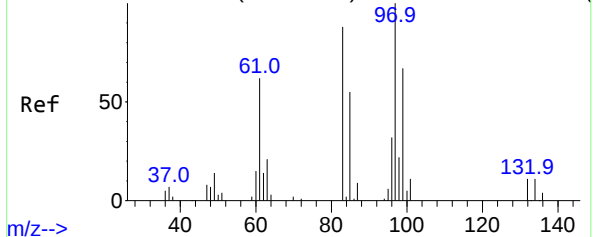
Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2

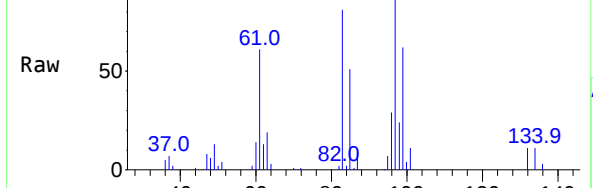


Abundance Scan 1457 (10.787 min): VW021032.D\data.ms



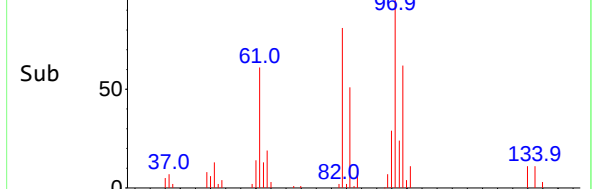
m/z-->

Abundance Scan 1457 (10.786 min): VW021036.D\data.ms



m/z-->

Abundance Scan 1457 (10.786 min): VW021036.D\data.ms



m/z-->

#45

1,1,2-Trichloroethane

Concen: 26.399 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

EW9F6MSD

Tgt Ion: 97 Resp: 20068

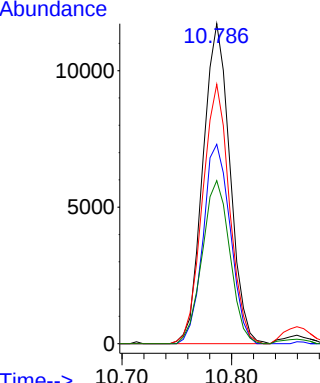
Ion Ratio Lower Upper

97 100

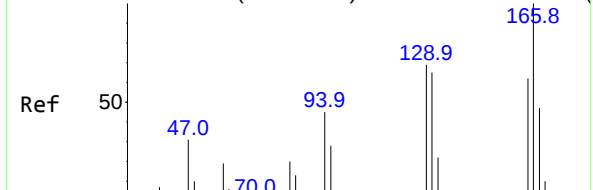
99 62.3 43.0 79.8

83 81.1 62.6 116.3

85 51.0 40.0 74.2



Abundance Scan 1469 (10.860 min): VW021032.D\data.ms



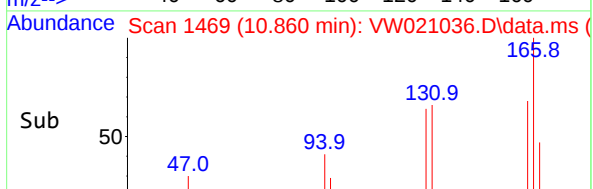
m/z-->

Abundance Scan 1469 (10.860 min): VW021036.D\data.ms



m/z-->

Abundance Scan 1469 (10.860 min): VW021036.D\data.ms



m/z-->

#46

Tetrachloroethene

Concen: 46.007 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Tgt Ion:164 Resp: 49621

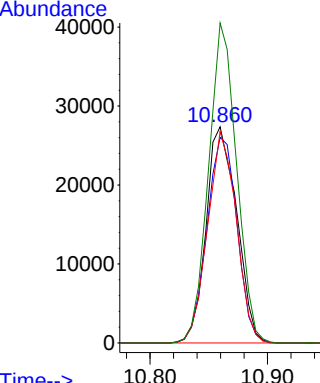
Ion Ratio Lower Upper

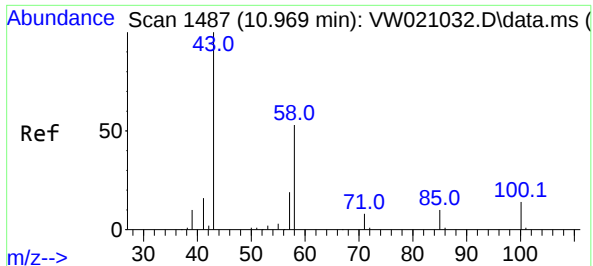
164 100

129 95.1 65.5 121.7

131 97.7 59.7 110.9

166 148.0 88.7 164.7

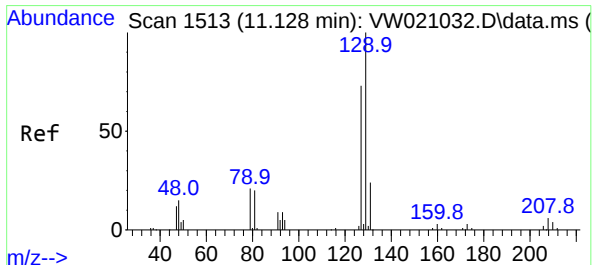
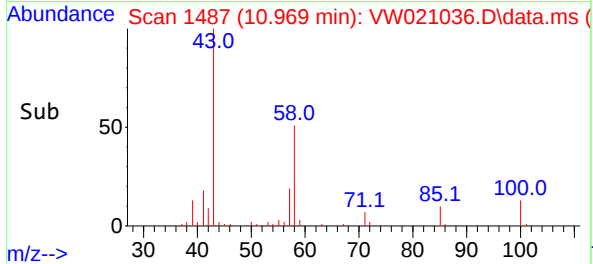
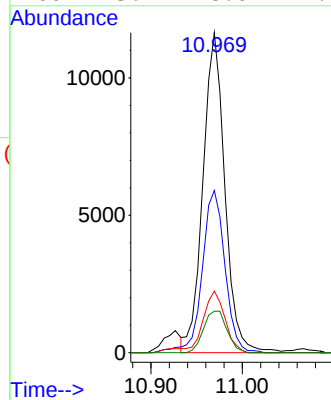
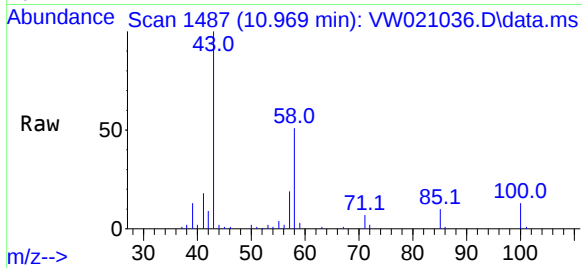




