

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022651.D
 Acq On : 27 Apr 2022 18:44
 Operator : SY/VA
 Sample : N2562-19MS
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW478MS

Quant Time: Apr 28 01:14:28 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	313355	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	304243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154110	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	80000	11.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.200%
7) Chloroethane-d5	2.885	69	67726	15.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.400%
11) 1,1-Dichloroethene-d2	4.025	63	135437	15.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.280%
21) 2-Butanone-d5	7.080	46	66624	55.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.180%
24) Chloroform-d	7.647	84	204475	20.877	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.520%
26) 1,2-Dichloroethane-d4	8.305	65	113327	20.251	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	8.275	84	328882	17.693	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.760%
36) 1,2-Dichloropropane-d6	9.274	67	111354	20.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.800%
41) Toluene-d8	10.323	98	300817	16.524	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.080%
43) trans-1,3-Dichloroprop...	10.579	79	45744	18.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.080%
47) 2-Hexanone-d5	10.921	63	57005	56.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	124593	27.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	13.847	152	116128	21.274	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	28446	18.519	ug/L	95
3) Chloromethane	2.221	50	68398	17.859	ug/L	99
5) Vinyl chloride	2.361	62	144757	18.114	ug/L	93
6) Bromomethane	2.782	94	86611	17.829	ug/L	98
8) Chloroethane	2.922	64	70787	20.233	ug/L	97
9) Trichlorofluoromethane	3.257	101	72788	24.671	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	105306	22.415	ug/L	95
12) 1,1-Dichloroethene	4.044	96	93321	22.118	ug/L	85
13) Acetone	4.123	43	57966	70.394	ug/L	91
14) Carbon disulfide	4.385	76	216812	15.621	ug/L	98
15) Methyl Acetate	4.678	43	43781	21.187	ug/L	92
16) Methylene chloride	4.916	84	131631	27.917	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	102469	20.732	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	181170	22.444	ug/L	96
19) 1,1-Dichloroethane	6.214	63	191752	21.262	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	119155	22.826	ug/L #	88
22) 2-Butanone	7.171	43	72242	58.087	ug/L	97
23) Bromochloromethane	7.513	128	54948	24.459	ug/L	90
25) Chloroform	7.677	83	217555	22.904	ug/L	97

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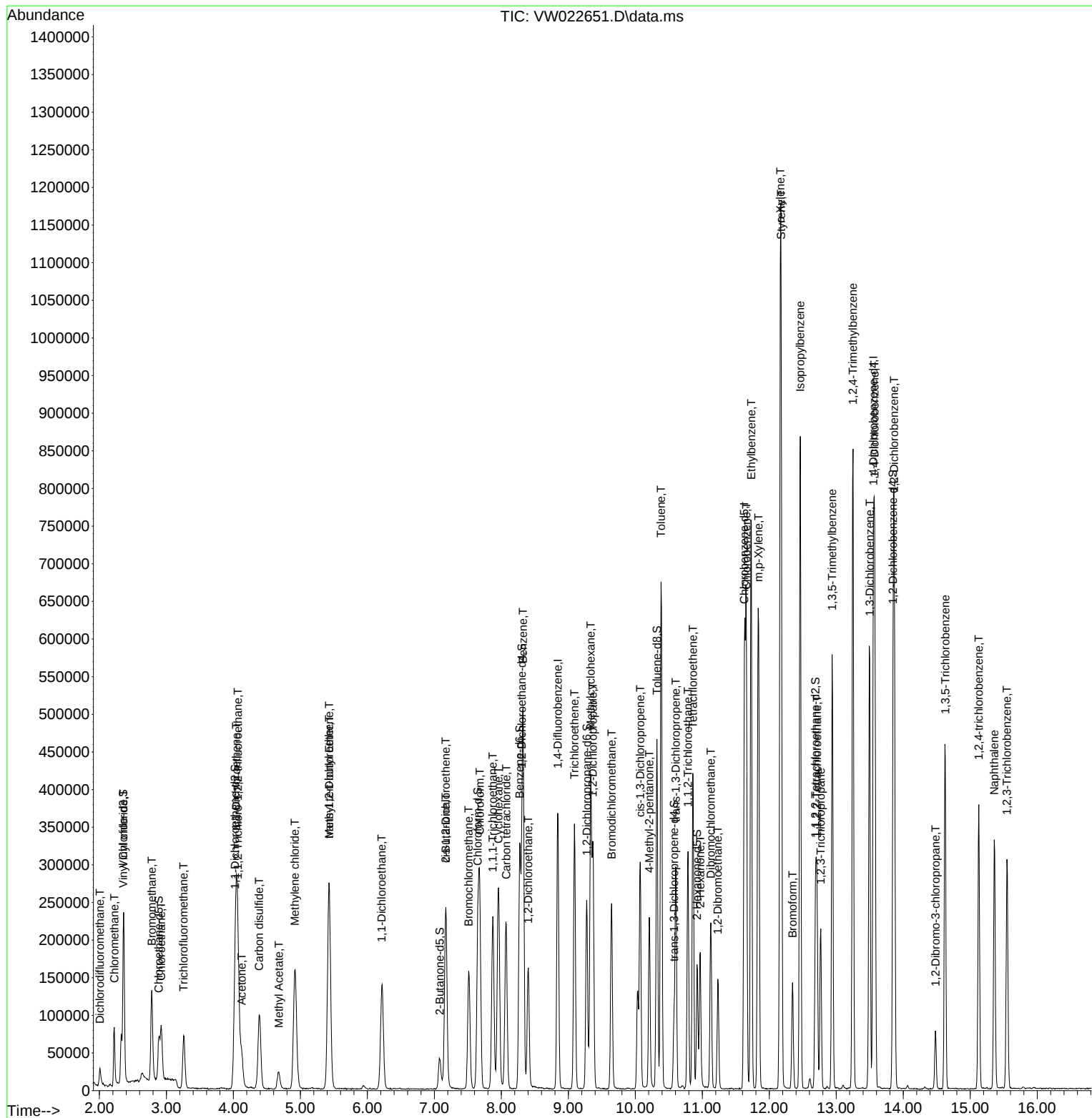
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	145247	21.757	ug/L #	95
29) Cyclohexane	7.958	56	148599	17.065	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	178498	21.150	ug/L	97
31) Carbon tetrachloride	8.073	117	160925	21.245	ug/L	98
33) Benzene	8.323	78	435171	21.067	ug/L	100
34) Trichloroethene	9.092	95	117489	21.243	ug/L	97
35) Methylcyclohexane	9.335	83	167085	16.838	ug/L	97
37) 1,2-Dichloropropane	9.366	63	109571	22.142	ug/L	100
38) Bromodichloromethane	9.646	83	158474	22.269	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	171260	21.810	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	140746	46.605	ug/L	95
42) Toluene	10.384	91	495335	20.927	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	152779	21.729	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	95117	25.185	ug/L	96
46) Tetrachloroethene	10.860	164	81942	20.155	ug/L	98
48) 2-Hexanone	10.969	43	113815	53.421	ug/L	95
49) Dibromochloromethane	11.128	129	112637	25.007	ug/L	91
50) 1,2-Dibromoethane	11.231	107	91412	24.512	ug/L	93
51) Chlorobenzene	11.658	112	317991	21.985	ug/L	95
52) Ethylbenzene	11.731	91	545822	20.573	ug/L	94
53) m,p-Xylene	11.841	106	216524	21.464	ug/L	88
54) o-Xylene	12.164	106	213602	22.158	ug/L	88
55) Styrene	12.176	104	363439	22.067	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	114856	24.778	ug/L	97
59) Bromoform	12.347	173	58427	25.514	ug/L	99
60) Isopropylbenzene	12.463	105	557135	21.763	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84608	25.809	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	299146	21.248	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	460637	21.516	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	228418	21.985	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	237029	22.875	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	213632	22.992	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17940	23.596	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	130227	19.211	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	107041	18.802	ug/L	97
71) Naphthalene	15.359	128	279344	23.263	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	90821	18.663	ug/L	93

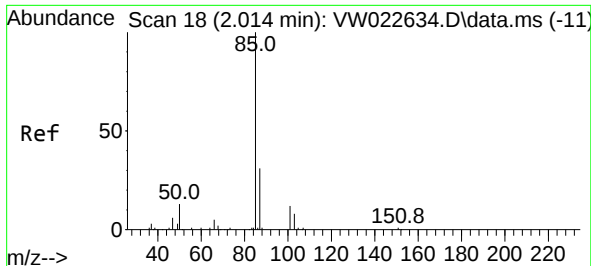
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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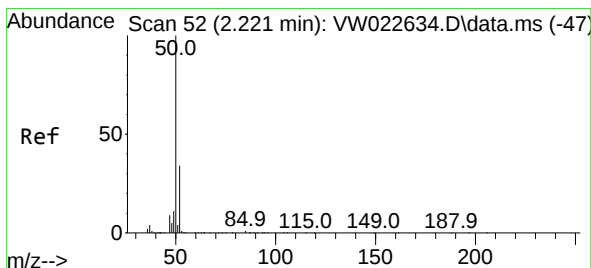
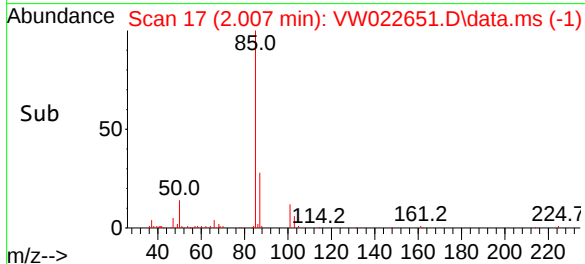
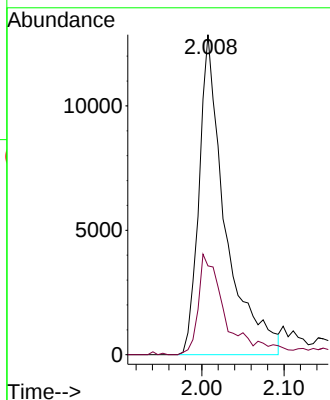
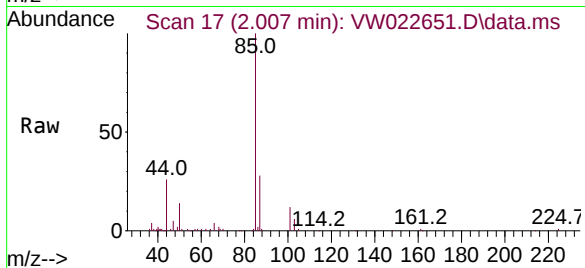




#2
Dichlorodifluoromethane
Concen: 18.519 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

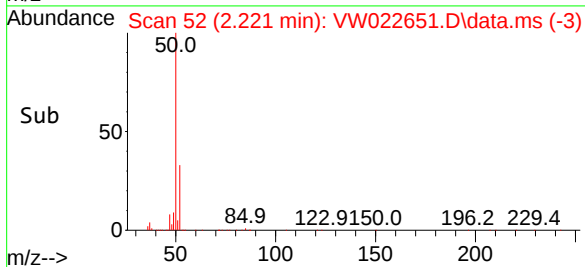
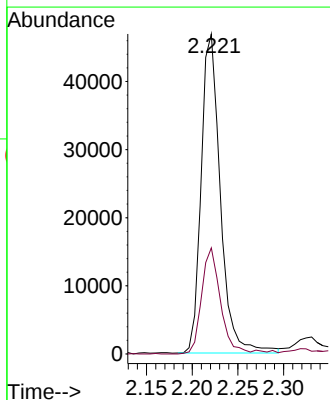
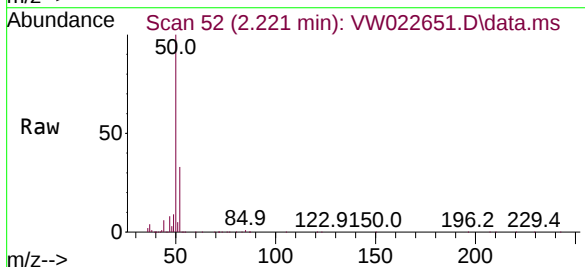
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MSVOA_W
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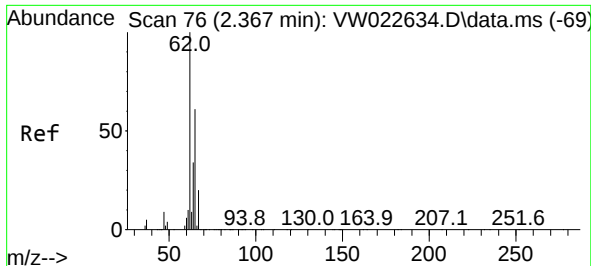
Tgt Ion: 85 Resp: 28446
Ion Ratio Lower Upper
85 100
87 27.0 23.7 35.5



#3
Chloromethane
Concen: 17.859 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 50 Resp: 68398
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.6

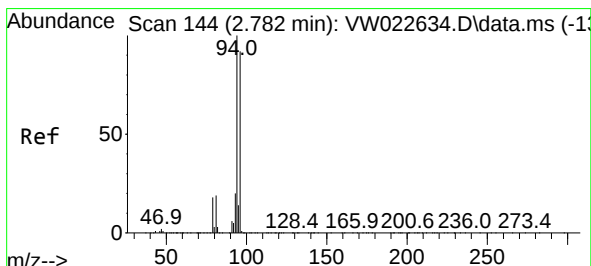
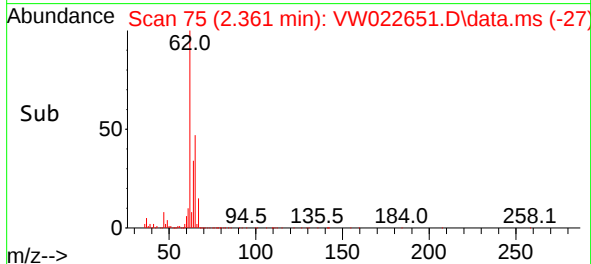
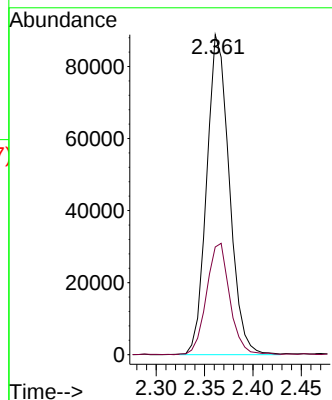
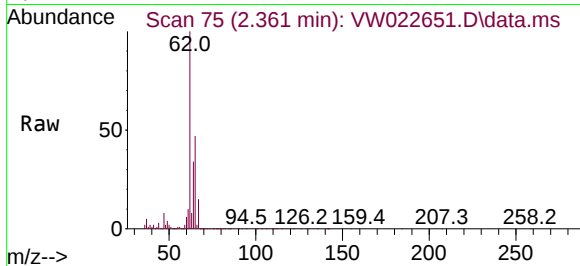




#5
 Vinyl chloride
 Concen: 18.114 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022651.D
 Acq: 27 Apr 2022 18:44

