

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
 Data File : VW022706.D
 Acq On : 29 Apr 2022 17:45
 Operator : SY/VA
 Sample : N2603-21MS
 Misc : 5.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4A1MS

Quant Time: Apr 29 22:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 22:19:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	325166	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	305333	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	150489	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	86961	12.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.400%
7) Chloroethane-d5	2.885	69	99975	22.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	4.019	63	146755	15.740	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.960%
21) 2-Butanone-d5	7.092	46	65073	51.851	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.700%
24) Chloroform-d	7.647	84	225101	22.148	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	8.305	65	117593	20.250	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	8.275	84	358287	19.206	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.840%
36) 1,2-Dichloropropane-d6	9.274	67	120406	22.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.200%
41) Toluene-d8	10.323	98	317261	17.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.440%
43) trans-1,3-Dichloroprop...	10.579	79	46138	18.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.440%
47) 2-Hexanone-d5	10.920	63	55091	54.850	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.700%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127462	27.768	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	125556	23.555	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	38708	24.284	ug/L	98
3) Chloromethane	2.209	50	91016	22.902	ug/L	97
5) Vinyl chloride	2.361	62	175770	21.196	ug/L	93
6) Bromomethane	2.782	94	121765	24.155	ug/L	98
8) Chloroethane	2.922	64	107637	29.649	ug/L	99
9) Trichlorofluoromethane	3.251	101	90177	29.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	114172	23.420	ug/L	95
12) 1,1-Dichloroethene	4.037	96	101526	23.189	ug/L	85
13) Acetone	4.153	43	51019	59.707	ug/L	95
14) Carbon disulfide	4.385	76	236395	16.413	ug/L	100
15) Methyl Acetate	4.684	43	41076	19.156	ug/L	93
16) Methylene chloride	4.915	84	129001	26.365	ug/L	87
17) trans-1,2-Dichloroethene	5.421	96	114010	22.229	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	194370	23.205	ug/L	97
19) 1,1-Dichloroethane	6.214	63	215395	23.017	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	131050	24.193	ug/L	94
22) 2-Butanone	7.183	43	63828	49.458	ug/L	95
23) Bromochloromethane	7.512	128	59557	25.548	ug/L	88
25) Chloroform	7.677	83	242563	24.610	ug/L	98

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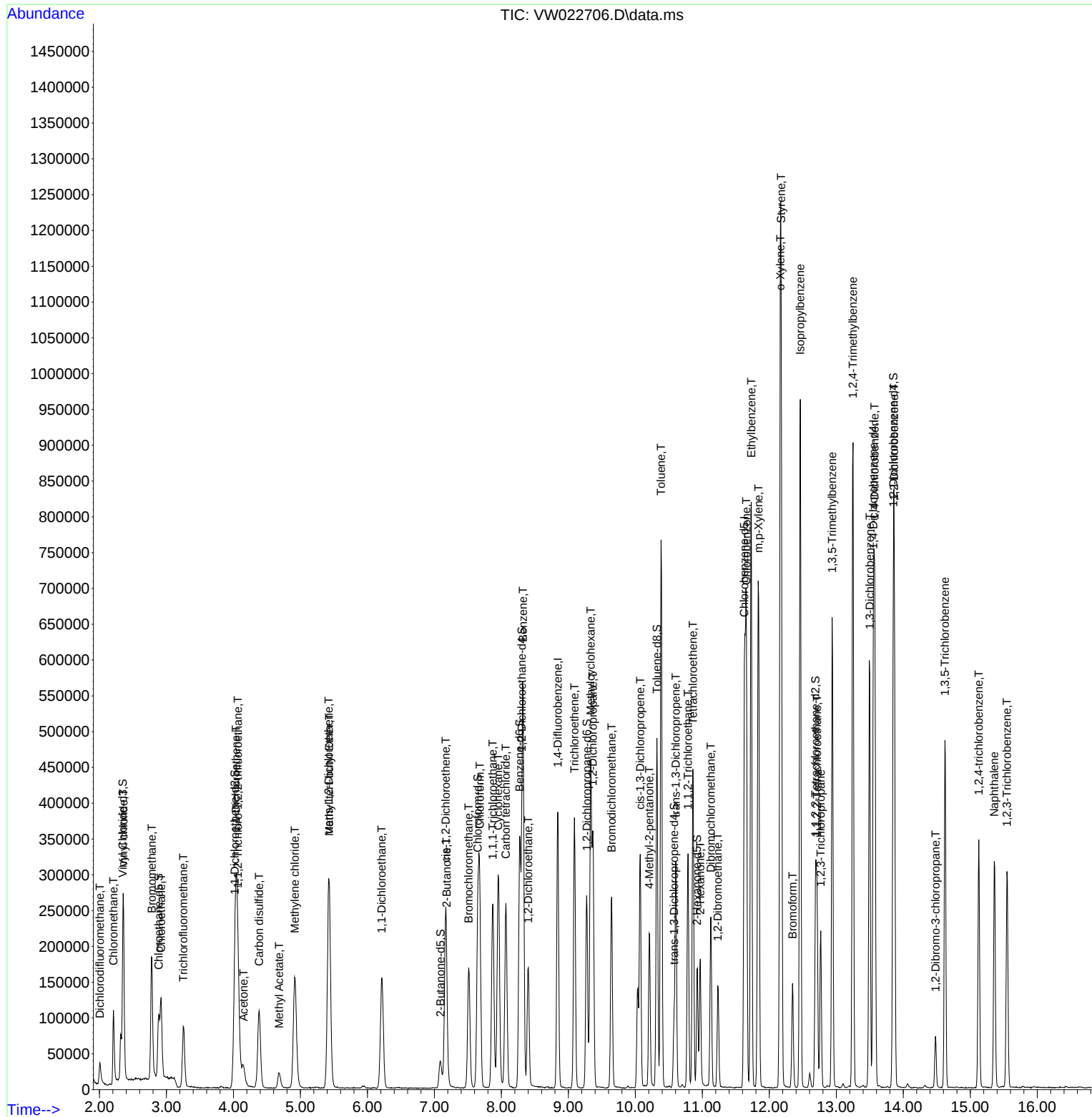
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	150591	21.738	ug/L	96
29) Cyclohexane	7.951	56	162287	18.571	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	206652	24.399	ug/L	97
31) Carbon tetrachloride	8.067	117	184173	24.227	ug/L	97
33) Benzene	8.323	78	485352	23.413	ug/L	100
34) Trichloroethene	9.091	95	128416	23.136	ug/L	97
35) Methylcyclohexane	9.335	83	186767	18.755	ug/L	95
37) 1,2-Dichloropropane	9.366	63	119543	24.071	ug/L	99
38) Bromodichloromethane	9.646	83	171682	24.039	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	184742	23.443	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	137904	45.501	ug/L	96
42) Toluene	10.384	91	553790	23.313	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	160023	22.678	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	96956	25.581	ug/L	99
46) Tetrachloroethene	10.859	164	91366	22.393	ug/L	86
48) 2-Hexanone	10.969	43	106788	49.944	ug/L	93
49) Dibromochloromethane	11.128	129	114394	25.307	ug/L	93
50) 1,2-Dibromoethane	11.231	107	91872	24.548	ug/L	98
51) Chlorobenzene	11.658	112	345869	23.827	ug/L	93
52) Ethylbenzene	11.731	91	588264	22.094	ug/L	97
53) m,p-Xylene	11.841	106	229110	22.630	ug/L	88
54) o-Xylene	12.164	106	232609	24.043	ug/L	95
55) Styrene	12.176	104	389164	23.544	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	118811	25.540	ug/L	99
59) Bromoform	12.347	173	59560	26.635	ug/L	98
60) Isopropylbenzene	12.463	105	620296	24.813	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	84072	26.262	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	334489	24.330	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	502362	24.029	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	234573	23.121	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	236711	23.394	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	223453	24.627	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16829	22.667	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	135492	20.469	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	97329	17.507	ug/L	95
71) Naphthalene	15.359	128	271413	23.147	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	95866	20.174	ug/L	99

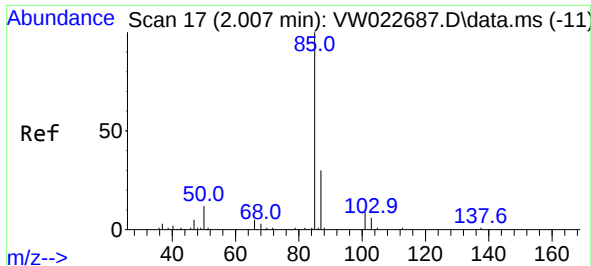
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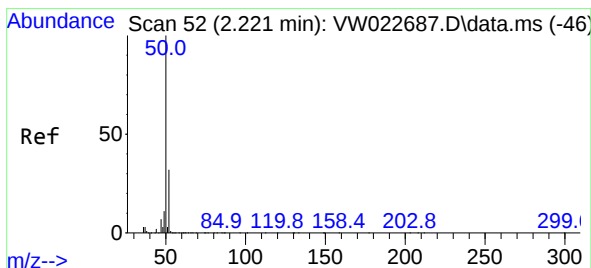
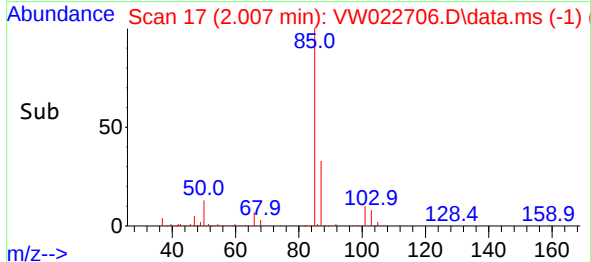
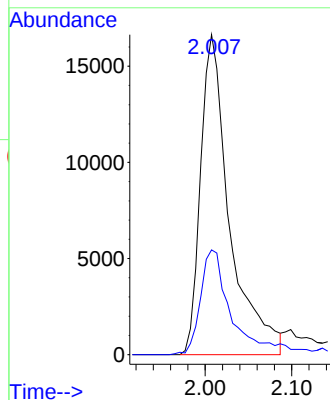
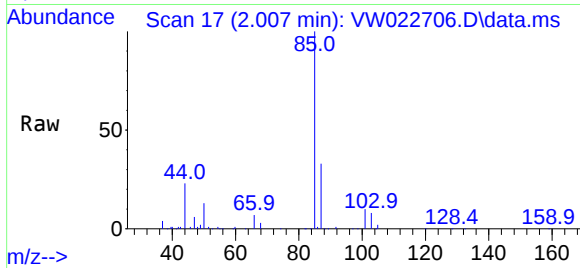




#2
Dichlorodifluoromethane
Concen: 24.284 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022706.D
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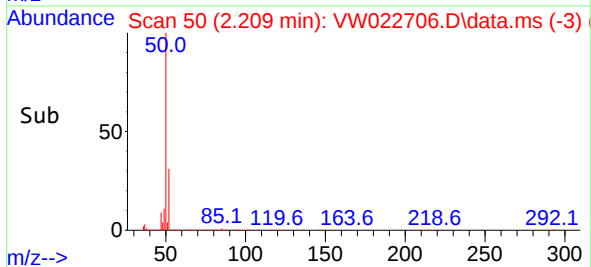
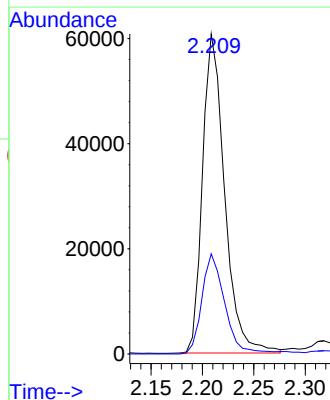
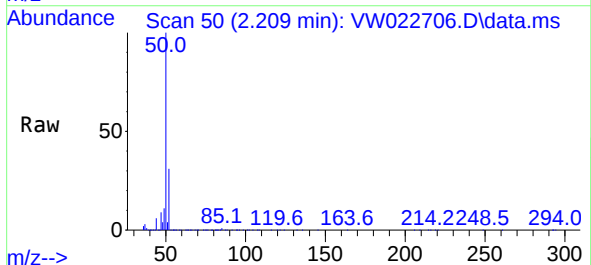
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MSVOA_W
ClientSampleId :
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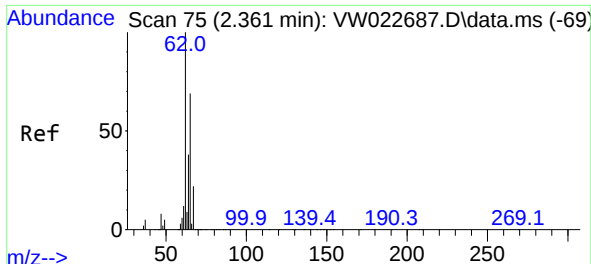
Tgt Ion: 85 Resp: 38708
Ion Ratio Lower Upper
85 100
87 30.8 23.7 35.5



#3
Chloromethane
Concen: 22.902 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.012 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 50 Resp: 91016
Ion Ratio Lower Upper
50 100
52 31.3 23.0 42.6

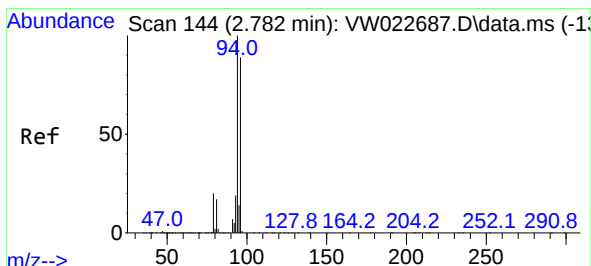
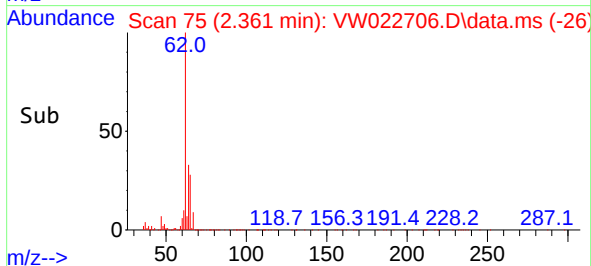
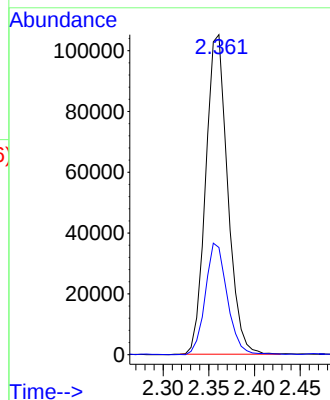
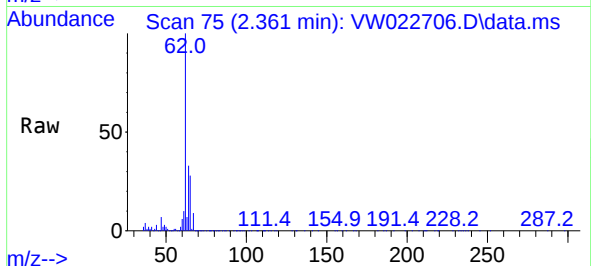




#5
 Vinyl chloride
 Concen: 21.196 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022706.D
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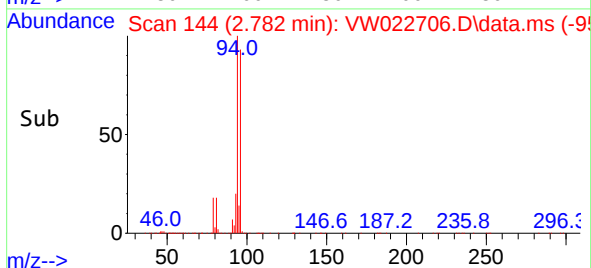
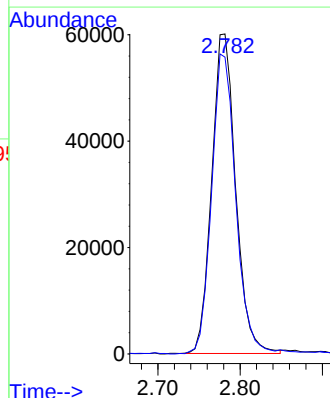
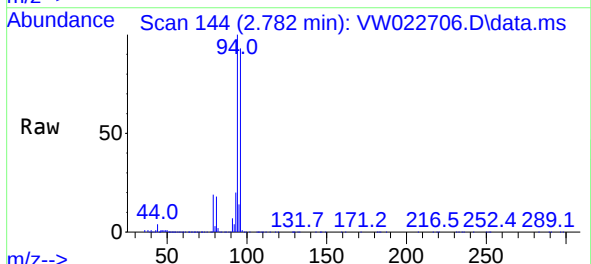
Instrument :
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 ClientSampleId :
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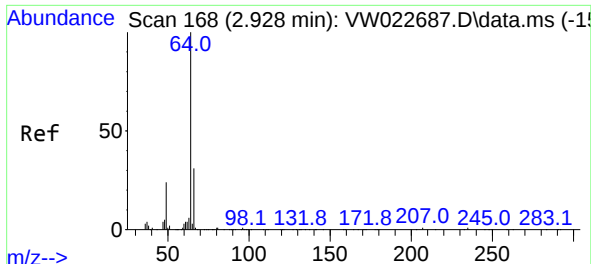
Tgt Ion: 62 Resp: 175770
 Ion Ratio Lower Upper
 62 100
 64 33.5 26.5 49.3