#48
2-Hexanone
Concen: 48.148 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

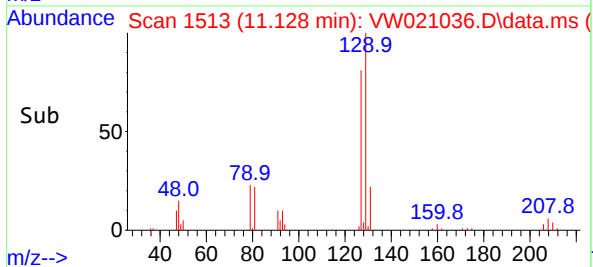
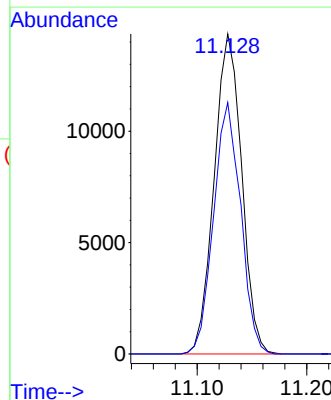
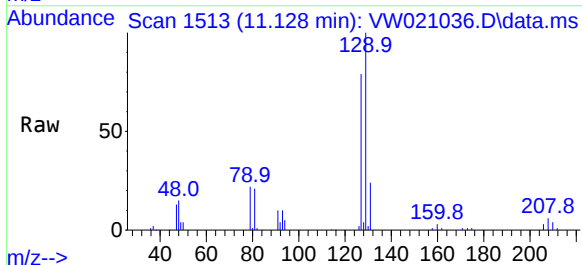
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

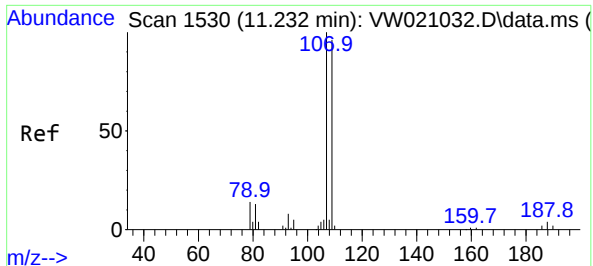
Tgt Ion: 43 Resp: 19402
Ion Ratio Lower Upper
43 100
58 52.3 40.2 60.2
57 18.8 14.3 21.5
100 13.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.911 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 129 Resp: 25059
Ion Ratio Lower Upper
129 100
127 78.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.332 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

EW9F6MSD

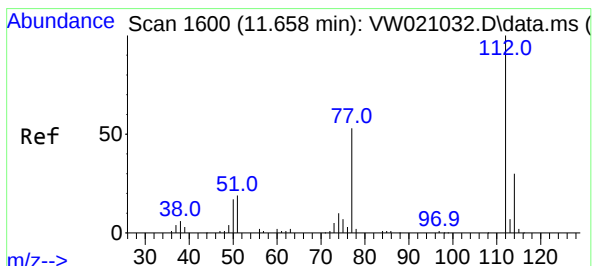
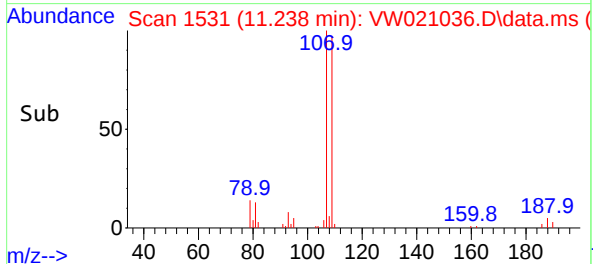
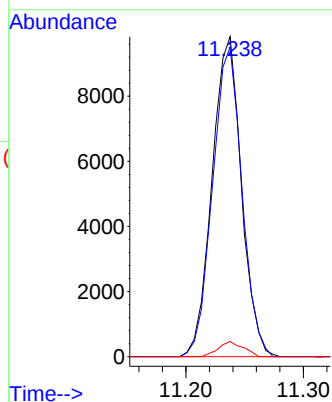
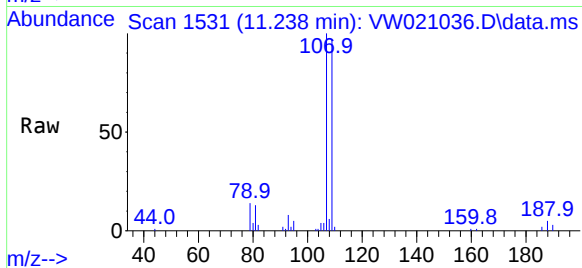
Tgt Ion:107 Resp: 17020

Ion Ratio Lower Upper

107 100

109 96.8 64.1 119.1

188 4.7 2.6 3.8#



#51

Chlorobenzene

Concen: 21.861 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

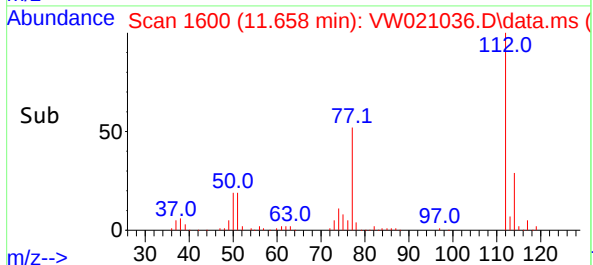
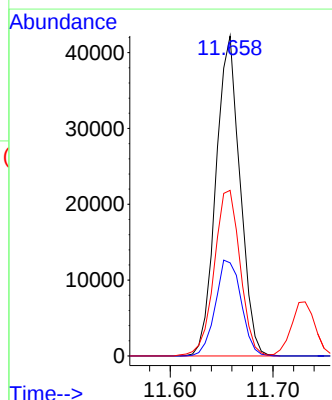
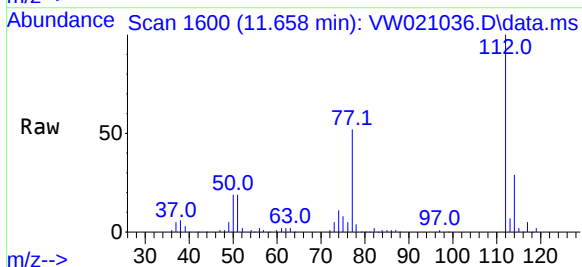
Tgt Ion:112 Resp: 68682