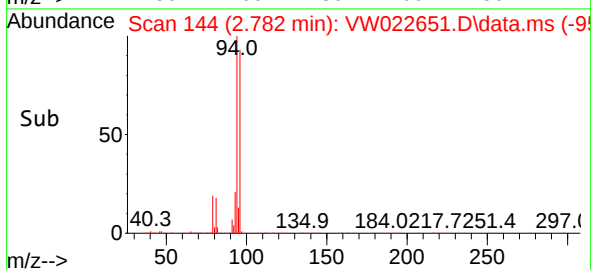
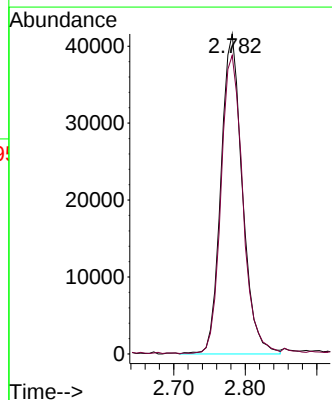
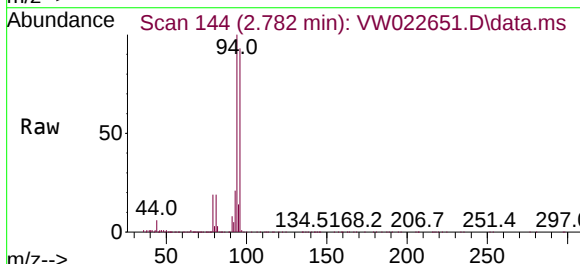
Instrument :
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 ClientSampleId :
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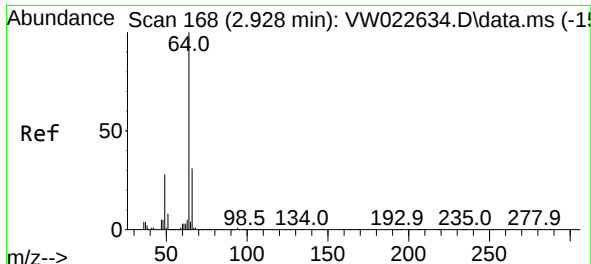
Tgt Ion: 62 Resp: 144757
 Ion Ratio Lower Upper
 62 100
 64 33.7 26.5 49.3



#6
 Bromomethane
 Concen: 17.829 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022651.D
 Acq: 27 Apr 2022 18:44

Tgt Ion: 94 Resp: 86611
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.6 123.6

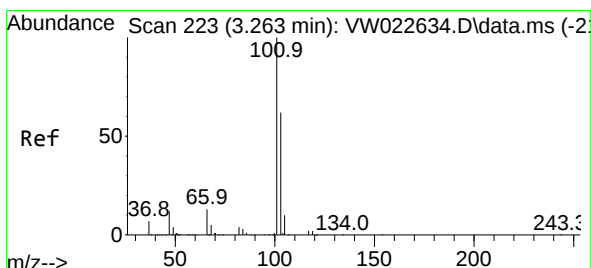
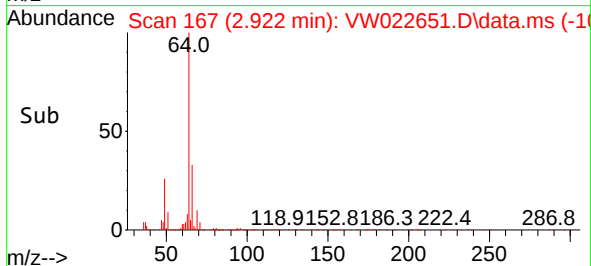
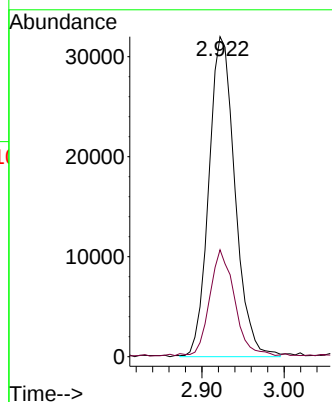
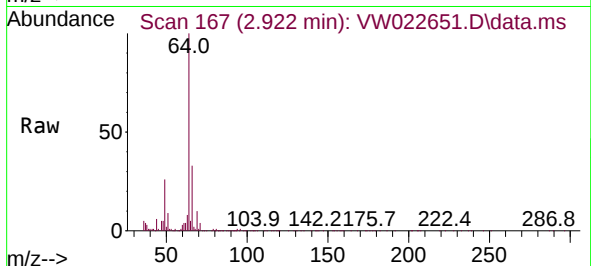




#8
Chloroethane
Concen: 20.233 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

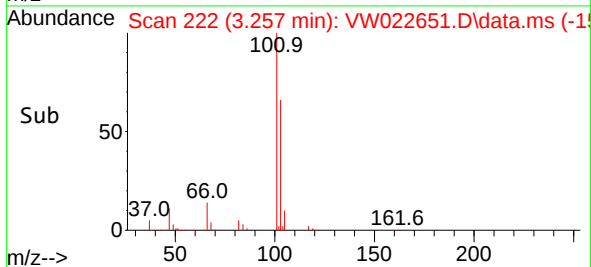
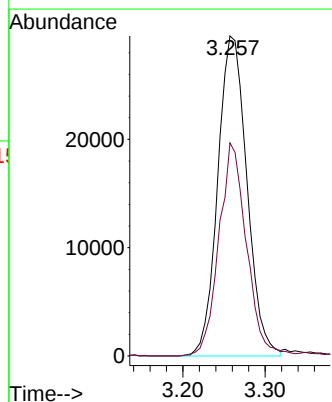
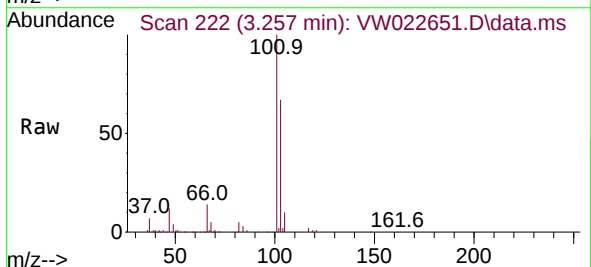
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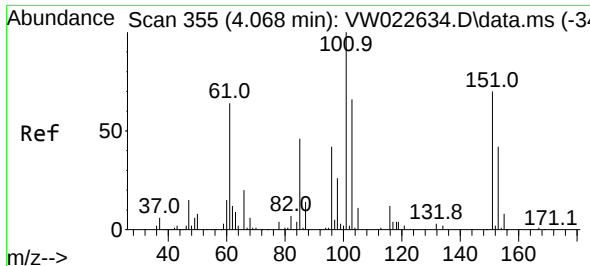
Tgt Ion: 64 Resp: 70787
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.671 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 101 Resp: 72788
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

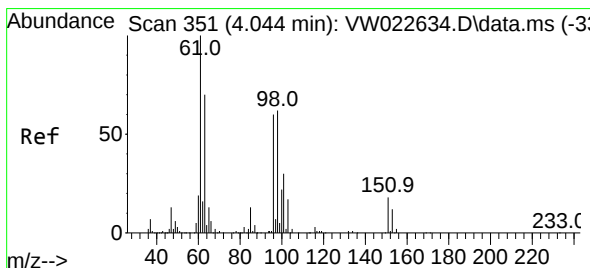
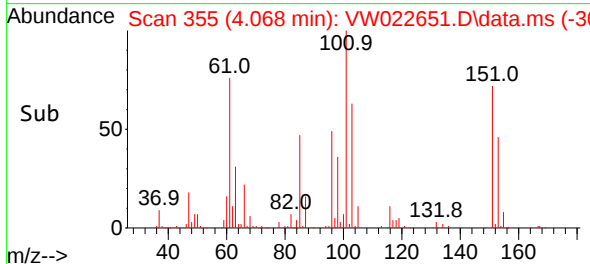
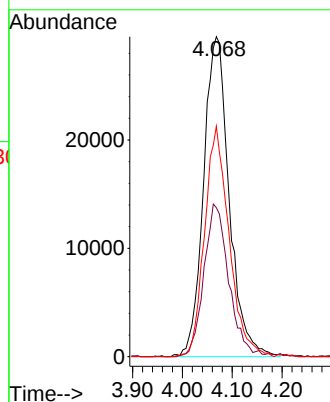
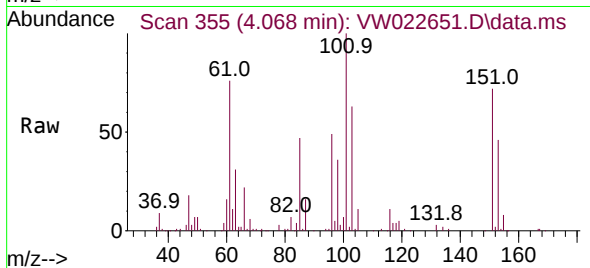




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.415 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW022651.D
 Acq: 27 Apr 2022 18:44

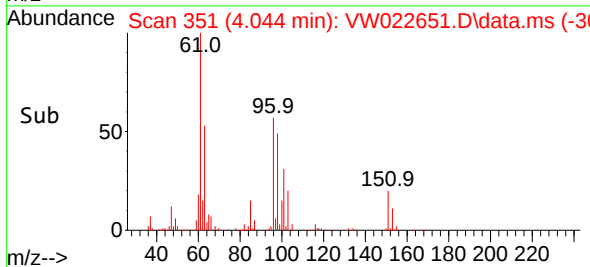
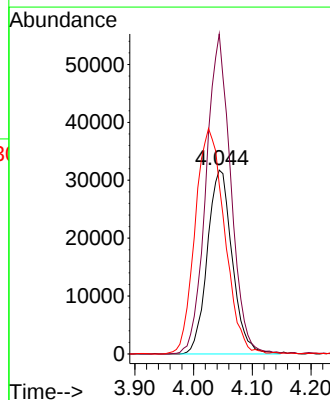
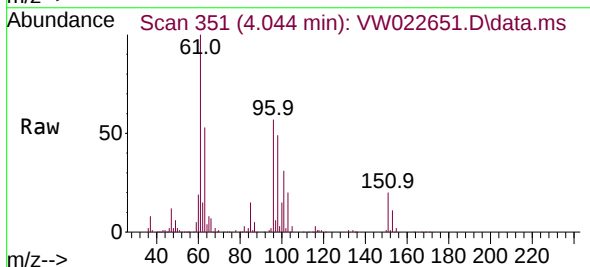
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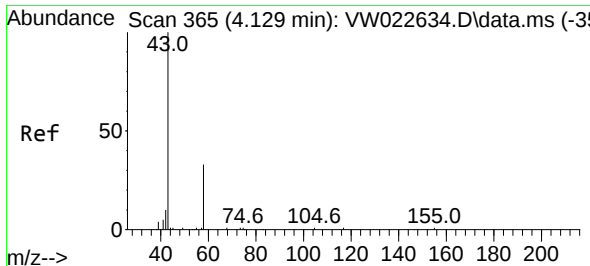
Tgt Ion:101 Resp: 105306
 Ion Ratio Lower Upper
 101 100
 85 45.7 39.2 58.8
 151 68.9 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 22.118 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022651.D
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Tgt Ion: 96 Resp: 93321
 Ion Ratio Lower Upper
 96 100
 61 174.1 128.0 237.6
 63 92.2 86.6 160.8

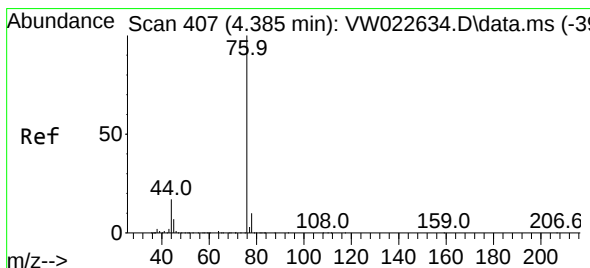
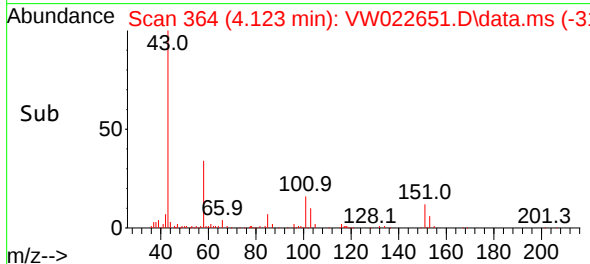
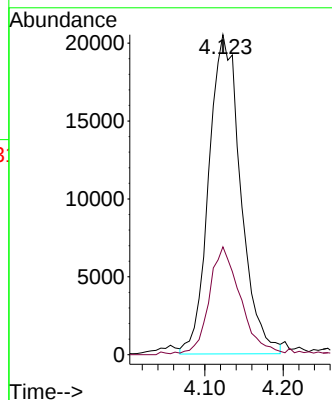
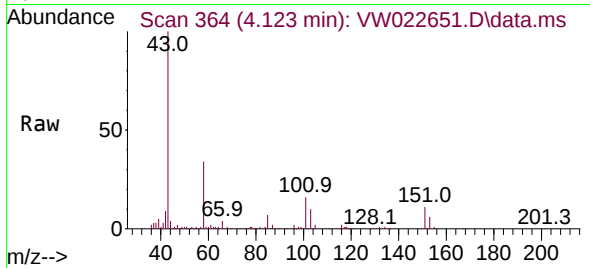




#13
Acetone
Concen: 70.394 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
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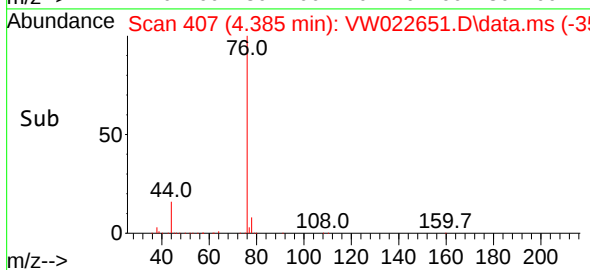
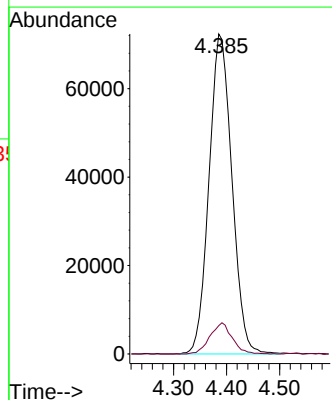
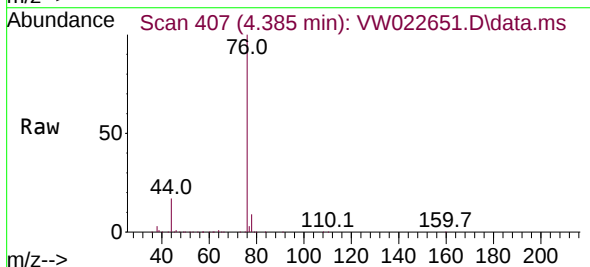
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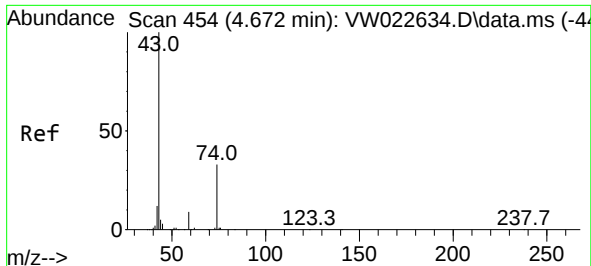
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Ion Ratio Lower Upper
43 100
58 33.3 0.0 57.0



#14
Carbon disulfide
Concen: 15.621 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 76 Resp: 216812
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