#6
 Bromomethane
 Concen: 24.155 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022706.D
 Acq: 29 Apr 2022 17:45

Tgt Ion: 94 Resp: 121765
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.6 123.6

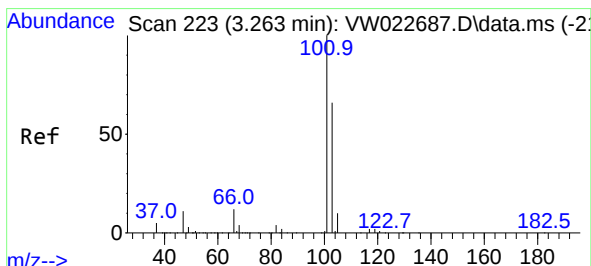
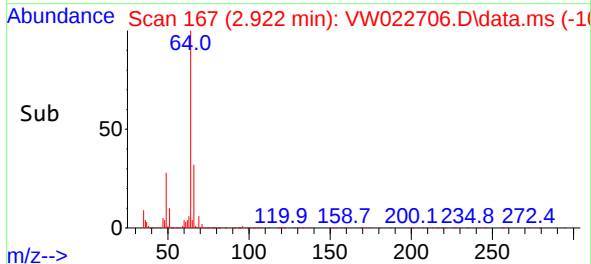
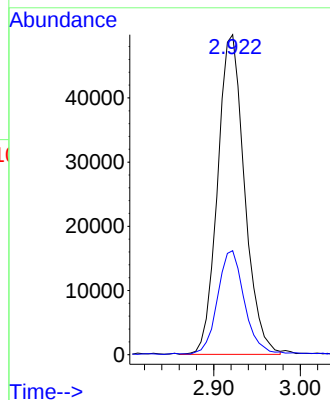
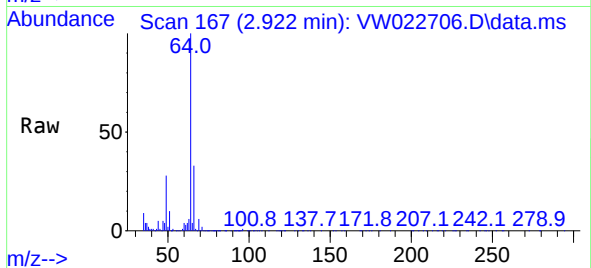




#8
Chloroethane
Concen: 29.649 ug/L
RT: 2.922 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

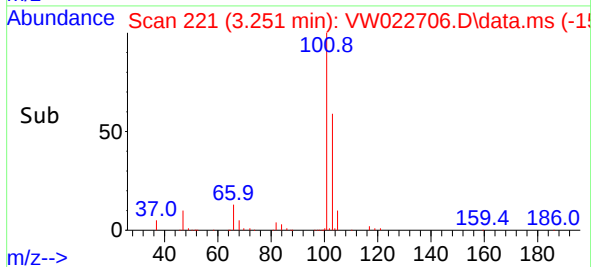
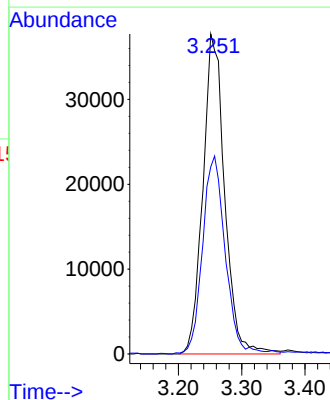
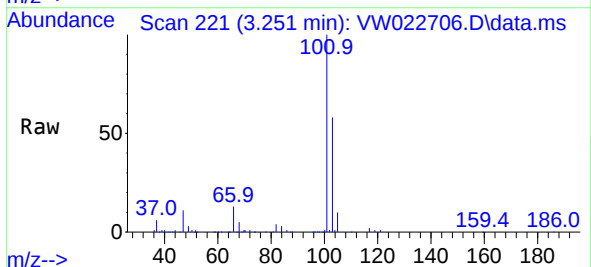
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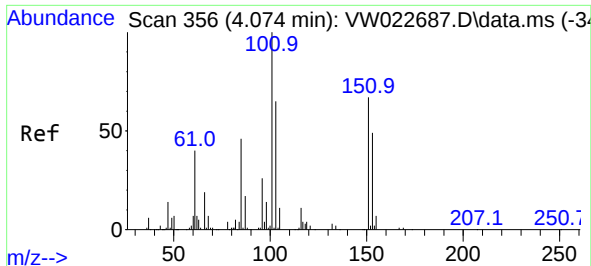
Tgt Ion: 64 Resp: 107637
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 29.455 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 101 Resp: 90177
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

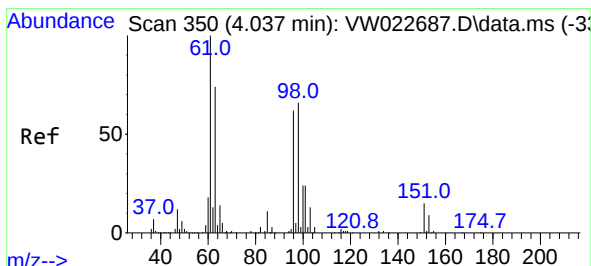
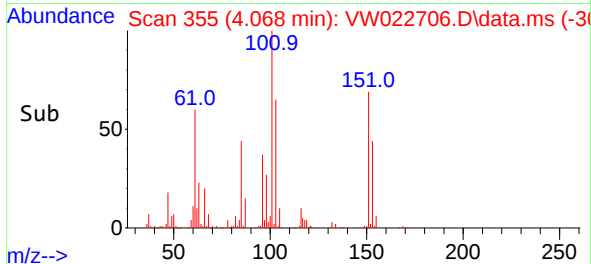
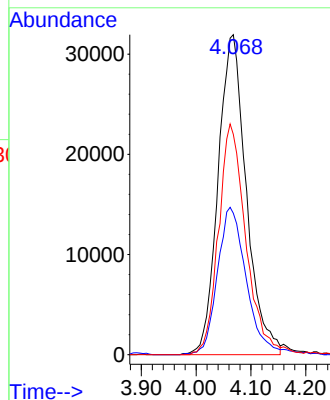
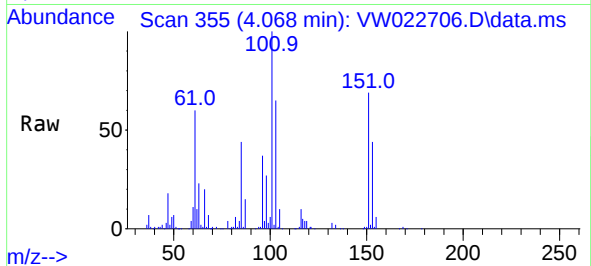




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.420 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022706.D
 Acq: 29 Apr 2022 17:45

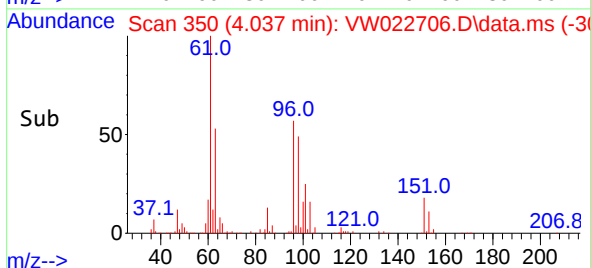
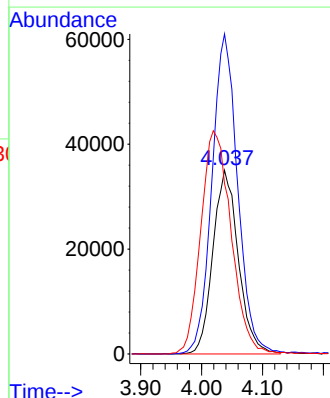
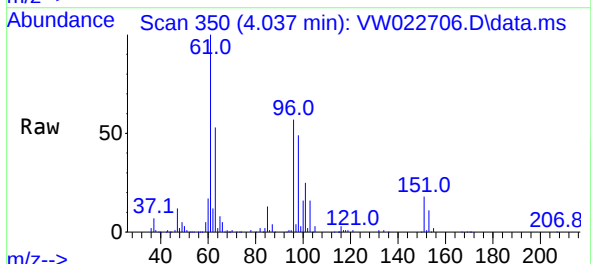
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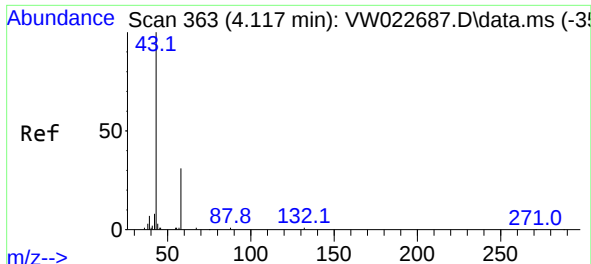
Tgt Ion:101 Resp: 114172
 Ion Ratio Lower Upper
 101 100
 85 46.7 39.2 58.8
 151 69.5 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 23.189 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022706.D
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Tgt Ion: 96 Resp: 101526
 Ion Ratio Lower Upper
 96 100
 61 174.3 128.0 237.6
 63 92.8 86.6 160.8

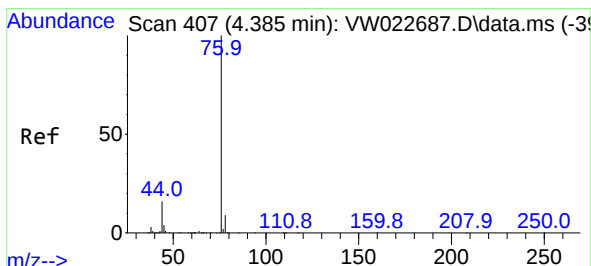
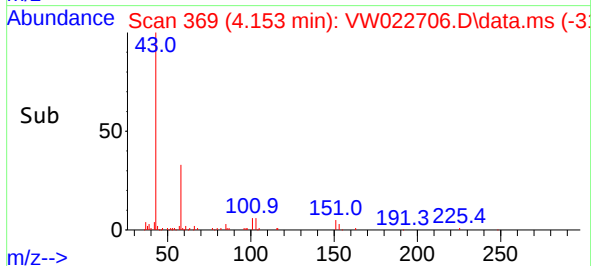
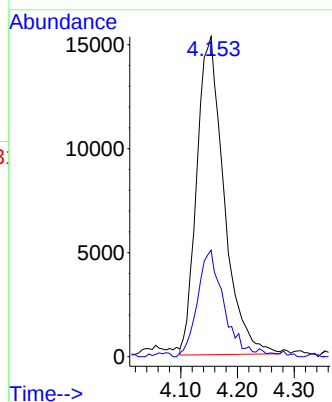
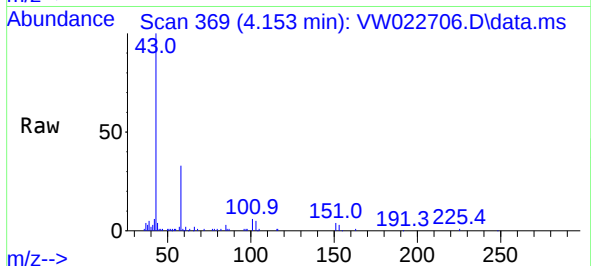




#13
Acetone
Concen: 59.707 ug/L
RT: 4.153 min Scan# 369
Delta R.T. 0.037 min
Lab File: VW022706.D
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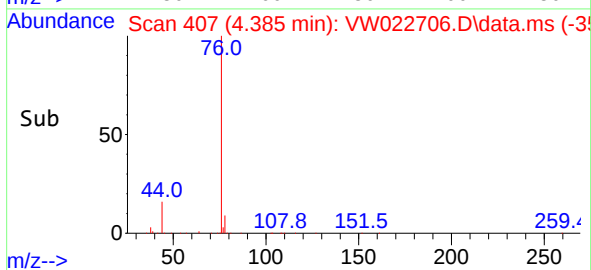
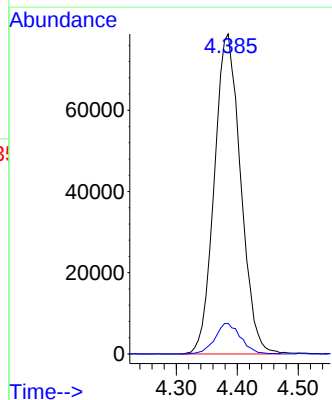
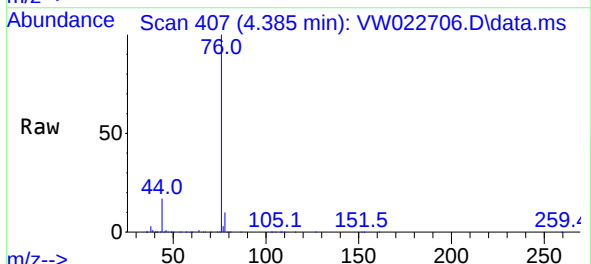
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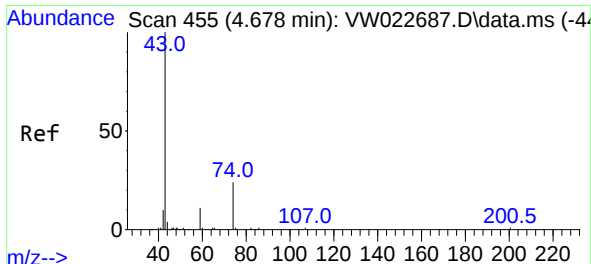
Tgt Ion: 43 Resp: 51019
Ion Ratio Lower Upper
43 100
58 31.2 0.0 57.0



#14
Carbon disulfide
Concen: 16.413 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 236395
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

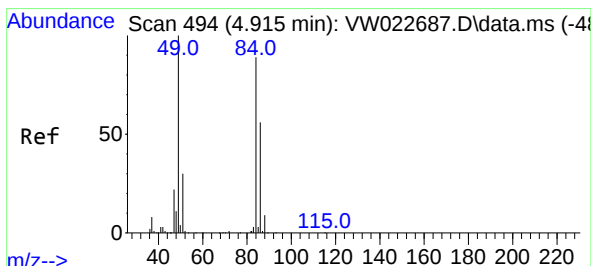
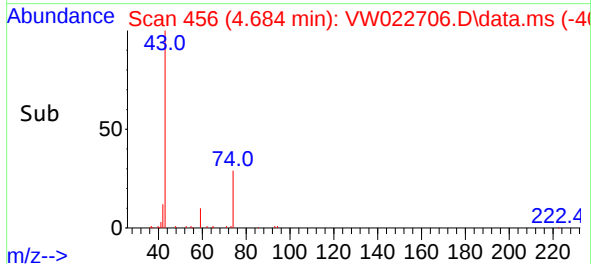
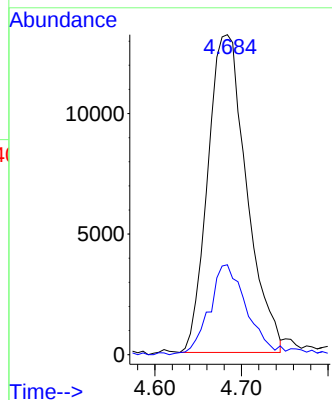
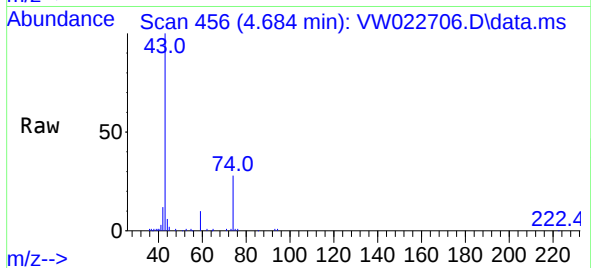




#15
Methyl Acetate
Concen: 19.156 ug/L
RT: 4.684 min Scan# 41076
Delta R.T. 0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