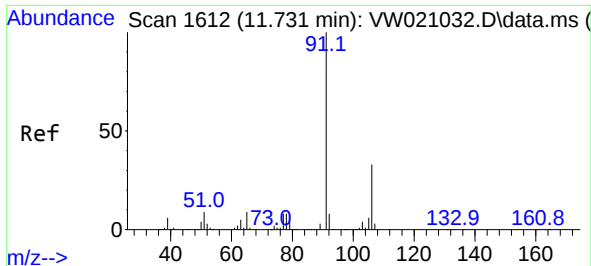
Ion Ratio Lower Upper

112 100

114 29.1 22.4 41.6

77 51.8 50.2 75.4

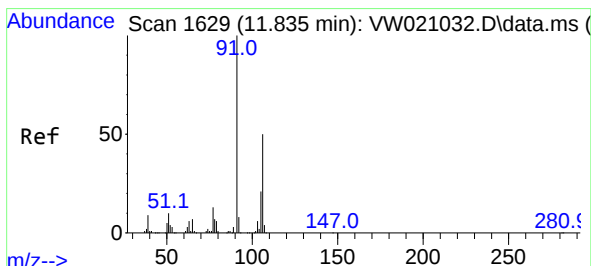
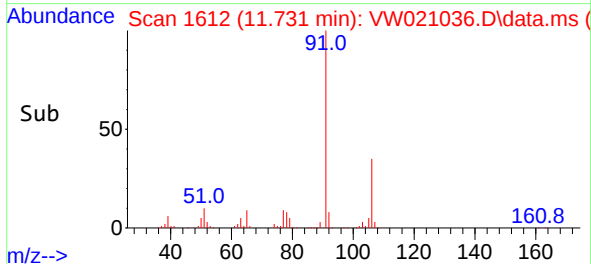
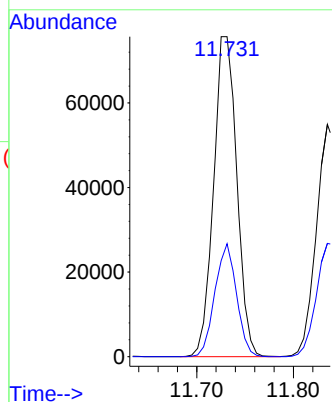
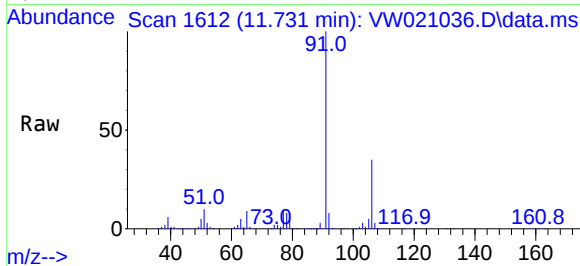




#52
Ethylbenzene
Concen: 24.101 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

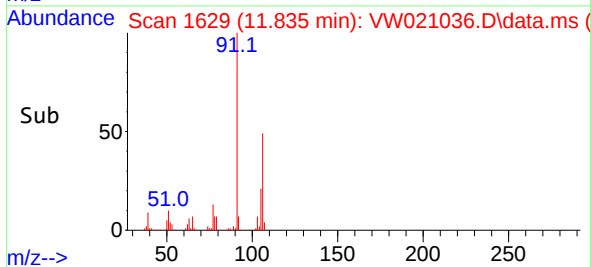
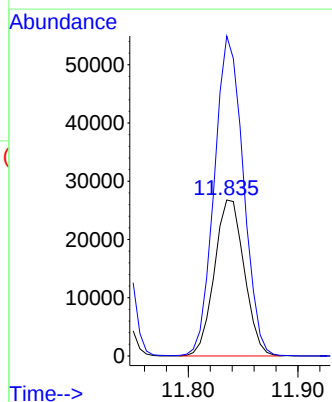
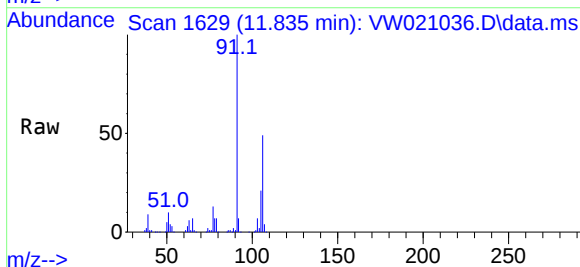
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

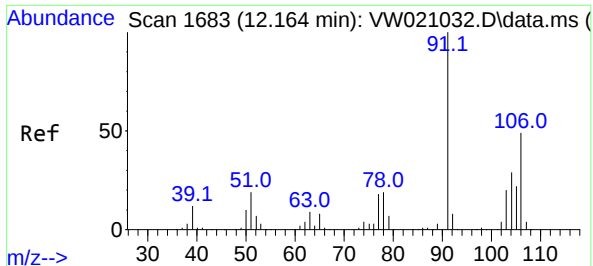
Tgt Ion: 91 Resp: 126160
Ion Ratio Lower Upper
91 100
106 35.3 21.5 39.9



#53
m,p-Xylene
Concen: 23.705 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion:106 Resp: 50661
Ion Ratio Lower Upper
106 100
91 205.2 149.9 278.3

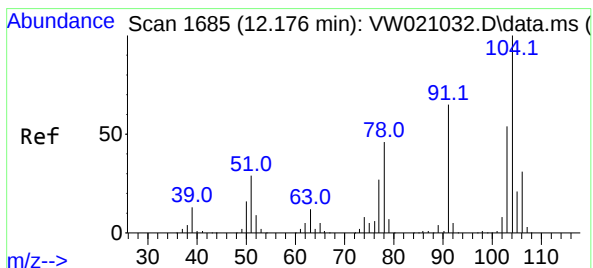
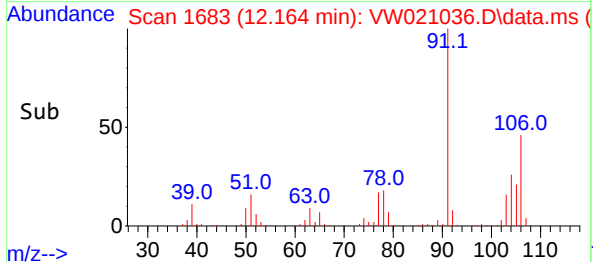
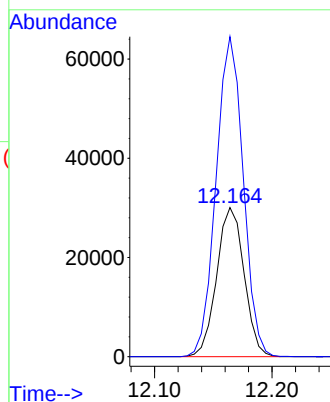
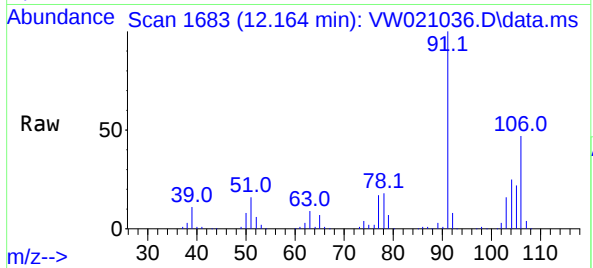




