

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022652.D
 Acq On : 27 Apr 2022 19:08
 Operator : SY/VA
 Sample : N2562-20MSD
 Misc : 6.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW478MSD

Quant Time: Apr 28 01:14:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 28 01:10:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	368589	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338684	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	159906	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	97245	11.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.720%
7) Chloroethane-d5	2.885	69	80361	15.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.960%
11) 1,1-Dichloroethene-d2	4.025	63	169248	16.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.040%
21) 2-Butanone-d5	7.080	46	57013	40.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.160%
24) Chloroform-d	7.647	84	236012	20.486	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.960%
26) 1,2-Dichloroethane-d4	8.305	65	119114	18.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.400%
32) Benzene-d6	8.275	84	388733	18.786	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.160%
36) 1,2-Dichloropropane-d6	9.274	67	125068	20.886	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.560%
41) Toluene-d8	10.323	98	354708	17.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	10.579	79	48494	17.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.640%
47) 2-Hexanone-d5	10.920	63	46430	41.675	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	113217	22.236	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	13.847	152	122477	21.624	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	37025	20.492	ug/L	94
3) Chloromethane	2.221	50	88861	19.726	ug/L	99
5) Vinyl chloride	2.361	62	186805	19.873	ug/L	94
6) Bromomethane	2.782	94	109283	19.125	ug/L	98
8) Chloroethane	2.922	64	89620	21.778	ug/L	94
9) Trichlorofluoromethane	3.257	101	95541	27.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129503	23.435	ug/L	95
12) 1,1-Dichloroethene	4.038	96	119248	24.028	ug/L	85
13) Acetone	4.123	43	50632	52.274	ug/L	91
14) Carbon disulfide	4.385	76	284130	17.403	ug/L	99
15) Methyl Acetate	4.672	43	42497	17.484	ug/L	95
16) Methylene chloride	4.915	84	162459	29.292	ug/L	88
17) trans-1,2-Dichloroethene	5.428	96	132075	22.718	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	202444	21.321	ug/L #	85
19) 1,1-Dichloroethane	6.220	63	240186	22.642	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	148557	24.194	ug/L #	90
22) 2-Butanone	7.171	43	66681	45.582	ug/L	98
23) Bromochloromethane	7.513	128	63463	24.016	ug/L	94
25) Chloroform	7.677	83	271642	24.313	ug/L	99

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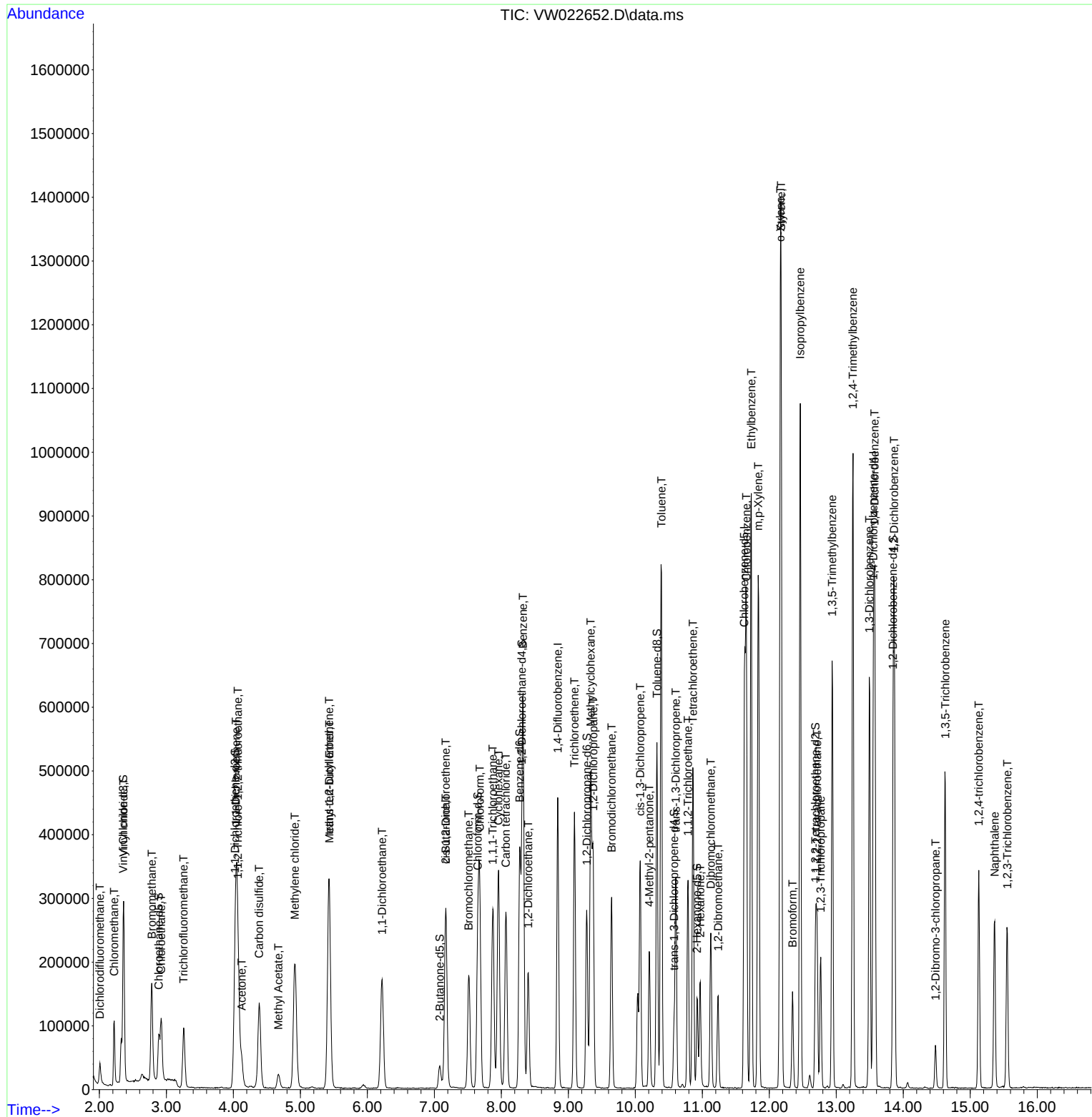
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	162343	20.673	ug/L	97
29) Cyclohexane	7.958	56	180845	18.656	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	228368	24.308	ug/L	97
31) Carbon tetrachloride	8.067	117	202834	24.055	ug/L	98
33) Benzene	8.323	78	551353	23.978	ug/L	100
34) Trichloroethene	9.092	95	145990	23.712	ug/L	95
35) Methylcyclohexane	9.335	83	208987	18.919	ug/L	94
37) 1,2-Dichloropropane	9.372	63	133439	24.223	ug/L	100
38) Bromodichloromethane	9.646	83	190453	24.042	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	203742	23.308	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	133247	39.635	ug/L	95
42) Toluene	10.390	91	615400	23.356	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	171424	21.902	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	102090	24.283	ug/L	91
46) Tetrachloroethene	10.860	164	100438	22.193	ug/L	95
48) 2-Hexanone	10.969	43	103365	43.582	ug/L	95
49) Dibromochloromethane	11.128	129	125123	24.955	ug/L	91
50) 1,2-Dibromoethane	11.238	107	95083	22.904	ug/L	96
51) Chlorobenzene	11.658	112	385704	23.954	ug/L	94
52) Ethylbenzene	11.731	91	668370	22.630	ug/L	95
53) m,p-Xylene	11.835	106	264441	23.548	ug/L	90
54) o-Xylene	12.164	106	253933	23.663	ug/L	97
55) Styrene	12.176	104	422355	23.036	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	112677	21.836	ug/L	99
59) Bromoform	12.347	173	60532	25.475	ug/L	98
60) Isopropylbenzene	12.463	105	685689	25.814	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	80733	23.734	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	359795	24.629	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	541425	24.373	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	257697	23.904	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	260023	24.185	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	227583	23.605	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	15694	19.894	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	136047	19.342	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	93684	15.859	ug/L	94
71) Naphthalene	15.365	128	229049	18.384	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	77844	15.417	ug/L	97

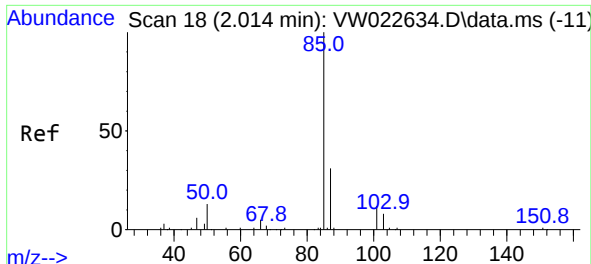
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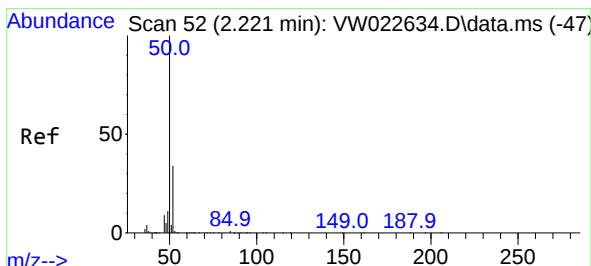
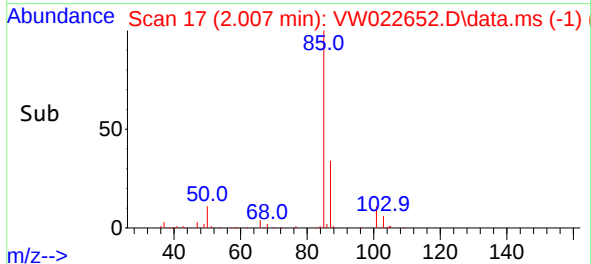
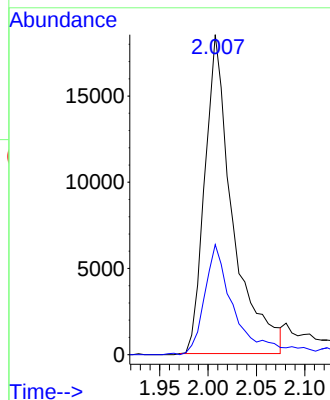
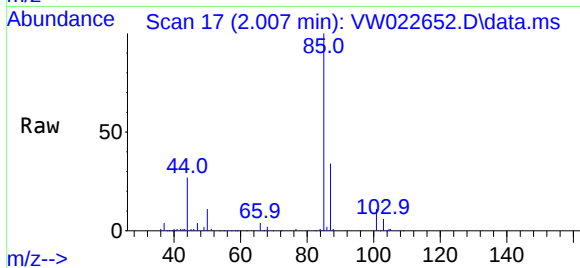




#2
 Dichlorodifluoromethane
 Concen: 20.492 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW022652.D
 Acq: 27 Apr 2022 19:08

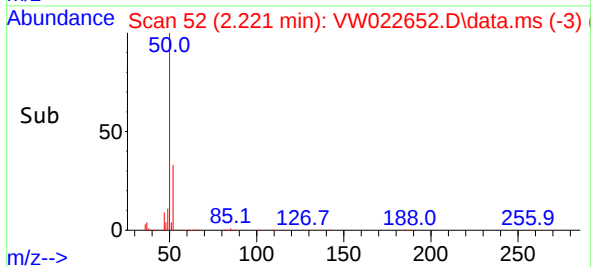
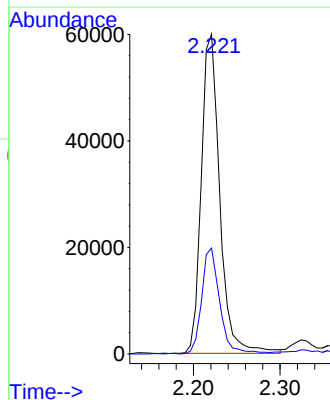
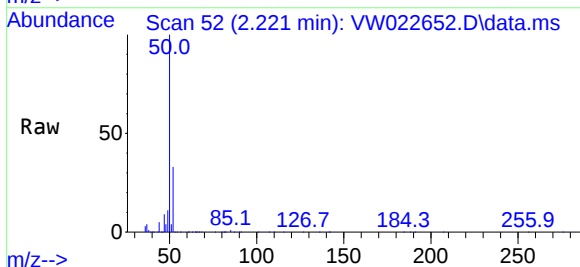
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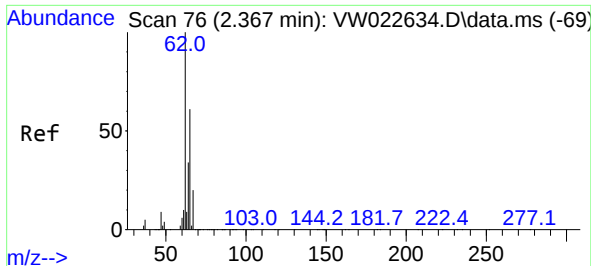
Tgt Ion: 85 Resp: 37025
 Ion Ratio Lower Upper
 85 100
 87 32.6 23.7 35.5



#3
 Chloromethane
 Concen: 19.726 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022652.D
 Acq: 27 Apr 2022 19:08

Tgt Ion: 50 Resp: 88861
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6

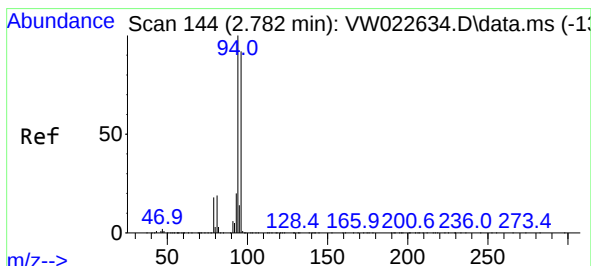
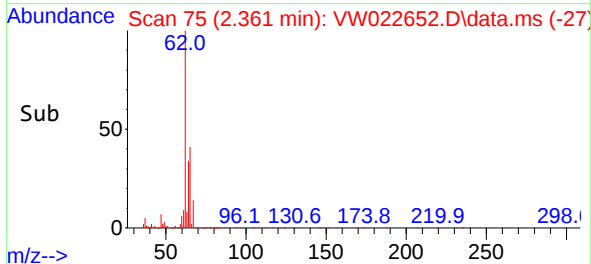
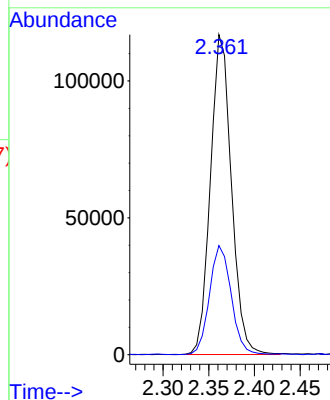
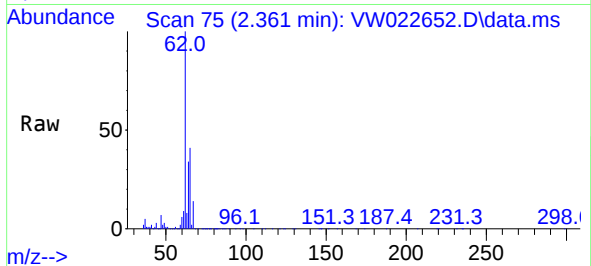




#5
 Vinyl chloride
 Concen: 19.873 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW022652.D
 Acq: 27 Apr 2022 19:08

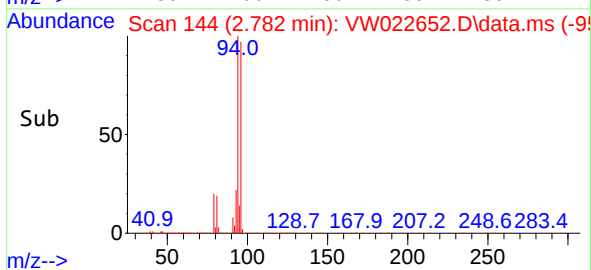
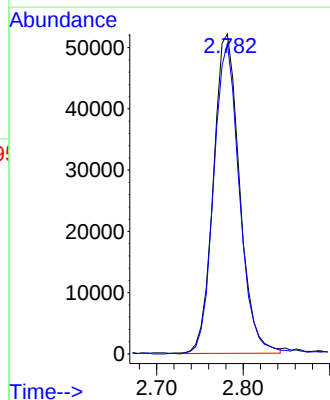
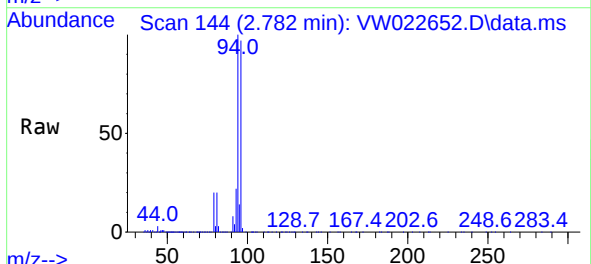
Instrument :
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 ClientSampleId :
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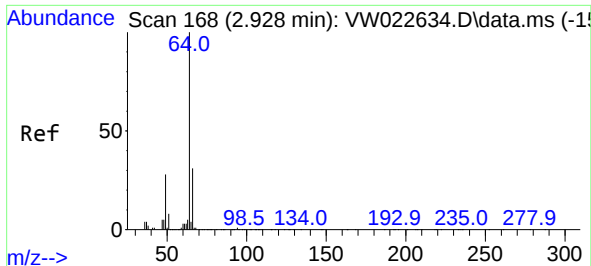
Tgt Ion: 62 Resp: 186805
 Ion Ratio Lower Upper
 62 100
 64 34.1 26.5 49.3