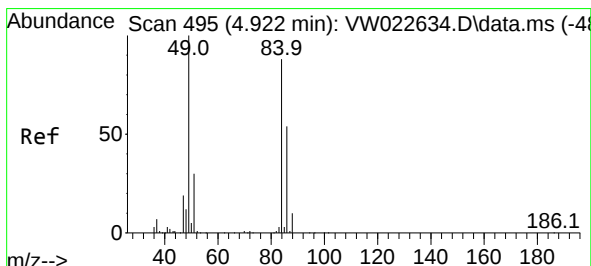
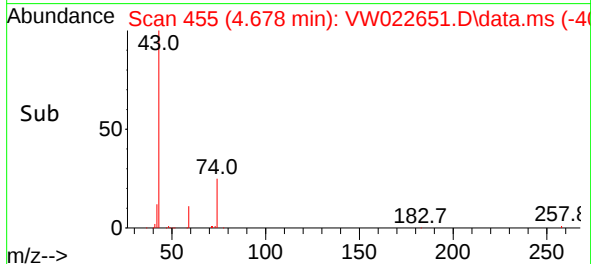
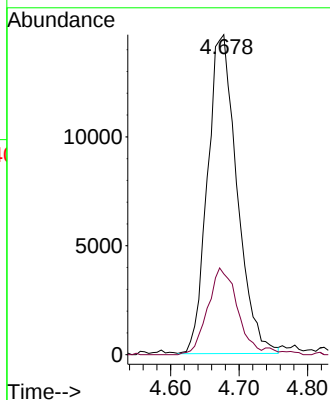
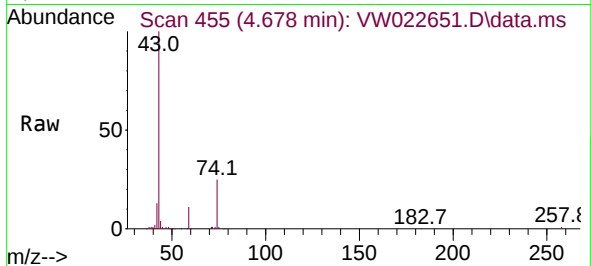




#15
Methyl Acetate
Concen: 21.187 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

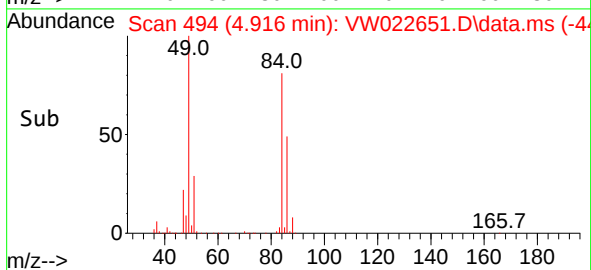
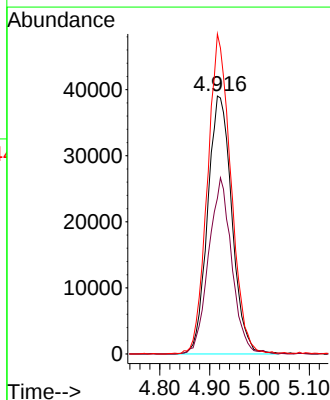
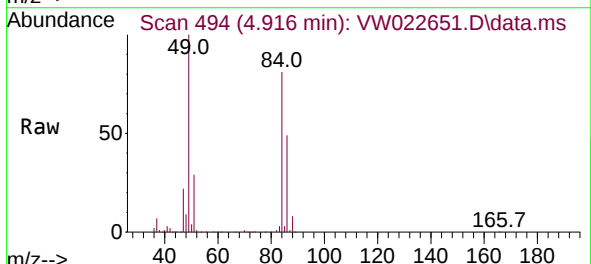
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

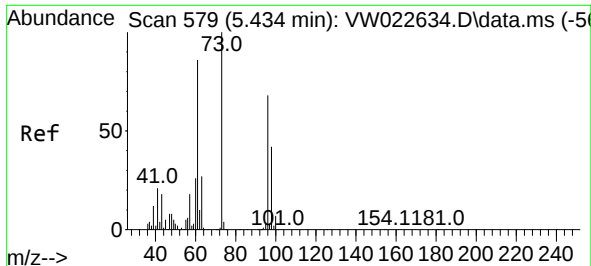
Tgt Ion: 43 Resp: 43781
Ion Ratio Lower Upper
43 100
74 27.1 18.5 27.7



#16
Methylene chloride
Concen: 27.917 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 84 Resp: 131631
Ion Ratio Lower Upper
84 100
86 60.4 42.8 79.4
49 124.0 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 20.732 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

EW478MS

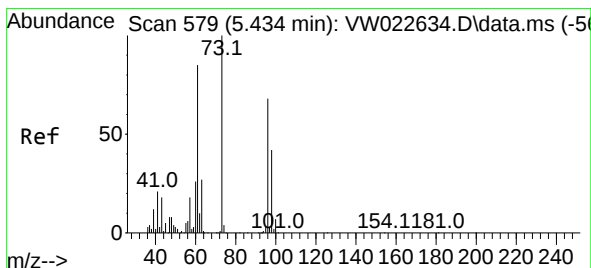
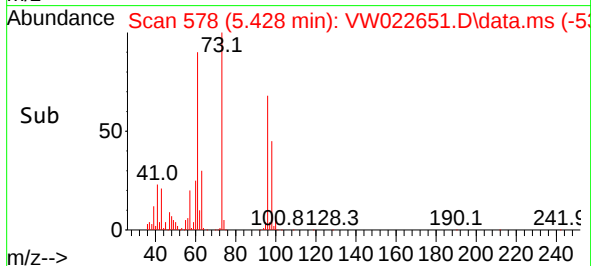
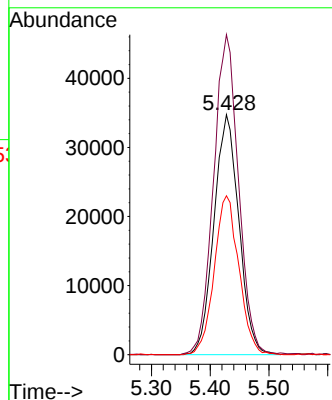
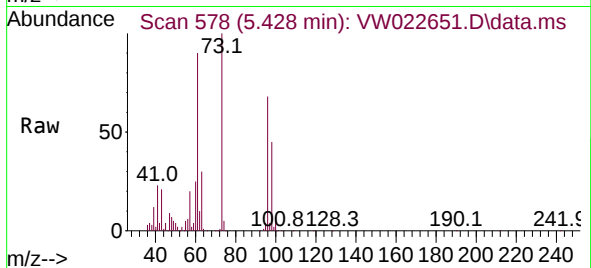
Tgt Ion: 96 Resp: 102469

Ion Ratio Lower Upper

96 100

61 133.3 99.8 185.4

98 66.2 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 22.444 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

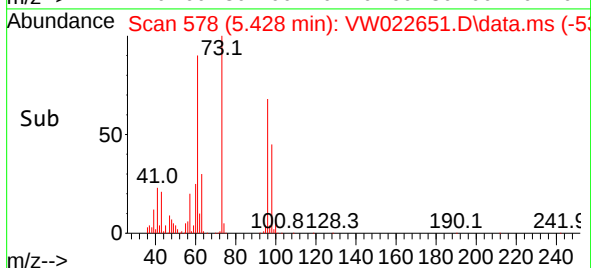
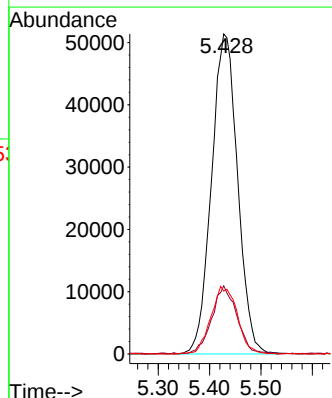
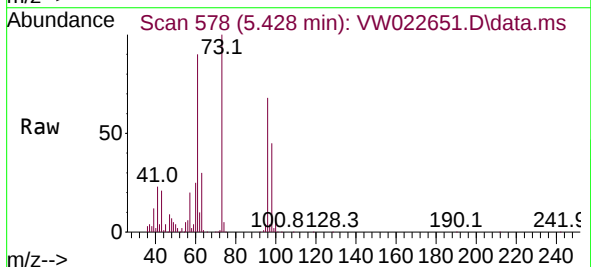
Tgt Ion: 73 Resp: 181170

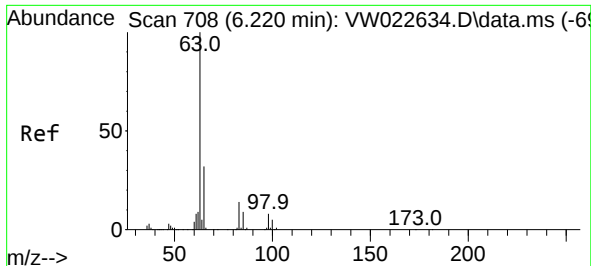
Ion Ratio Lower Upper

73 100

43 20.0 18.8 28.2

57 21.3 17.5 26.3

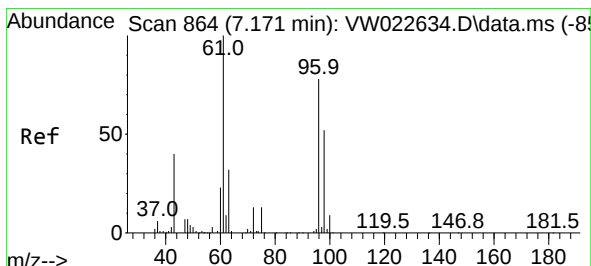
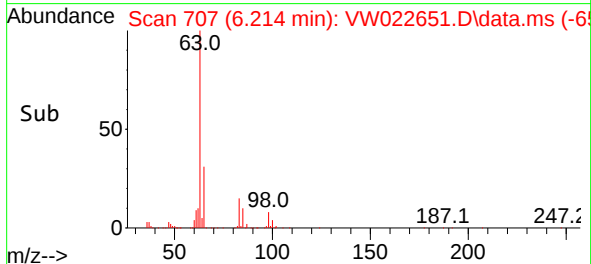
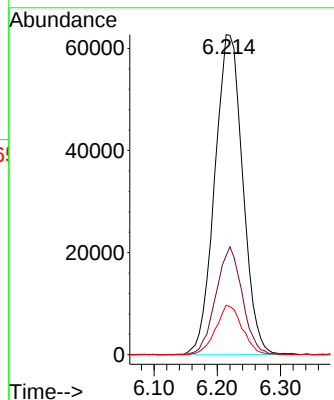
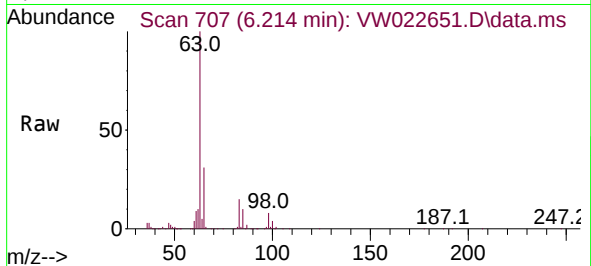




#19
1,1-Dichloroethane
Concen: 21.262 ug/L
RT: 6.214 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

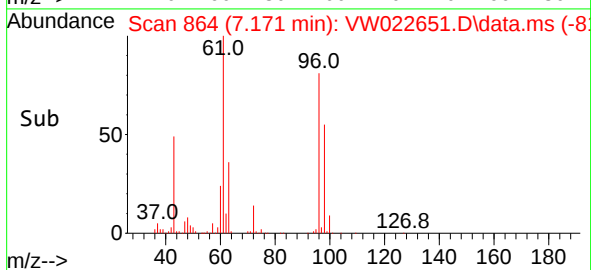
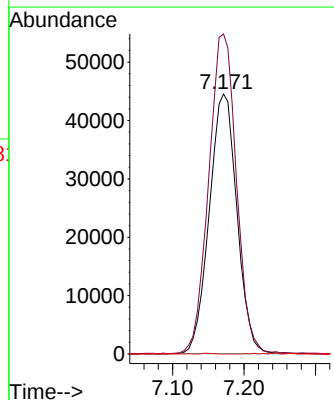
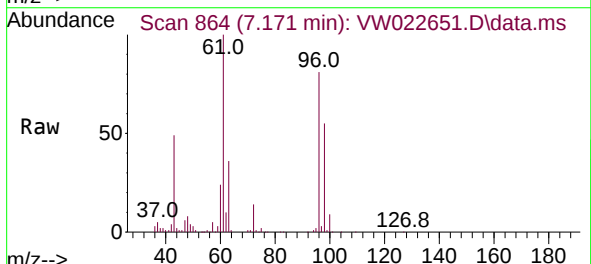
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

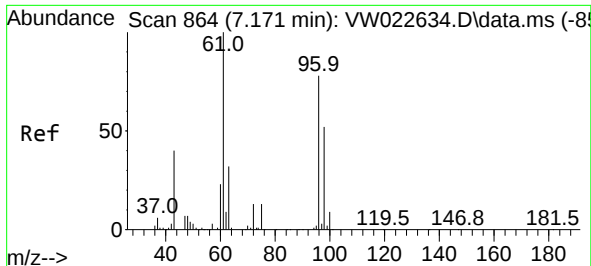
Tgt Ion: 63 Resp: 191752
Ion Ratio Lower Upper
63 100
65 31.0 21.1 39.3
83 15.5 10.1 18.9



#20
cis-1,2-Dichloroethene
Concen: 22.826 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 96 Resp: 119155
Ion Ratio Lower Upper
96 100
61 123.1 96.4 179.0
68 0.0 0.1 0.3

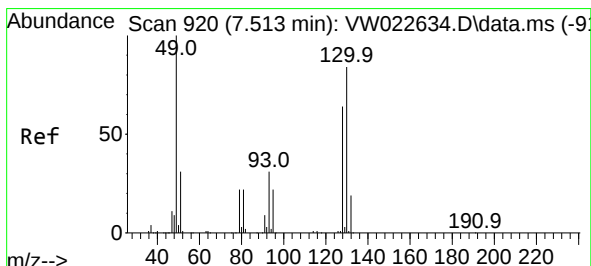
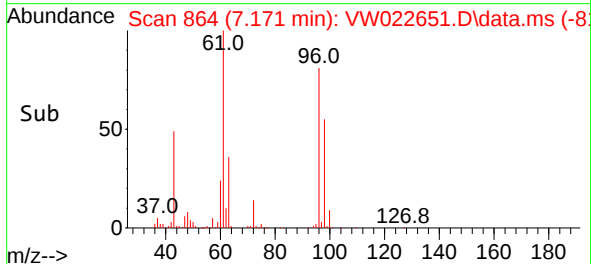
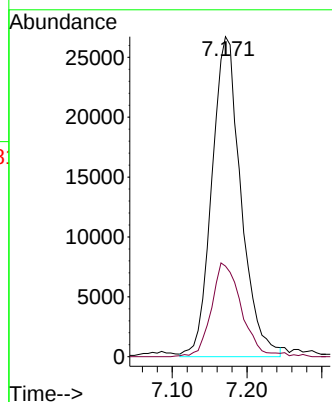
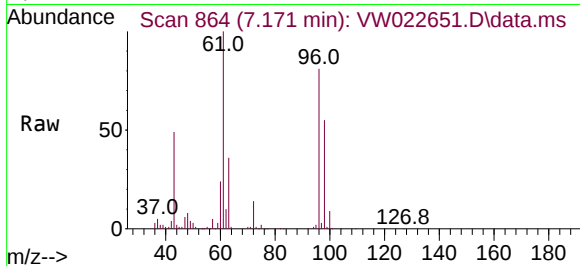




#22
2-Butanone
Concen: 58.087 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