#54
o-Xylene
Concen: 23.756 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

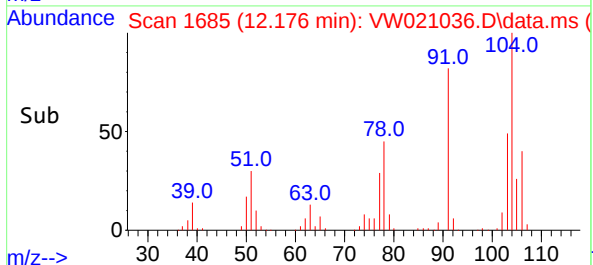
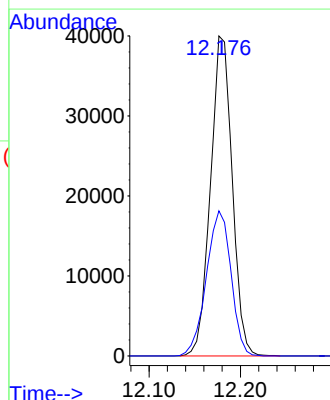
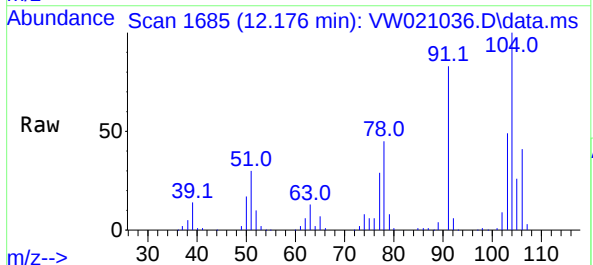
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

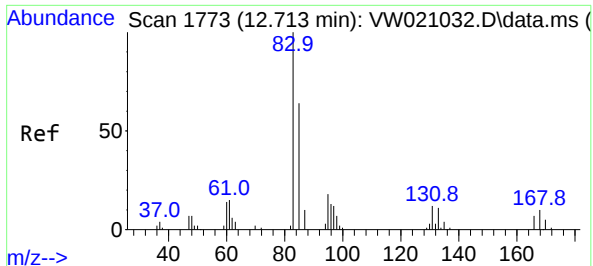
Tgt Ion:106 Resp: 48759
Ion Ratio Lower Upper
106 100
91 214.5 153.6 285.3



#55
Styrene
Concen: 19.375 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion:104 Resp: 66031
Ion Ratio Lower Upper
104 100
78 45.4 34.4 64.0

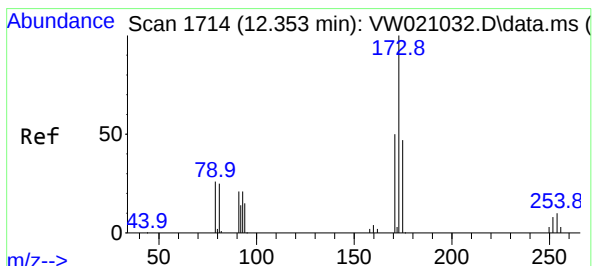
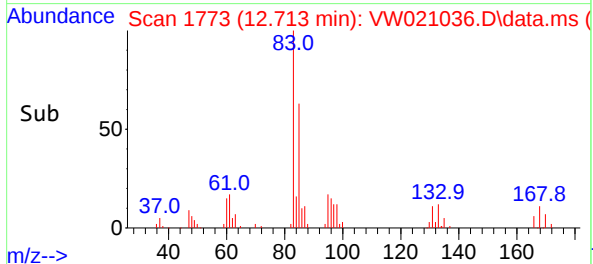
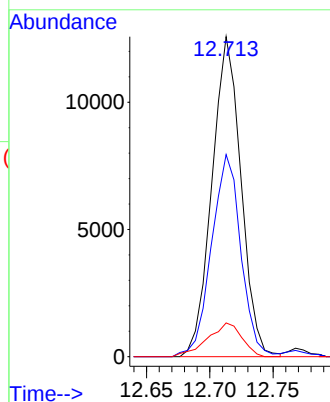
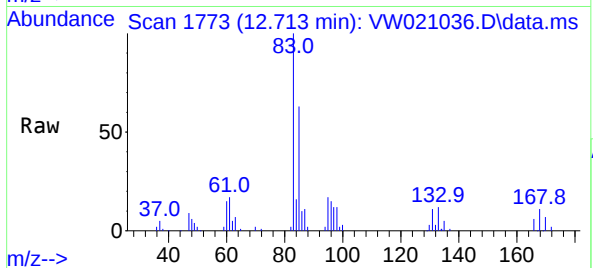




#57
1,1,2,2-Tetrachloroethane
Concen: 23.841 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

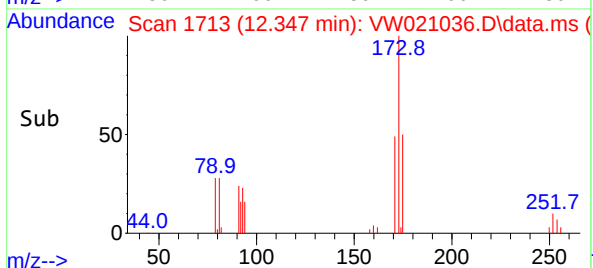
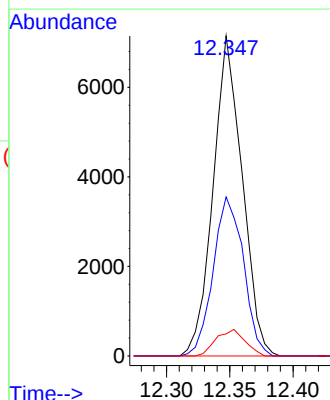
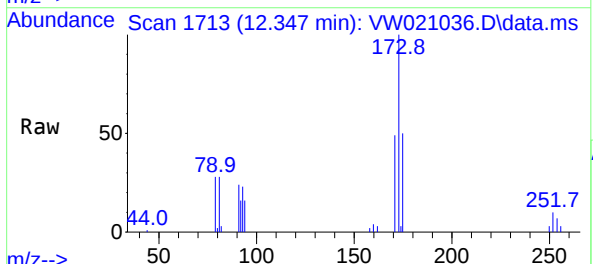
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