#6
 Bromomethane
 Concen: 19.125 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022652.D
 Acq: 27 Apr 2022 19:08

Tgt Ion: 94 Resp: 109283
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.6 123.6

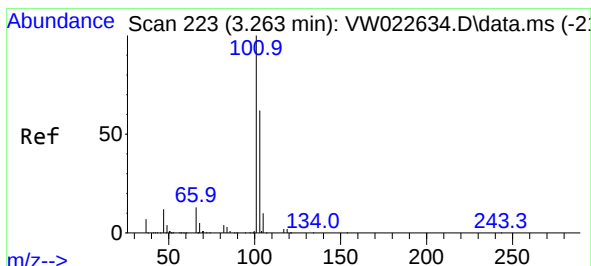
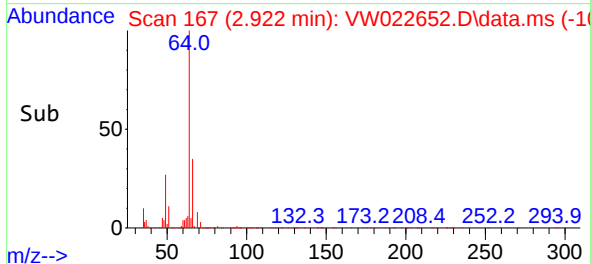
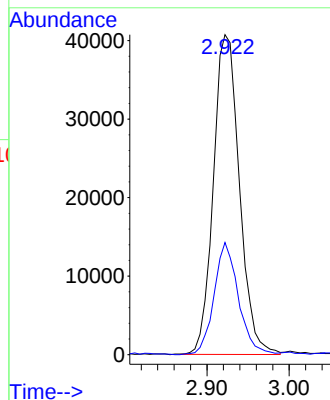
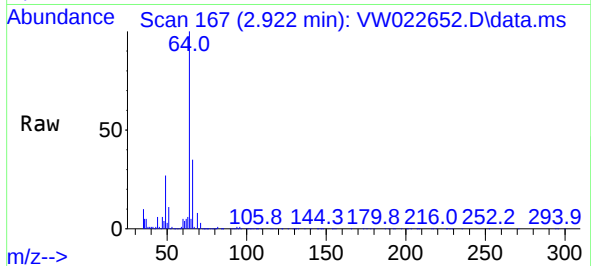




#8
Chloroethane
Concen: 21.778 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

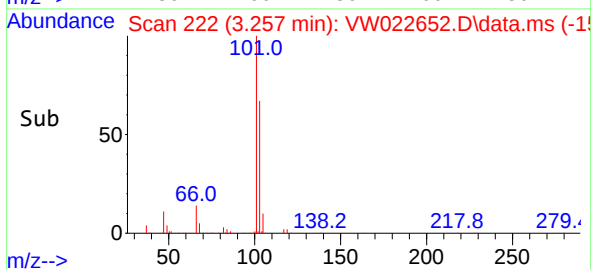
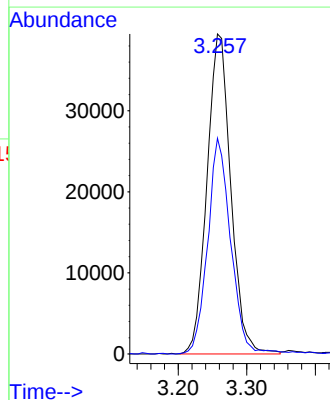
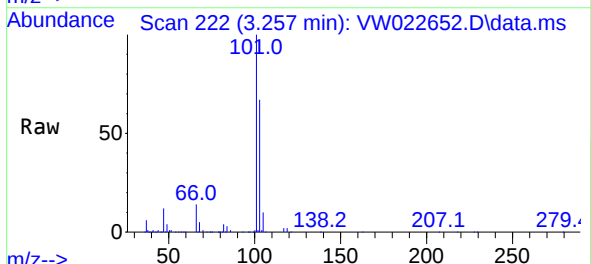
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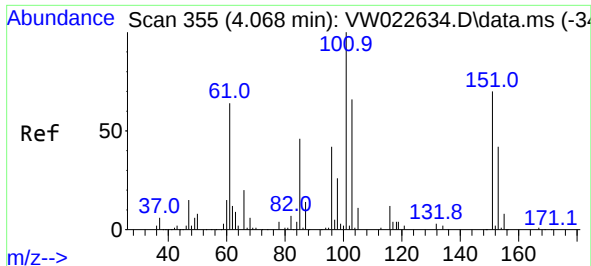
Tgt Ion: 64 Resp: 89620
Ion Ratio Lower Upper
64 100
66 35.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 27.531 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 101 Resp: 95541
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

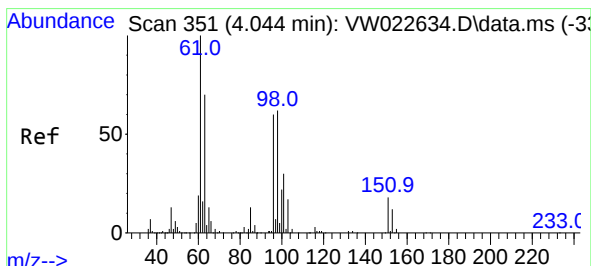
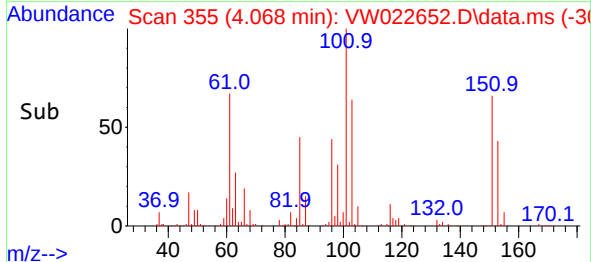
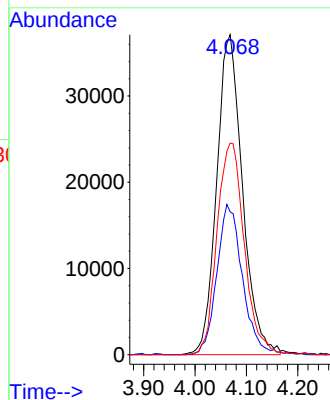
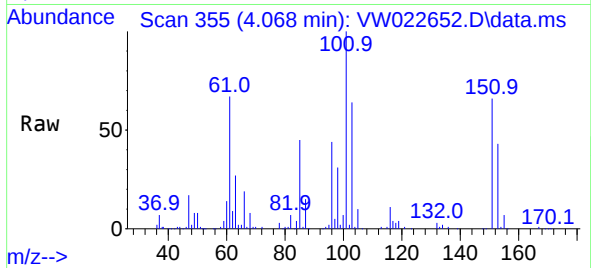




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.435 ug/L
RT: 4.068 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

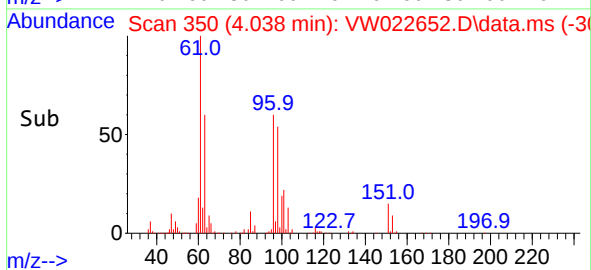
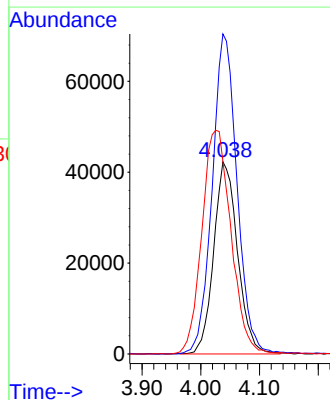
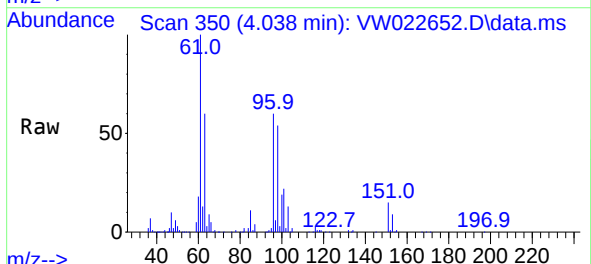
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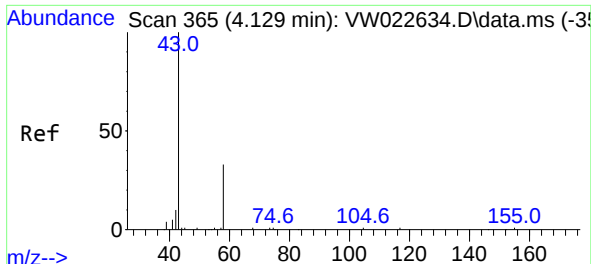
Tgt Ion:101 Resp: 129503
Ion Ratio Lower Upper
101 100
85 46.4 39.2 58.8
151 69.9 52.2 78.4



#12
1,1-Dichloroethene
Concen: 24.028 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 96 Resp: 119248
Ion Ratio Lower Upper
96 100
61 166.6 128.0 237.6
63 100.3 86.6 160.8

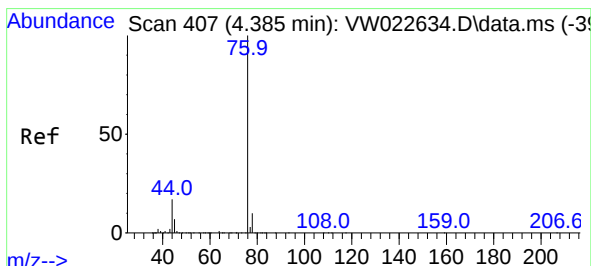
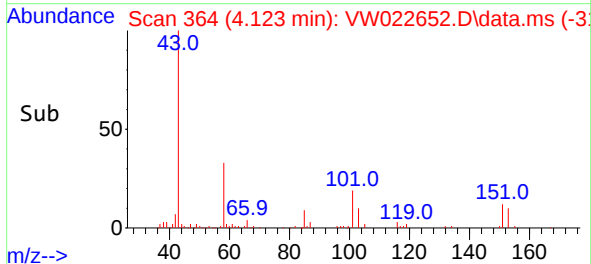
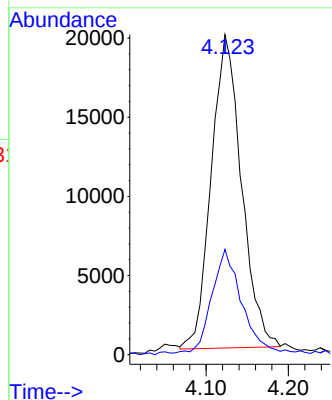
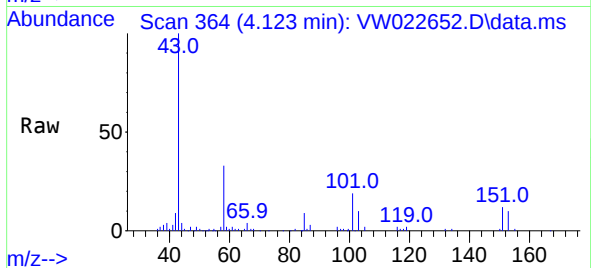




#13
Acetone
Concen: 52.274 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW022652.D
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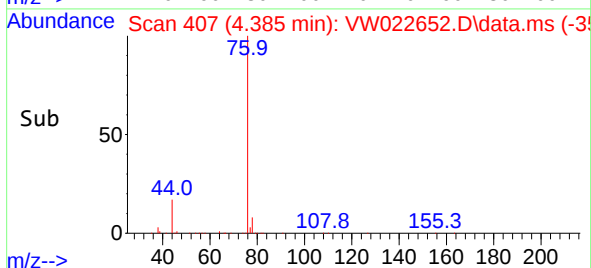
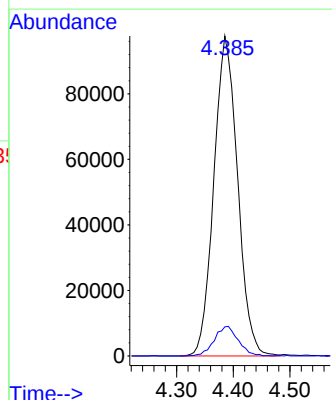
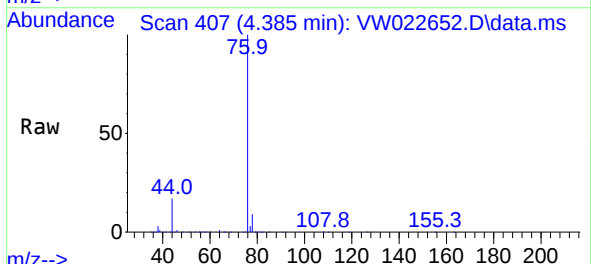
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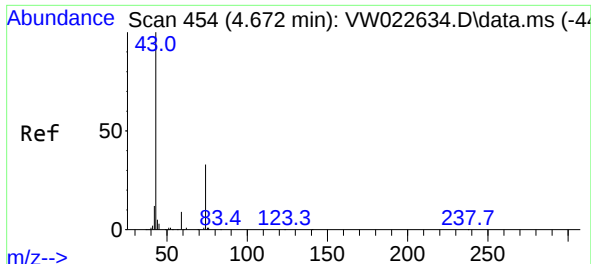
Tgt Ion: 43 Resp: 50632
Ion Ratio Lower Upper
43 100
58 33.1 0.0 57.0



#14
Carbon disulfide
Concen: 17.403 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022652.D
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Tgt Ion: 76 Resp: 284130
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

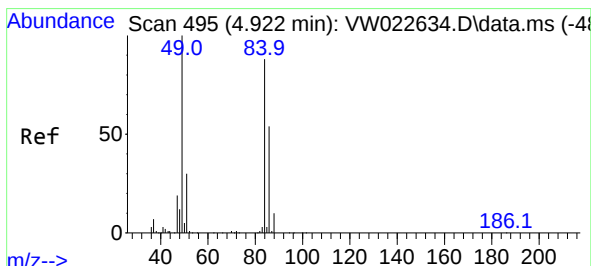
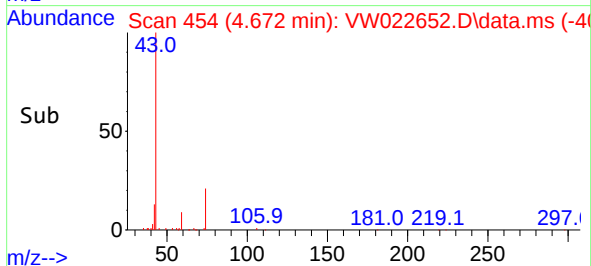
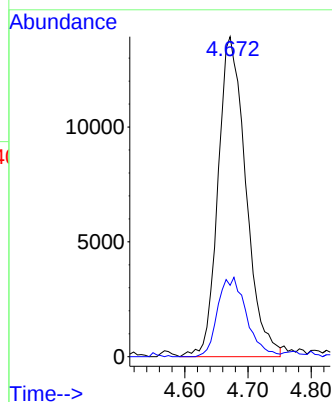
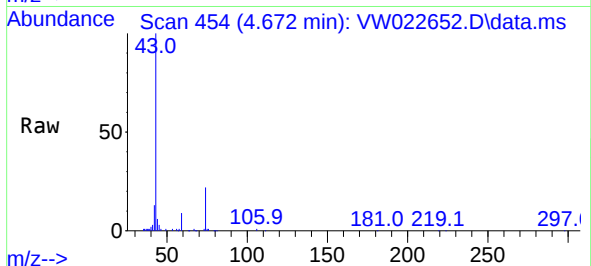