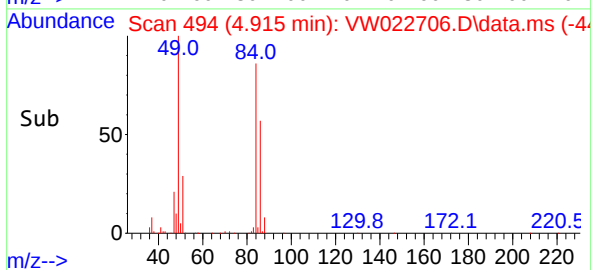
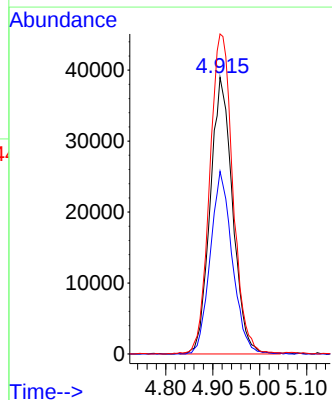
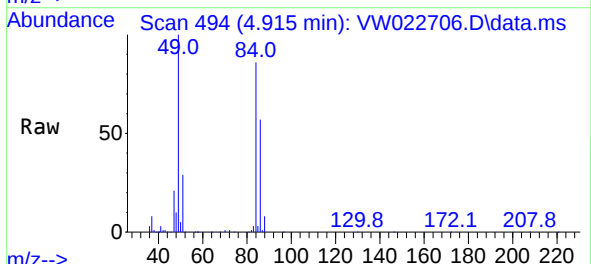
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

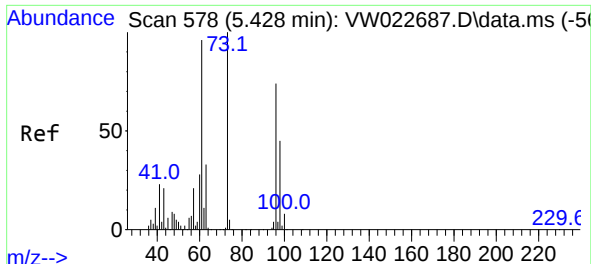
Tgt Ion: 43 Resp: 41076
Ion Ratio Lower Upper
43 100
74 26.7 18.5 27.7



#16
Methylene chloride
Concen: 26.365 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 84 Resp: 129001
Ion Ratio Lower Upper
84 100
86 66.0 42.8 79.4
49 115.7 94.2 175.0

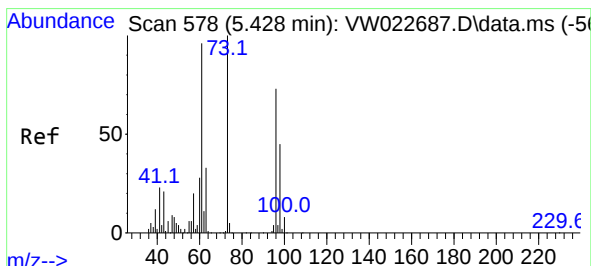
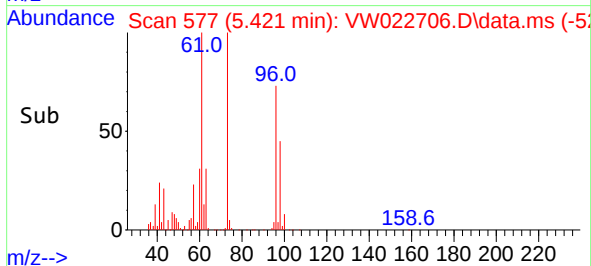
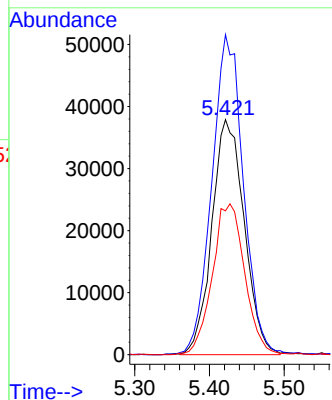
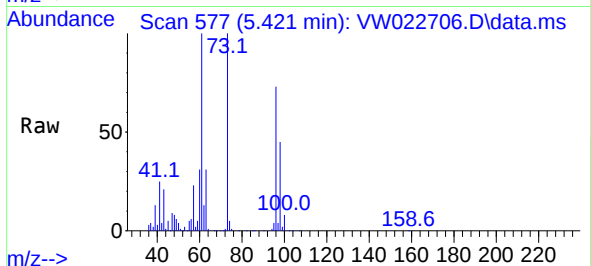




#17
trans-1,2-Dichloroethene
Concen: 22.229 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

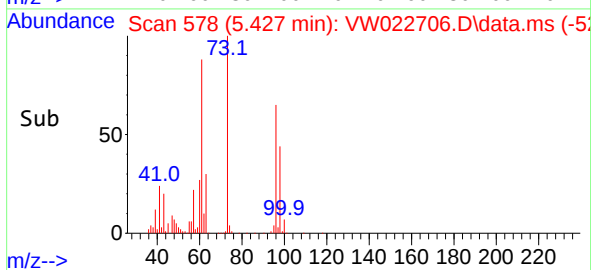
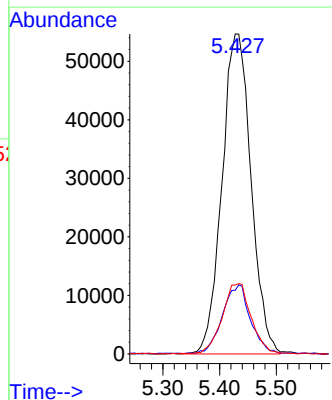
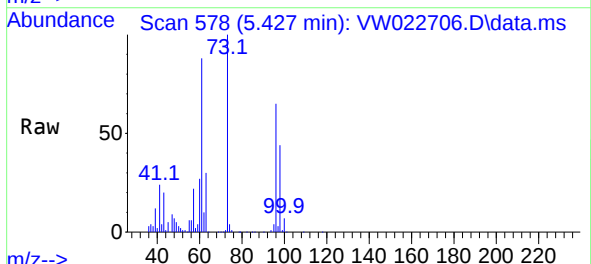
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

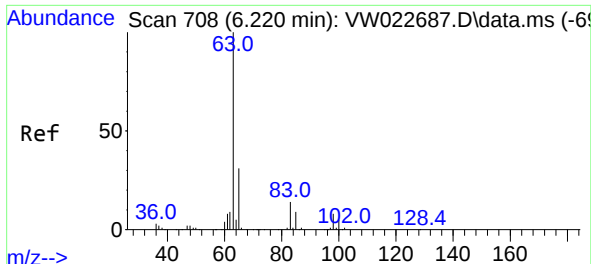
Tgt Ion: 96 Resp: 114010
Ion Ratio Lower Upper
96 100
61 136.1 99.8 185.4
98 61.2 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.205 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 73 Resp: 194370
Ion Ratio Lower Upper
73 100
43 20.9 18.8 28.2
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 23.017 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

EW4A1MS

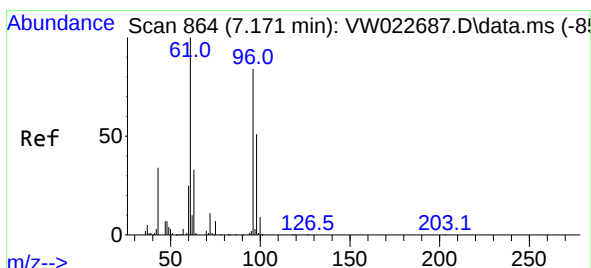
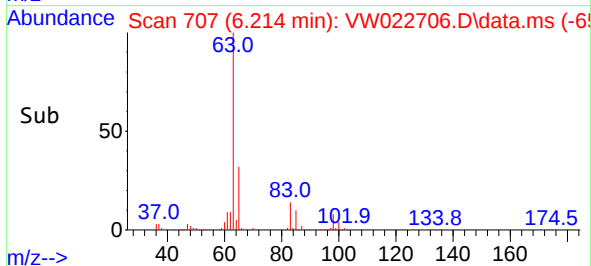
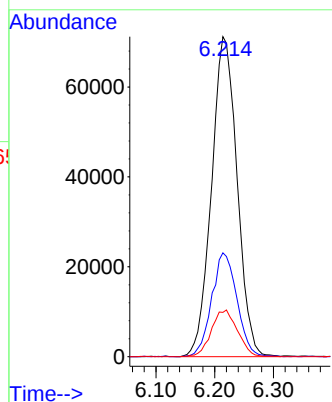
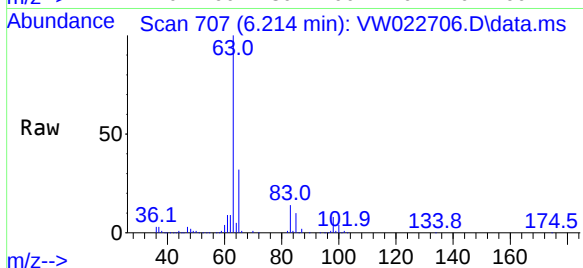
Tgt Ion: 63 Resp: 215395

Ion Ratio Lower Upper

63 100

65 32.4 21.1 39.3

83 13.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.193 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

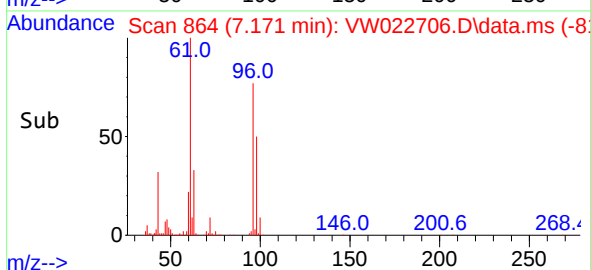
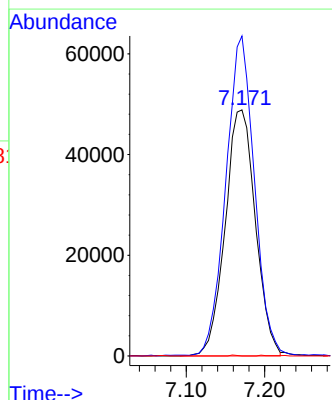
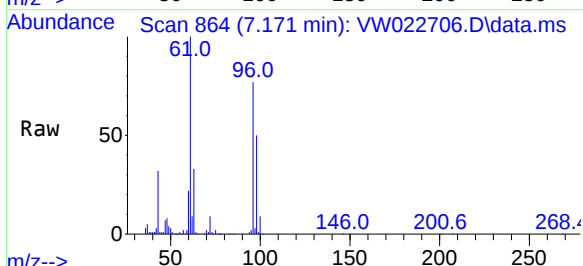
Tgt Ion: 96 Resp: 131050

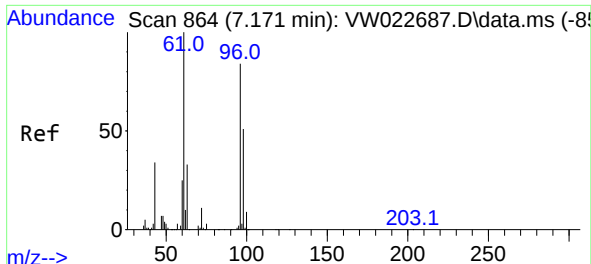
Ion Ratio Lower Upper

96 100

61 130.0 96.4 179.0

68 0.2 0.1 0.3

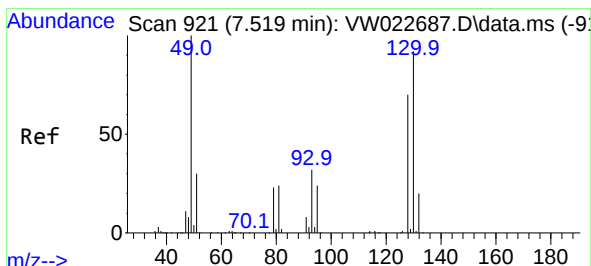
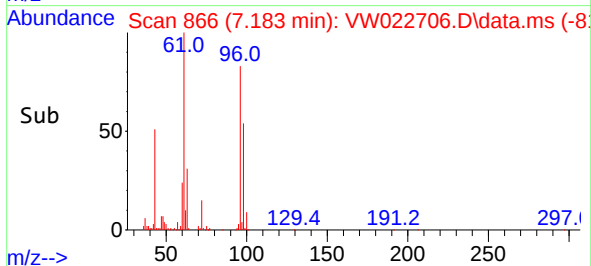
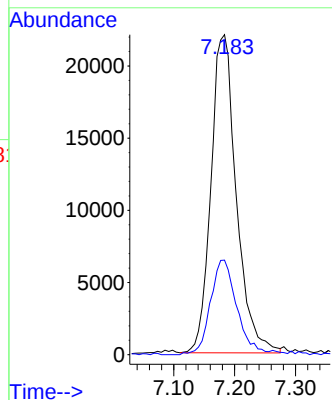
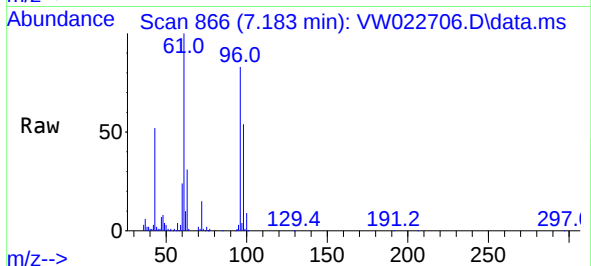




#22
2-Butanone
Concen: 49.458 ug/L
RT: 7.183 min Scan# 864
Delta R.T. 0.012 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

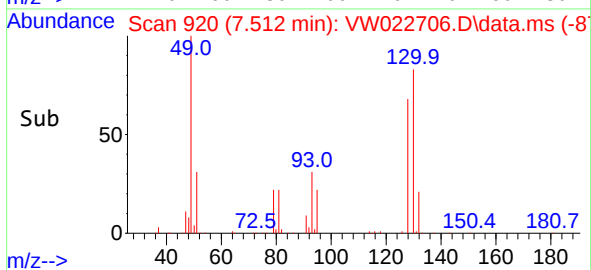
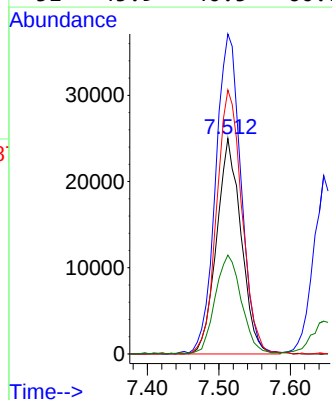
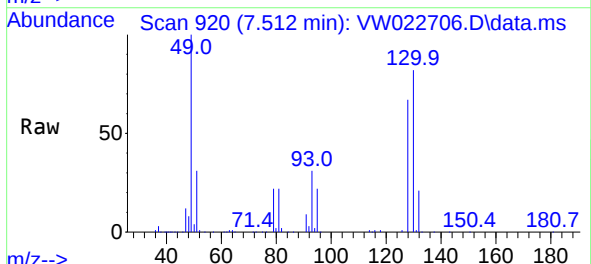
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

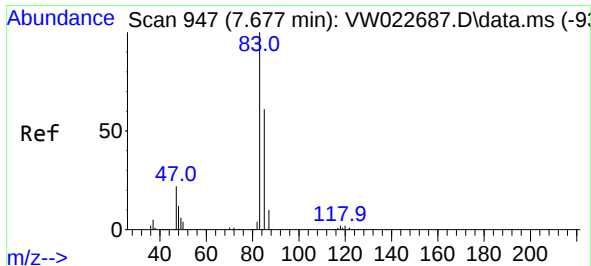
Tgt Ion: 43 Resp: 63828
Ion Ratio Lower Upper
43 100
72 30.8 14.0 42.0



#23
Bromochloromethane
Concen: 25.548 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 128 Resp: 59557
Ion Ratio Lower Upper
128 100
49 148.5 120.8 224.3
130 122.5 81.8 151.8
51 45.9 40.5 60.7