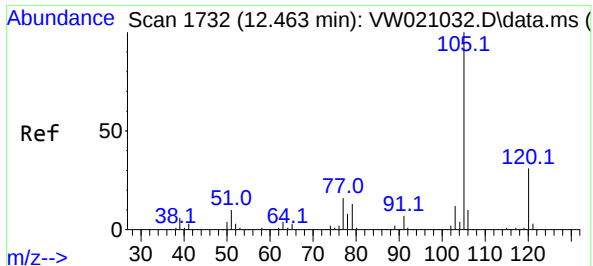
Tgt Ion: 83 Resp: 20087
Ion Ratio Lower Upper
83 100
85 63.1 44.0 81.6
131 10.5 6.9 10.3#



#59
Bromoform
Concen: 34.411 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 173 Resp: 11411
Ion Ratio Lower Upper
173 100
175 51.7 39.6 59.4
254 8.3 7.4 11.0

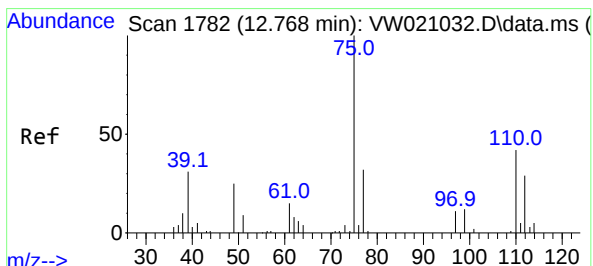
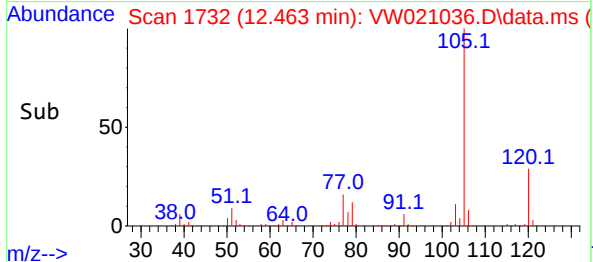
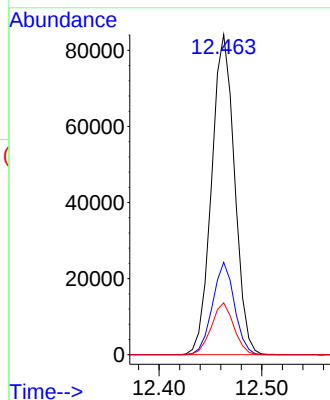
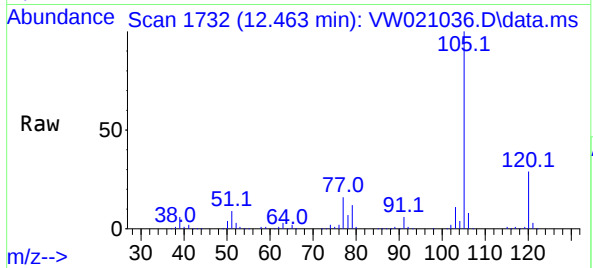




#60
Isopropylbenzene
Concen: 43.017 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

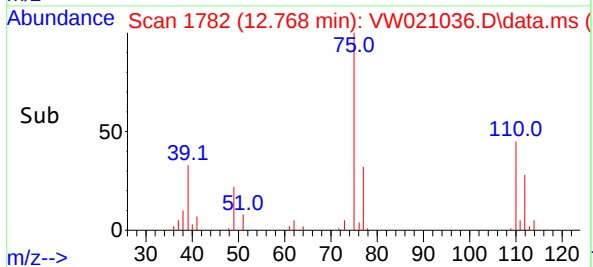
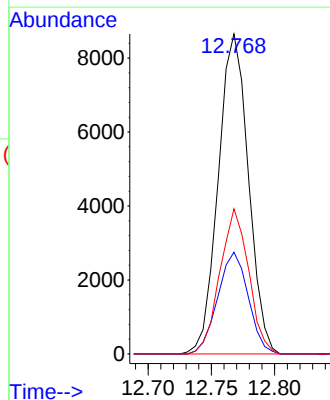
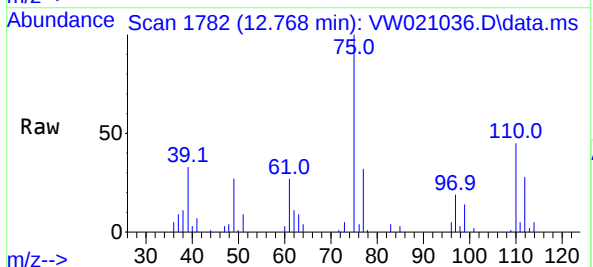
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

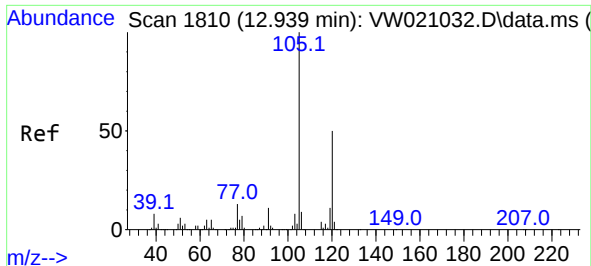
Tgt Ion:105 Resp: 130306
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 15.9 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 43.955 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 75 Resp: 14339
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 43.4 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 40.717 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