#15
Methyl Acetate
Concen: 17.484 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

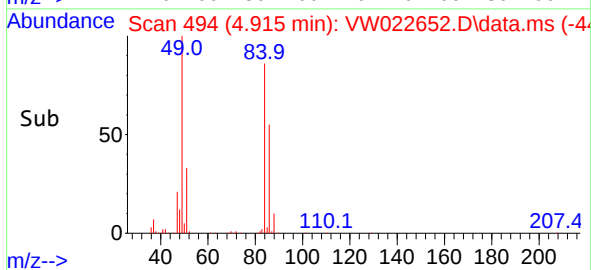
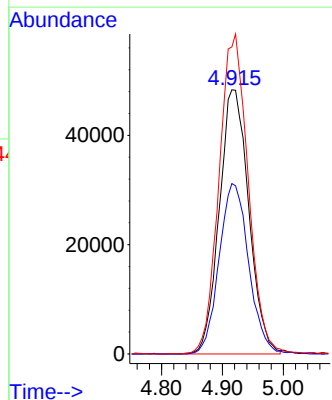
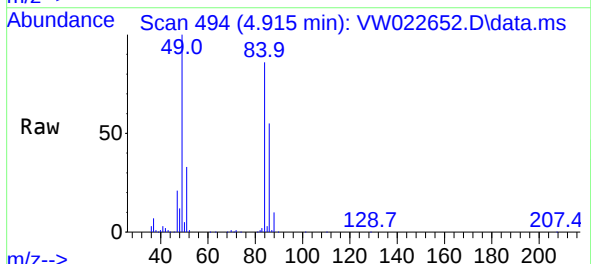
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

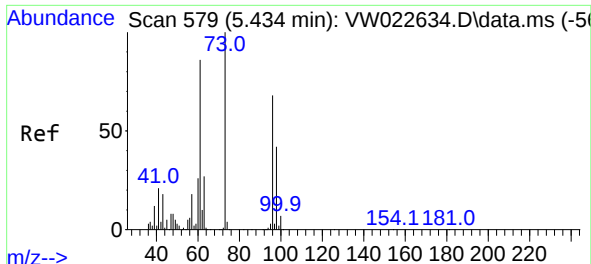
Tgt Ion: 43 Resp: 42497
Ion Ratio Lower Upper
43 100
74 25.7 18.5 27.7



#16
Methylene chloride
Concen: 29.292 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 84 Resp: 162459
Ion Ratio Lower Upper
84 100
86 64.5 42.8 79.4
49 116.3 94.2 175.0

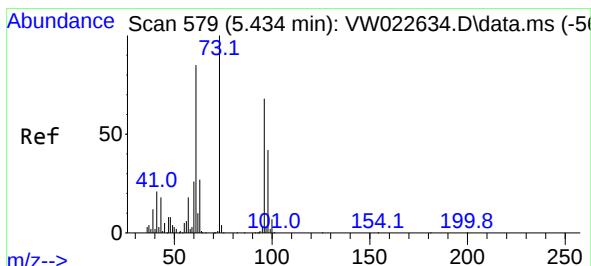
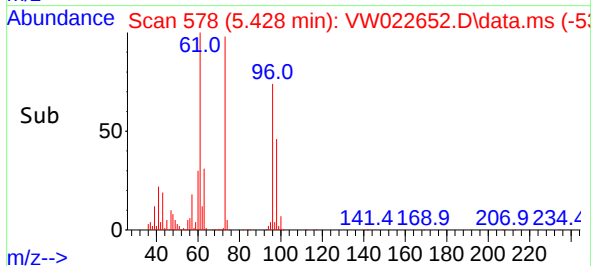
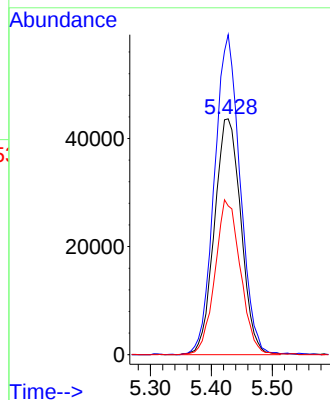
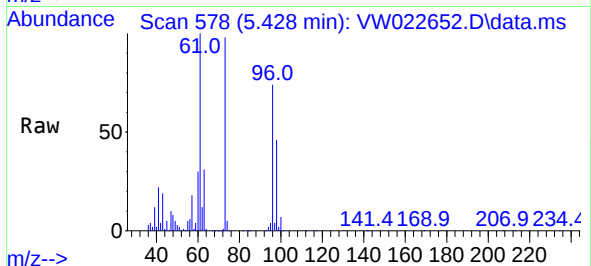




#17
trans-1,2-Dichloroethene
Concen: 22.718 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

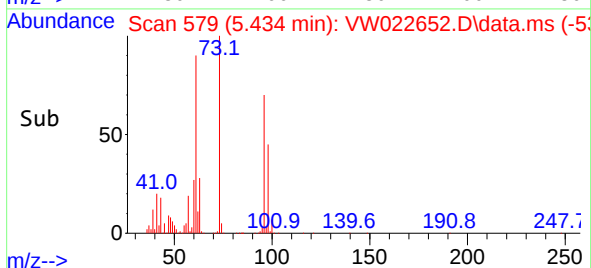
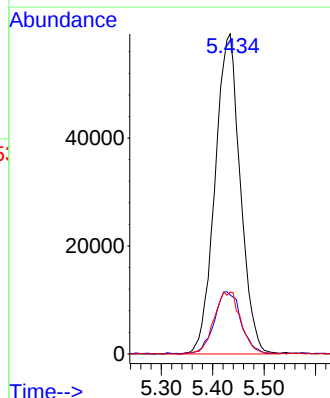
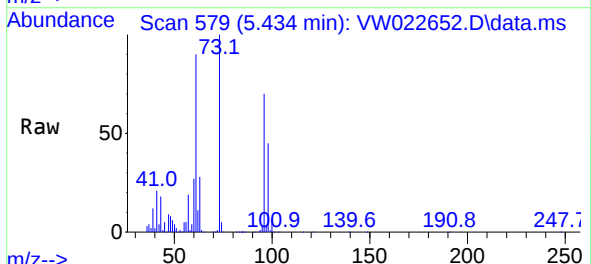
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

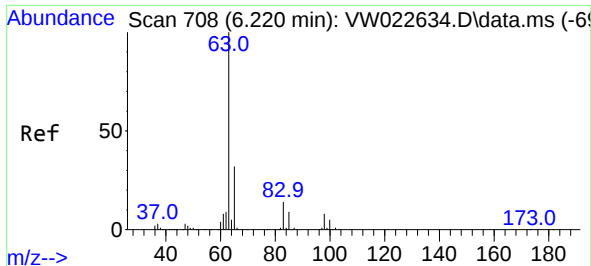
Tgt Ion: 96 Resp: 132075
Ion Ratio Lower Upper
96 100
61 135.7 99.8 185.4
98 63.1 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 21.321 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 73 Resp: 202444
Ion Ratio Lower Upper
73 100
43 20.0 18.8 28.2
57 10.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 22.642 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

EW478MSD

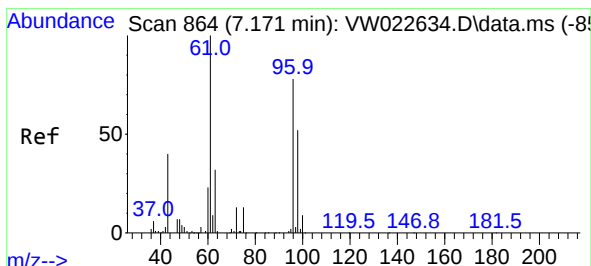
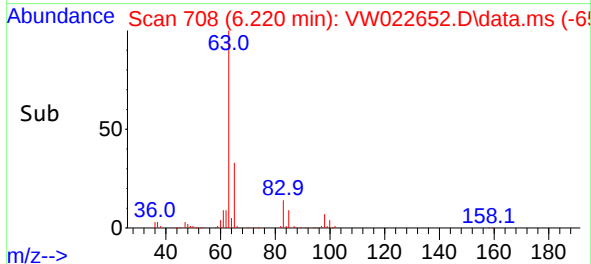
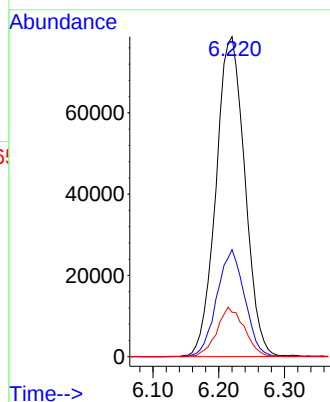
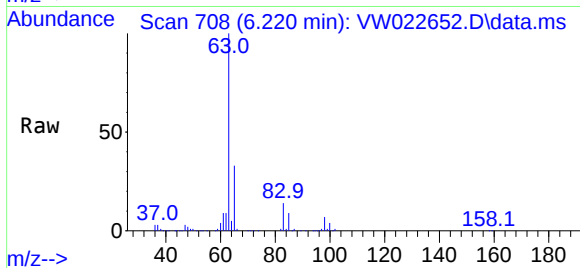
Tgt Ion: 63 Resp: 240186

Ion Ratio Lower Upper

63 100

65 33.4 21.1 39.3

83 13.9 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 24.194 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

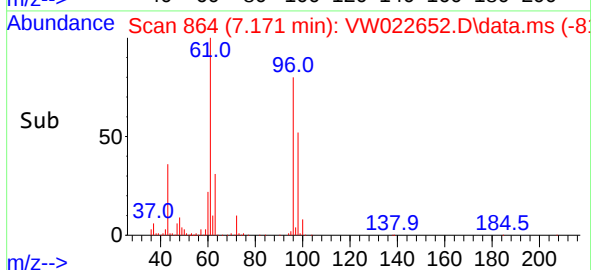
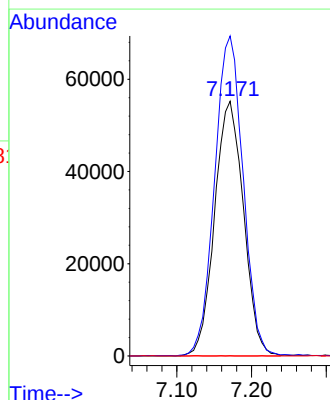
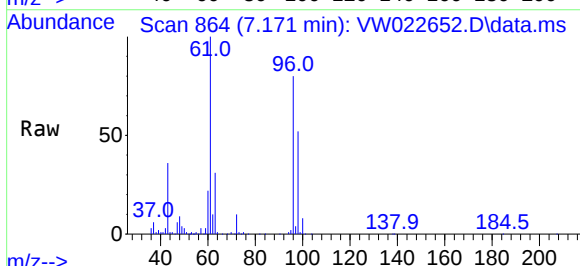
Tgt Ion: 96 Resp: 148557

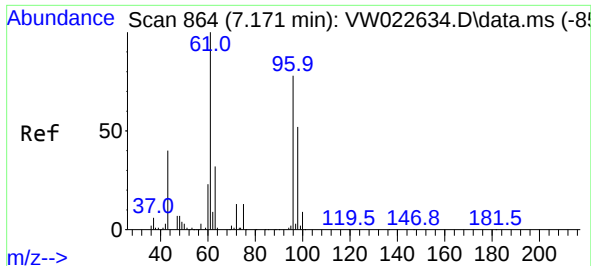
Ion Ratio Lower Upper

96 100

61 125.7 96.4 179.0

68 0.1 0.1 0.3

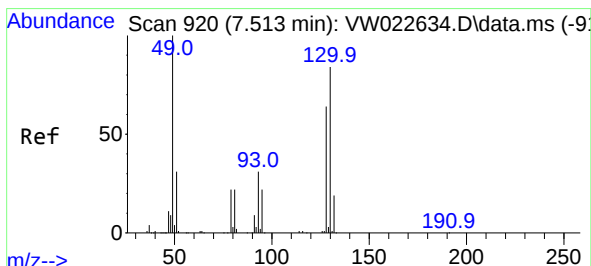
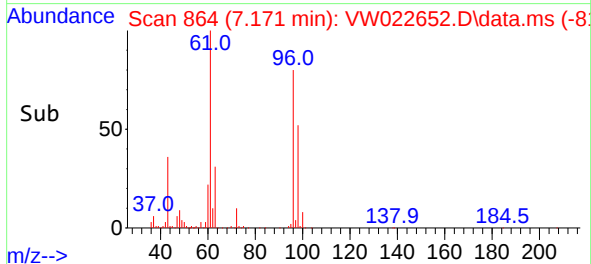
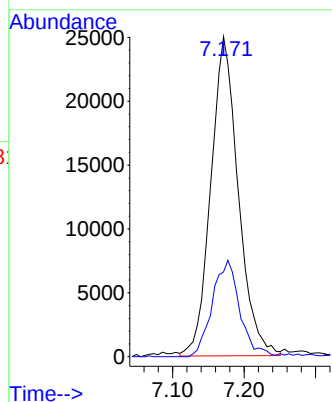
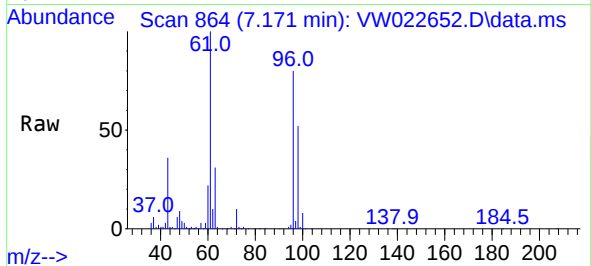




#22
2-Butanone
Concen: 45.582 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

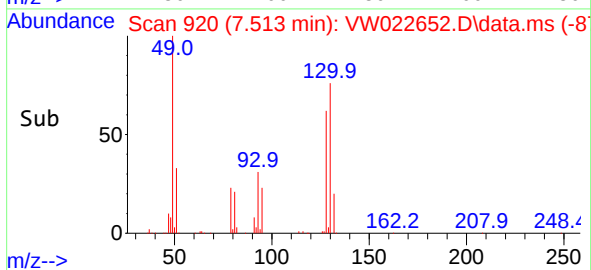
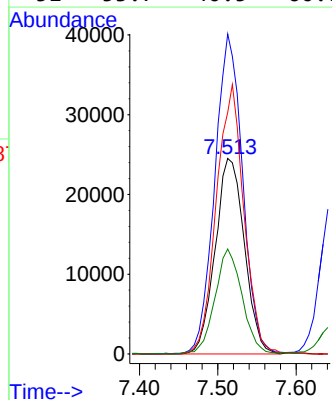
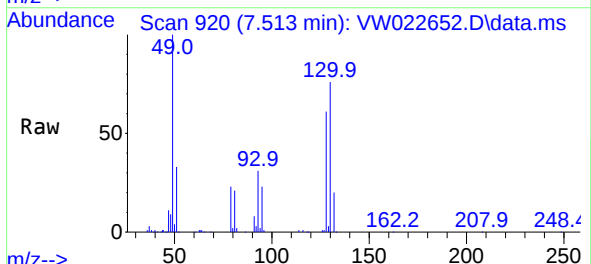
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

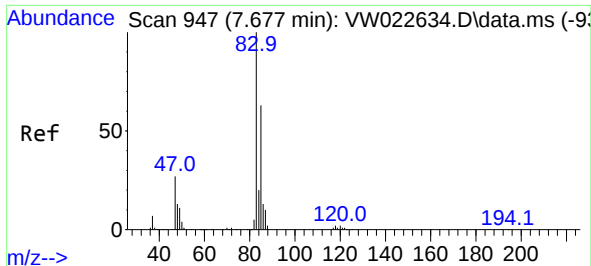
Tgt Ion: 43 Resp: 66681
Ion Ratio Lower Upper
43 100
72 29.0 14.0 42.0



#23
Bromochloromethane
Concen: 24.016 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 128 Resp: 63463
Ion Ratio Lower Upper
128 100
49 163.7 120.8 224.3
130 123.6 81.8 151.8
51 53.7 40.5 60.7