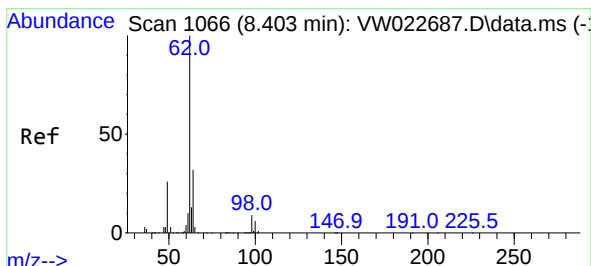
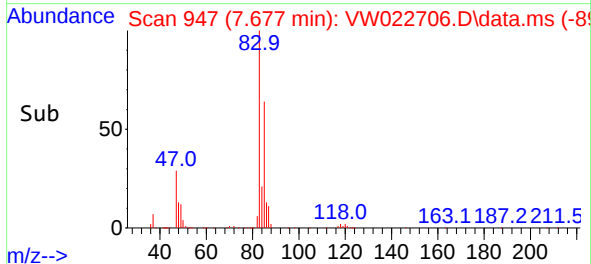
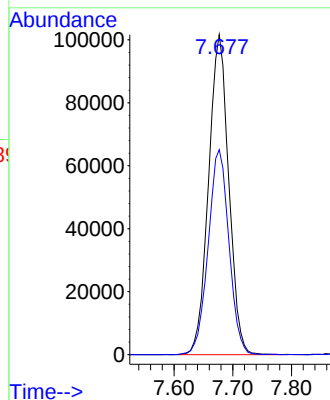
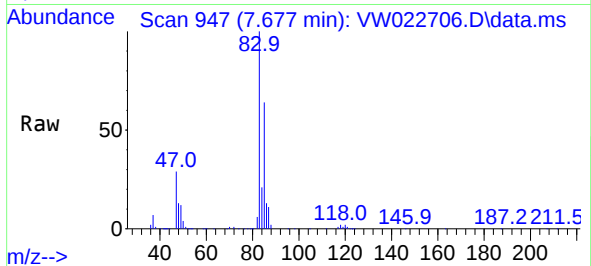




#25
Chloroform
Concen: 24.610 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

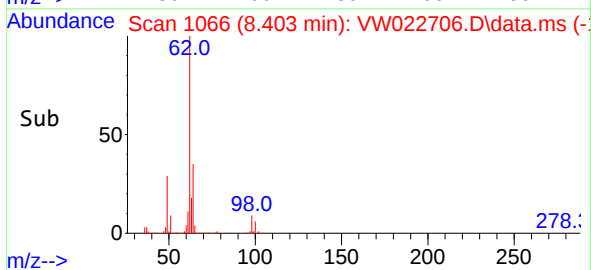
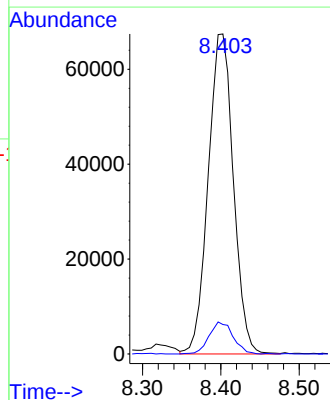
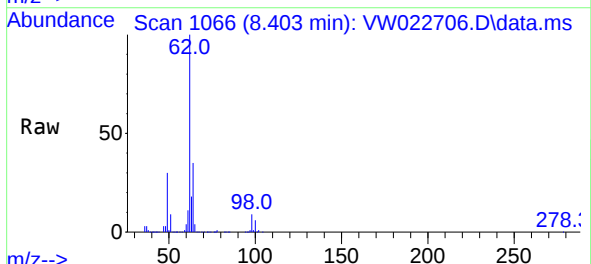
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

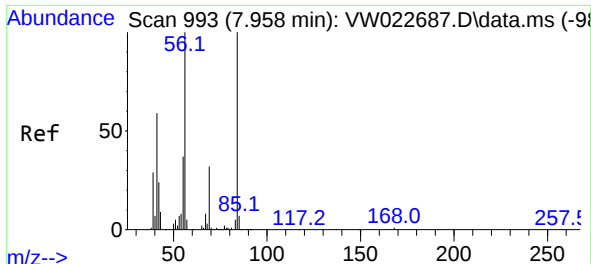
Tgt Ion: 83 Resp: 242563
Ion Ratio Lower Upper
83 100
85 64.0 45.8 85.0



#27
1,2-Dichloroethane
Concen: 21.738 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 62 Resp: 150591
Ion Ratio Lower Upper
62 100
98 9.2 6.2 9.2





#29

Cyclohexane

Concen: 18.571 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW022706.D

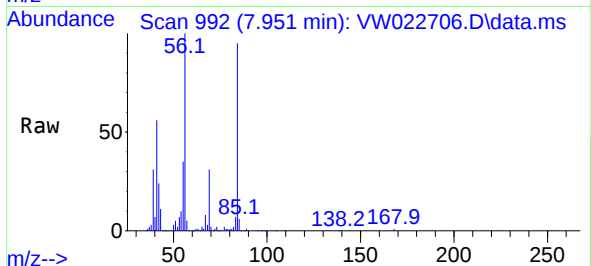
Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

EW4A1MS



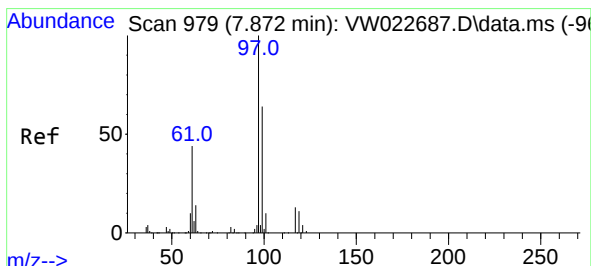
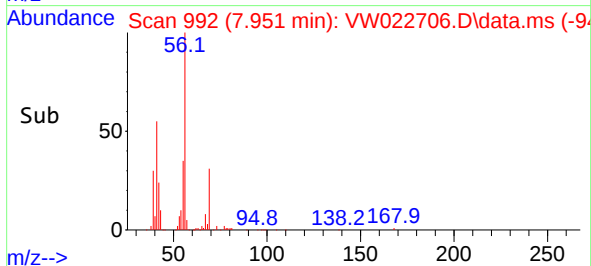
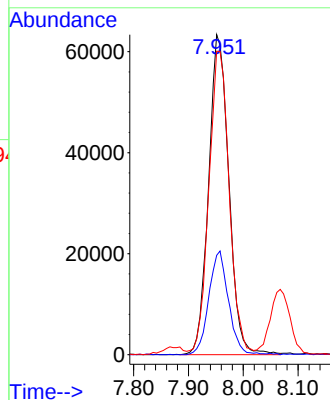
Tgt Ion: 56 Resp: 162287

Ion Ratio Lower Upper

56 100

69 31.2 24.4 36.6

84 95.2 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 24.399 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

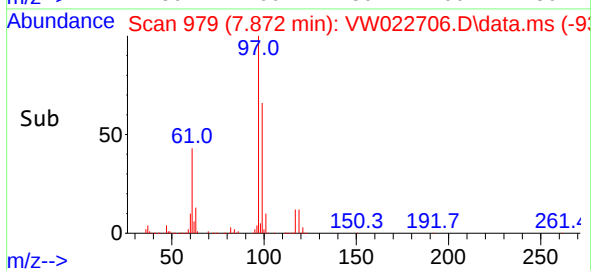
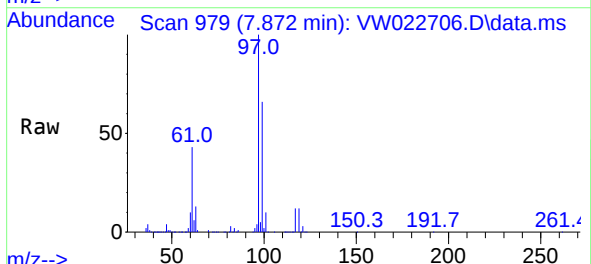
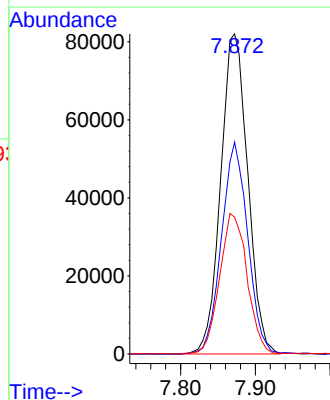
Tgt Ion: 97 Resp: 206652

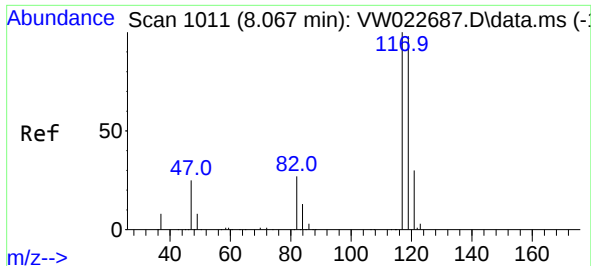
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 44.5 38.7 58.1

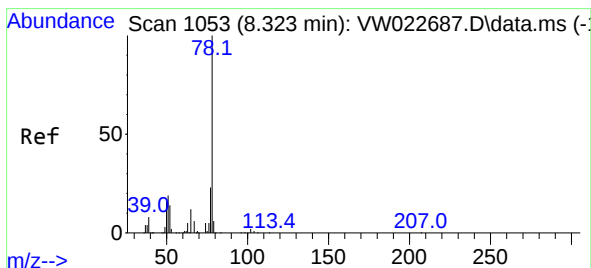
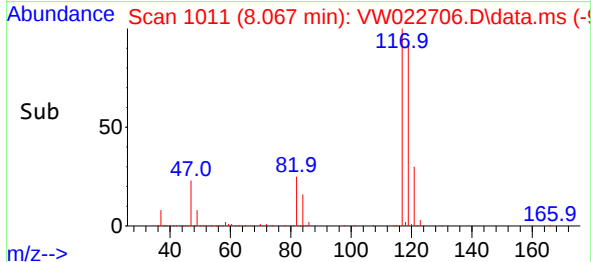
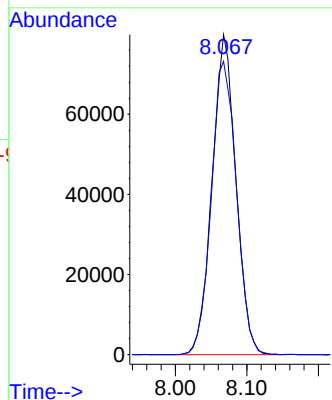
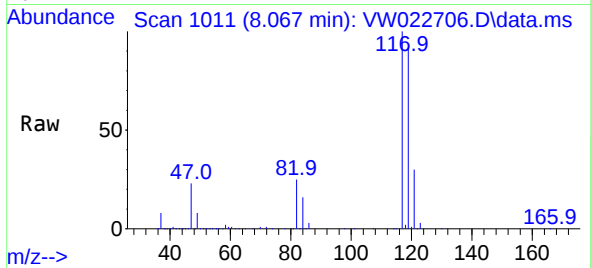




#31
Carbon tetrachloride
Concen: 24.227 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

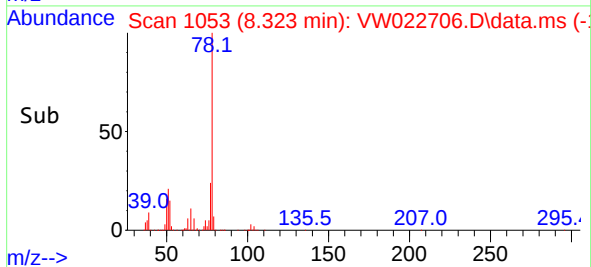
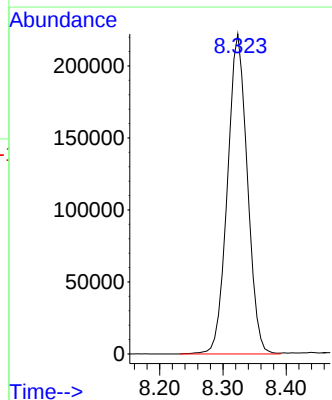
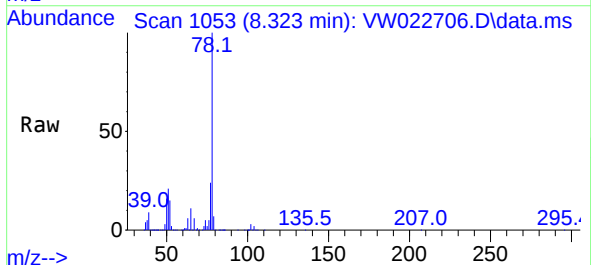
Instrument : MSVOA_W
ClientSampleId : EW4A1MS

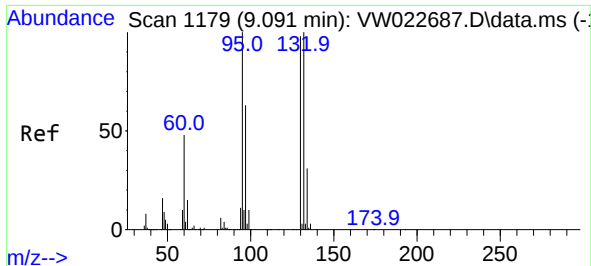
Tgt Ion:117 Resp: 184173
Ion Ratio Lower Upper
117 100
119 97.2 75.5 113.3



#33
Benzene
Concen: 23.413 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 78 Resp: 485352



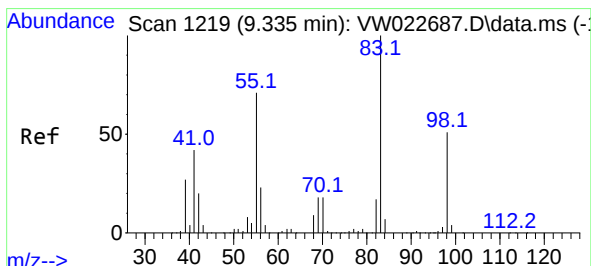
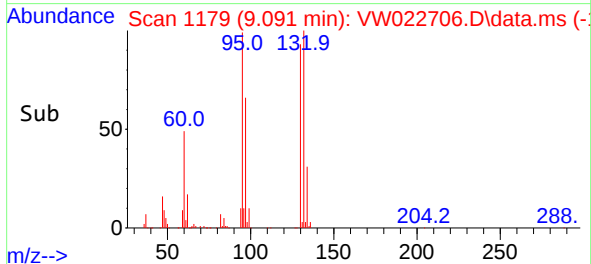
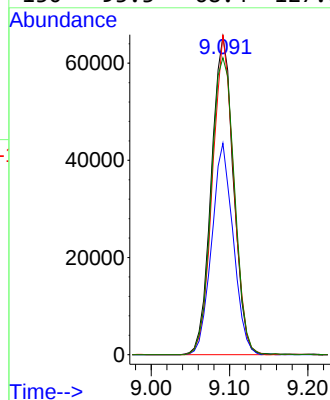
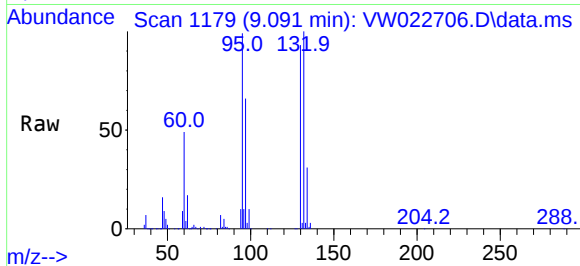


#34
Trichloroethene
Concen: 23.136 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

Tgt Ion: 95 Resp: 128416

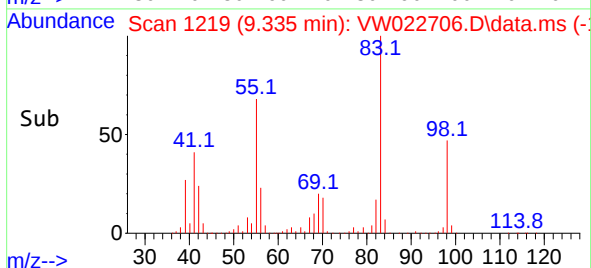
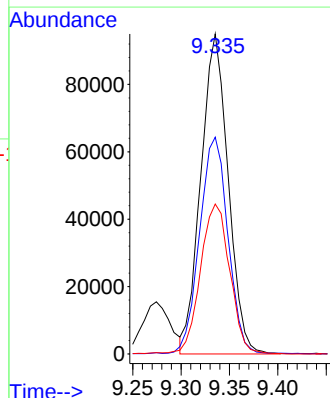
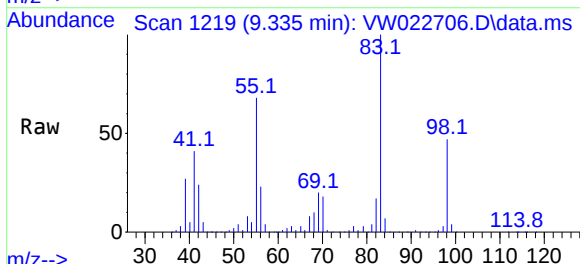
Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.4	86.2
132	100.5	67.4	125.2
130	93.3	68.4	127.0