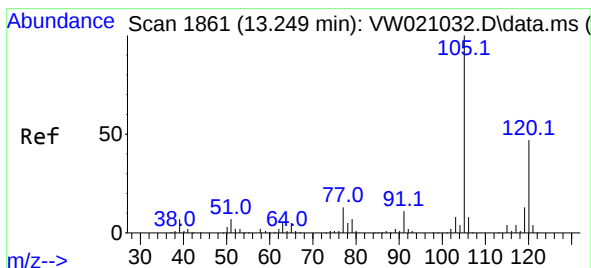
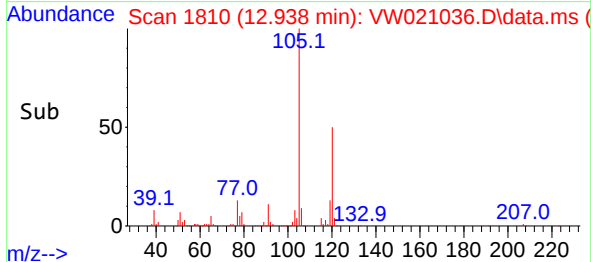
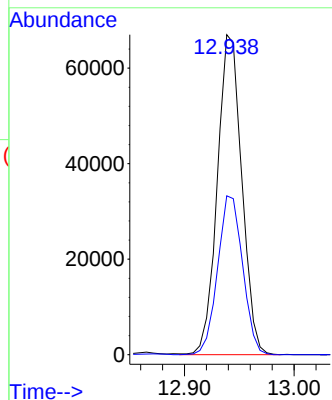
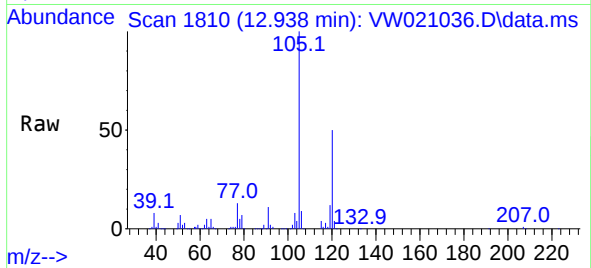
EW9F6MSD

Tgt Ion:105 Resp: 104046

Ion Ratio Lower Upper

105 100

120 50.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 36.801 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021036.D

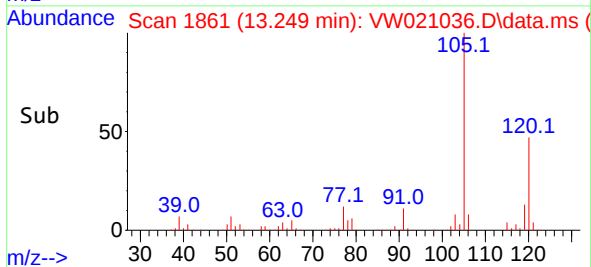
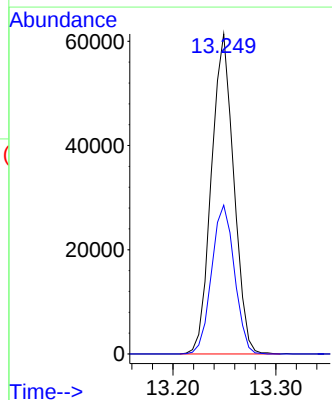
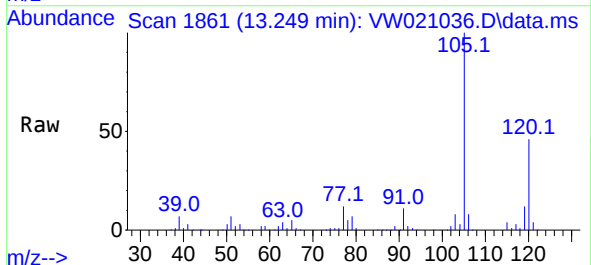
Acq: 02 Dec 2021 10:45

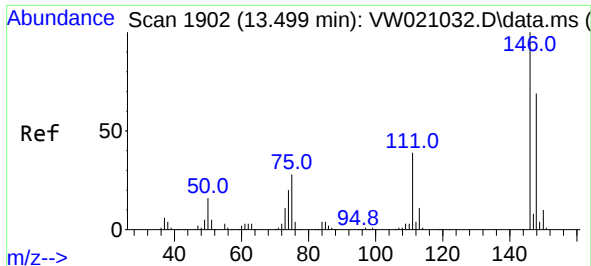
Tgt Ion:105 Resp: 92782

Ion Ratio Lower Upper

105 100

120 47.4 35.0 52.6

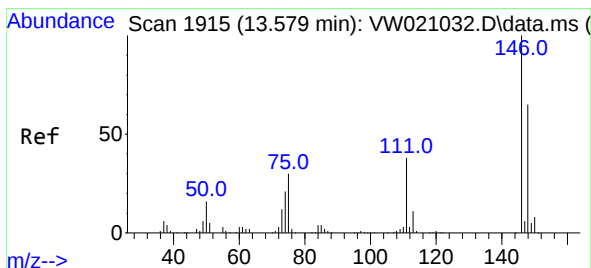
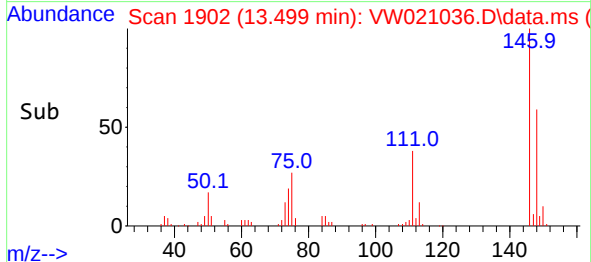
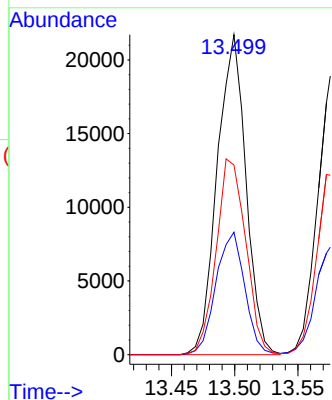
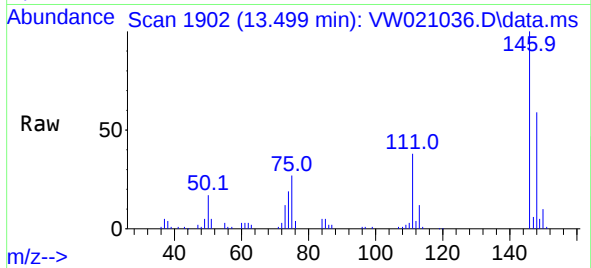




#64
1,3-Dichlorobenzene
Concen: 24.157 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

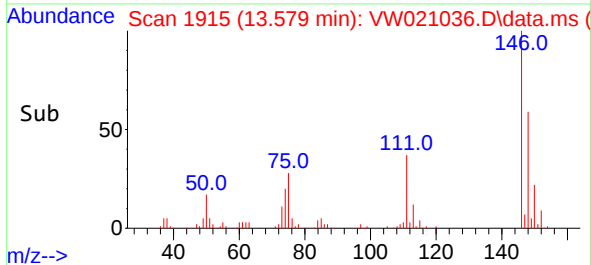
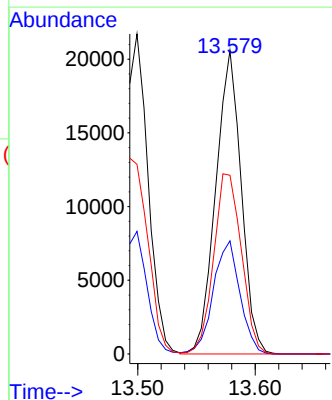
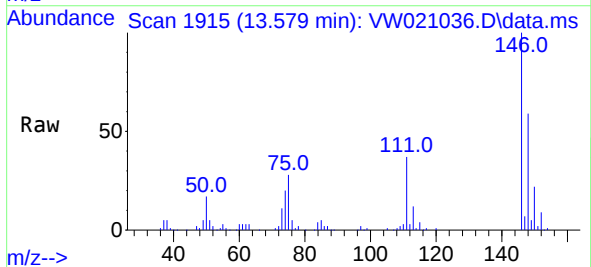
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