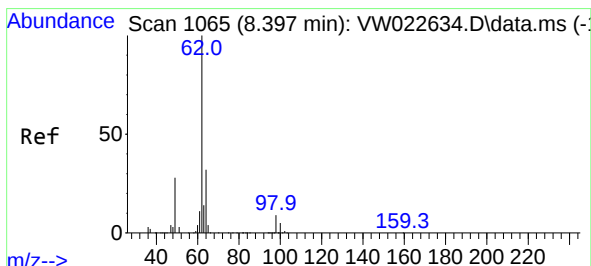
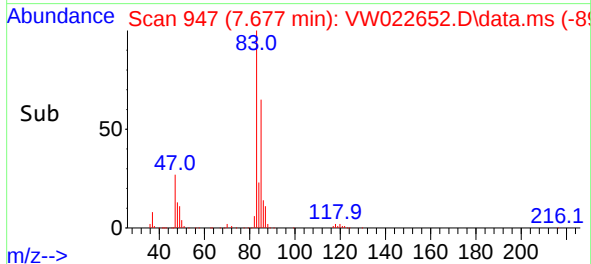
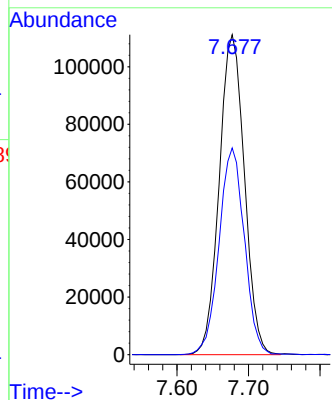
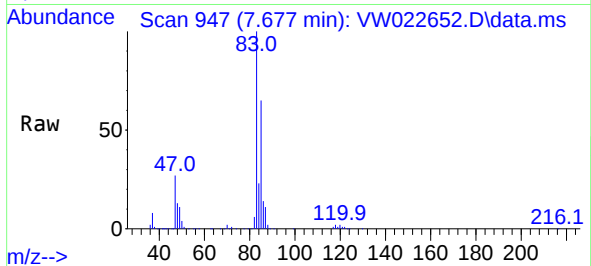




#25
Chloroform
Concen: 24.313 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

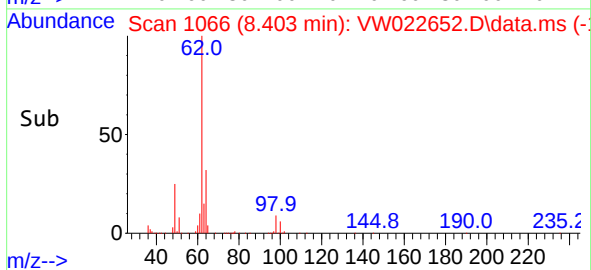
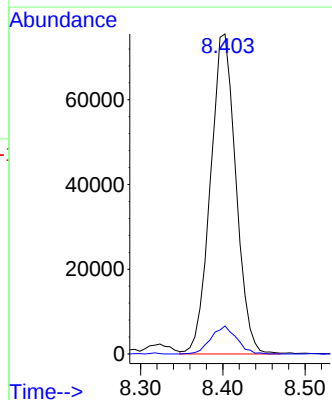
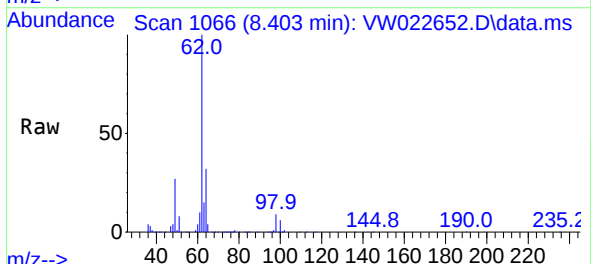
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

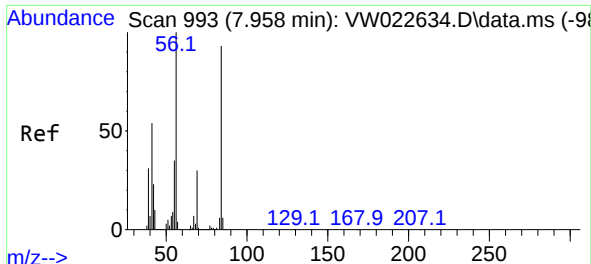
Tgt Ion: 83 Resp: 271642
Ion Ratio Lower Upper
83 100
85 64.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 20.673 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 62 Resp: 162343
Ion Ratio Lower Upper
62 100
98 8.7 6.2 9.2





#29

Cyclohexane

Concen: 18.656 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

EW478MSD

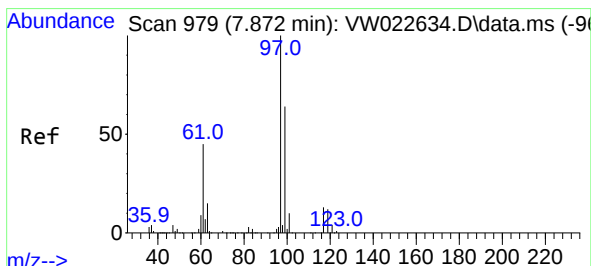
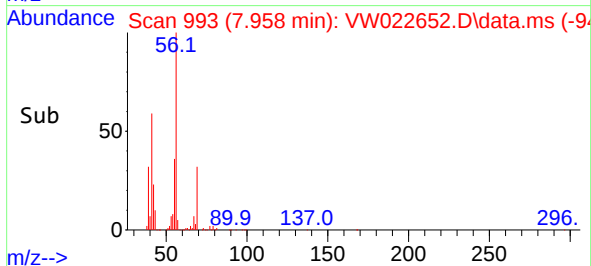
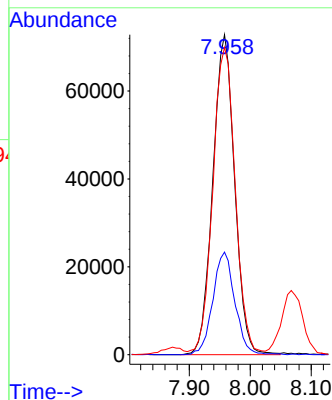
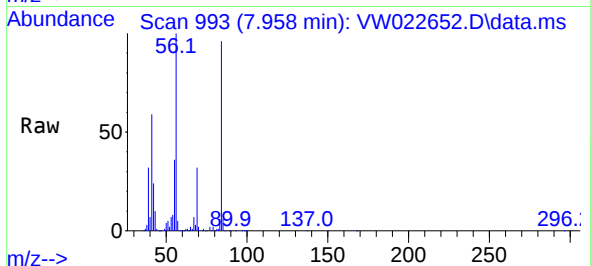
Tgt Ion: 56 Resp: 180845

Ion Ratio Lower Upper

56 100

69 32.2 24.4 36.6

84 99.1 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 24.308 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

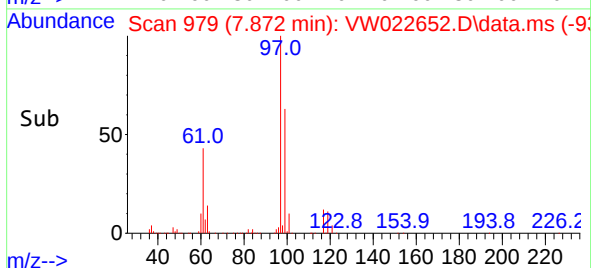
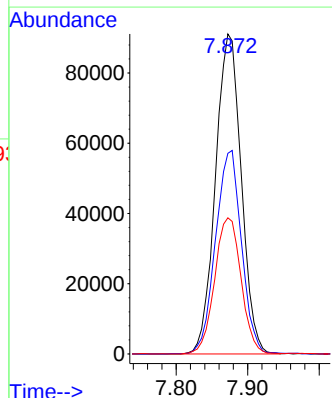
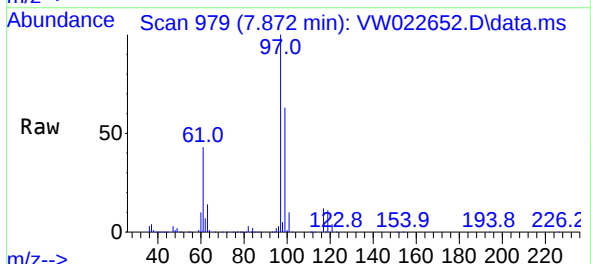
Tgt Ion: 97 Resp: 228368

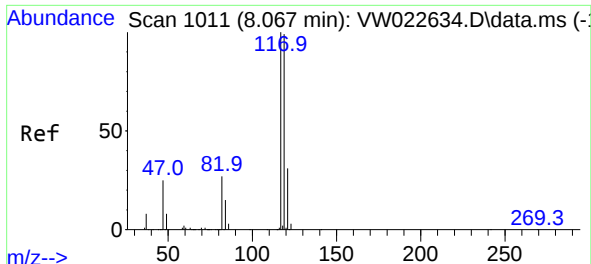
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 43.7 38.7 58.1

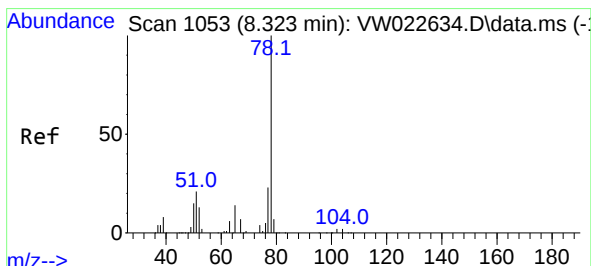
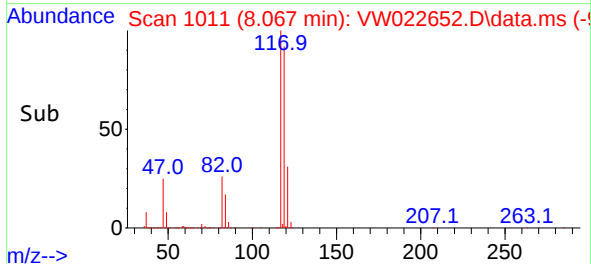
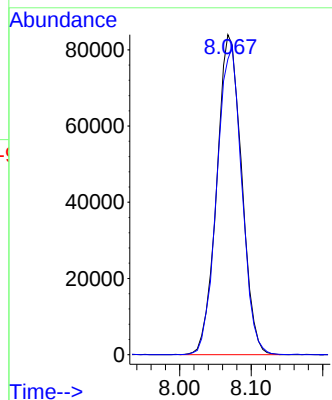
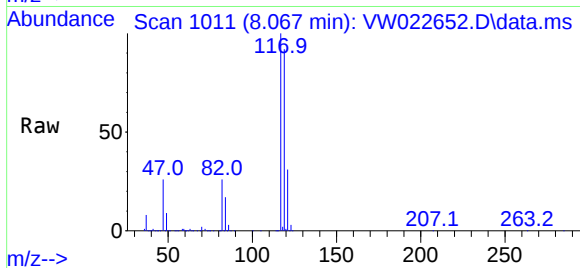




#31
Carbon tetrachloride
Concen: 24.055 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

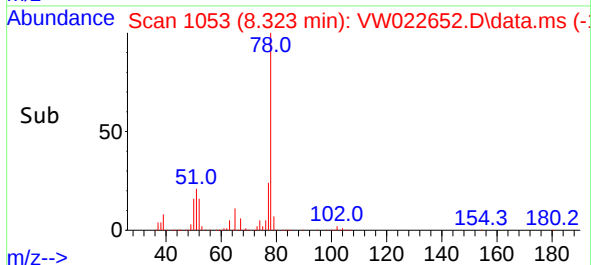
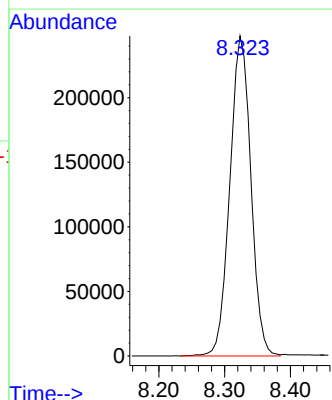
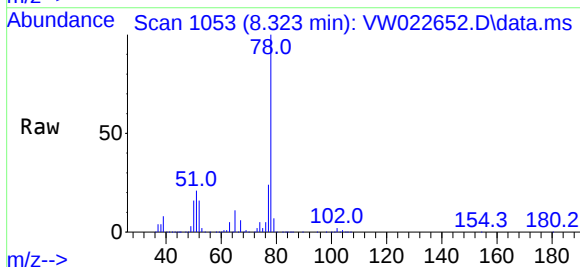
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

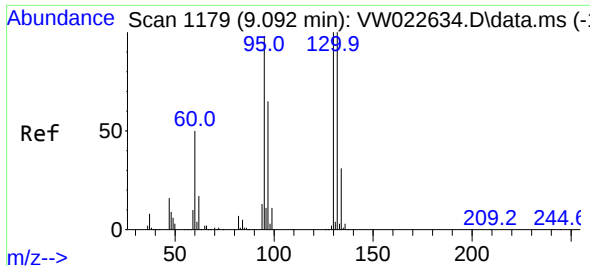
Tgt Ion:117 Resp: 202834
Ion Ratio Lower Upper
117 100
119 96.5 75.5 113.3



#33
Benzene
Concen: 23.978 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 78 Resp: 551353



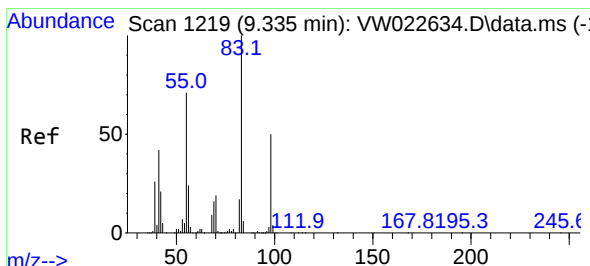
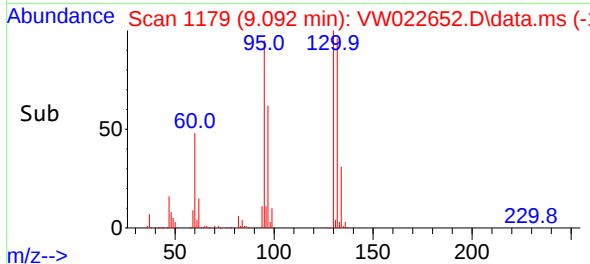
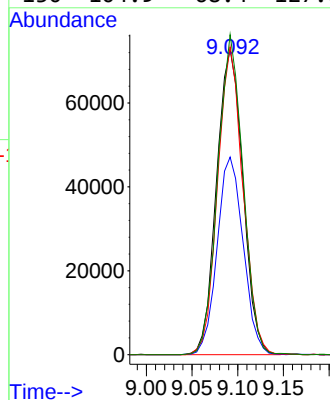
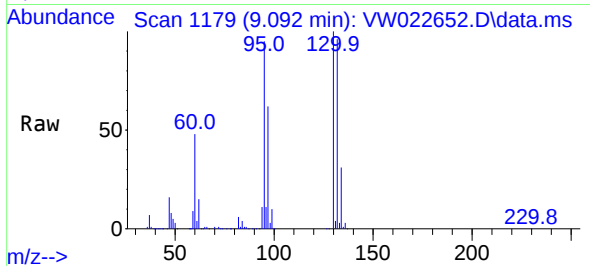


#34
Trichloroethene
Concen: 23.712 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

Tgt Ion: 95 Resp: 145990

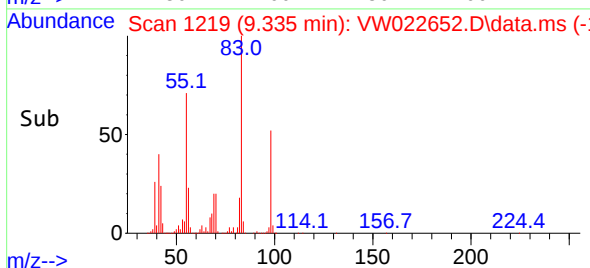
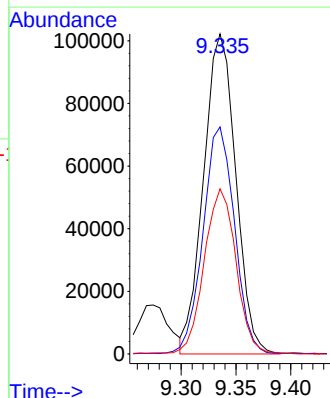
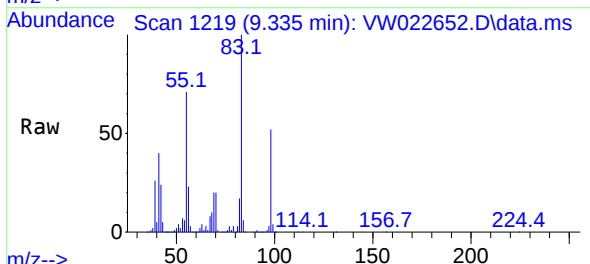
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.4	86.2
132	100.9	67.4	125.2
130	104.9	68.4	127.0