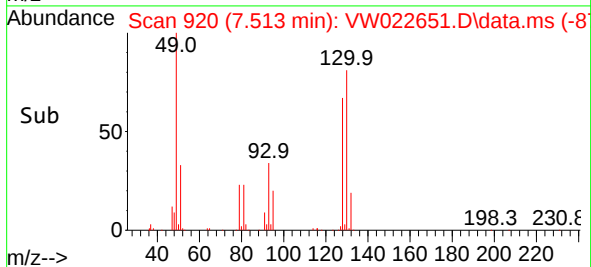
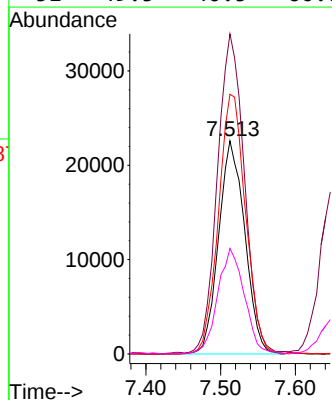
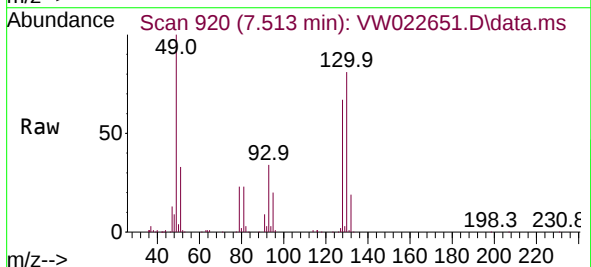
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

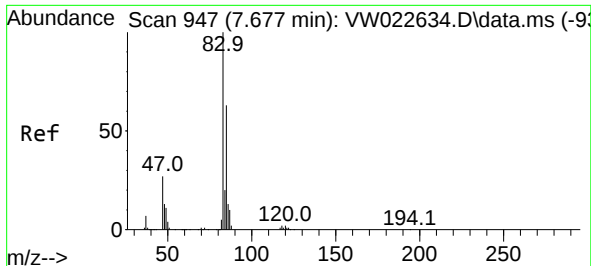
Tgt Ion: 43 Resp: 72242
Ion Ratio Lower Upper
43 100
72 29.8 14.0 42.0



#23
Bromochloromethane
Concen: 24.459 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 128 Resp: 54948
Ion Ratio Lower Upper
128 100
49 150.1 120.8 224.3
130 121.8 81.8 151.8
51 49.5 40.5 60.7

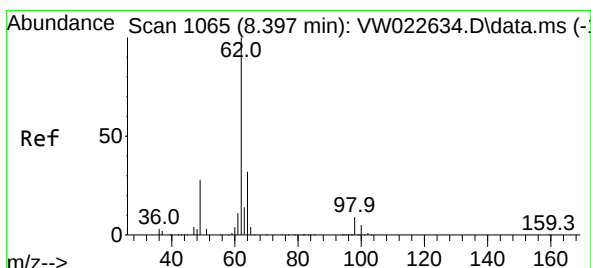
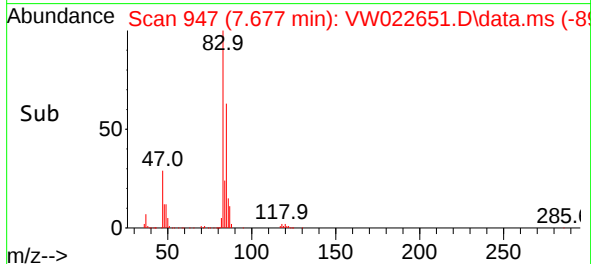
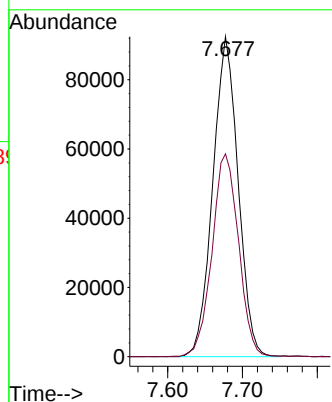
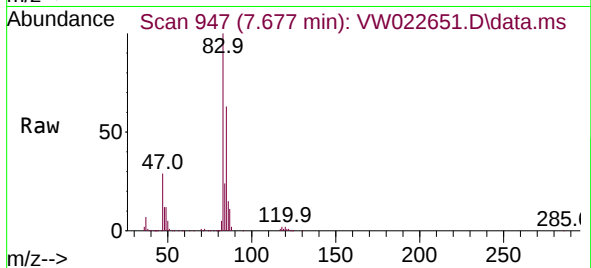




#25
Chloroform
Concen: 22.904 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

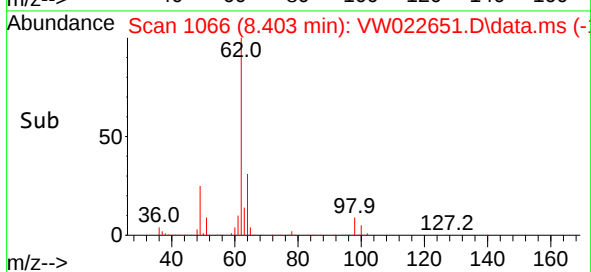
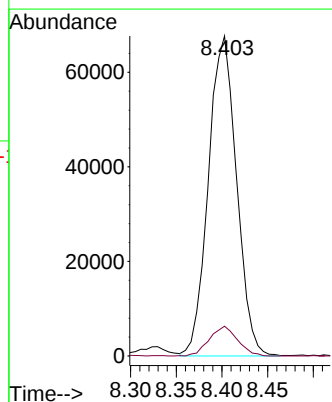
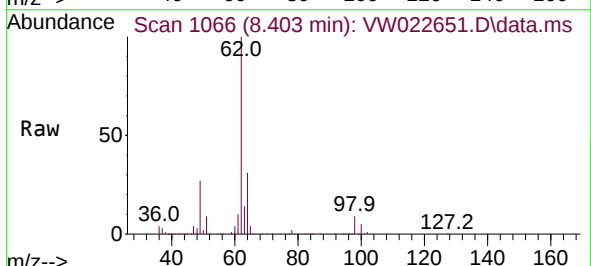
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

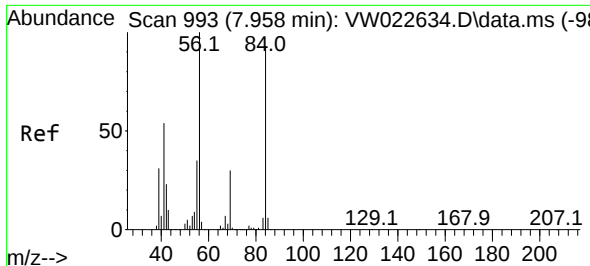
Tgt Ion: 83 Resp: 217555
Ion Ratio Lower Upper
83 100
85 63.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 21.757 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 62 Resp: 145247
Ion Ratio Lower Upper
62 100
98 9.3 6.2 9.2#

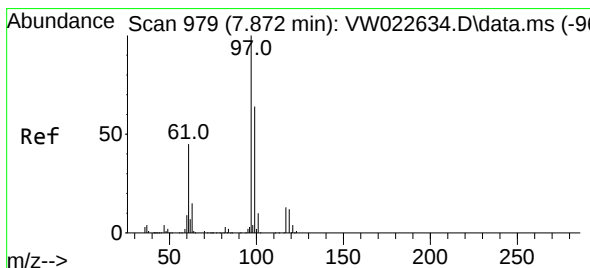
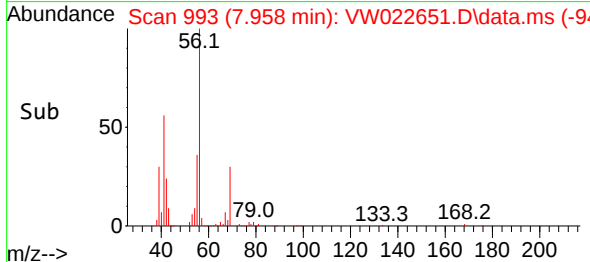
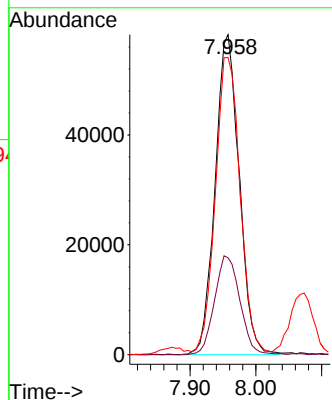
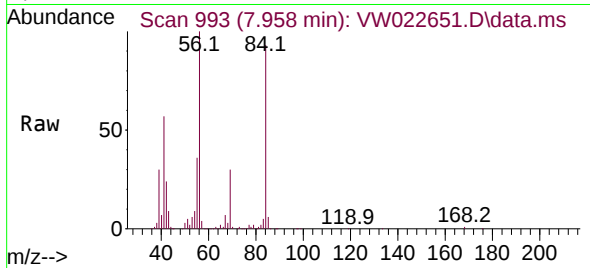




#29
Cyclohexane
Concen: 17.065 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

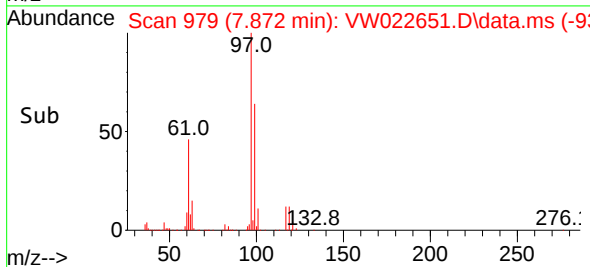
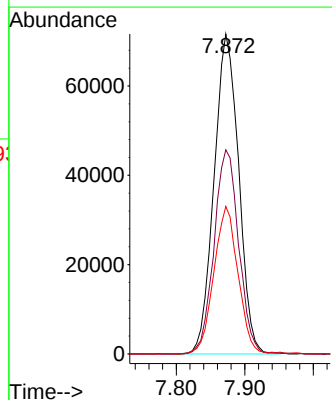
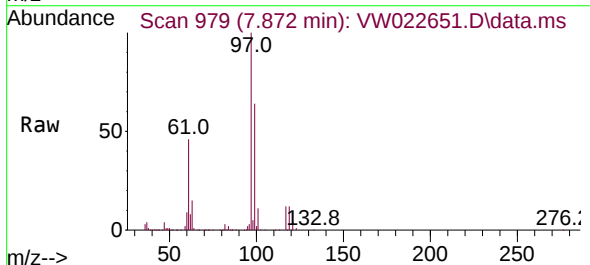
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

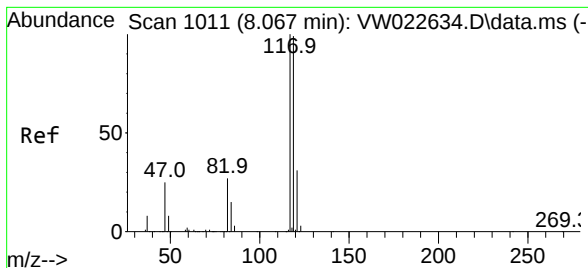
Tgt Ion: 56 Resp: 148599
Ion Ratio Lower Upper
56 100
69 32.3 24.4 36.6
84 95.9 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 21.150 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 97 Resp: 178498
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 45.2 38.7 58.1

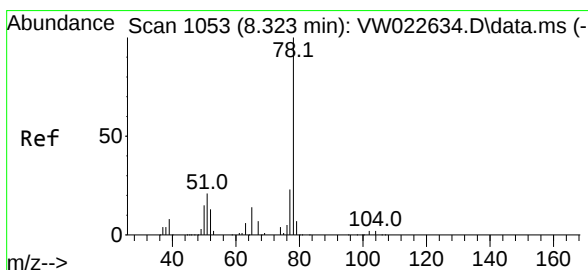
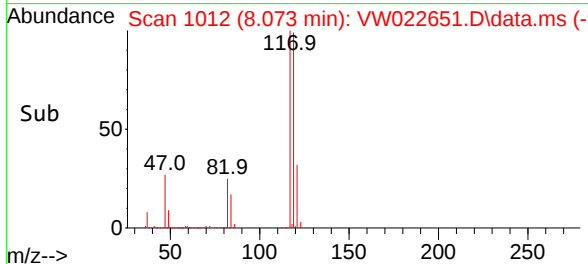
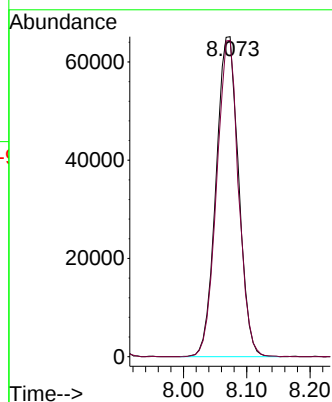
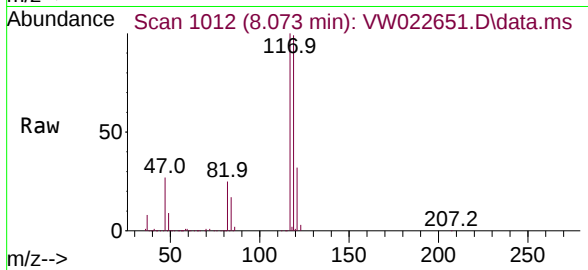




#31
Carbon tetrachloride
Concen: 21.245 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

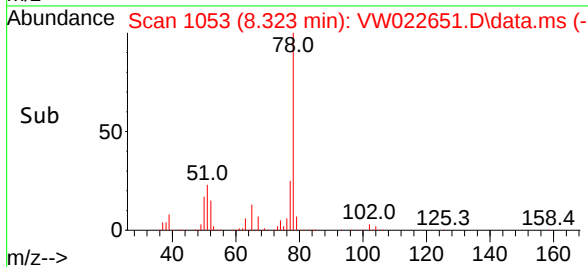
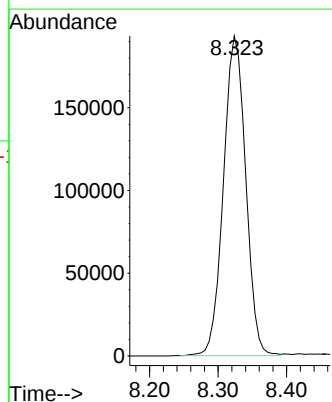
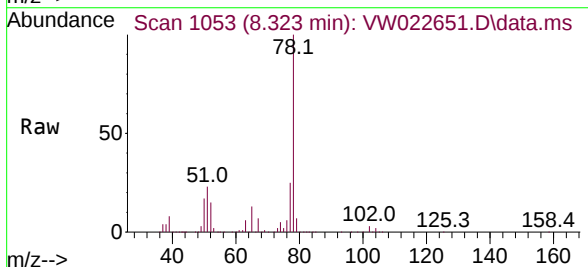
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

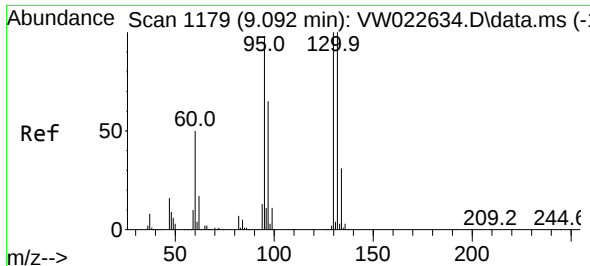
Tgt Ion:117 Resp: 160925
Ion Ratio Lower Upper
117 100
119 95.9 75.5 113.3



#33
Benzene
Concen: 21.067 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 78 Resp: 435171