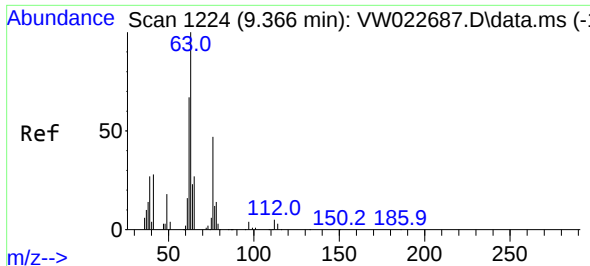


#35
Methylcyclohexane
Concen: 18.755 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 83 Resp: 186767

Ion	Ratio	Lower	Upper
83	100		
55	69.8	61.0	91.6
98	50.3	39.2	58.8





#37

1,2-Dichloropropane

Concen: 24.071 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

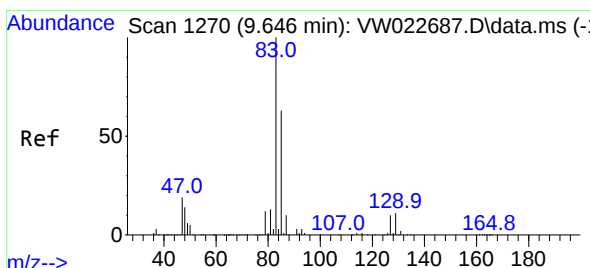
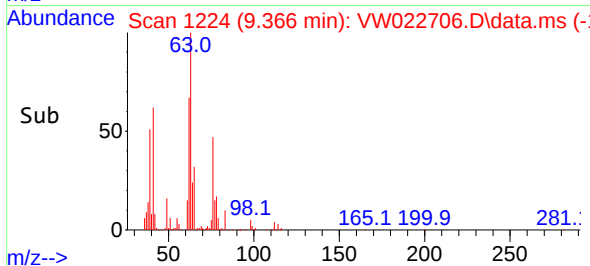
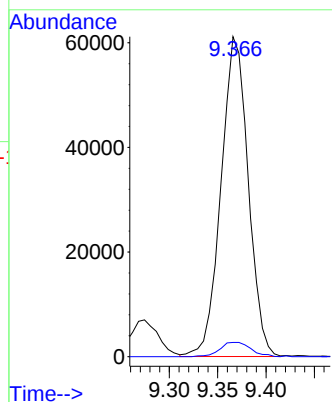
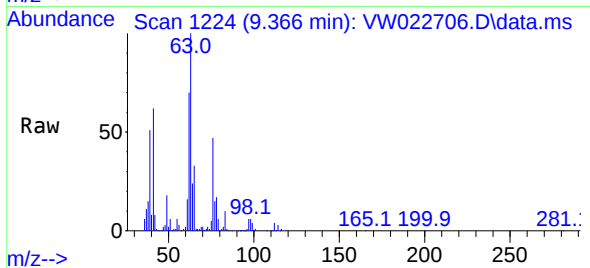
EW4A1MS

Tgt Ion: 63 Resp: 119543

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 24.039 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

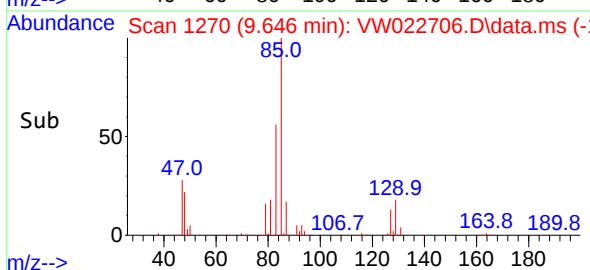
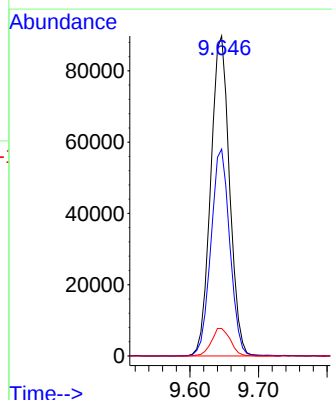
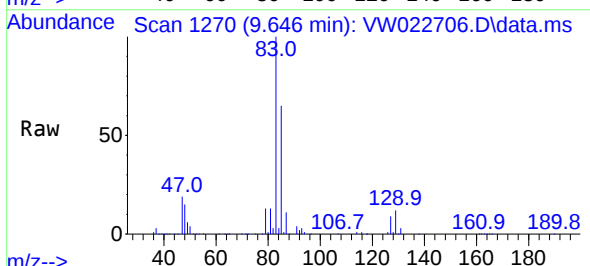
Tgt Ion: 83 Resp: 171682

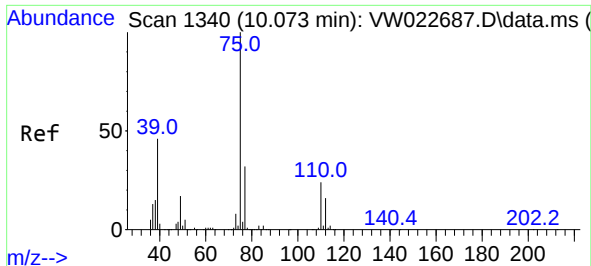
Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0

127 8.6 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 23.443 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

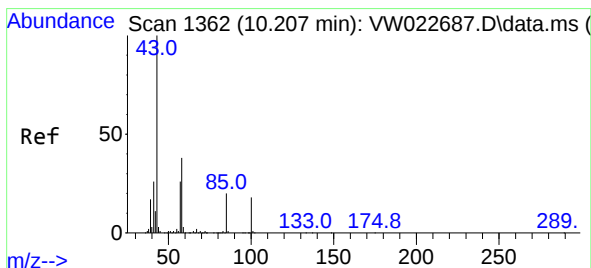
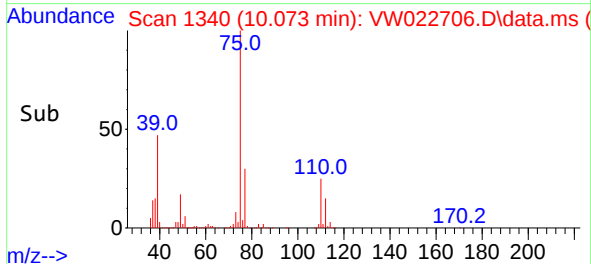
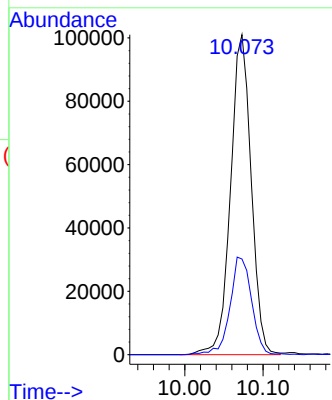
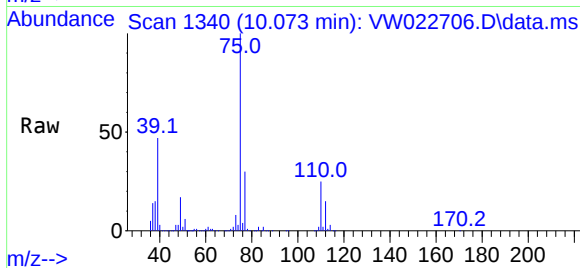
EW4A1MS

Tgt Ion: 75 Resp: 184742

Ion Ratio Lower Upper

75 100

77 29.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 45.501 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

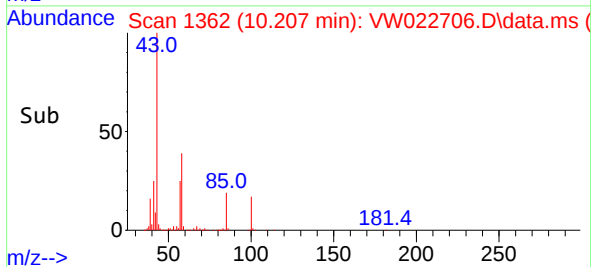
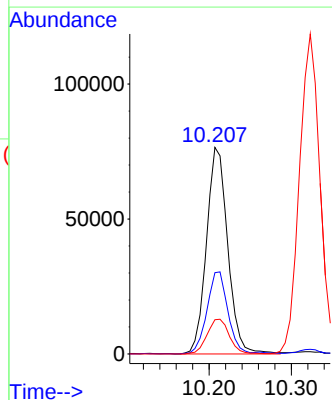
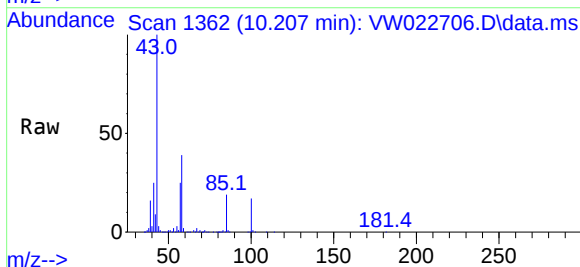
Tgt Ion: 43 Resp: 137904

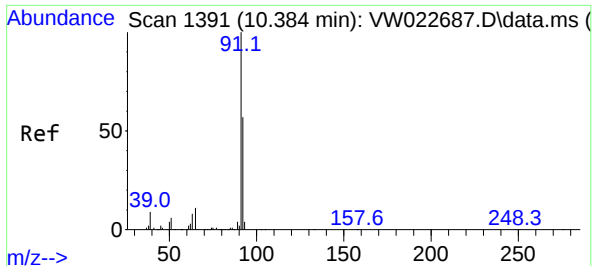
Ion Ratio Lower Upper

43 100

58 38.9 29.3 43.9

100 17.6 12.2 18.4





#42

Toluene

Concen: 23.313 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

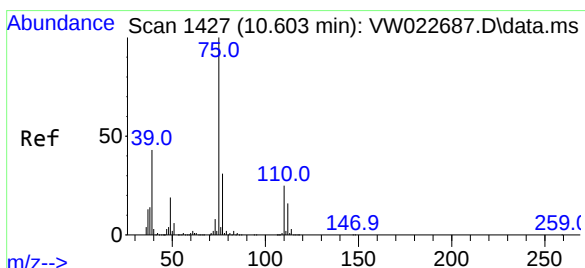
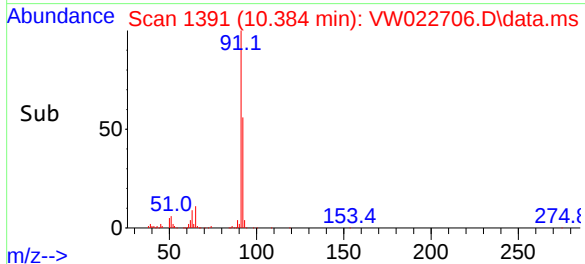
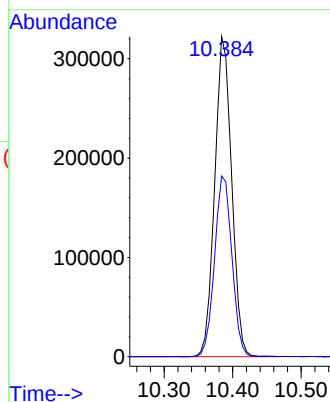
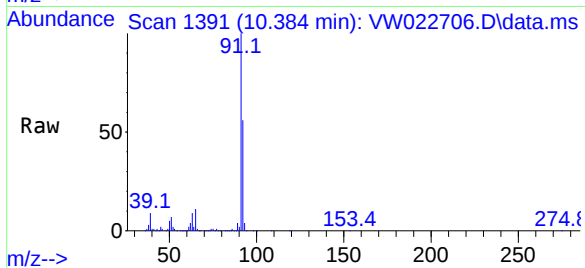
EW4A1MS

Tgt Ion: 91 Resp: 553790

Ion Ratio Lower Upper

91 100

92 56.5 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 22.678 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022706.D

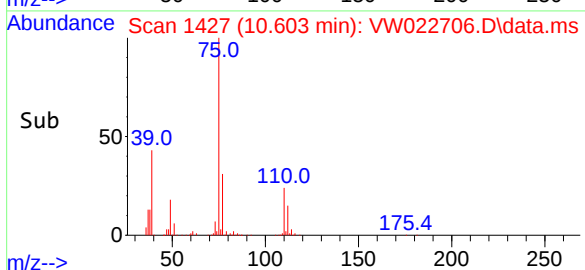
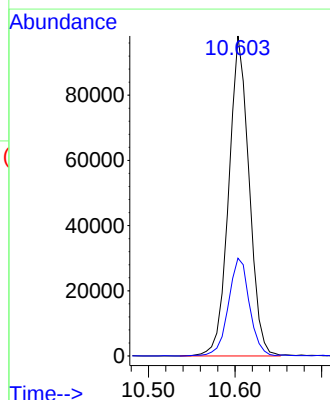
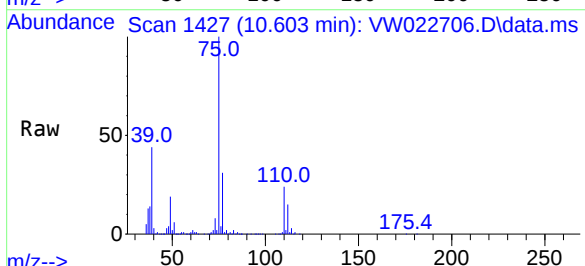
Acq: 29 Apr 2022 17:45

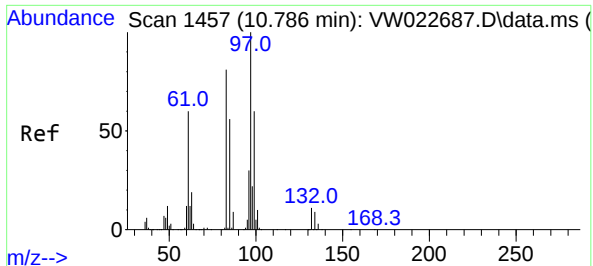
Tgt Ion: 75 Resp: 160023

Ion Ratio Lower Upper

75 100

77 30.6 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 25.581 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

EW4A1MS

Tgt Ion: 97 Resp: 96956

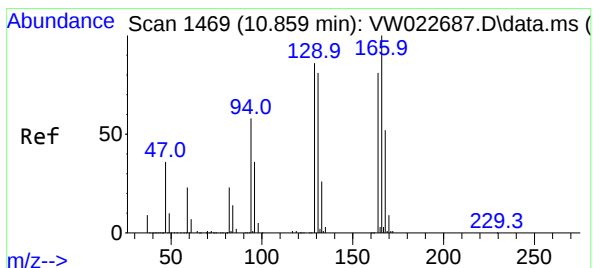
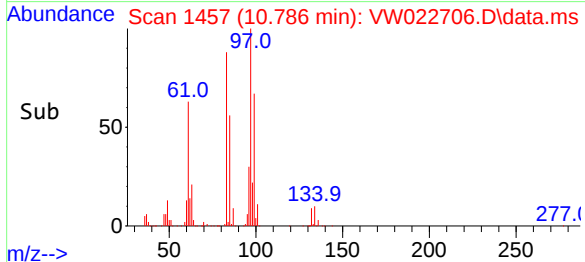
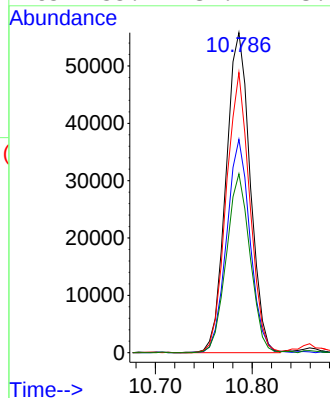
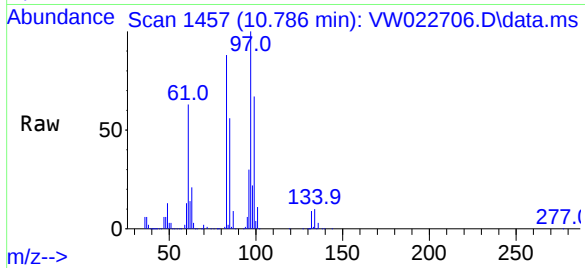
Ion Ratio Lower Upper

97 100

99 66.6 46.0 85.4

83 87.5 60.6 112.6

85 55.9 39.7 73.7



#46

Tetrachloroethene

Concen: 22.393 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Tgt Ion:164 Resp: 91366