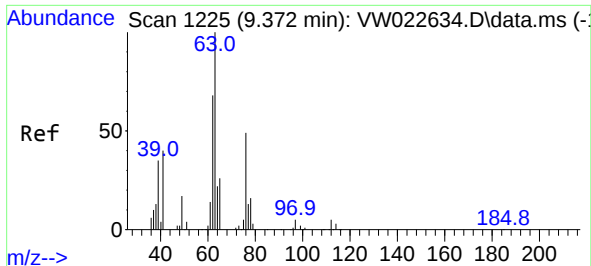


#35
Methylcyclohexane
Concen: 18.919 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 83 Resp: 208987

Ion	Ratio	Lower	Upper
83	100		
55	69.6	61.0	91.6
98	50.9	39.2	58.8





#37

1,2-Dichloropropane

Concen: 24.223 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

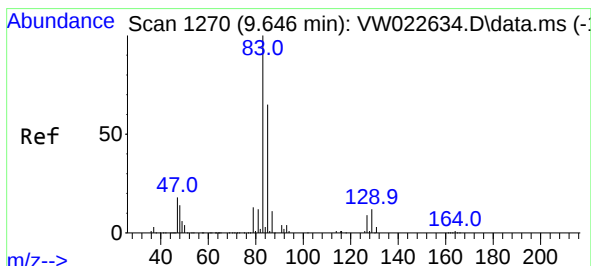
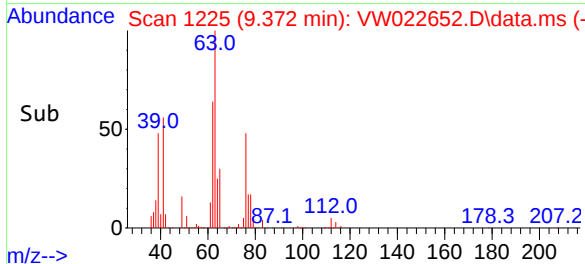
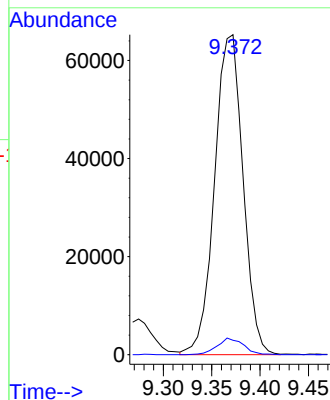
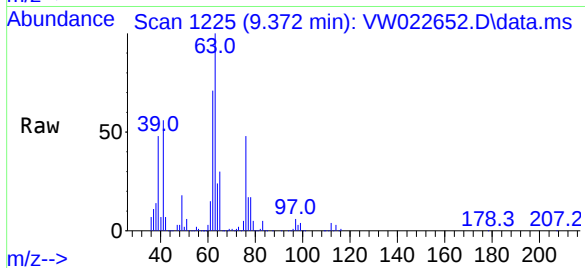
EW478MSD

Tgt Ion: 63 Resp: 133439

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 24.042 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

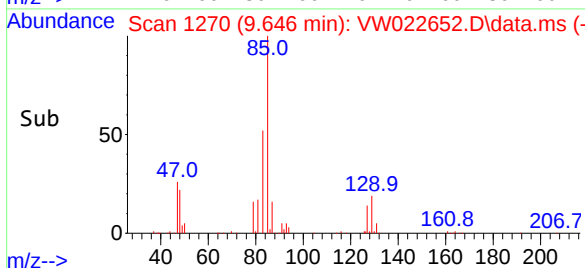
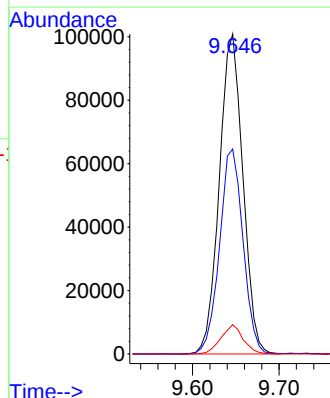
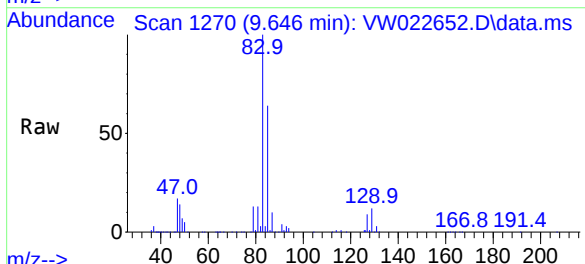
Tgt Ion: 83 Resp: 190453

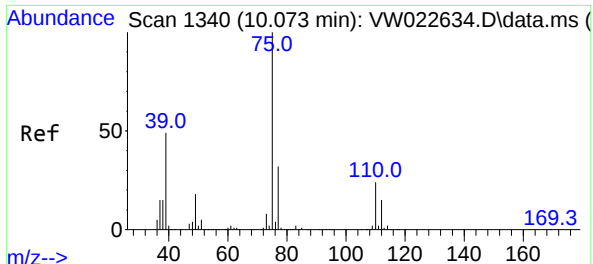
Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0

127 9.1 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 23.308 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

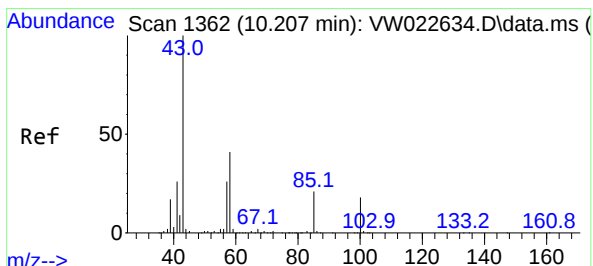
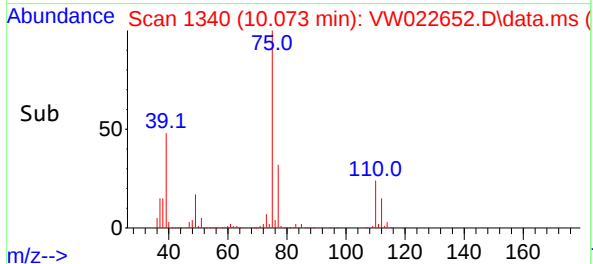
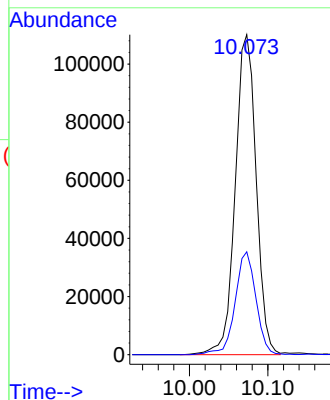
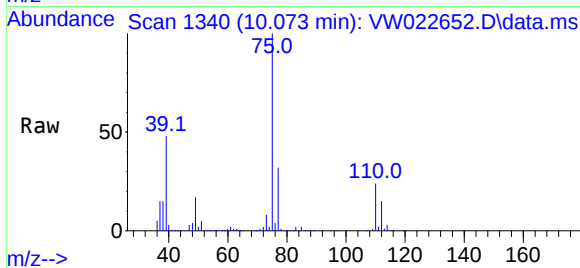
EW478MSD

Tgt Ion: 75 Resp: 203742

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 39.635 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

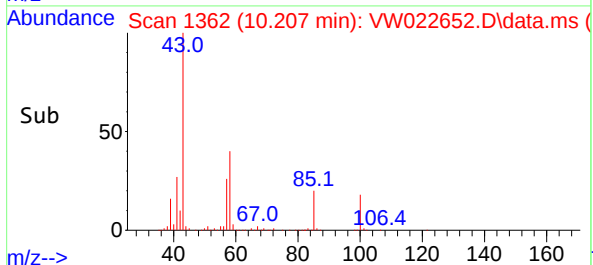
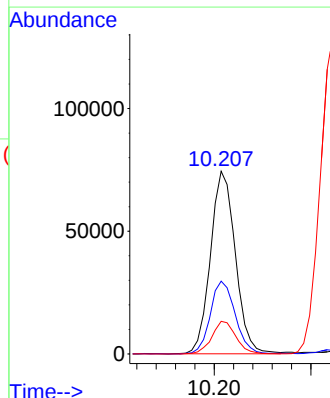
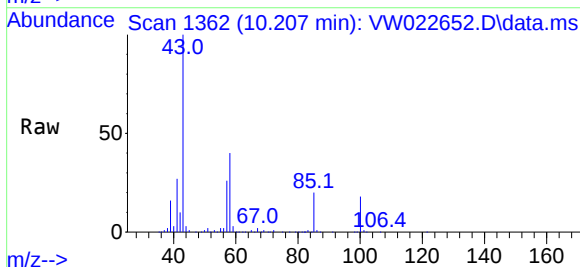
Tgt Ion: 43 Resp: 133247

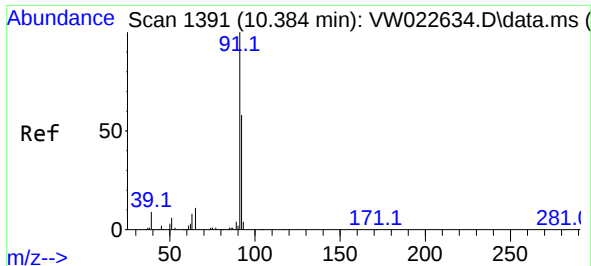
Ion Ratio Lower Upper

43 100

58 39.7 29.3 43.9

100 17.3 12.2 18.4

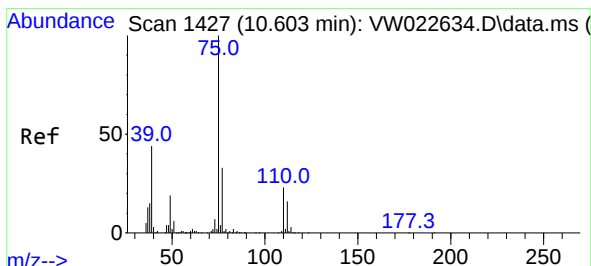
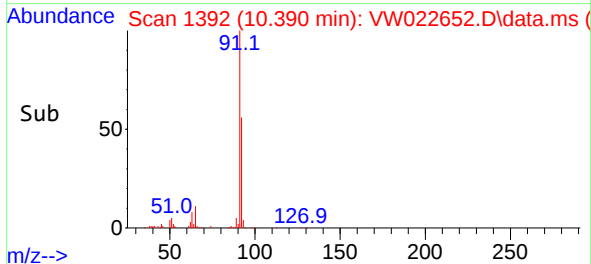
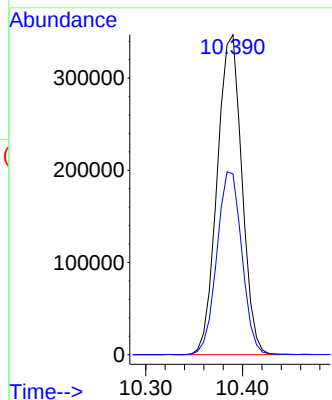
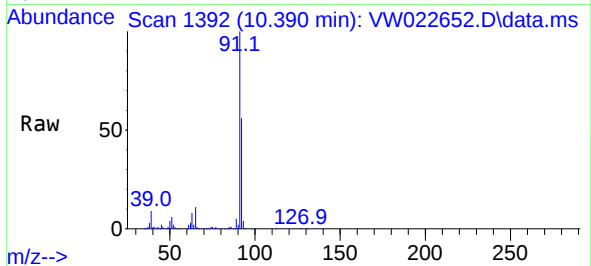




#42
Toluene
Concen: 23.356 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

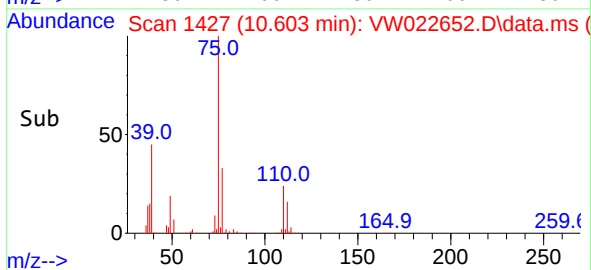
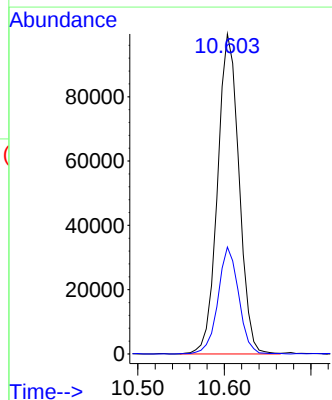
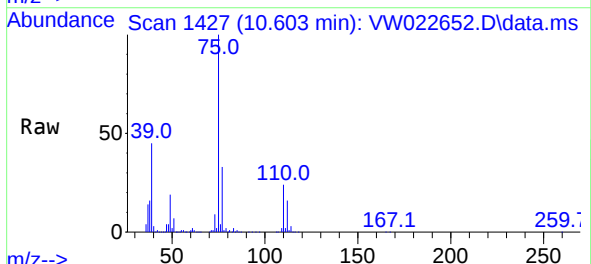
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

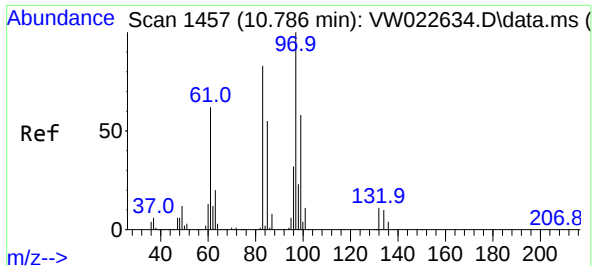
Tgt Ion: 91 Resp: 615400
Ion Ratio Lower Upper
91 100
92 56.5 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 21.902 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 75 Resp: 171424
Ion Ratio Lower Upper
75 100
77 33.4 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 24.283 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

EW478MSD

Tgt Ion: 97 Resp: 102090

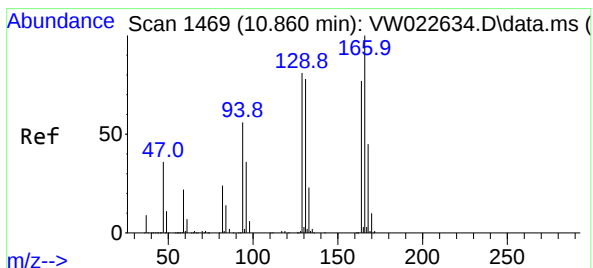
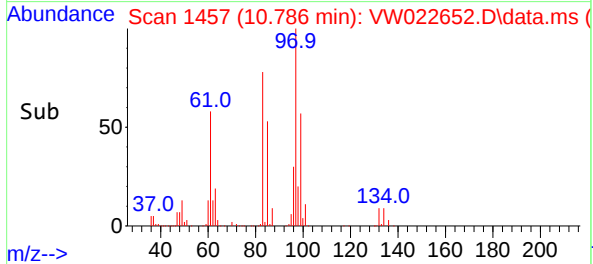
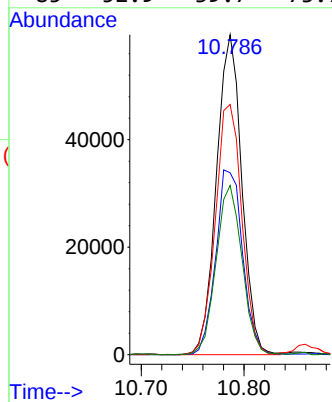
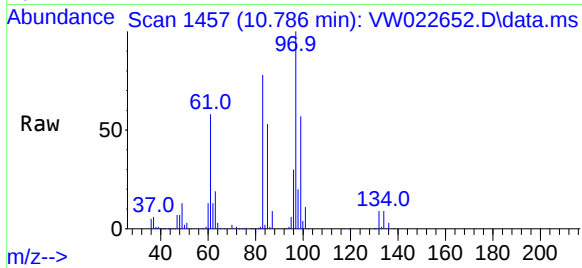
Ion Ratio Lower Upper