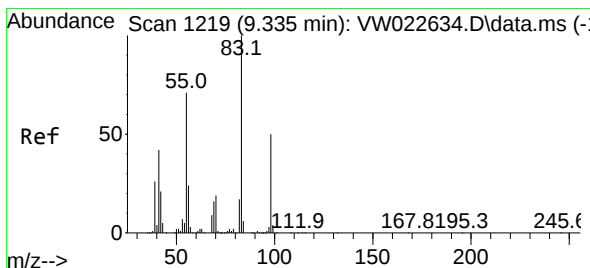
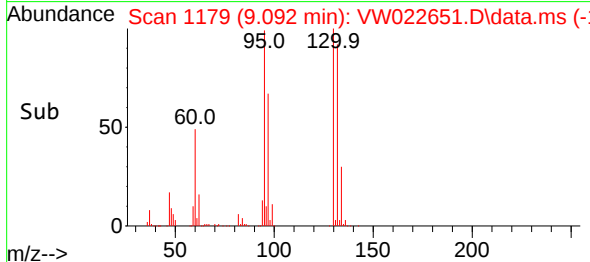
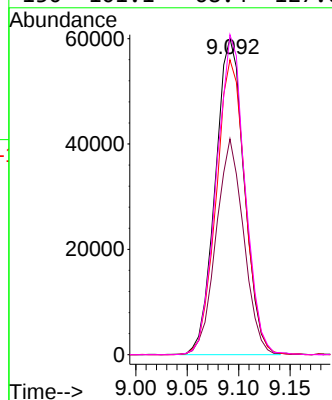
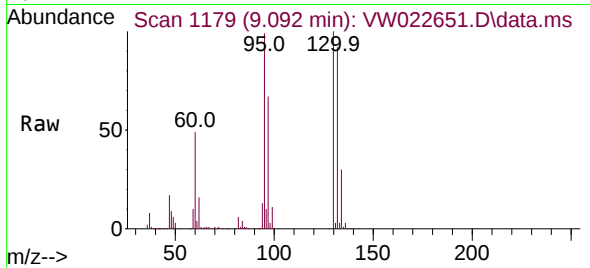


#34
Trichloroethene
Concen: 21.243 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Instrument :
MSVOA_W
ClientSampleId :
EW478MS

Tgt Ion: 95 Resp: 117489

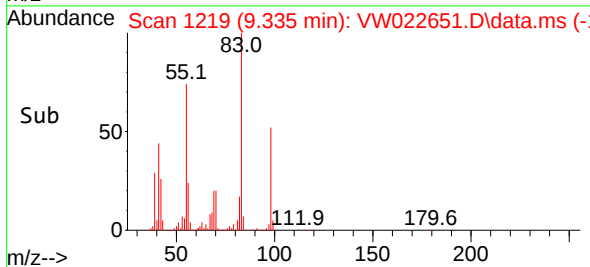
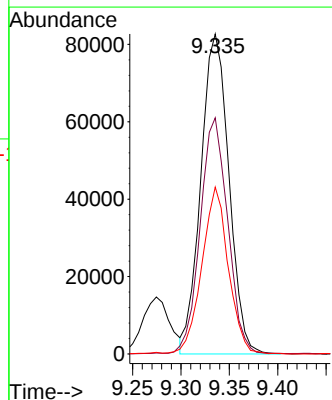
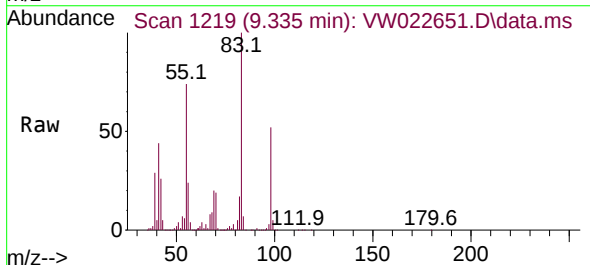
Ion	Ratio	Lower	Upper
95	100		
97	68.2	46.4	86.2
132	93.2	67.4	125.2
130	101.1	68.4	127.0

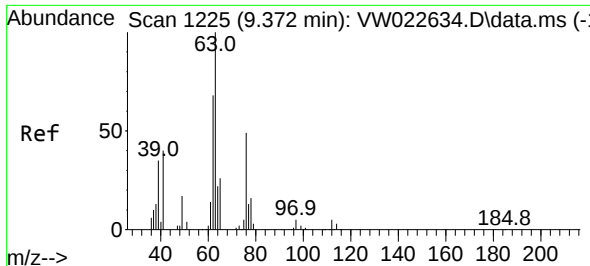


#35
Methylcyclohexane
Concen: 16.838 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 83 Resp: 167085

Ion	Ratio	Lower	Upper
83	100		
55	72.4	61.0	91.6
98	49.1	39.2	58.8





#37

1,2-Dichloropropane

Concen: 22.142 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

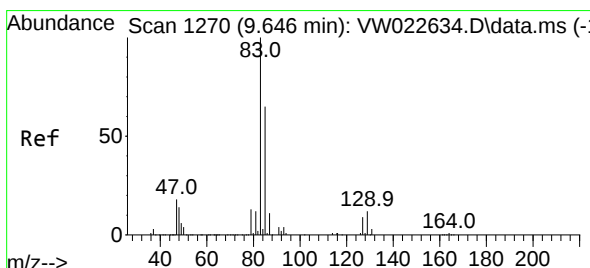
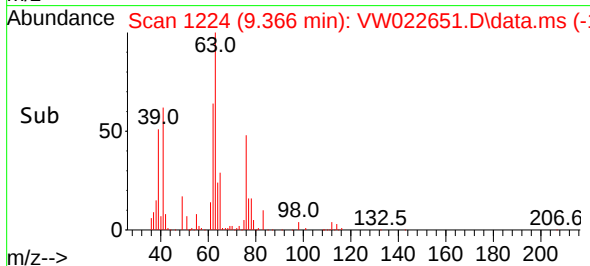
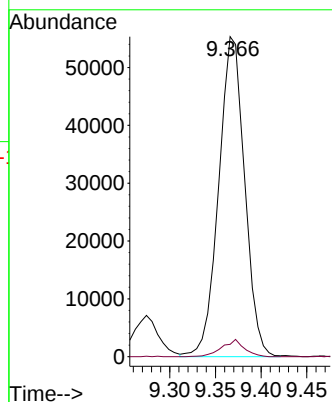
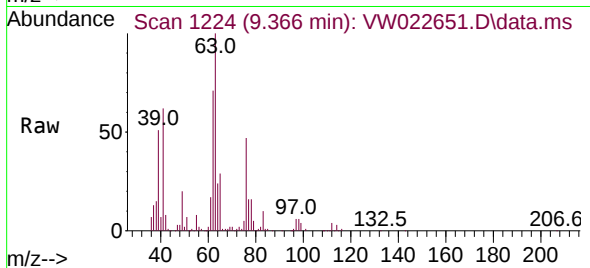
EW478MS

Tgt Ion: 63 Resp: 109571

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 22.269 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

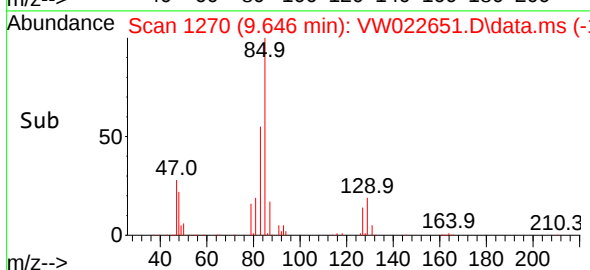
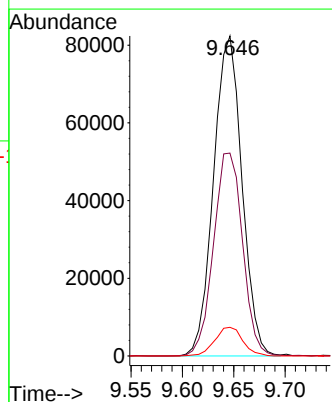
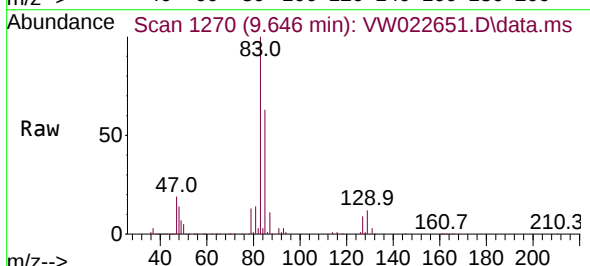
Tgt Ion: 83 Resp: 158474

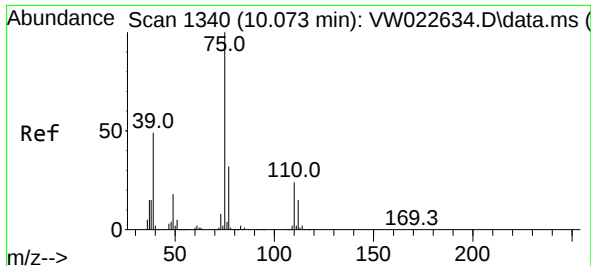
Ion Ratio Lower Upper

83 100

85 63.4 45.2 84.0

127 9.0 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 21.810 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

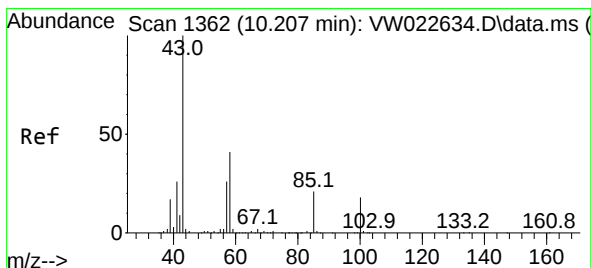
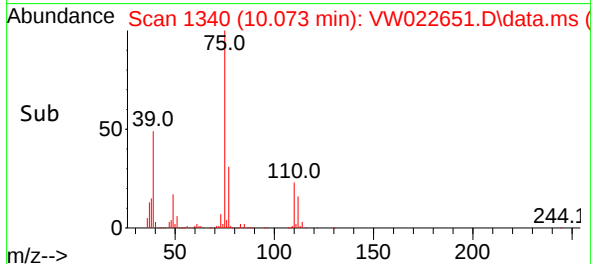
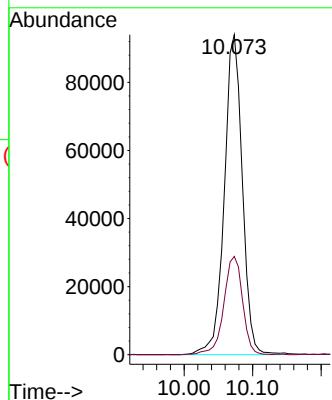
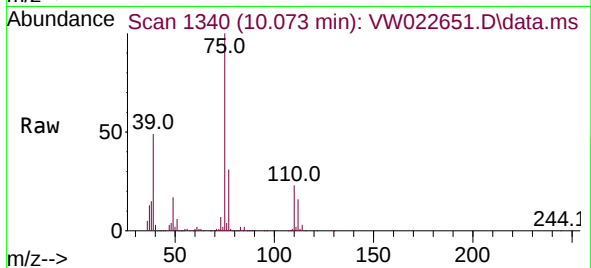
EW478MS

Tgt Ion: 75 Resp: 171260

Ion Ratio Lower Upper

75 100

77 30.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 46.605 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

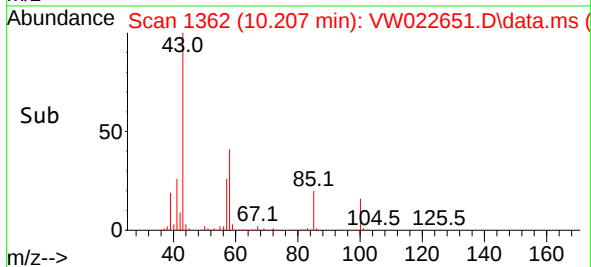
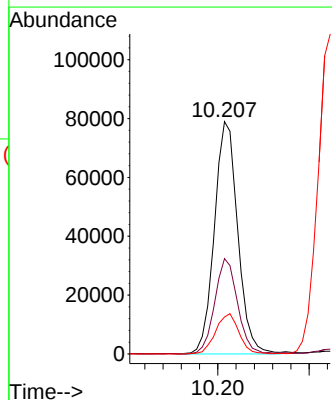
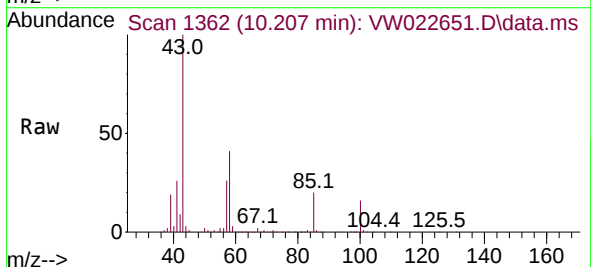
Tgt Ion: 43 Resp: 140746

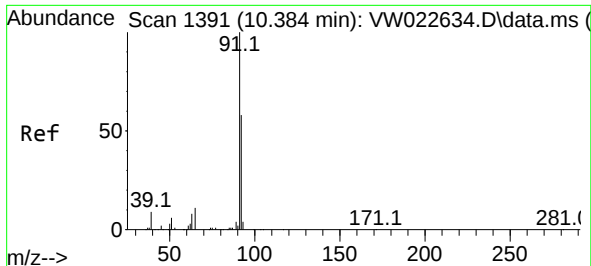
Ion Ratio Lower Upper

43 100

58 40.0 29.3 43.9

100 17.3 12.2 18.4

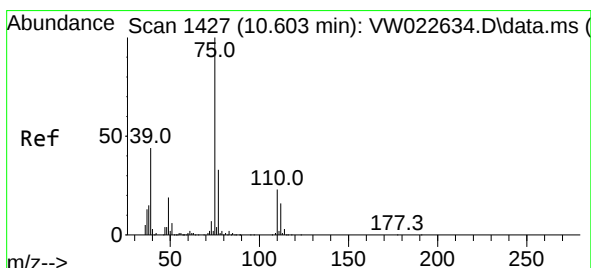
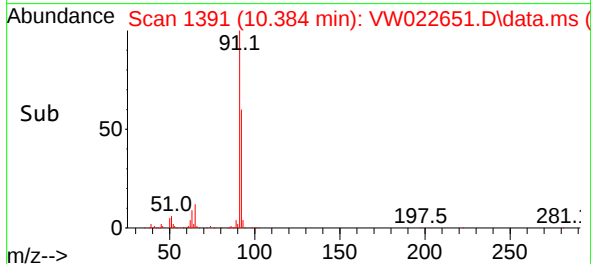
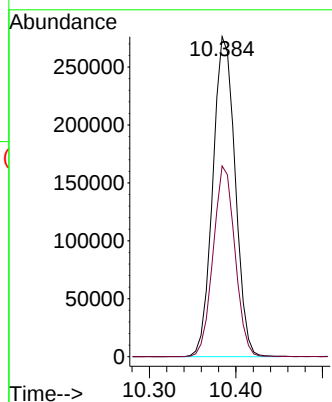
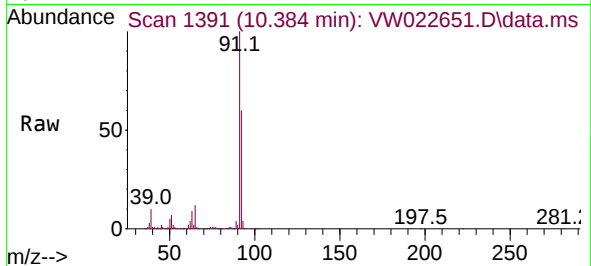