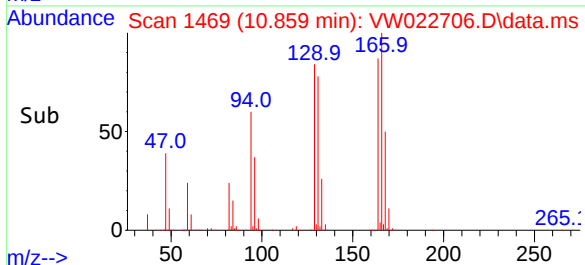
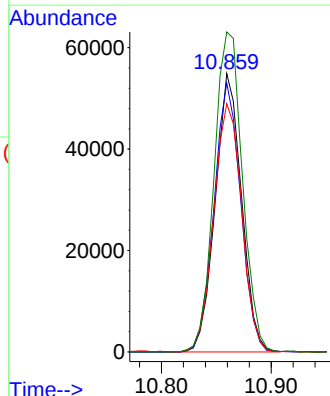
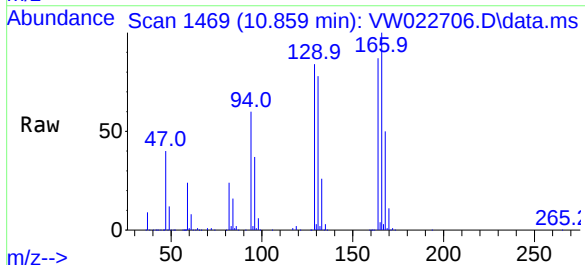
Ion Ratio Lower Upper

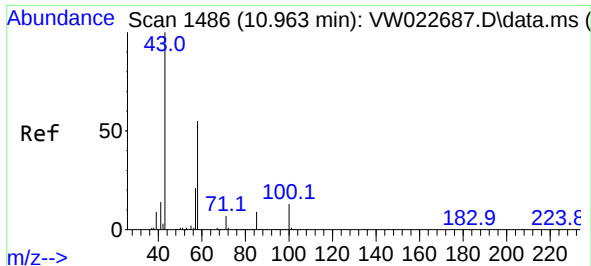
164 100

129 96.6 74.1 137.7

131 89.2 71.4 132.6

166 115.0 95.9 178.1



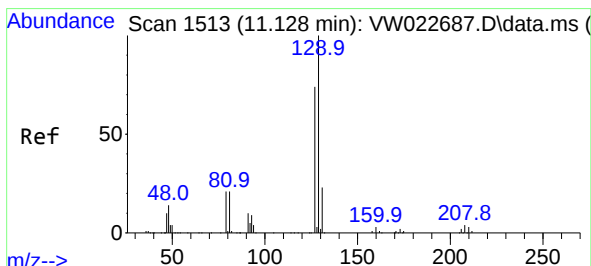
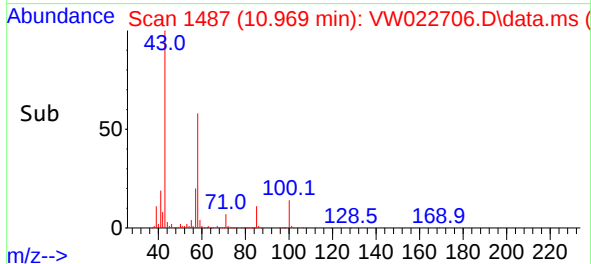
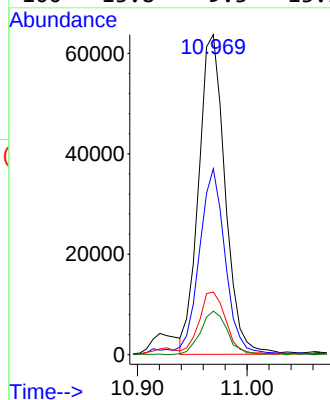
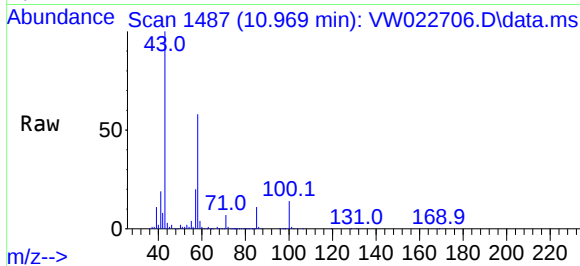


#48
2-Hexanone
Concen: 49.944 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

Tgt Ion: 43 Resp: 106788

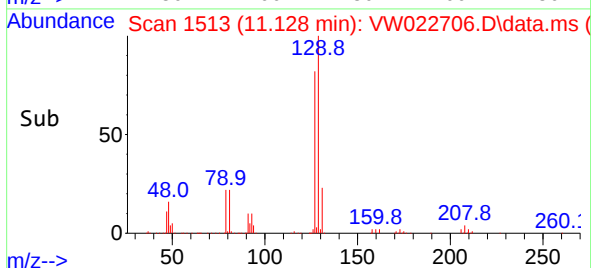
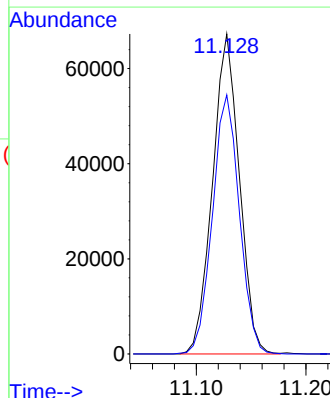
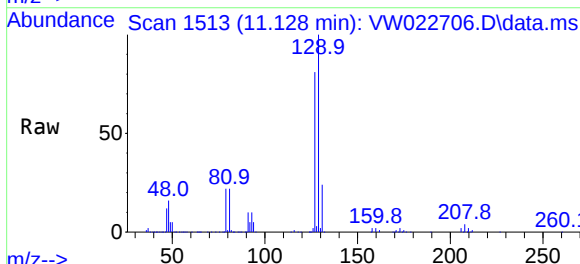
Ion	Ratio	Lower	Upper
43	100		
58	57.2	41.6	62.4
57	20.1	14.5	21.7
100	13.8	9.3	13.9

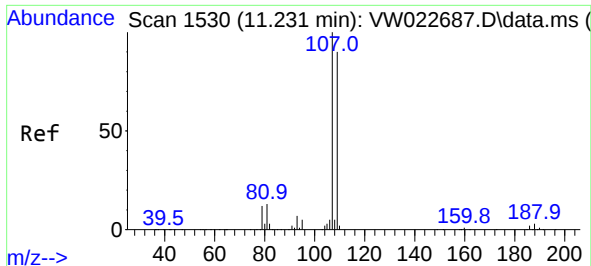


#49
Dibromochloromethane
Concen: 25.307 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 129 Resp: 114394

Ion	Ratio	Lower	Upper
129	100		
127	80.9	52.6	97.6

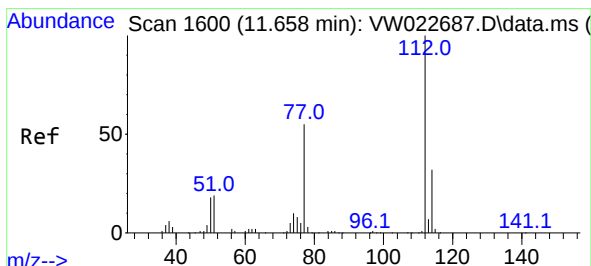
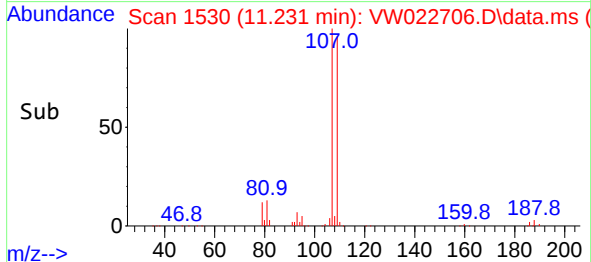
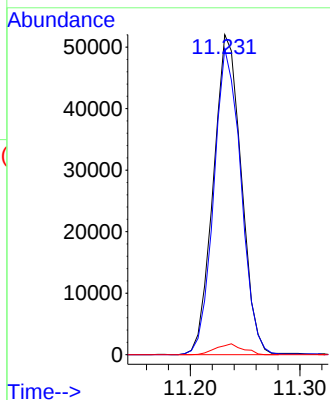
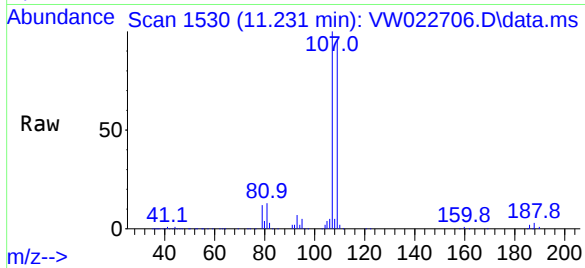




#50
1,2-Dibromoethane
Concen: 24.548 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

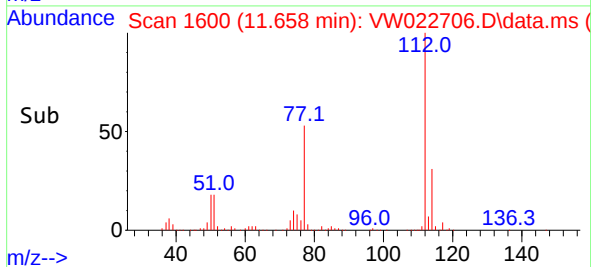
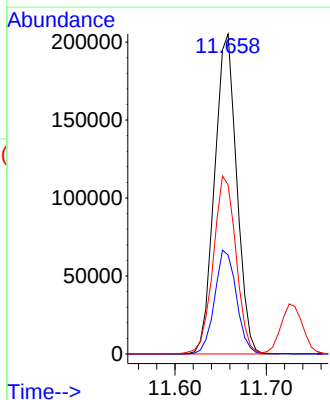
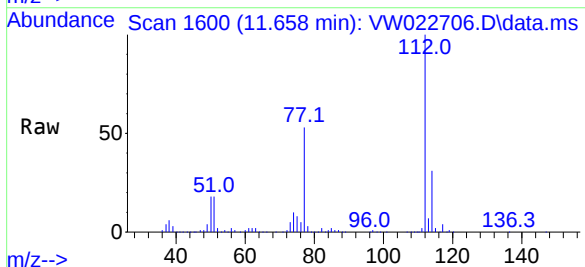
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

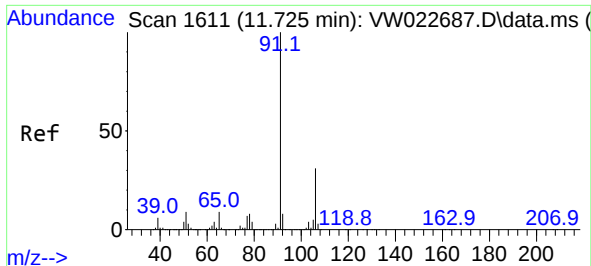
Tgt Ion:107 Resp: 91872
Ion Ratio Lower Upper
107 100
109 95.6 68.2 126.6
188 2.8 2.8 4.2



#51
Chlorobenzene
Concen: 23.827 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion:112 Resp: 345869
Ion Ratio Lower Upper
112 100
114 30.9 20.5 38.1
77 52.8 48.1 72.1

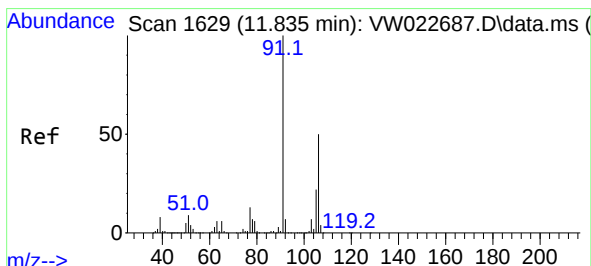
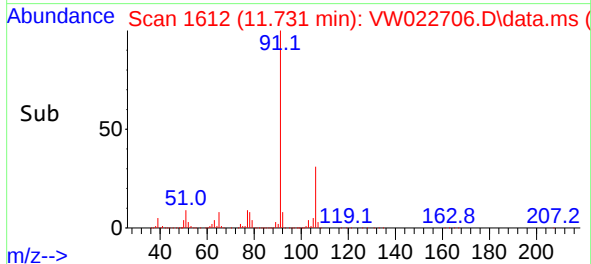
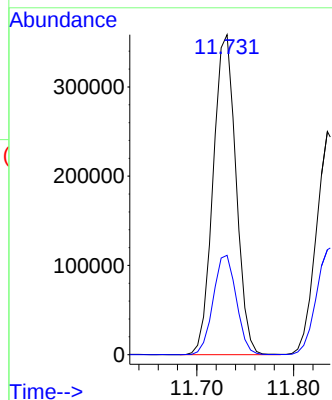
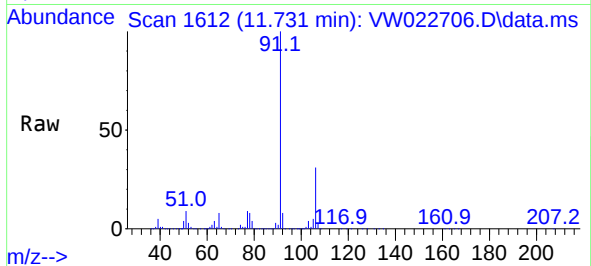




#52
Ethylbenzene
Concen: 22.094 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

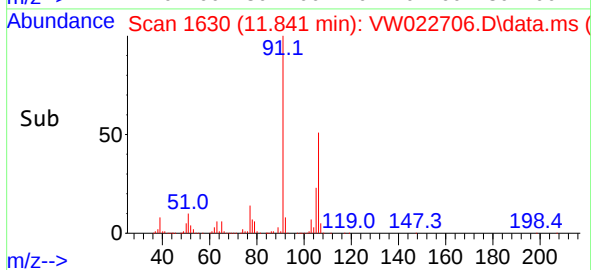
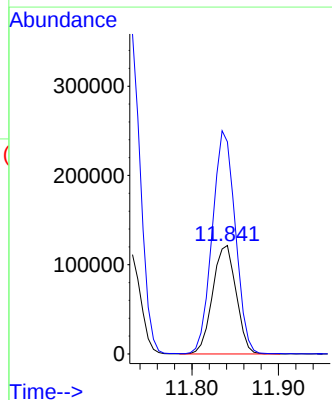
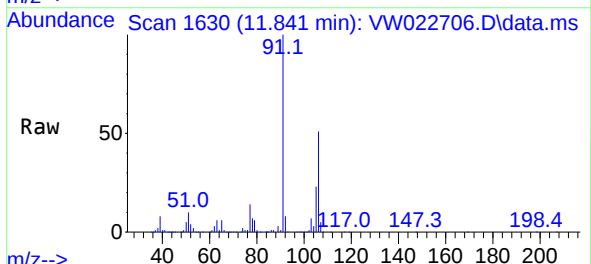
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

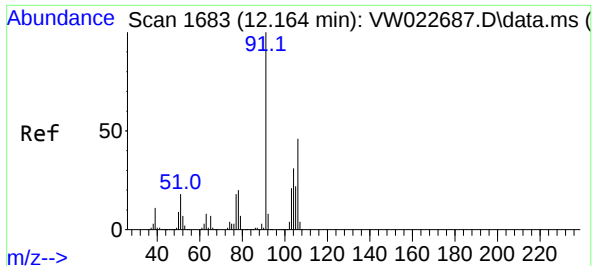
Tgt Ion: 91 Resp: 588264
Ion Ratio Lower Upper
91 100
106 31.1 20.5 38.1



#53
m,p-Xylene
Concen: 22.630 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion:106 Resp: 229110
Ion Ratio Lower Upper
106 100
91 195.6 149.9 278.5

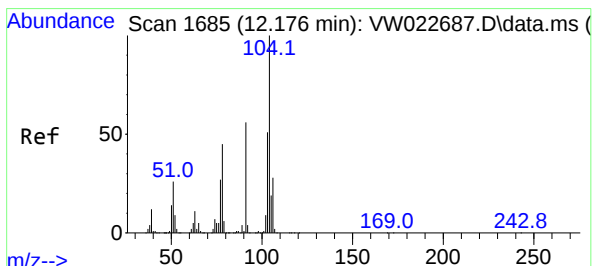
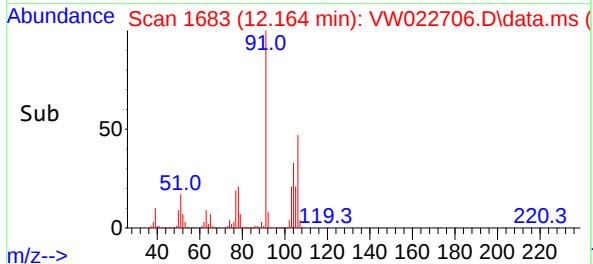
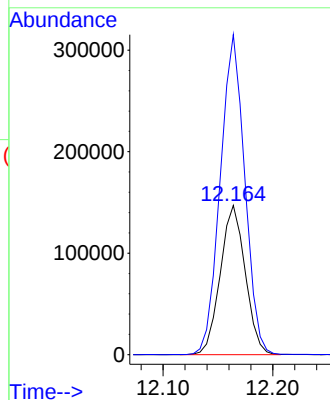
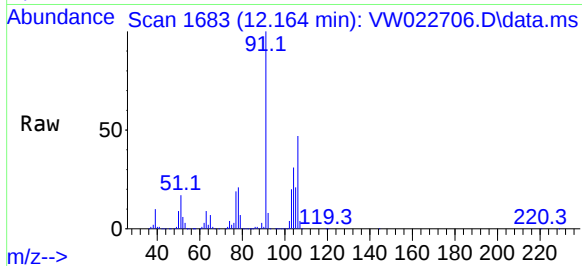