97 100

99 56.9 46.0 85.4

83 78.2 60.6 112.6

85 52.9 39.7 73.7



#46

Tetrachloroethene

Concen: 22.193 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

Tgt Ion:164 Resp: 100438

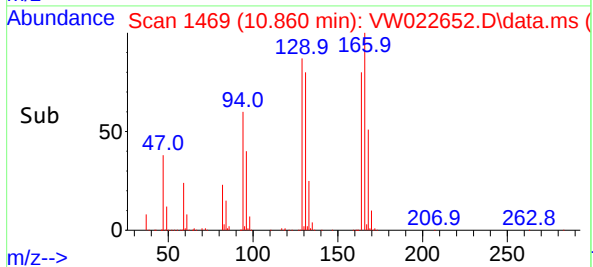
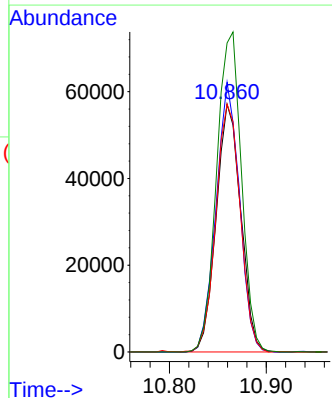
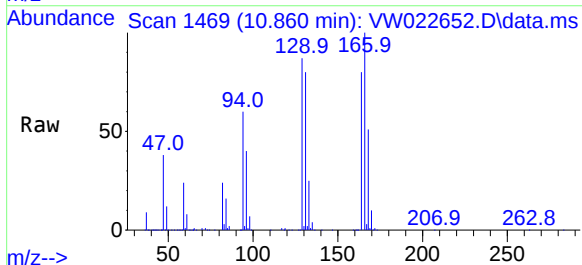
Ion Ratio Lower Upper

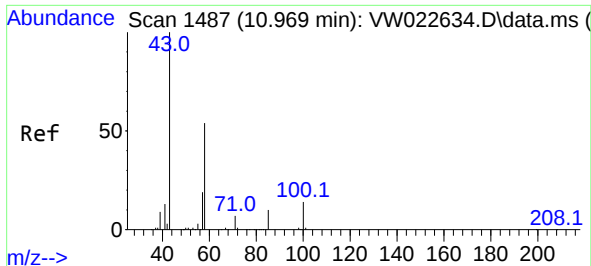
164 100

129 108.8 74.1 137.7

131 100.1 71.4 132.6

166 124.7 95.9 178.1



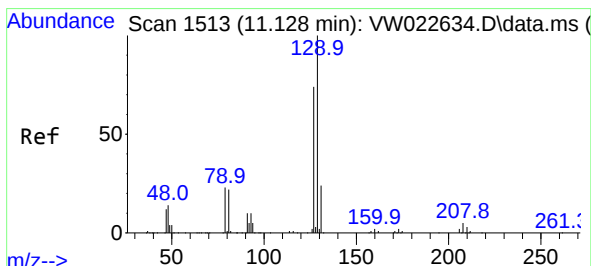
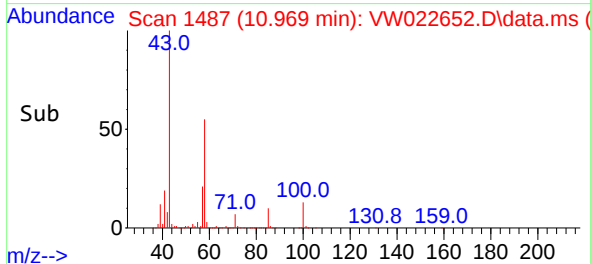
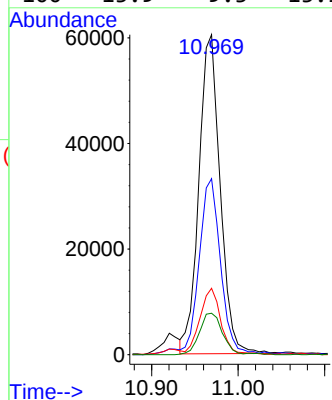
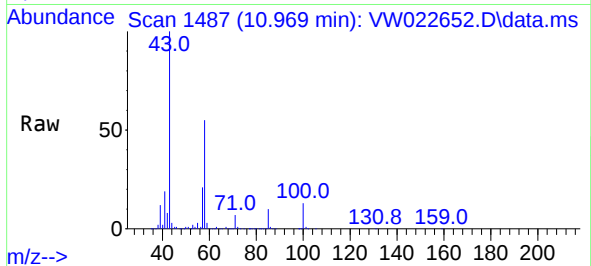


#48
2-Hexanone
Concen: 43.582 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

Tgt Ion: 43 Resp: 103365

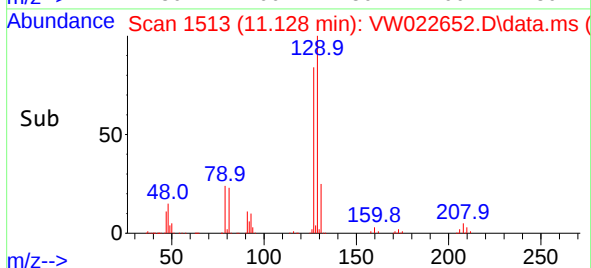
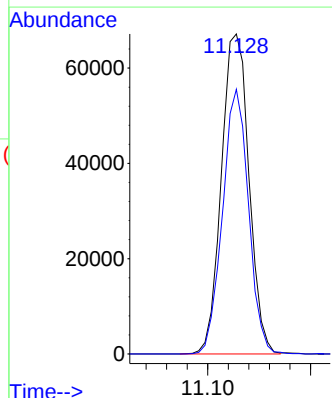
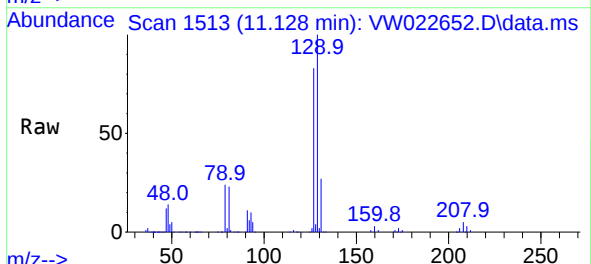
Ion	Ratio	Lower	Upper
43	100		
58	55.1	41.6	62.4
57	20.5	14.5	21.7
100	13.9	9.3	13.9

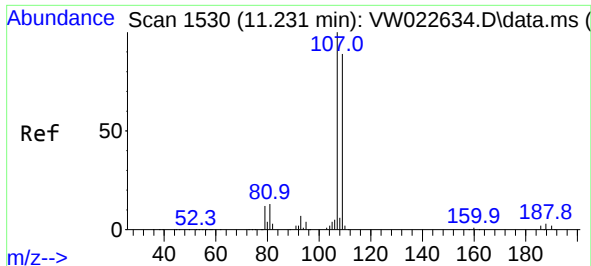


#49
Dibromochloromethane
Concen: 24.955 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 129 Resp: 125123

Ion	Ratio	Lower	Upper
129	100		
127	82.7	52.6	97.6

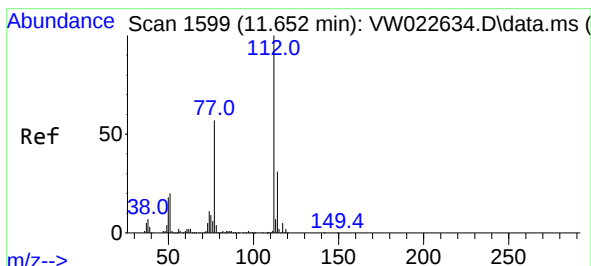
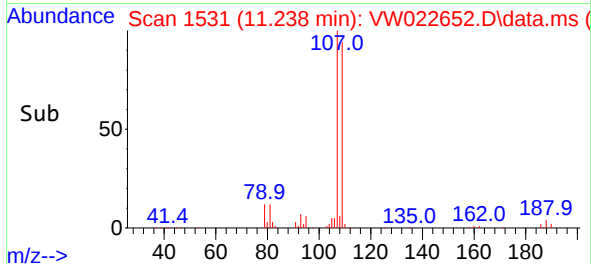
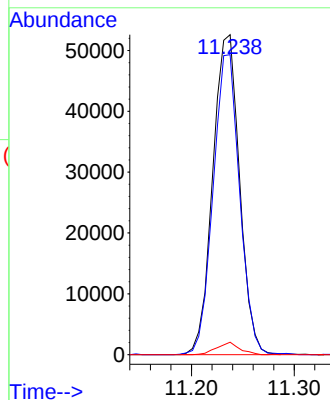
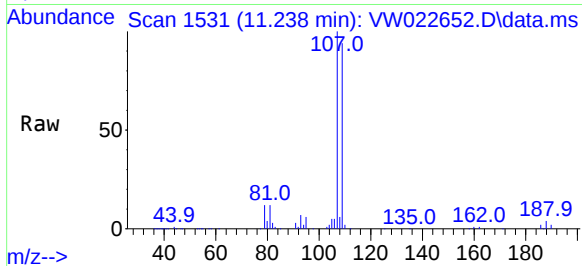




#50
1,2-Dibromoethane
Concen: 22.904 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

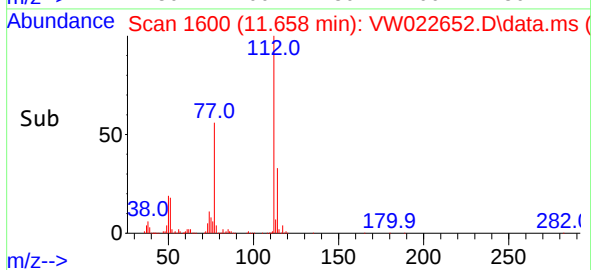
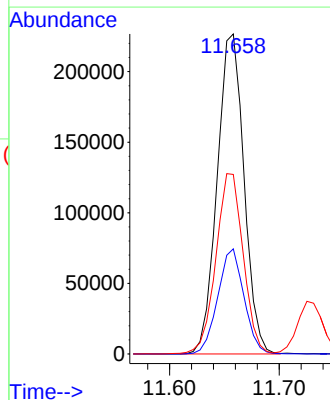
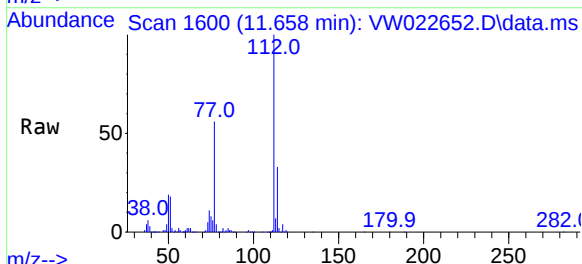
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

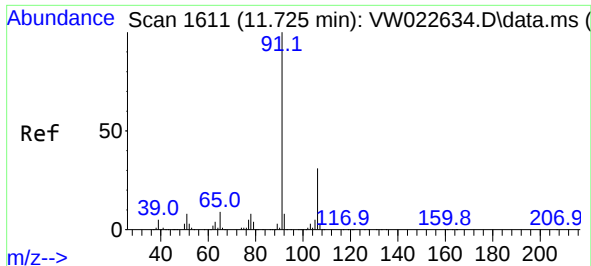
Tgt Ion:107 Resp: 95083
Ion Ratio Lower Upper
107 100
109 93.7 68.2 126.6
188 3.9 2.8 4.2



#51
Chlorobenzene
Concen: 23.954 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion:112 Resp: 385704
Ion Ratio Lower Upper
112 100
114 32.8 20.5 38.1
77 56.1 48.1 72.1





#52

Ethylbenzene

Concen: 22.630 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022652.D

Acq: 27 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

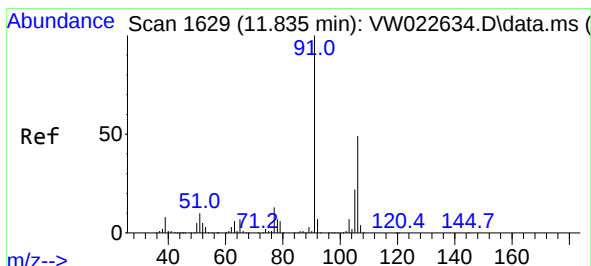
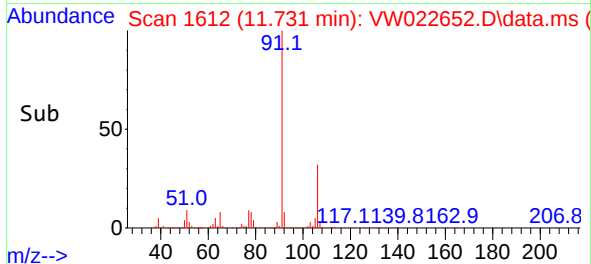
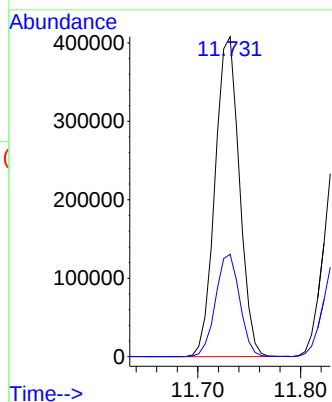
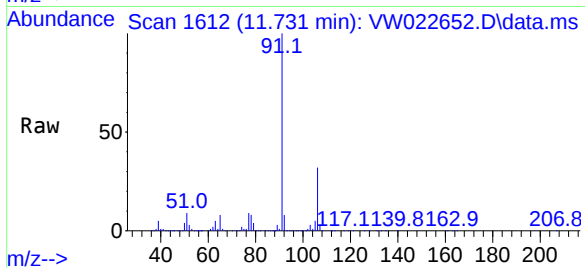
EW478MSD

Tgt Ion: 91 Resp: 668370

Ion Ratio Lower Upper

91 100

106 32.0 20.5 38.1



#53

m,p-Xylene

Concen: 23.548 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022652.D

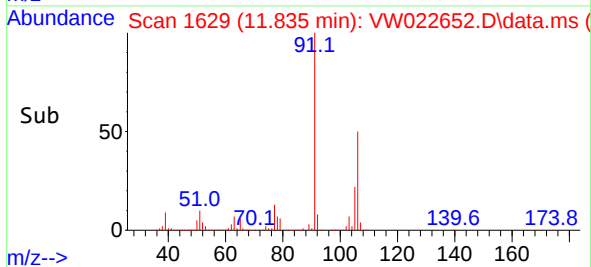
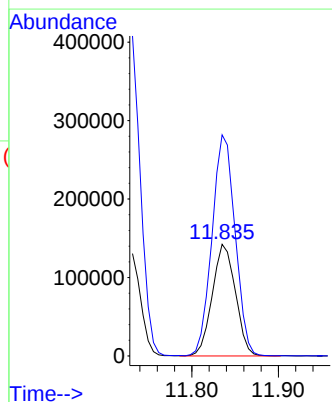
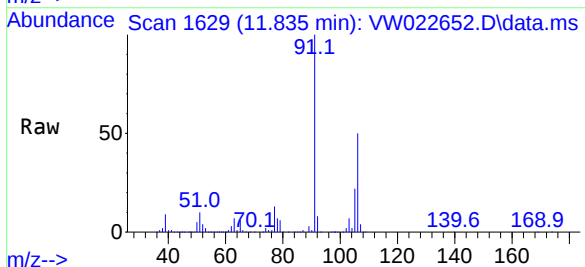
Acq: 27 Apr 2022 19:08

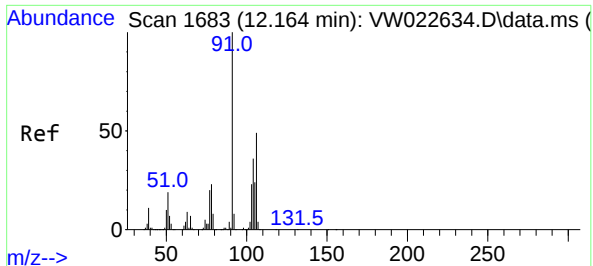
Tgt Ion:106 Resp: 264441

Ion Ratio Lower Upper

106 100

91 198.1 149.9 278.5

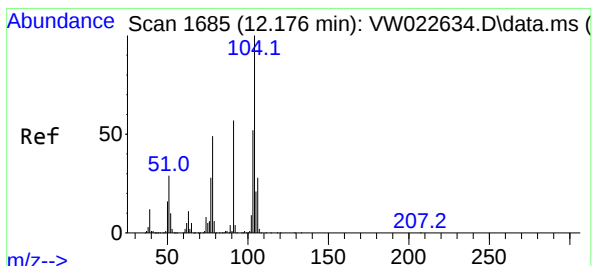
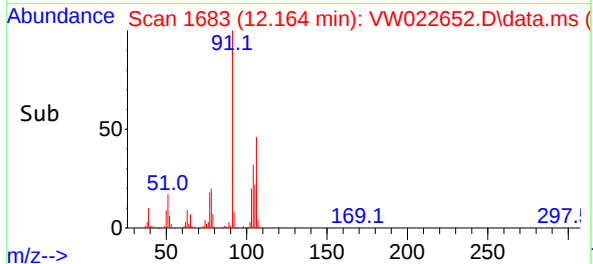
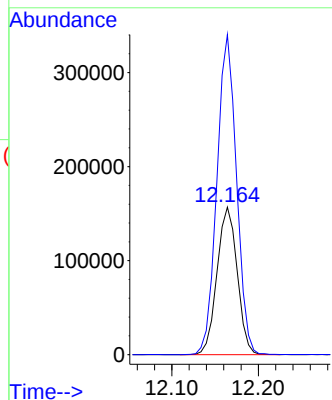
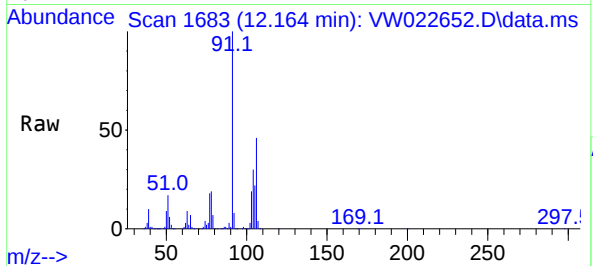