#42
Toluene
Concen: 20.927 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

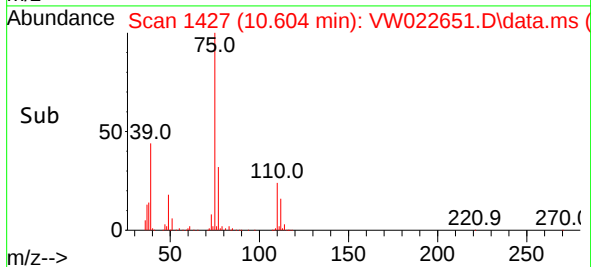
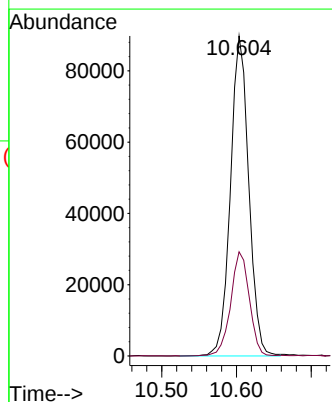
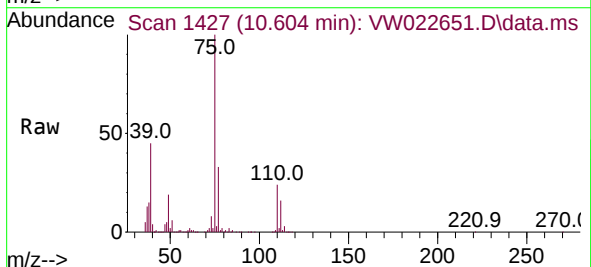
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

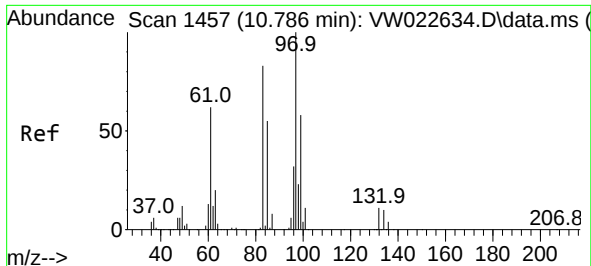
Tgt Ion: 91 Resp: 495335
Ion Ratio Lower Upper
91 100
92 59.6 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 21.729 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 75 Resp: 152779
Ion Ratio Lower Upper
75 100
77 32.6 21.3 39.6

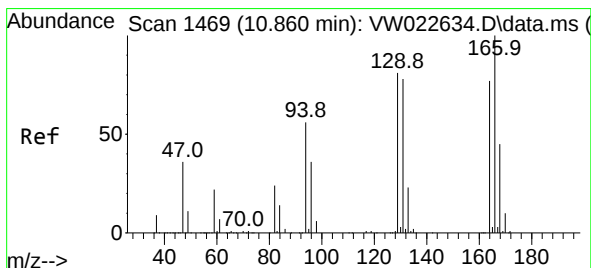
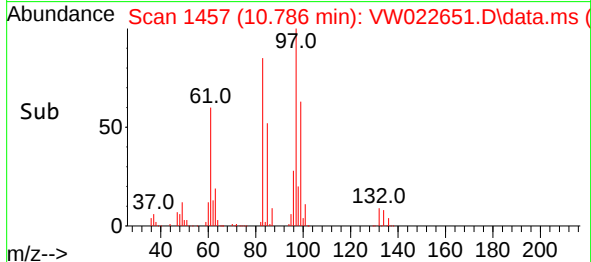
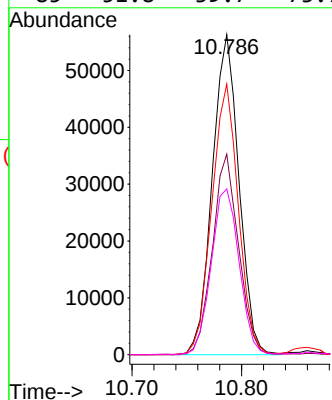
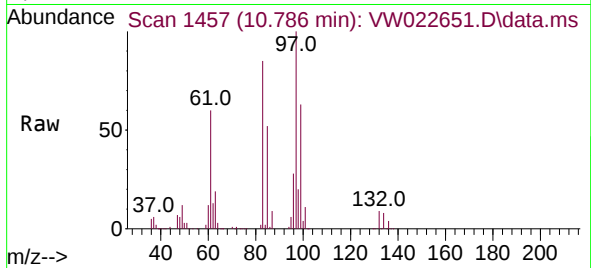




#45
1,1,2-Trichloroethane
Concen: 25.185 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

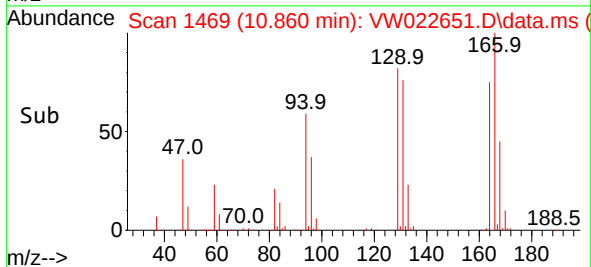
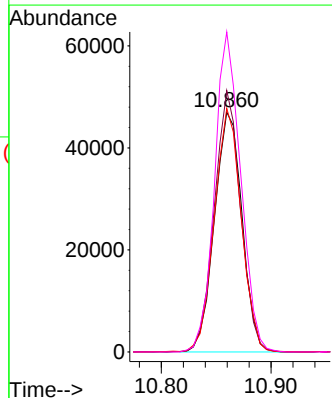
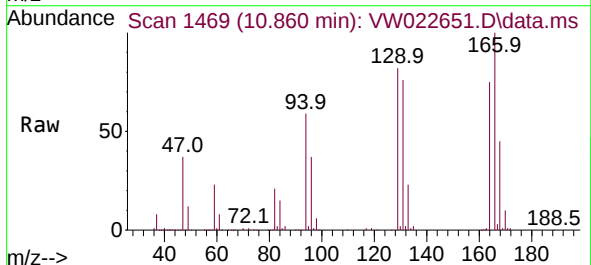
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

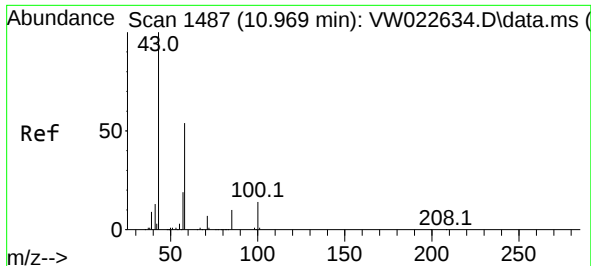
Tgt Ion:	97	Resp:	95117
Ion	Ratio	Lower	Upper
97	100		
99	62.7	46.0	85.4
83	84.6	60.6	112.6
85	51.8	39.7	73.7



#46
Tetrachloroethene
Concen: 20.155 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion:	164	Resp:	81942
Ion	Ratio	Lower	Upper
164	100		
129	109.1	74.1	137.7
131	101.6	71.4	132.6
166	133.5	95.9	178.1

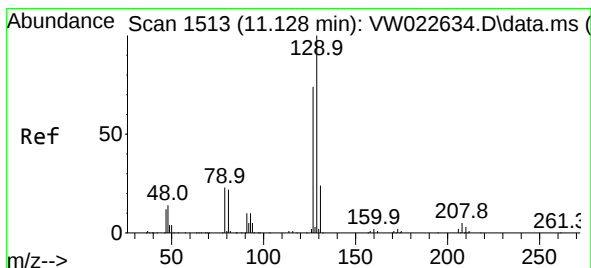
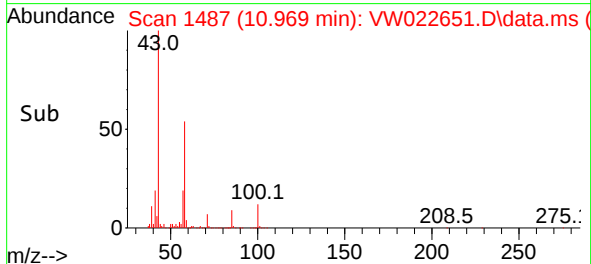
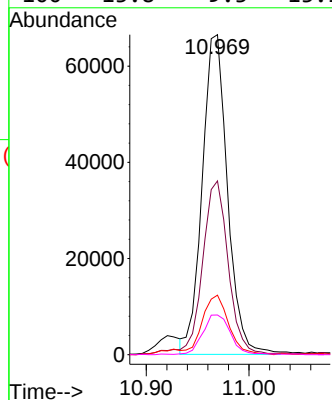
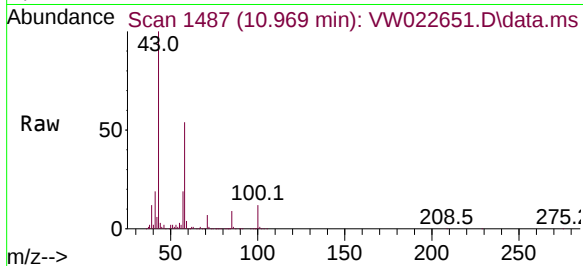




#48
2-Hexanone
Concen: 53.421 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

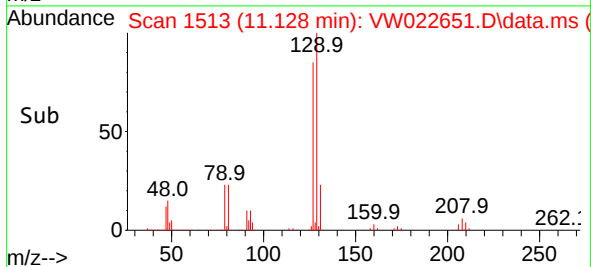
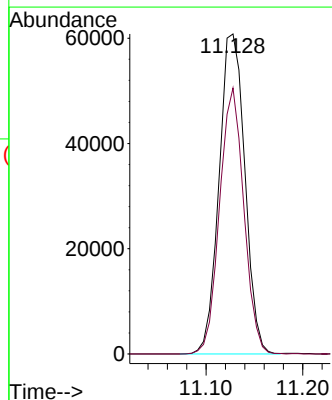
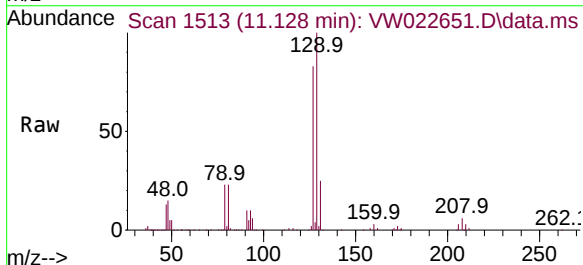
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

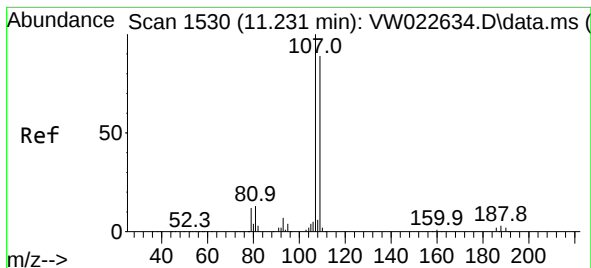
Tgt Ion:	43	Resp:	113815
Ion	Ratio	Lower	Upper
43	100		
58	55.8	41.6	62.4
57	19.5	14.5	21.7
100	13.8	9.3	13.9



#49
Dibromochloromethane
Concen: 25.007 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion:	129	Resp:	112637
Ion	Ratio	Lower	Upper
129	100		
127	83.1	52.6	97.6

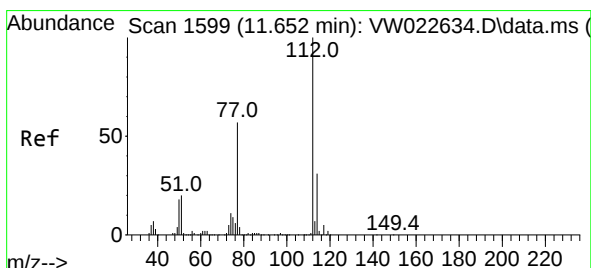
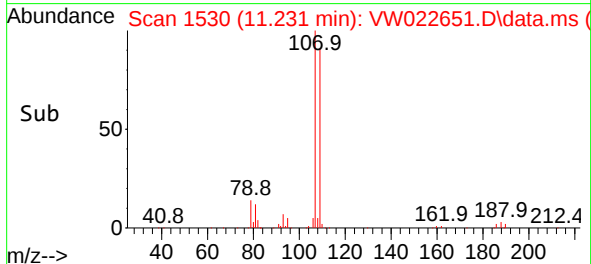
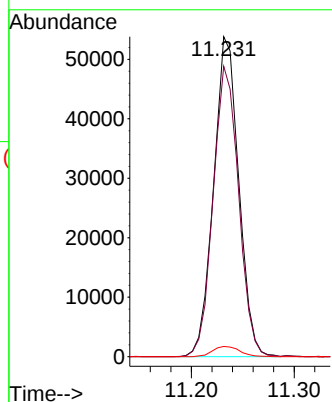
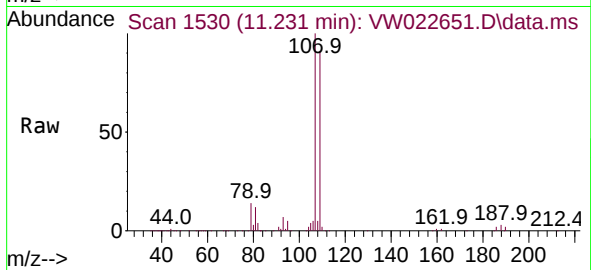




#50
1,2-Dibromoethane
Concen: 24.512 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

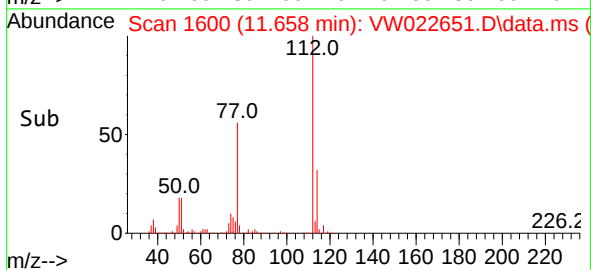
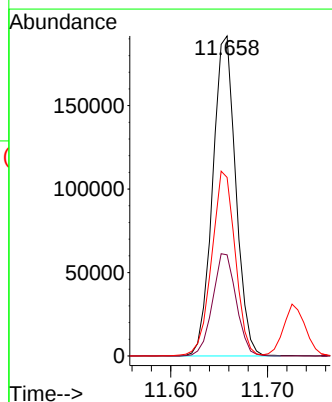
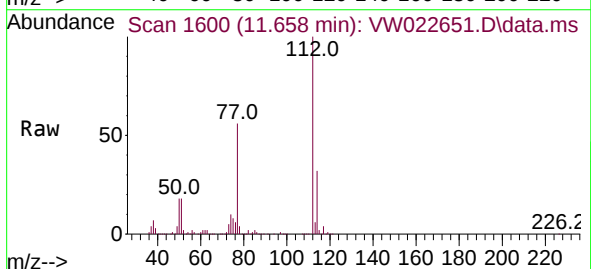
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