#54
o-Xylene
Concen: 24.043 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

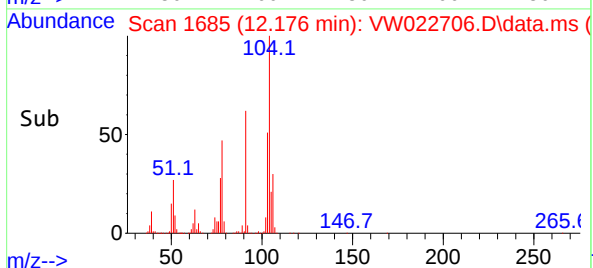
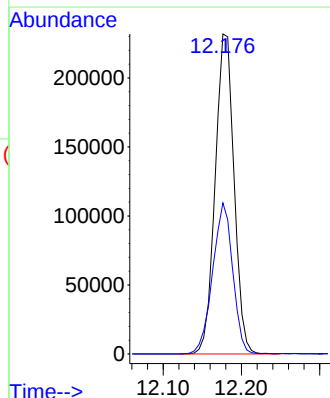
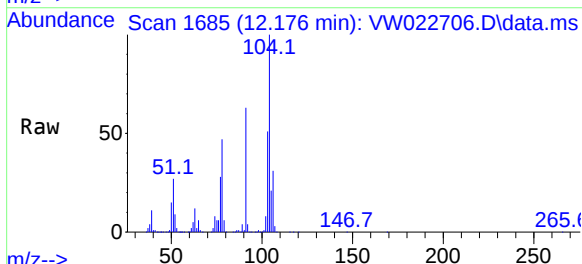
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

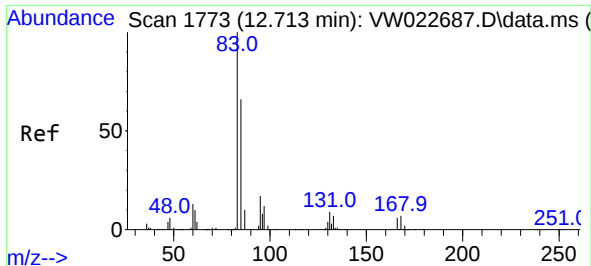
Tgt Ion:106 Resp: 232609
Ion Ratio Lower Upper
106 100
91 214.5 155.3 288.3



#55
Styrene
Concen: 23.544 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion:104 Resp: 389164
Ion Ratio Lower Upper
104 100
78 47.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.540 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

EW4A1MS

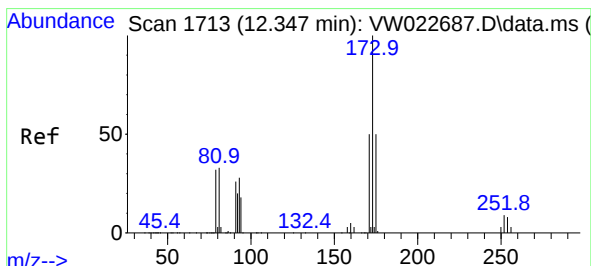
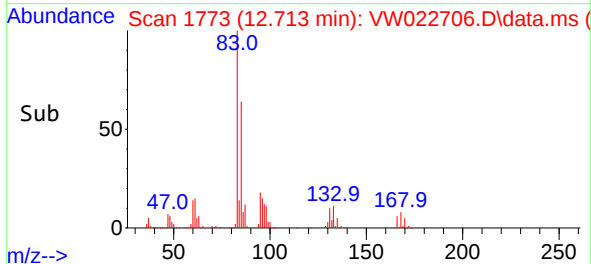
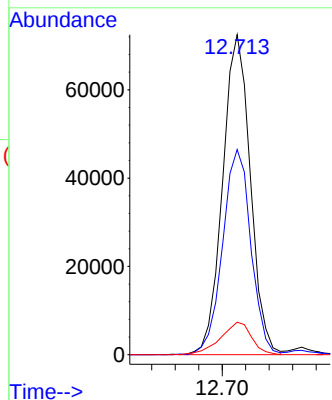
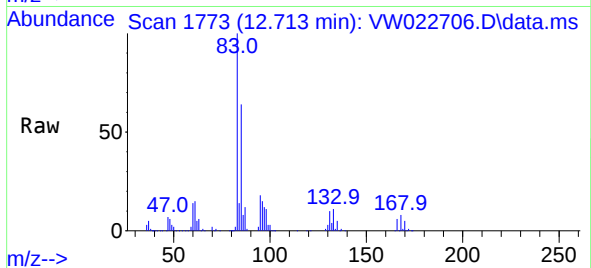
Tgt Ion: 83 Resp: 118811

Ion Ratio Lower Upper

83 100

85 64.1 45.5 84.5

131 10.2 7.8 11.8



#59

Bromoform

Concen: 26.635 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

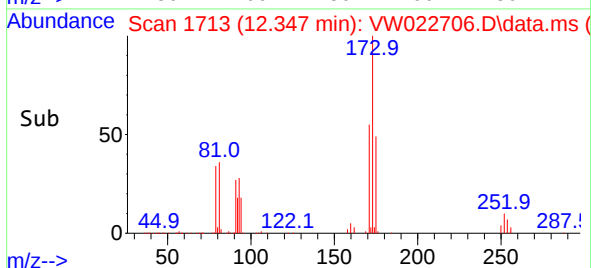
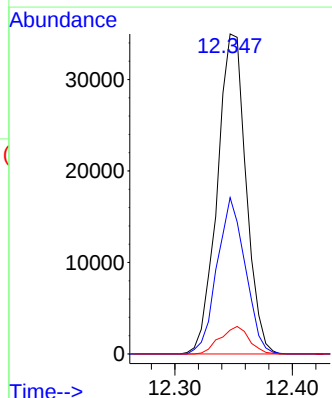
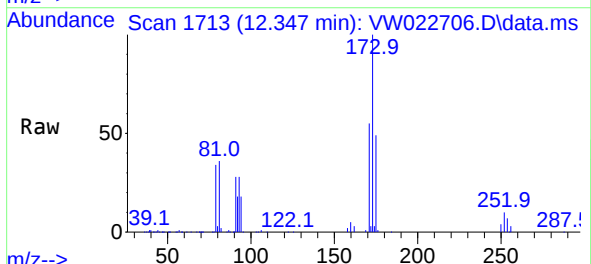
Tgt Ion:173 Resp: 59560

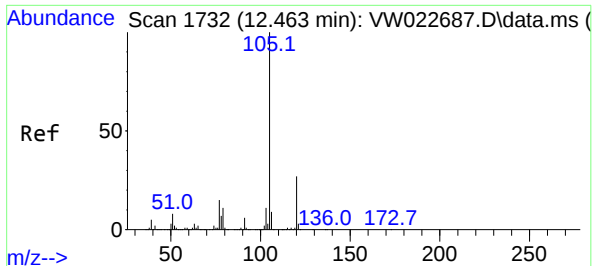
Ion Ratio Lower Upper

173 100

175 47.9 39.2 58.8

254 8.7 6.6 9.8



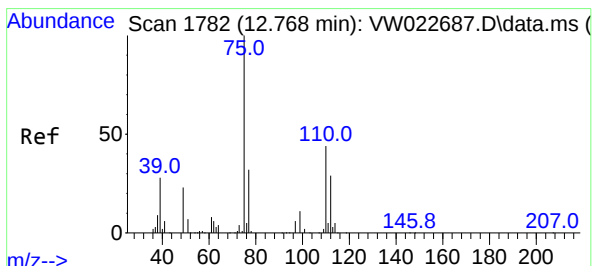
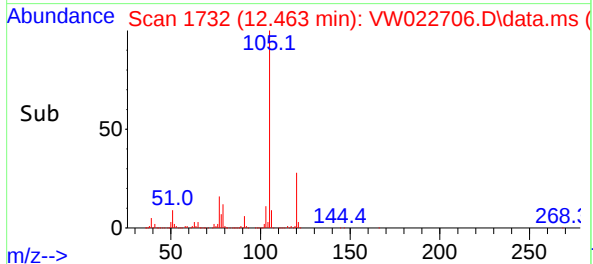
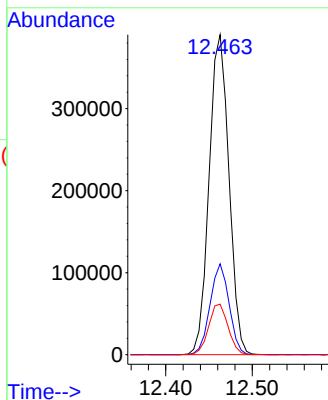
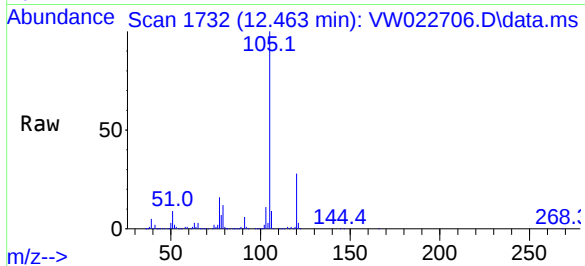


#60
Isopropylbenzene
Concen: 24.813 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

Tgt Ion:105 Resp: 620296

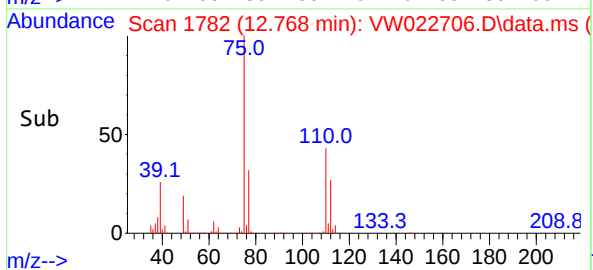
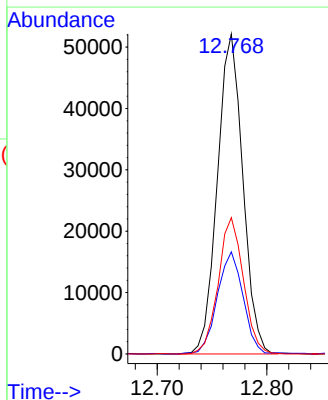
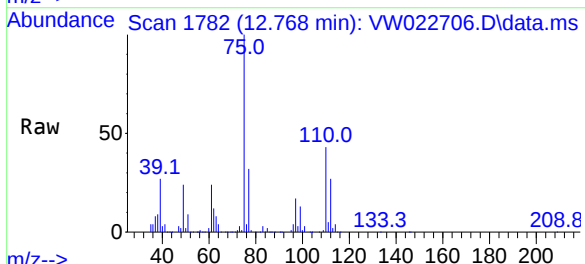
Ion	Ratio	Lower	Upper
105	100		
120	27.2	20.9	31.3
77	15.6	13.7	20.5

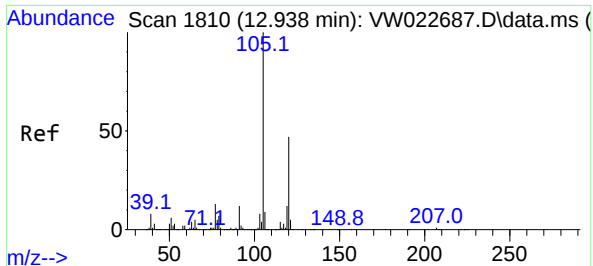


#61
1,2,3-Trichloropropane
Concen: 26.262 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion: 75 Resp: 84072

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
110	42.1	31.8	47.6





#62

1,3,5-Trimethylbenzene

Concen: 24.330 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

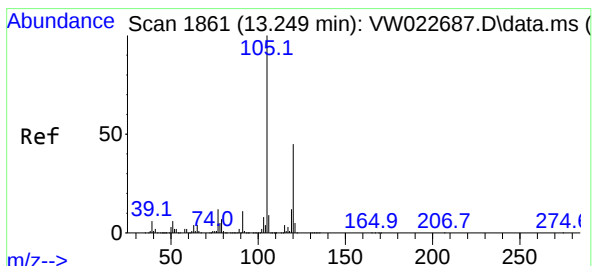
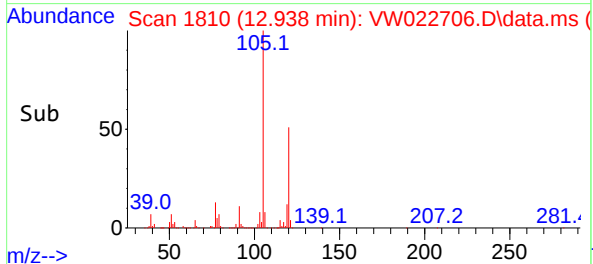
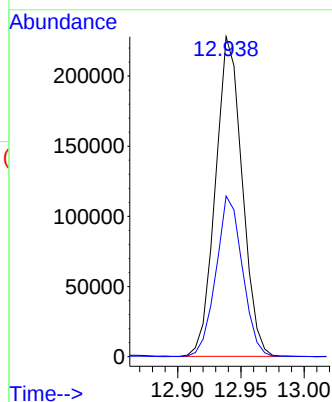
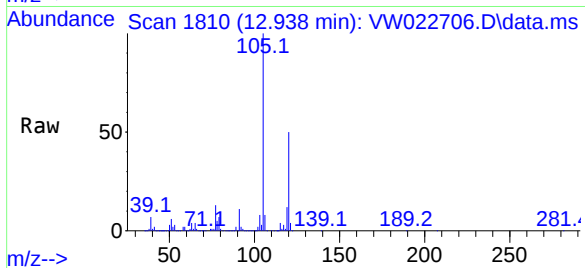
EW4A1MS

Tgt Ion:105 Resp: 334489

Ion Ratio Lower Upper

105 100

120 49.9 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 24.029 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022706.D

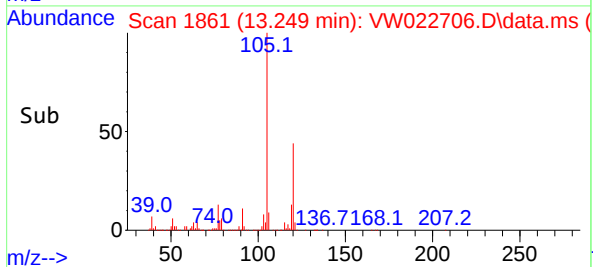
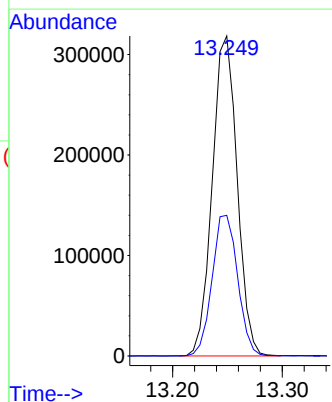
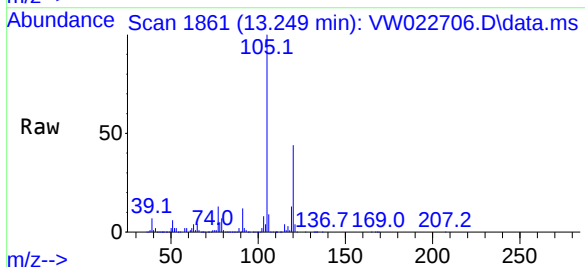
Acq: 29 Apr 2022 17:45