#54
o-Xylene
Concen: 23.663 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

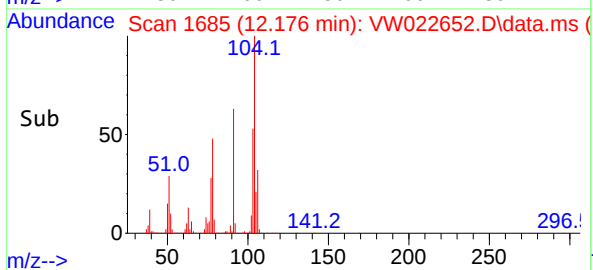
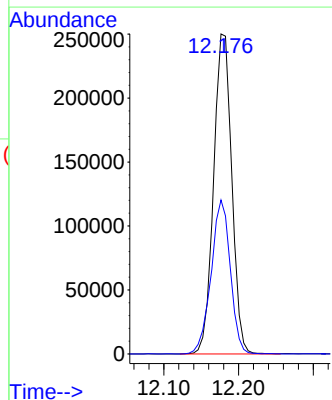
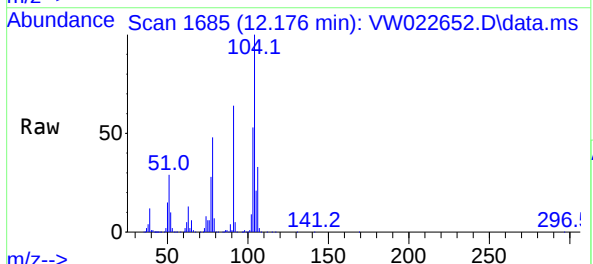
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

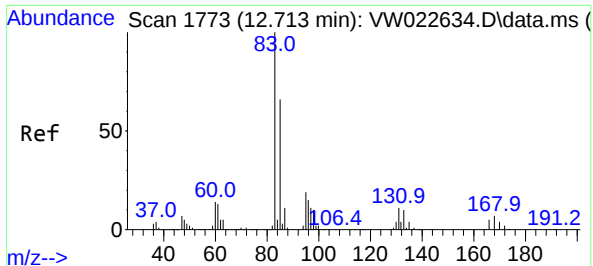
Tgt Ion:106 Resp: 253933
Ion Ratio Lower Upper
106 100
91 216.9 155.3 288.3



#55
Styrene
Concen: 23.036 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion:104 Resp: 422355
Ion Ratio Lower Upper
104 100
78 48.1 34.4 64.0

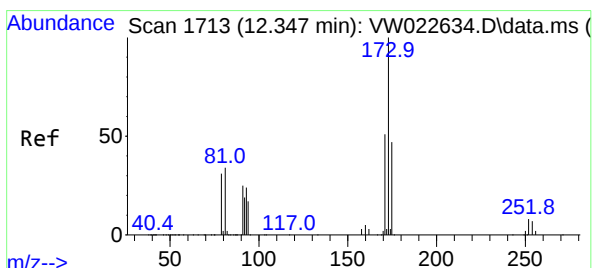
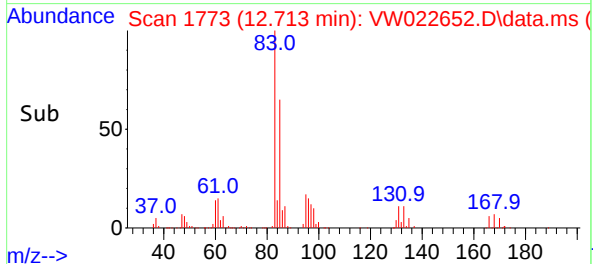
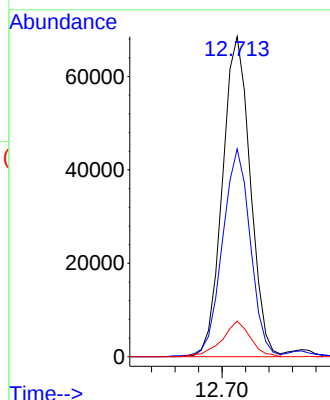
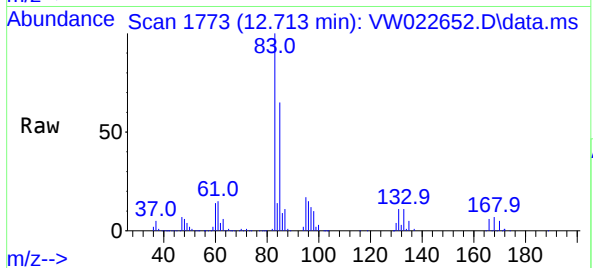




#57
1,1,2,2-Tetrachloroethane
Concen: 21.836 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

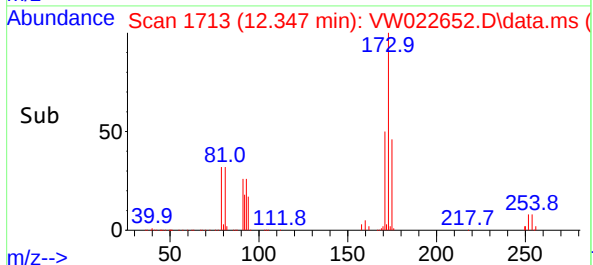
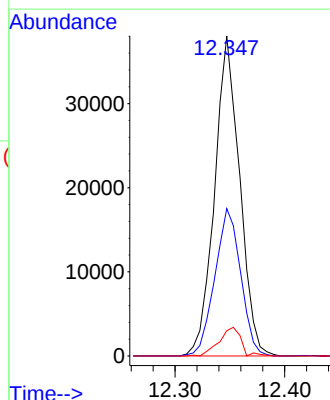
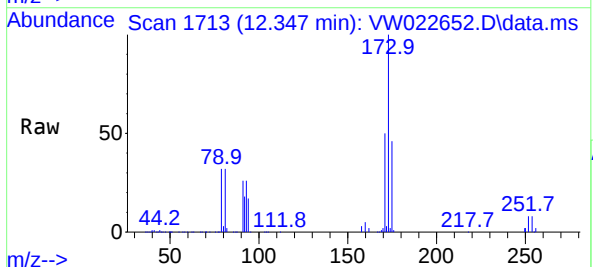
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

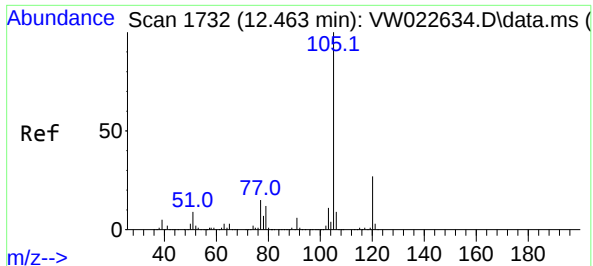
Tgt Ion: 83 Resp: 112677
Ion Ratio Lower Upper
83 100
85 64.9 45.5 84.5
131 11.1 7.8 11.8



#59
Bromoform
Concen: 25.475 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 173 Resp: 60532
Ion Ratio Lower Upper
173 100
175 47.3 39.2 58.8
254 7.4 6.6 9.8

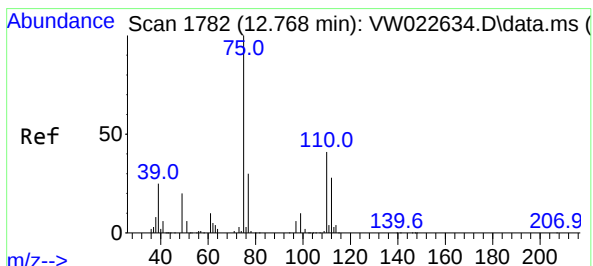
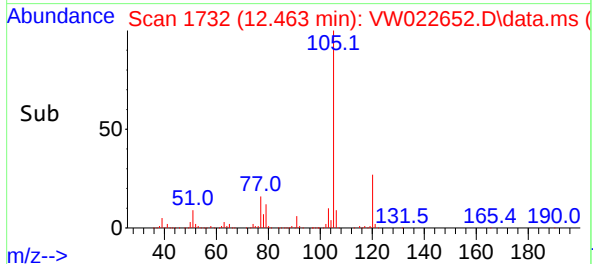
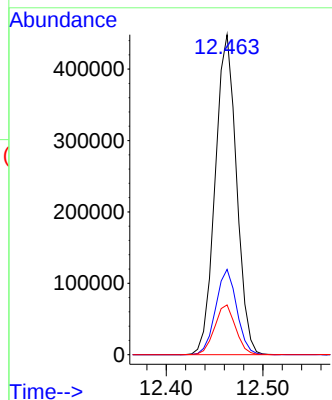
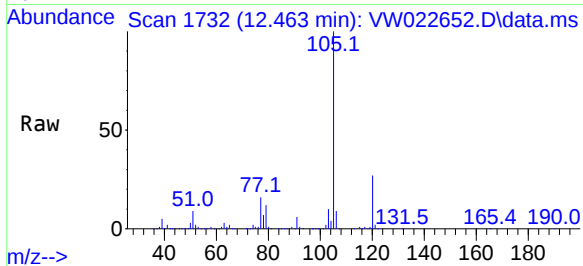




#60
Isopropylbenzene
Concen: 25.814 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

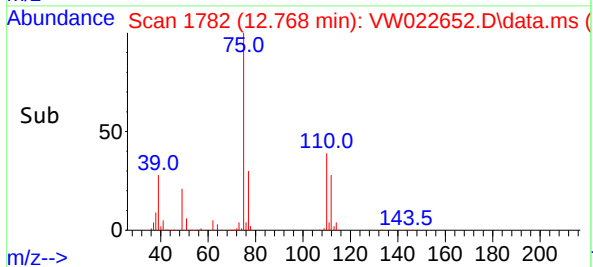
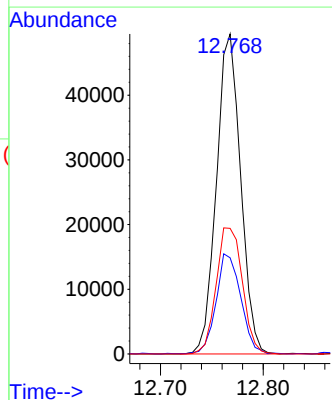
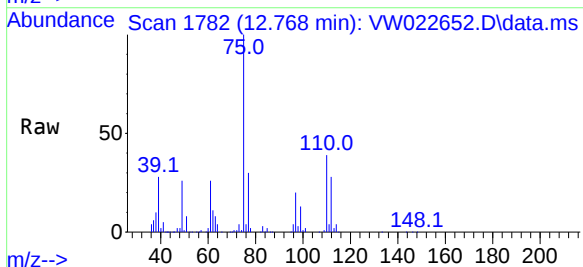
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

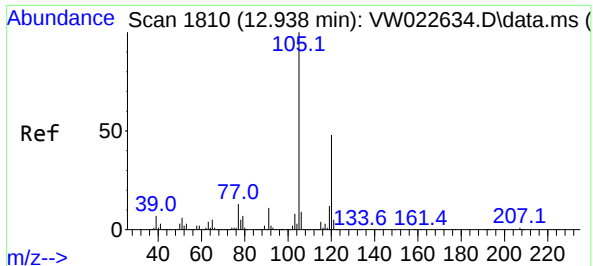
Tgt Ion:105 Resp: 685689
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 15.4 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.734 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 75 Resp: 80733
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 42.7 31.8 47.6

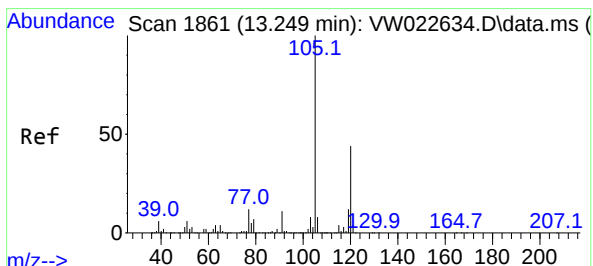
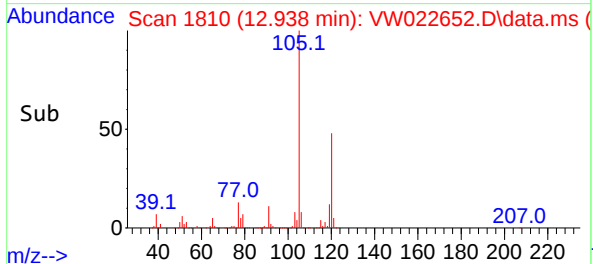
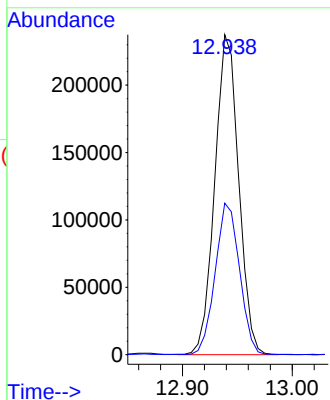
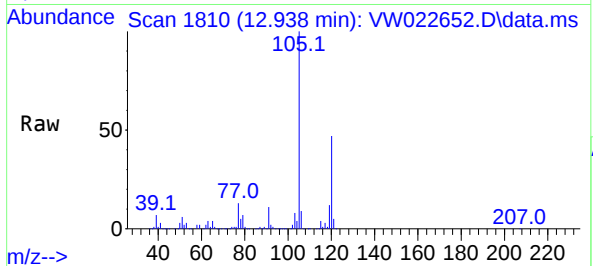




#62
1,3,5-Trimethylbenzene
Concen: 24.629 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

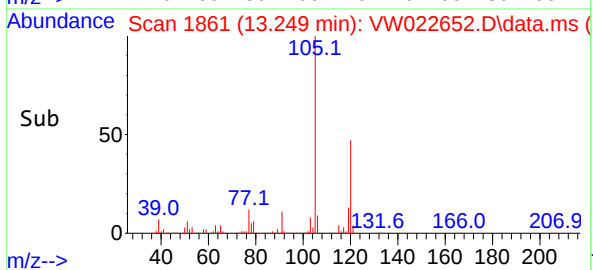
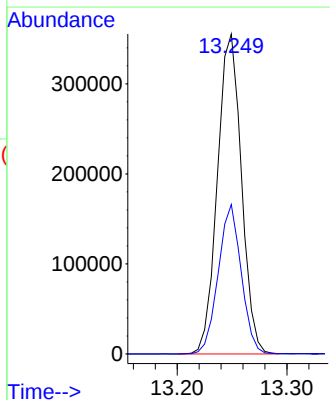
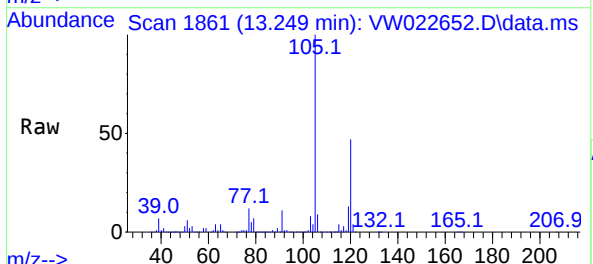
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