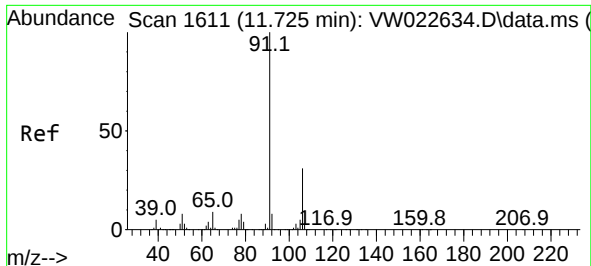
Tgt Ion:107 Resp: 91412
Ion Ratio Lower Upper
107 100
109 90.7 68.2 126.6
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 21.985 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion:112 Resp: 317991
Ion Ratio Lower Upper
112 100
114 31.6 20.5 38.1
77 55.8 48.1 72.1

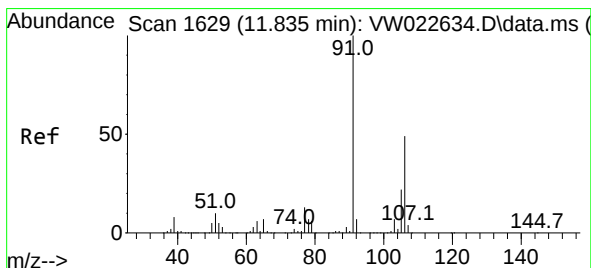
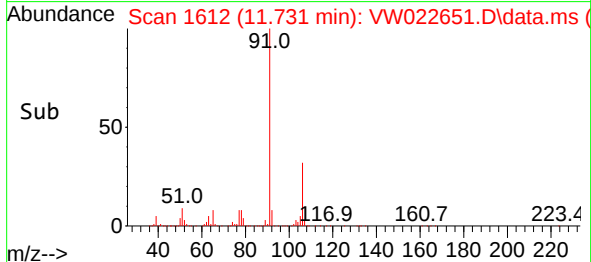
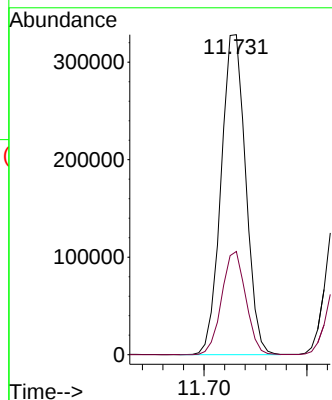
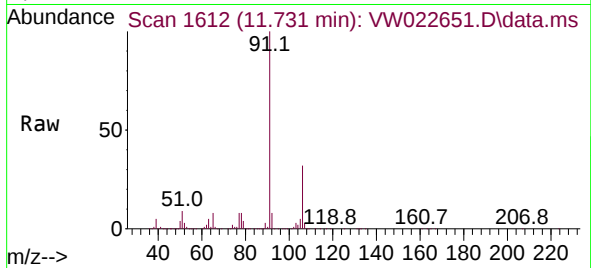




#52
Ethylbenzene
Concen: 20.573 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

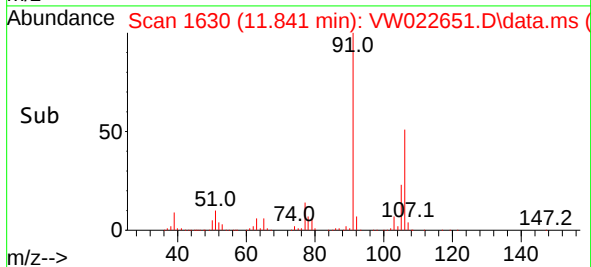
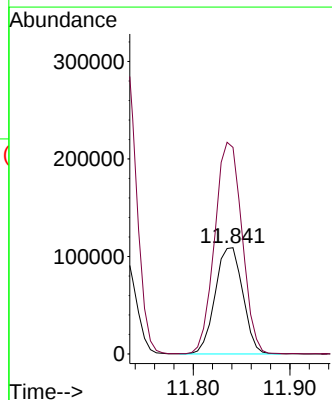
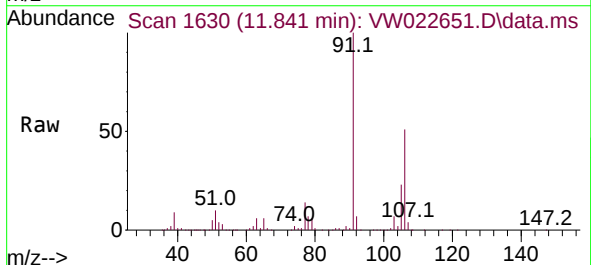
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

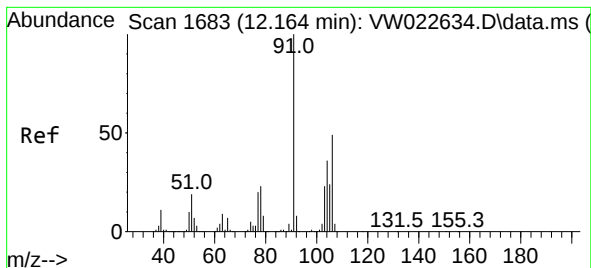
Tgt Ion: 91 Resp: 545822
Ion Ratio Lower Upper
91 100
106 32.3 20.5 38.1



#53
m,p-Xylene
Concen: 21.464 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion: 106 Resp: 216524
Ion Ratio Lower Upper
106 100
91 194.5 149.9 278.5





#54

o-Xylene

Concen: 22.158 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

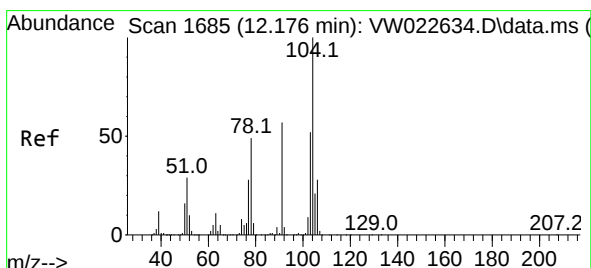
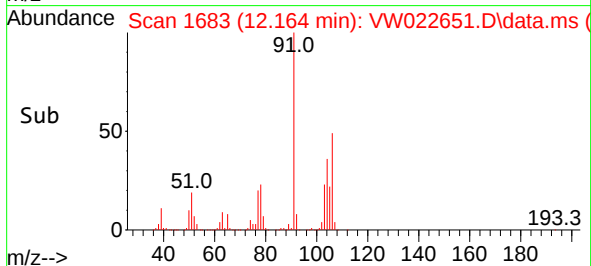
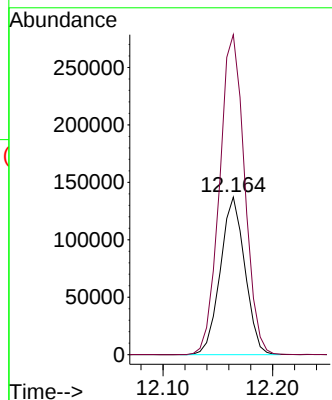
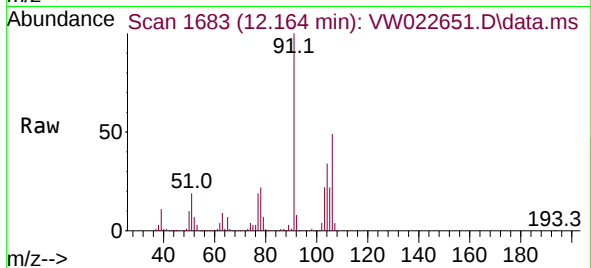
EW478MS

Tgt Ion:106 Resp: 213602

Ion Ratio Lower Upper

106 100

91 203.0 155.3 288.3



#55

Styrene

Concen: 22.067 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022651.D

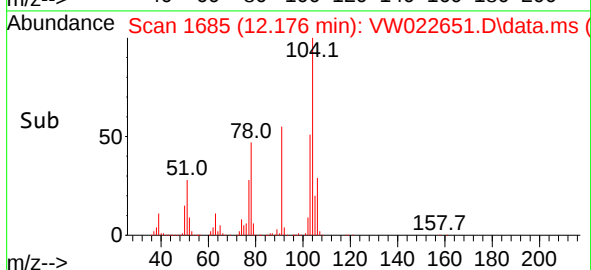
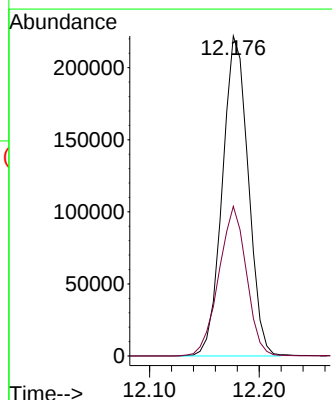
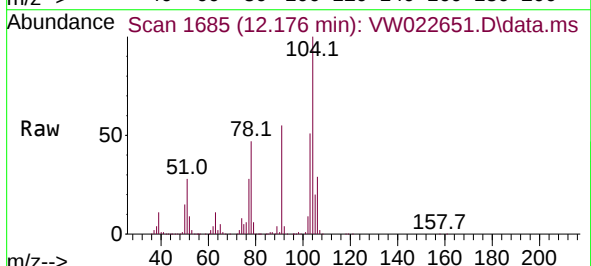
Acq: 27 Apr 2022 18:44

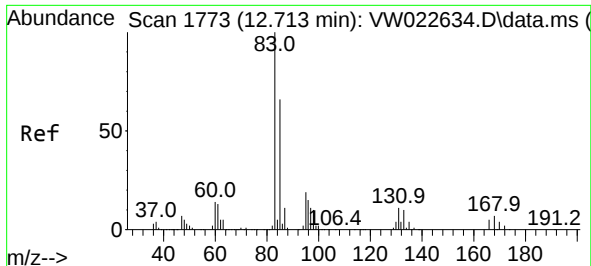
Tgt Ion:104 Resp: 363439

Ion Ratio Lower Upper

104 100

78 46.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.778 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

EW478MS

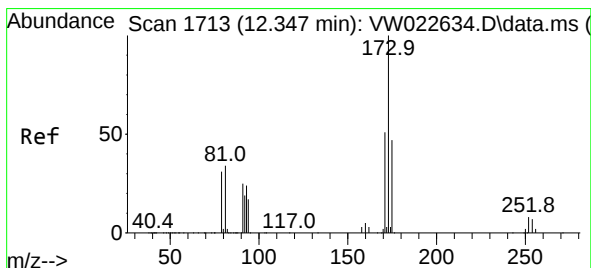
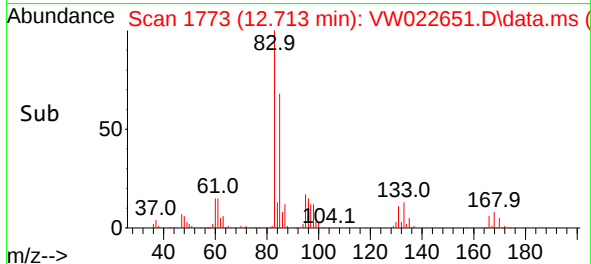
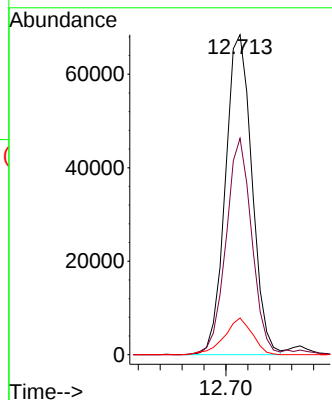
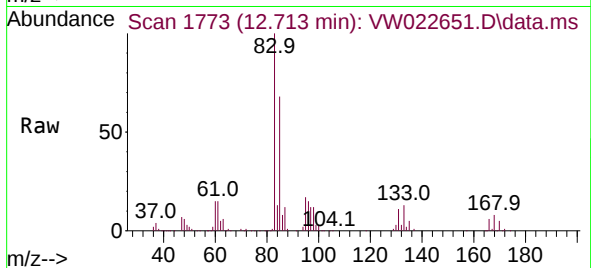
Tgt Ion: 83 Resp: 114856

Ion Ratio Lower Upper

83 100

85 67.6 45.5 84.5

131 11.5 7.8 11.8



#59

Bromoform

Concen: 25.514 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

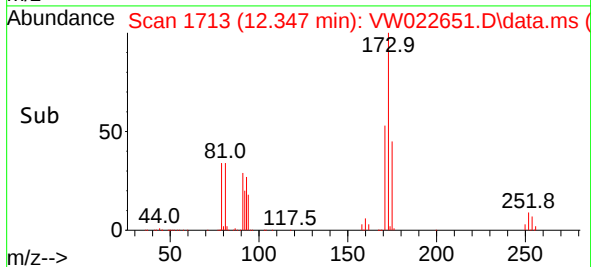
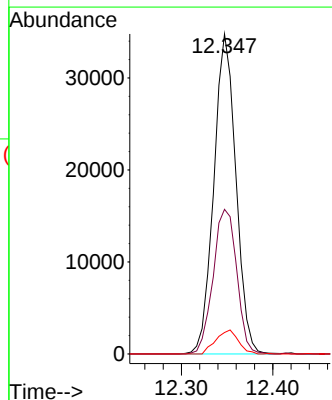
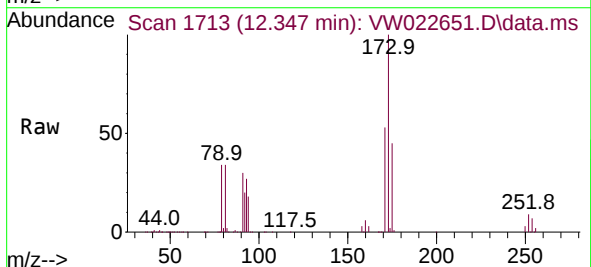
Tgt Ion:173 Resp: 58427

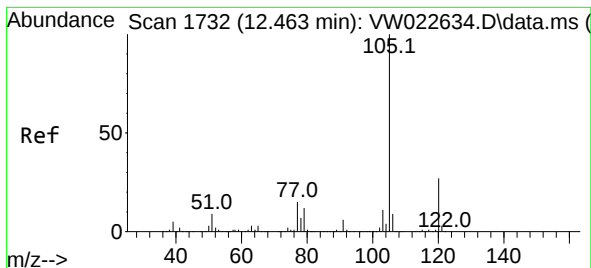
Ion Ratio Lower Upper

173 100

175 48.3 39.2 58.8

254 7.6 6.6 9.8





#60

Isopropylbenzene

Concen: 21.763 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

EW478MS

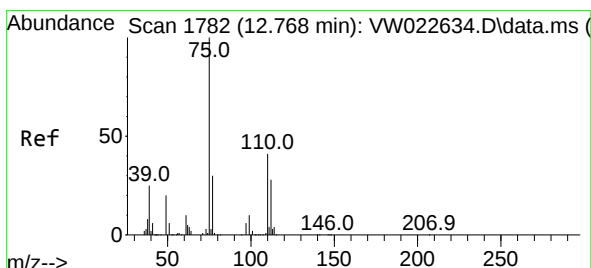
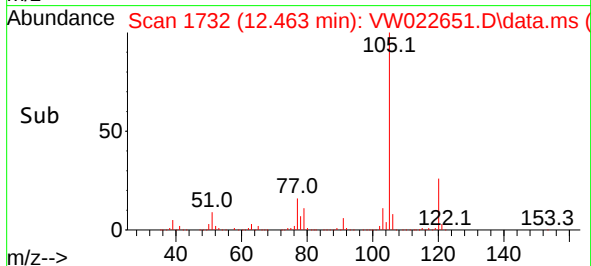
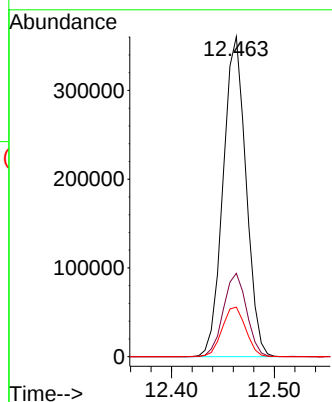
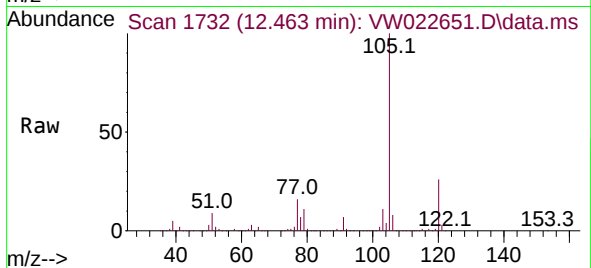
Tgt Ion:105 Resp: 557135