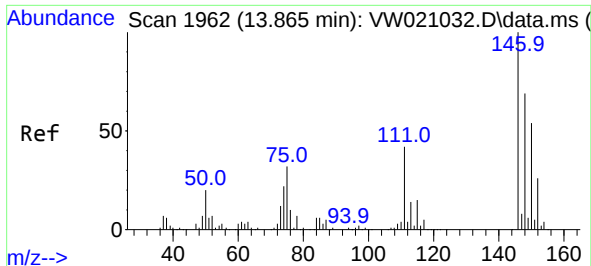
Tgt Ion:146 Resp: 34307
Ion Ratio Lower Upper
146 100
111 38.3 29.8 55.3
148 59.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.707 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion:146 Resp: 31097
Ion Ratio Lower Upper
146 100
111 37.3 29.0 53.9
148 58.9 46.9 87.1

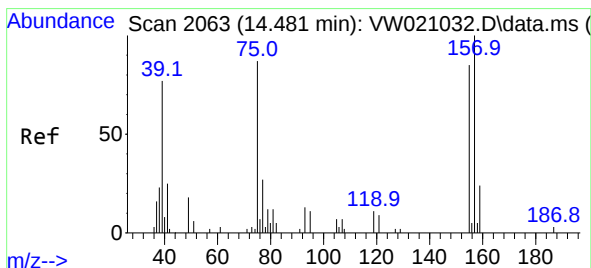
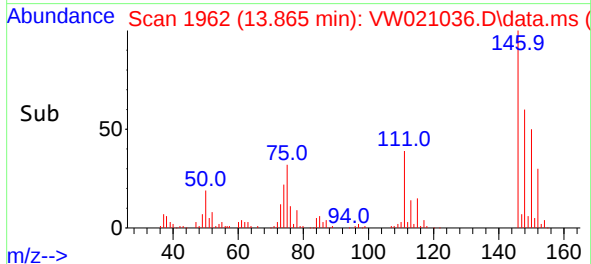
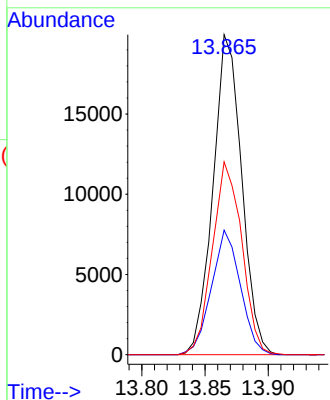
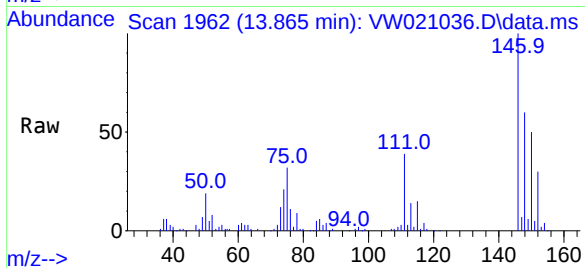




#67
1,2-Dichlorobenzene
Concen: 25.106 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

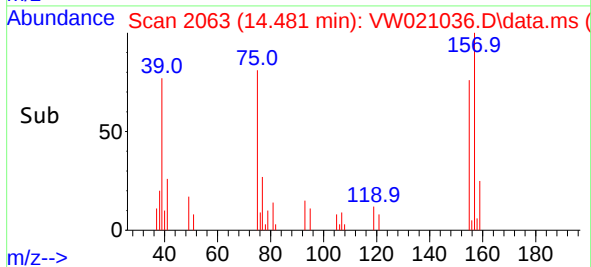
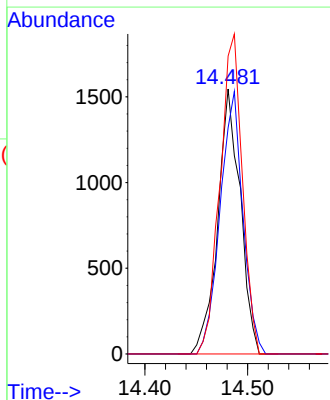
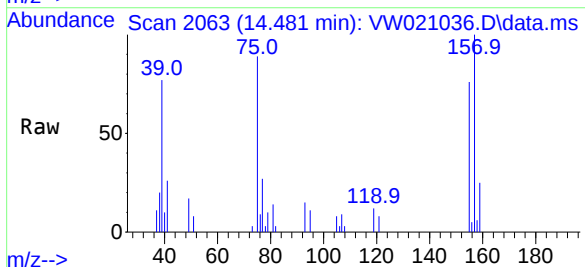
Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

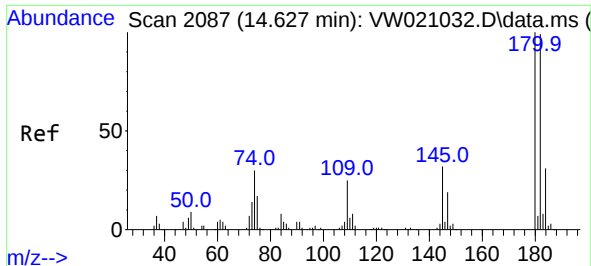
Tgt Ion:146 Resp: 31419
Ion Ratio Lower Upper
146 100
111 38.9 33.1 49.7
148 60.2 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 30.029 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
155 85.4 54.2 81.2#
157 112.4 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 15.520 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

Instrument :

MSVOA_W

ClientSampleId :