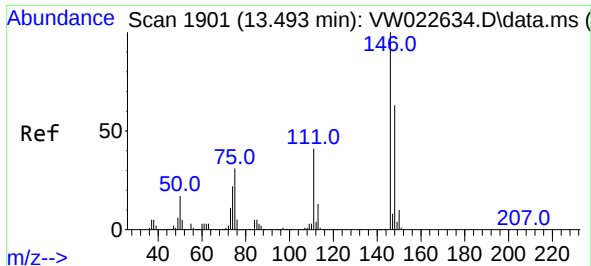
Tgt Ion:105 Resp: 359795
Ion Ratio Lower Upper
105 100
120 48.2 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 24.373 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion:105 Resp: 541425
Ion Ratio Lower Upper
105 100
120 44.7 34.2 51.2

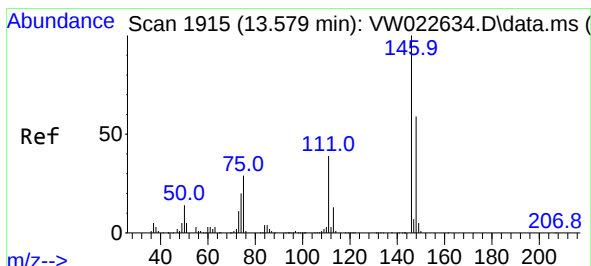
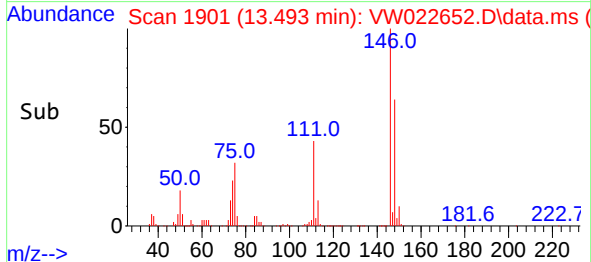
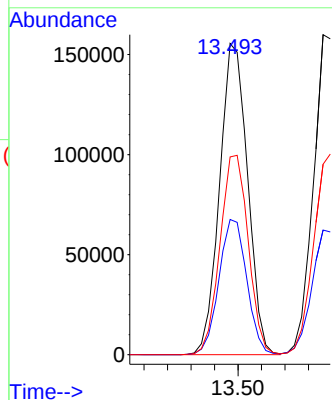
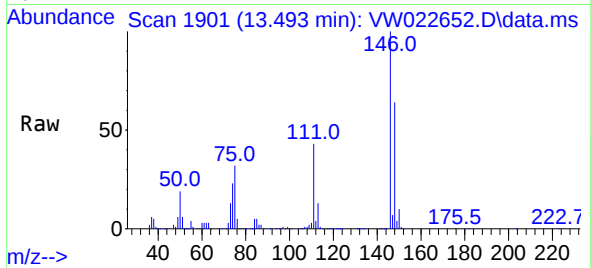




#64
1,3-Dichlorobenzene
Concen: 23.904 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

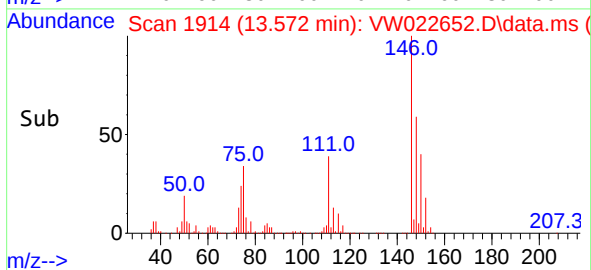
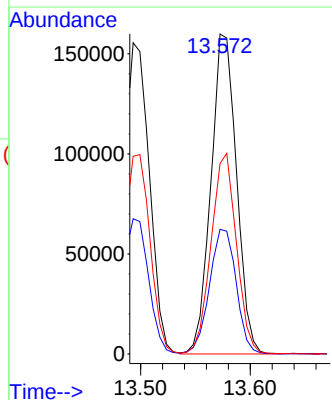
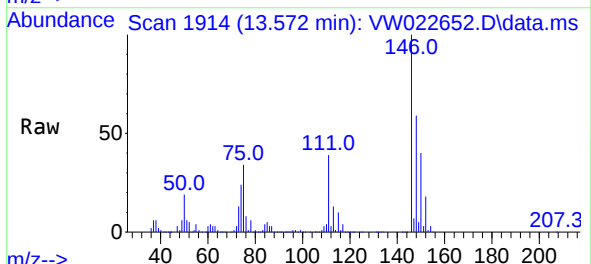
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

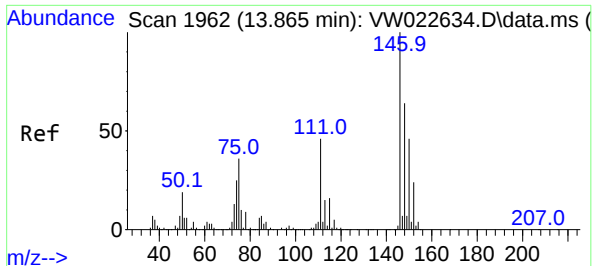
Tgt Ion:146 Resp: 257697
Ion Ratio Lower Upper
146 100
111 43.4 28.2 52.4
148 63.5 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 24.185 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion:146 Resp: 260023
Ion Ratio Lower Upper
146 100
111 39.0 28.5 52.9
148 59.5 44.4 82.4

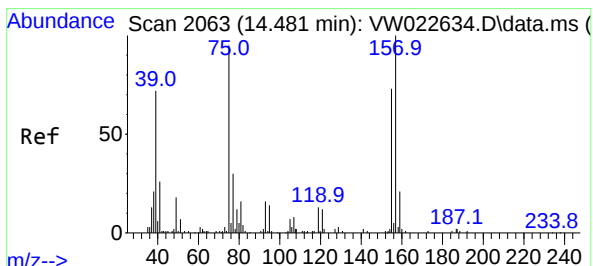
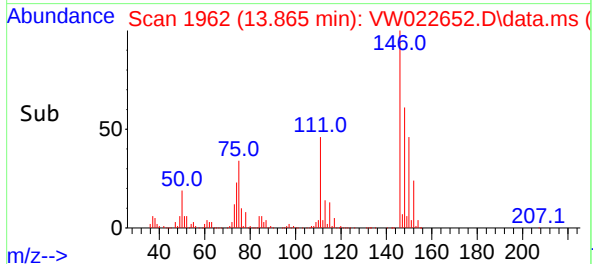
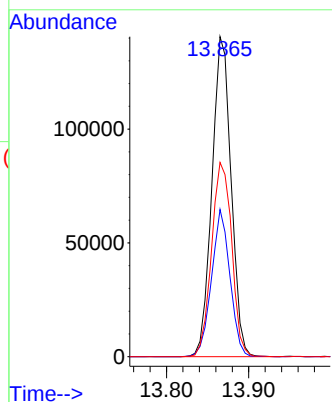
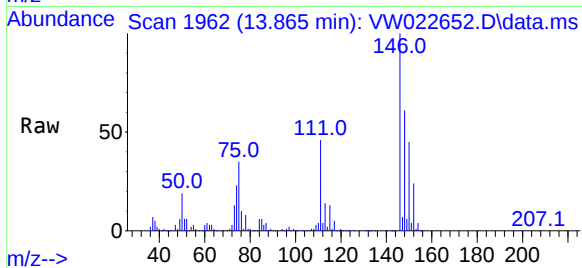




#67
1,2-Dichlorobenzene
Concen: 23.605 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

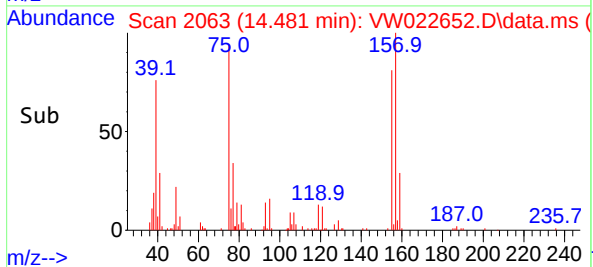
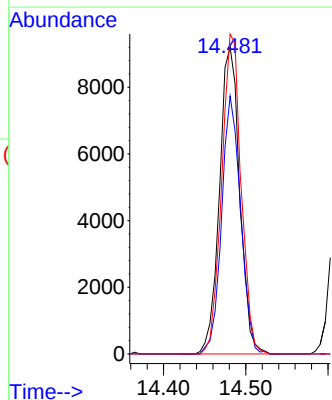
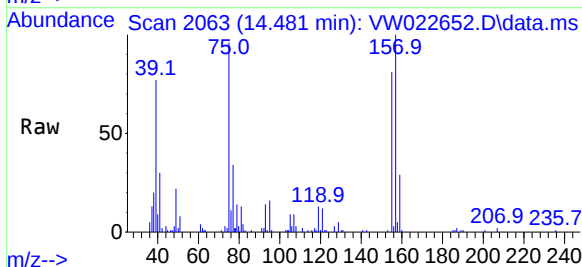
Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

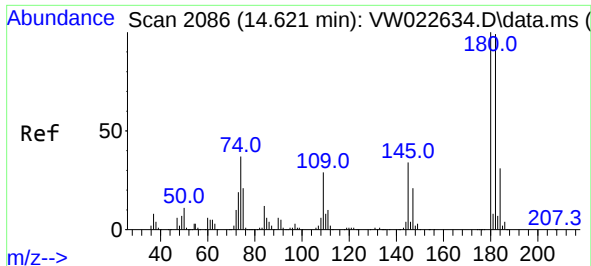
Tgt Ion:146 Resp: 227583
Ion Ratio Lower Upper
146 100
111 46.0 39.0 58.4
148 60.7 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 19.894 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion: 75 Resp: 15694
Ion Ratio Lower Upper
75 100
155 84.1 55.6 83.4#
157 104.3 69.8 104.6



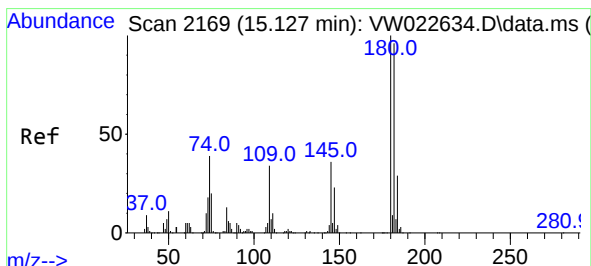
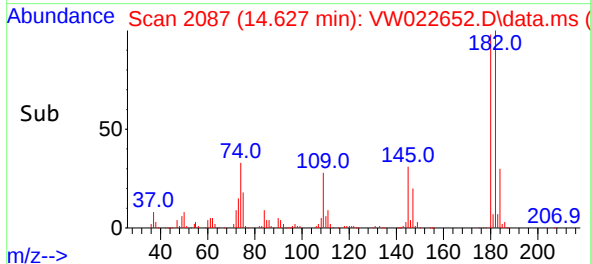
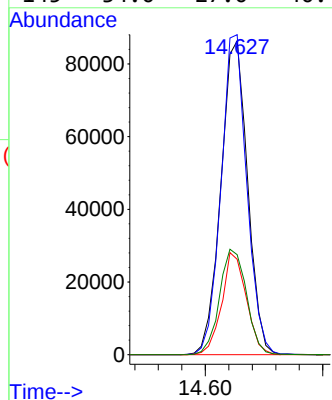
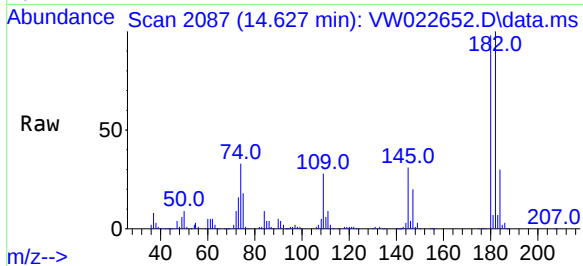


#69
 1,3,5-Trichlorobenzene
 Concen: 19.342 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW022652.D
 Acq: 27 Apr 2022 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 EW478MSD

Tgt Ion:180 Resp: 136047

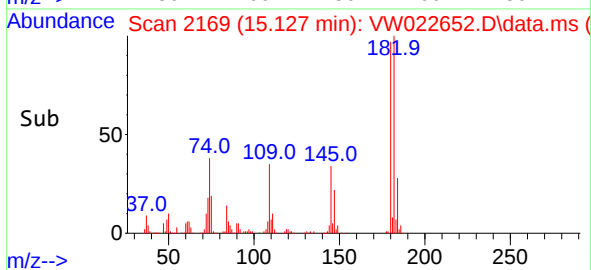
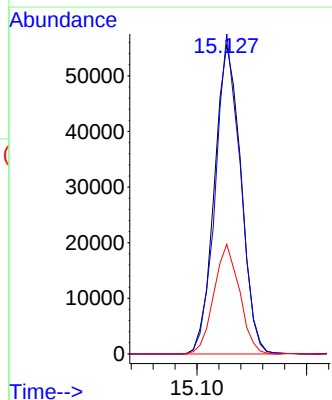
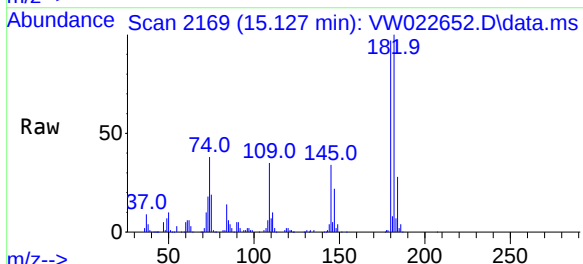
Ion	Ratio	Lower	Upper
180	100		
182	98.5	79.1	118.7
184	30.0	24.5	36.7
145	34.0	27.0	40.4

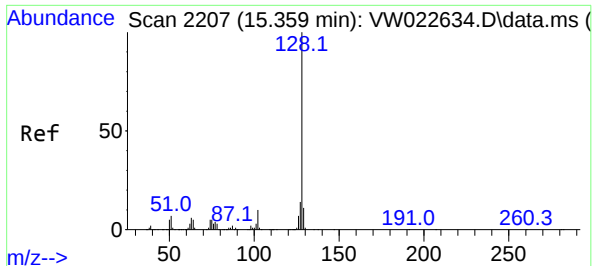


#70
 1,2,4-trichlorobenzene
 Concen: 15.859 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022652.D
 Acq: 27 Apr 2022 19:08

Tgt Ion:180 Resp: 93684

Ion	Ratio	Lower	Upper
180	100		
182	96.7	72.8	109.2
145	34.1	25.5	38.3

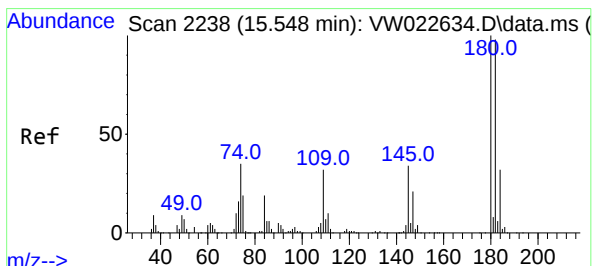
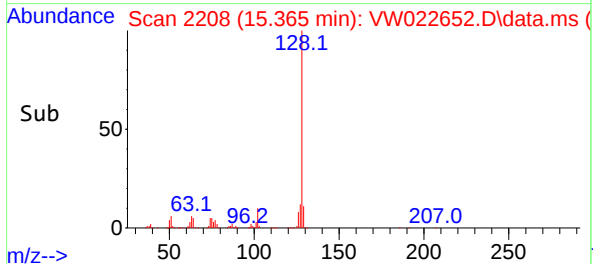
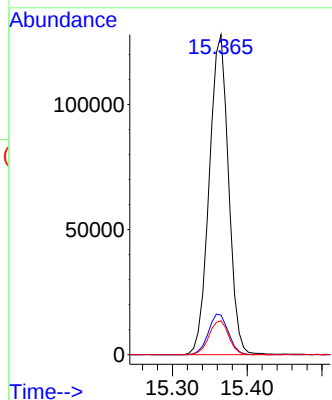
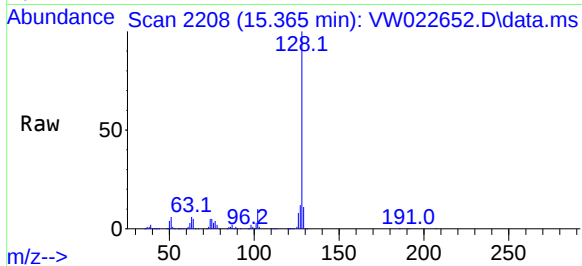




#71
Naphthalene
Concen: 18.384 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :
EW478MSD

Tgt Ion:	128	Resp:	229049
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 15.417 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022652.D
Acq: 27 Apr 2022 19:08

Tgt Ion:	180	Resp:	77844
Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.4	110.0
145	35.4	27.0	40.6