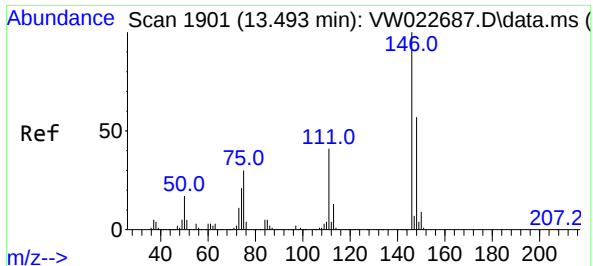
Tgt Ion:105 Resp: 502362

Ion Ratio Lower Upper

105 100

120 45.2 34.2 51.2

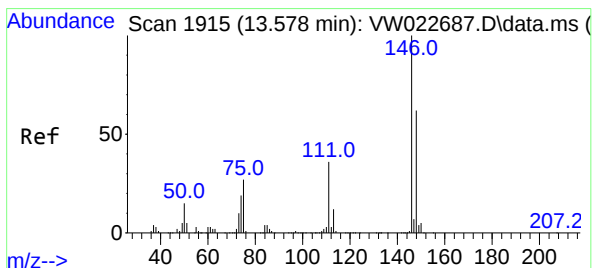
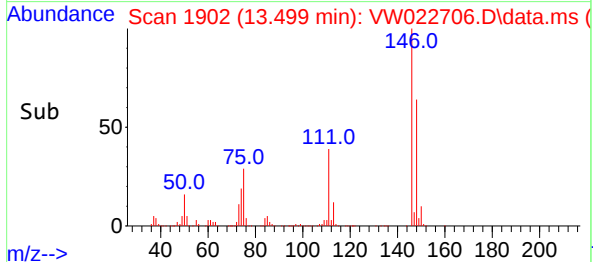
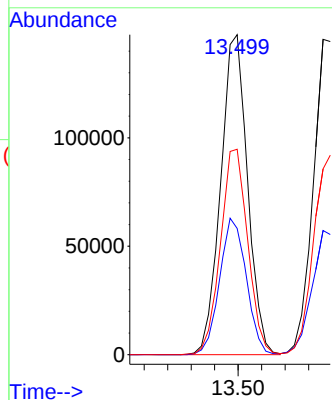
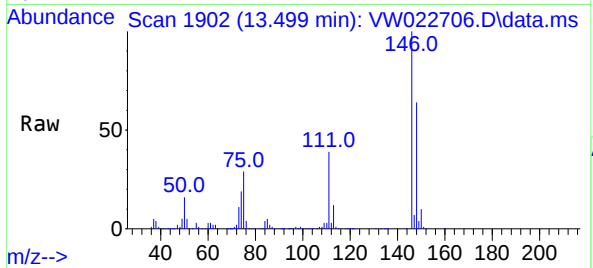




#64
1,3-Dichlorobenzene
Concen: 23.121 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

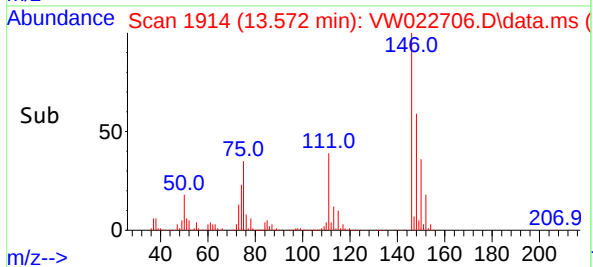
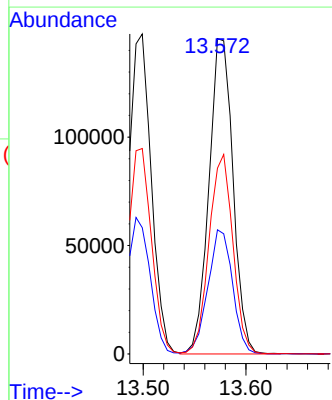
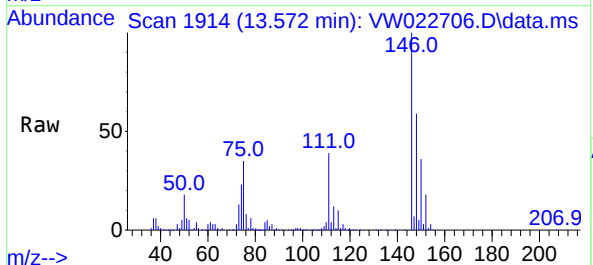
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

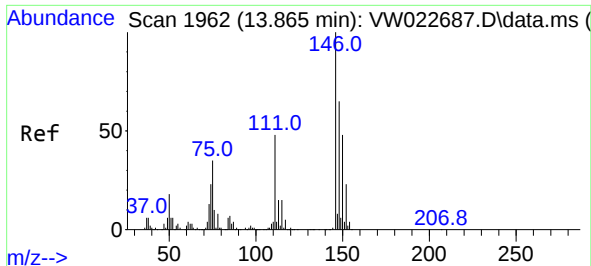
Tgt Ion:146 Resp: 234573
Ion Ratio Lower Upper
146 100
111 39.4 28.2 52.4
148 64.2 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 23.394 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion:146 Resp: 236711
Ion Ratio Lower Upper
146 100
111 39.4 28.5 52.9
148 58.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.627 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

Instrument :

MSVOA_W

ClientSampleId :

EW4A1MS

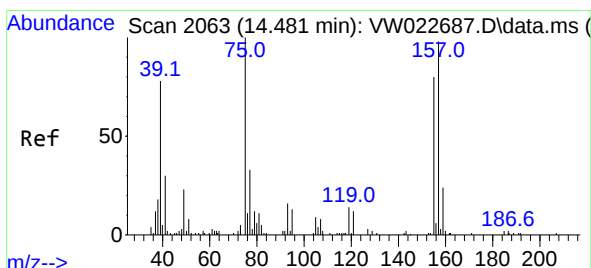
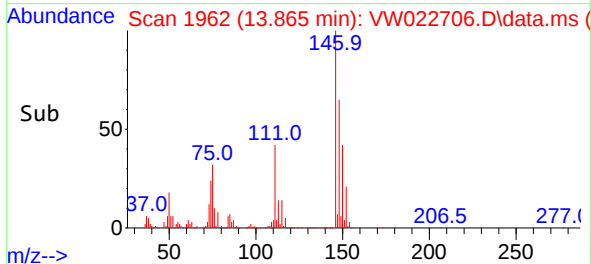
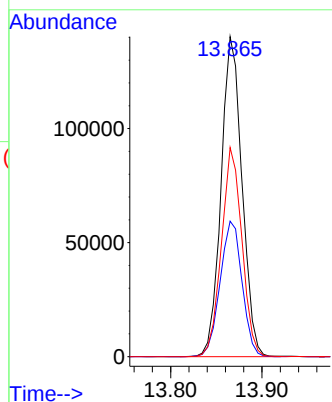
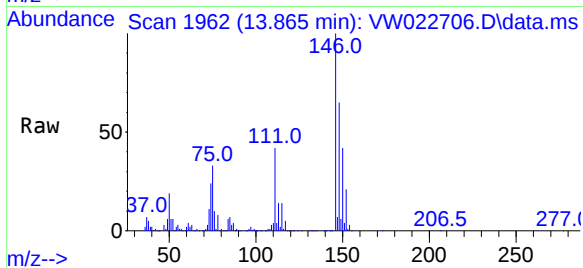
Tgt Ion:146 Resp: 223453

Ion Ratio Lower Upper

146 100

111 42.3 39.0 58.4

148 65.4 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.667 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022706.D

Acq: 29 Apr 2022 17:45

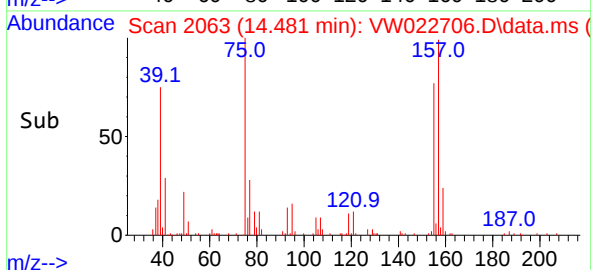
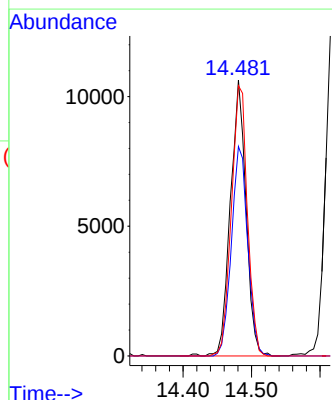
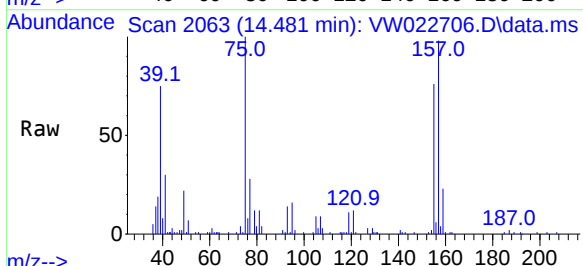
Tgt Ion: 75 Resp: 16829

Ion Ratio Lower Upper

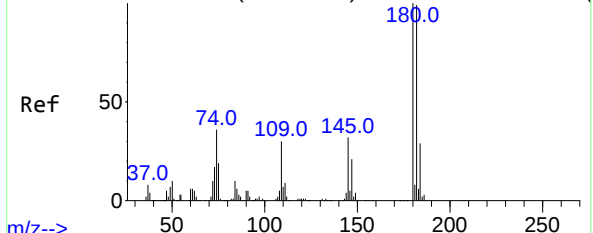
75 100

155 75.9 55.6 83.4

157 97.9 69.8 104.6



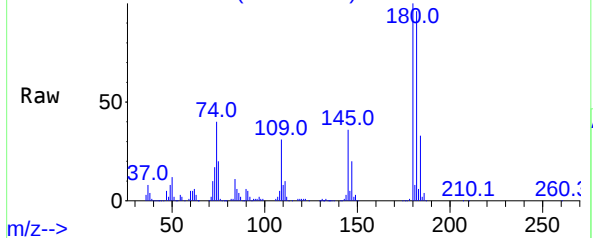
Abundance Scan 2086 (14.621 min): VW022687.D\data.ms (



#69
1,3,5-Trichlorobenzene
Concen: 20.469 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

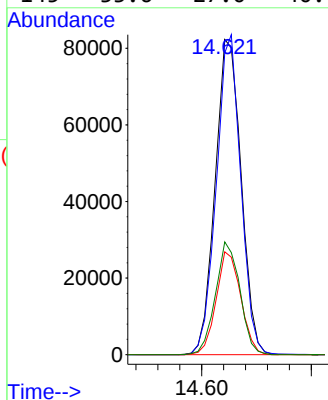
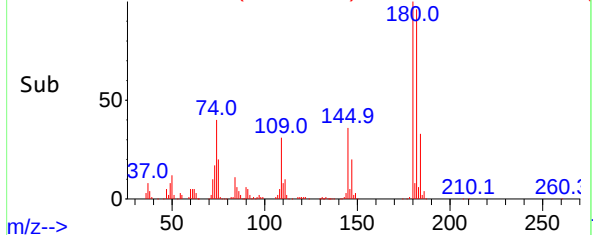
Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

Abundance Scan 2086 (14.621 min): VW022706.D\data.ms

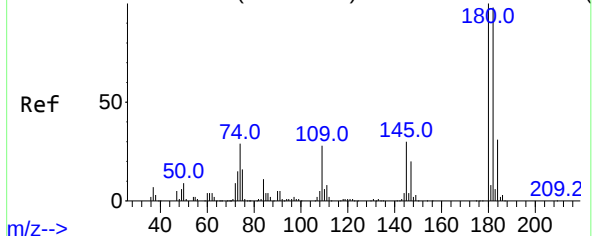


Tgt Ion:180 Resp: 135492
Ion Ratio Lower Upper
180 100
182 95.4 79.1 118.7
184 30.9 24.5 36.7
145 33.6 27.0 40.4

Abundance Scan 2086 (14.621 min): VW022706.D\data.ms (

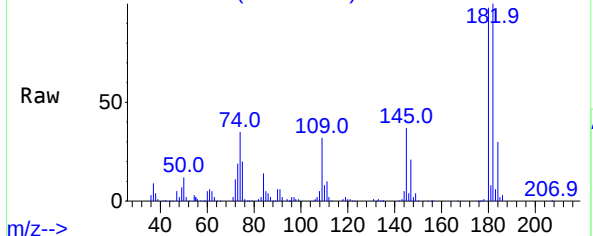


Abundance Scan 2170 (15.133 min): VW022687.D\data.ms (



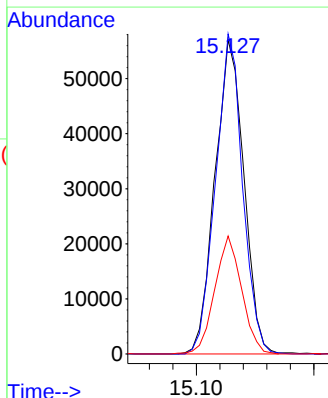
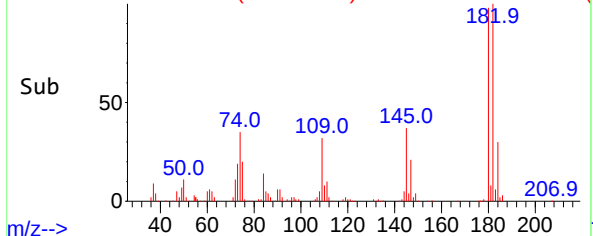
#70
1,2,4-trichlorobenzene
Concen: 17.507 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

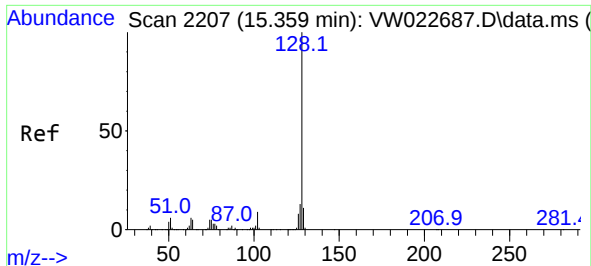
Abundance Scan 2169 (15.127 min): VW022706.D\data.ms



Tgt Ion:180 Resp: 97329
Ion Ratio Lower Upper
180 100
182 95.4 72.8 109.2
145 35.0 25.5 38.3

Abundance Scan 2169 (15.127 min): VW022706.D\data.ms (

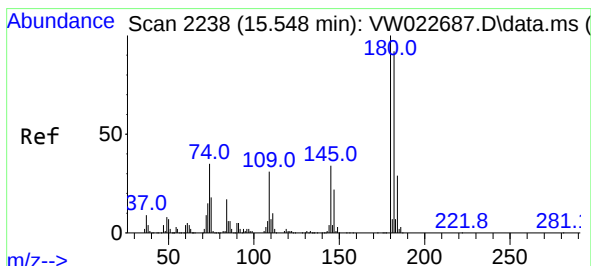
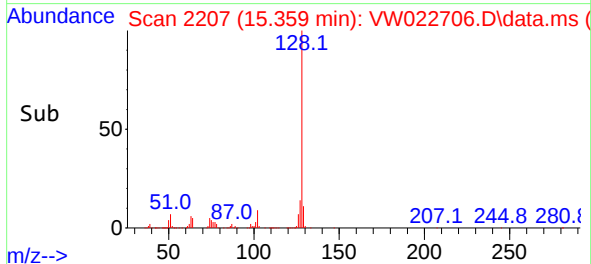
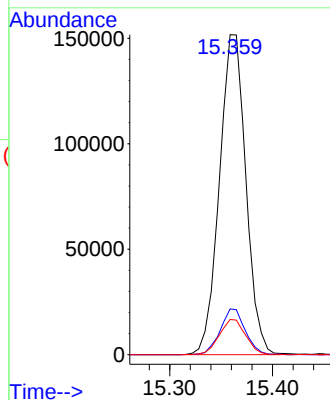
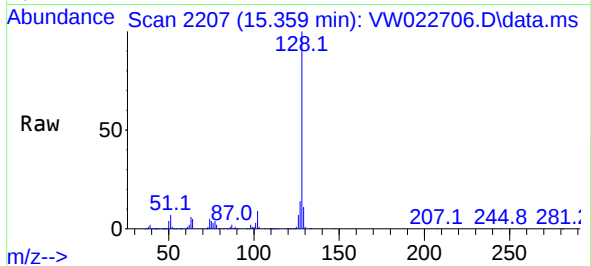




#71
Naphthalene
Concen: 23.147 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Instrument :
MSVOA_W
ClientSampleId :
EW4A1MS

Tgt Ion:128 Resp: 271413
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 20.174 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW022706.D
Acq: 29 Apr 2022 17:45

Tgt Ion:180 Resp: 95866
Ion Ratio Lower Upper
180 100
182 92.7 73.4 110.0
145 34.2 27.0 40.6