EW9F6MSD

Tgt Ion:180 Resp: 17457

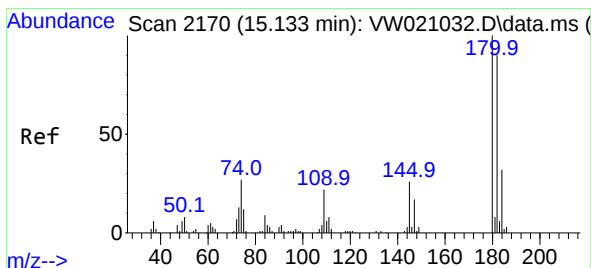
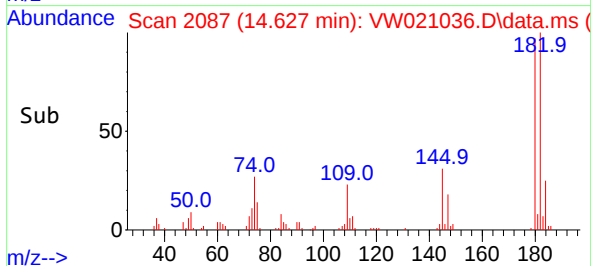
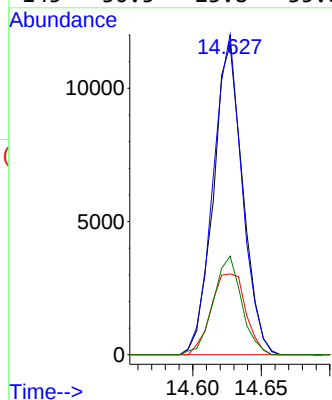
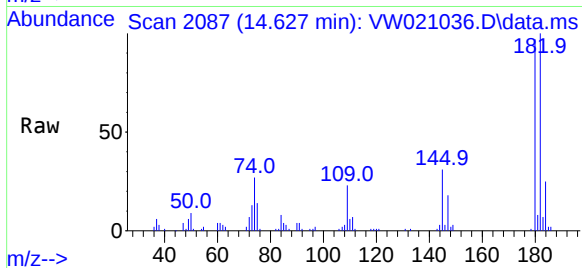
Ion Ratio Lower Upper

180 100

182 101.1 75.4 113.0

184 30.5 23.8 35.8

145 30.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 9.698 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021036.D

Acq: 02 Dec 2021 10:45

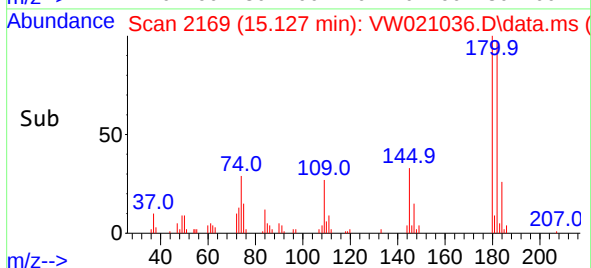
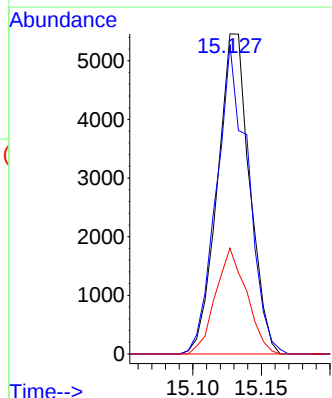
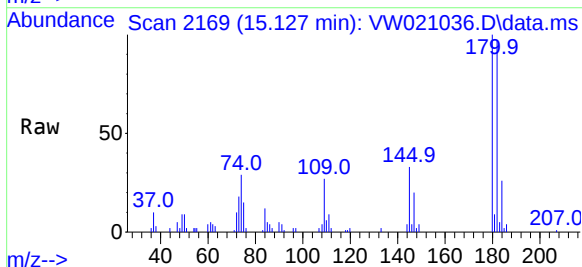
Tgt Ion:180 Resp: 8924

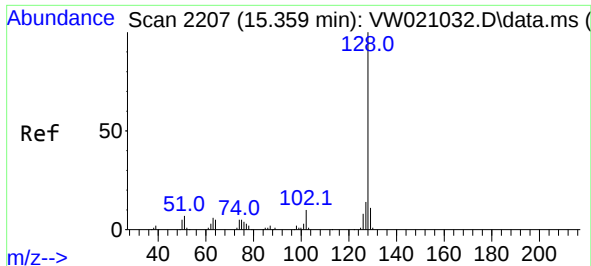
Ion Ratio Lower Upper

180 100

182 94.3 79.0 118.6

145 31.9 26.0 39.0

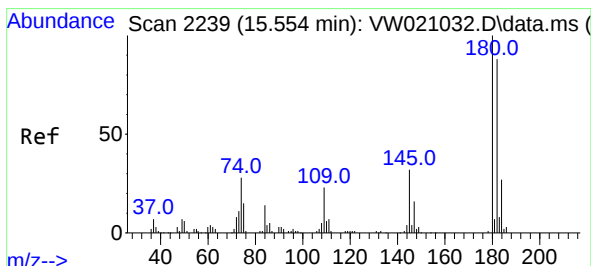
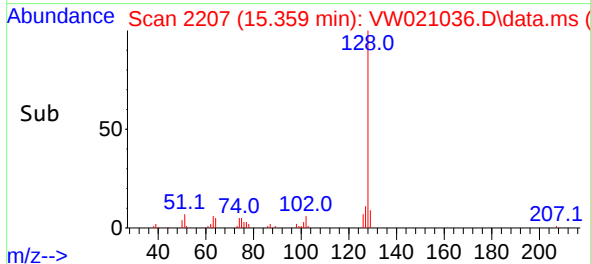
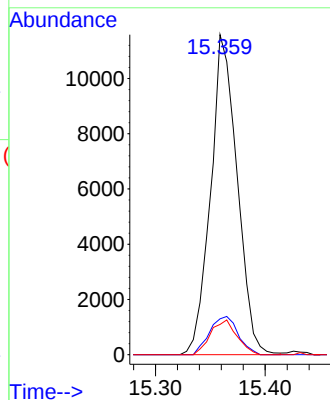
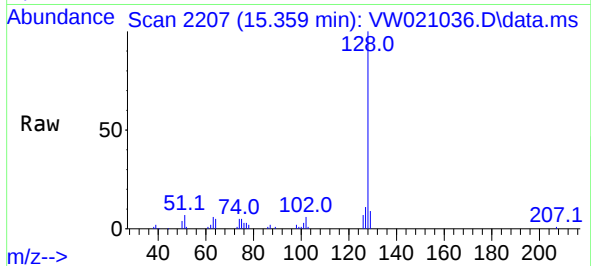




#71
Naphthalene
Concen: 12.999 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Instrument :
MSVOA_W
ClientSampleId :
EW9F6MSD

Tgt Ion:	128	Resp:	19491
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.7	16.1
129	10.8	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 10.262 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW021036.D
Acq: 02 Dec 2021 10:45

Tgt Ion:	180	Resp:	7969
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.6	114.8
145	32.0	27.4	41.0