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 16.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 25.809 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

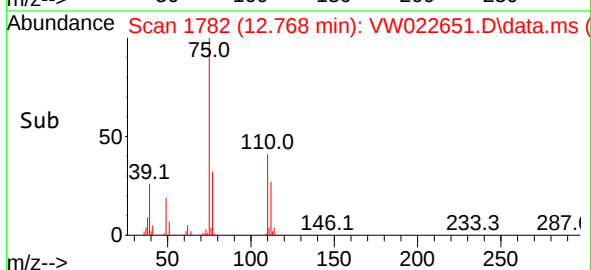
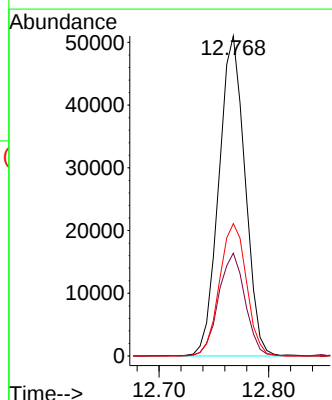
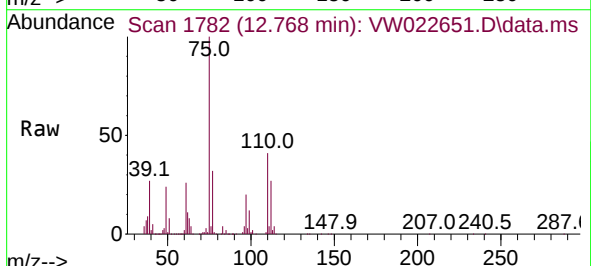
Tgt Ion: 75 Resp: 84608

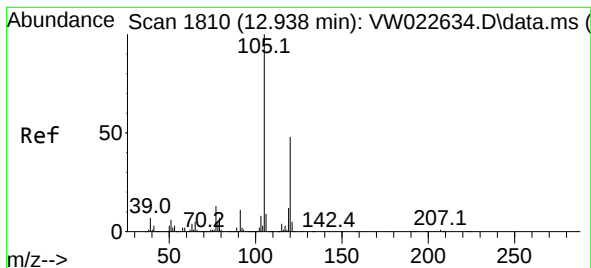
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

110 42.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 21.248 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

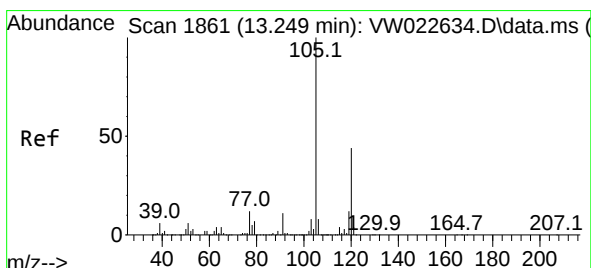
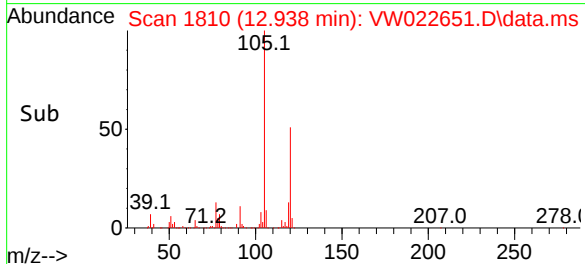
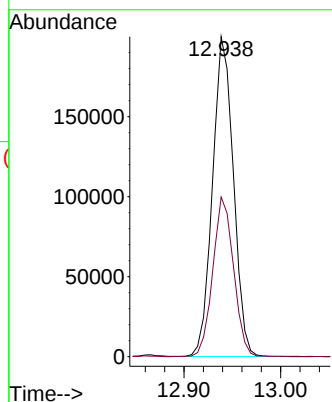
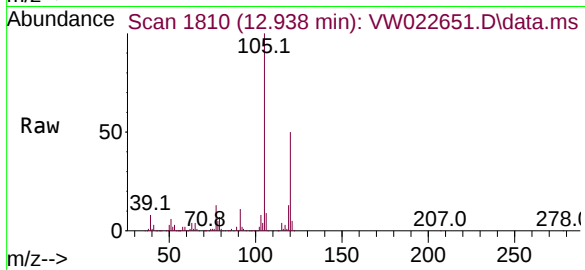
EW478MS

Tgt Ion:105 Resp: 299146

Ion Ratio Lower Upper

105 100

120 49.7 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 21.516 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022651.D

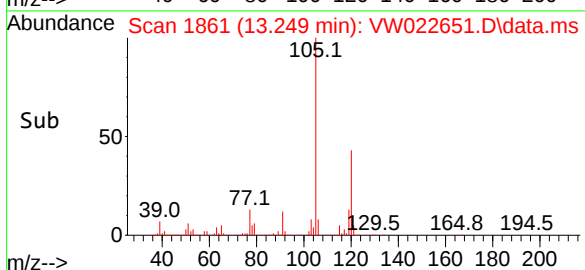
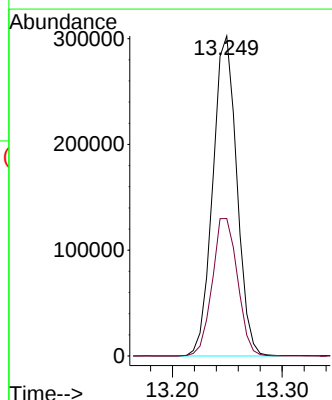
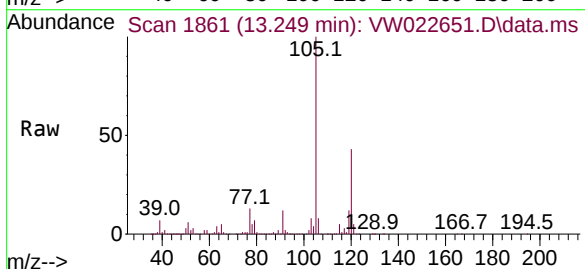
Acq: 27 Apr 2022 18:44

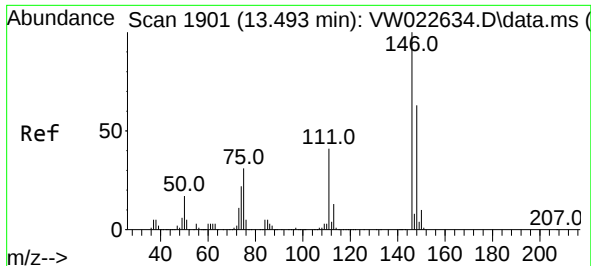
Tgt Ion:105 Resp: 460637

Ion Ratio Lower Upper

105 100

120 45.2 34.2 51.2

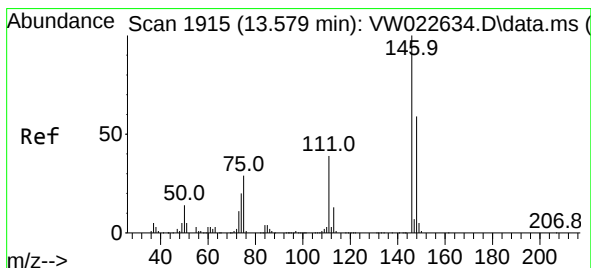
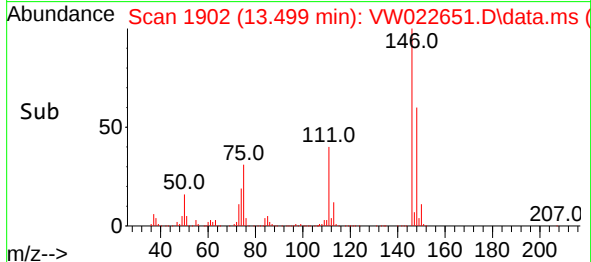
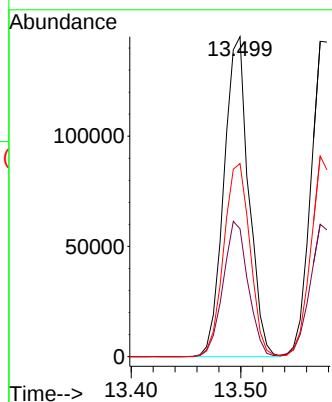
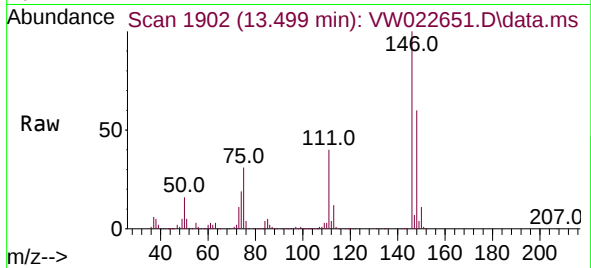




#64
1,3-Dichlorobenzene
Concen: 21.985 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

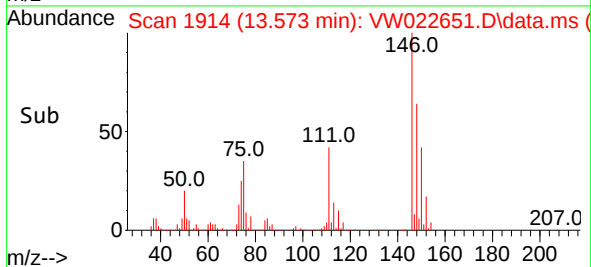
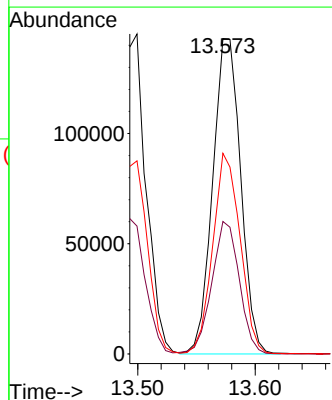
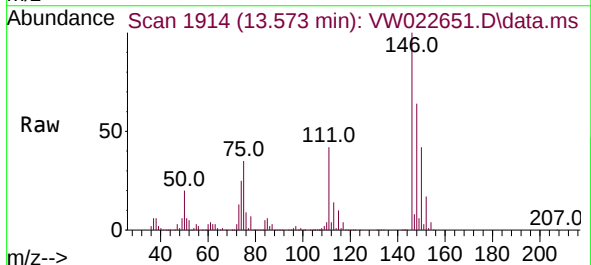
Instrument :
MSVOA_W
ClientSampleId :
EW478MS

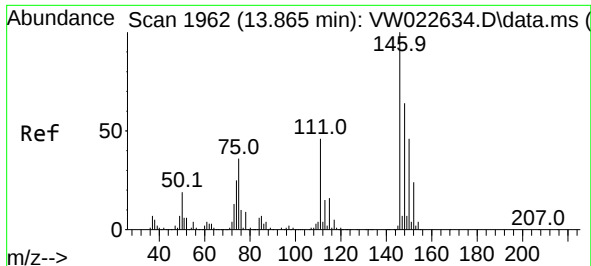
Tgt Ion:146 Resp: 228418
Ion Ratio Lower Upper
146 100
111 40.0 28.2 52.4
148 60.4 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 22.875 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022651.D
Acq: 27 Apr 2022 18:44

Tgt Ion:146 Resp: 237029
Ion Ratio Lower Upper
146 100
111 42.0 28.5 52.9
148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 22.992 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

EW478MS

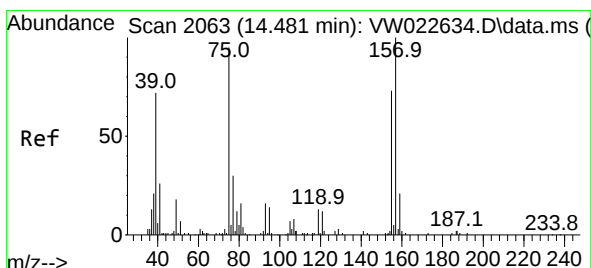
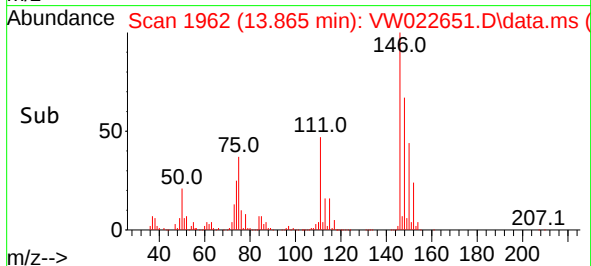
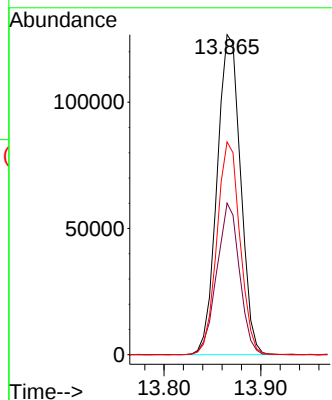
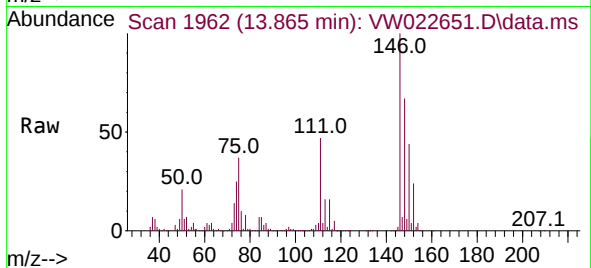
Tgt Ion:146 Resp: 213632

Ion Ratio Lower Upper

146 100

111 47.4 39.0 58.4

148 66.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.596 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

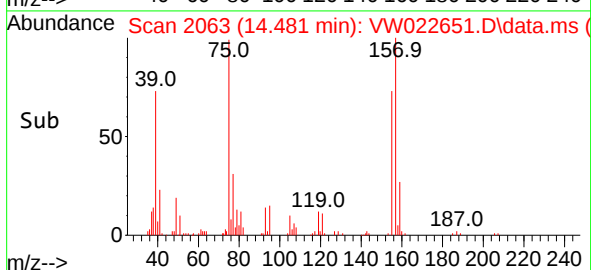
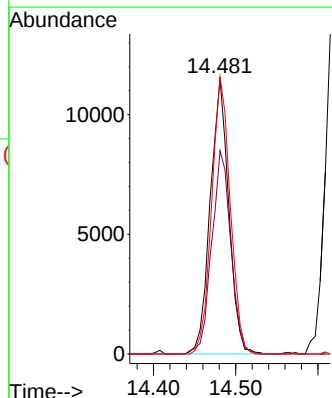
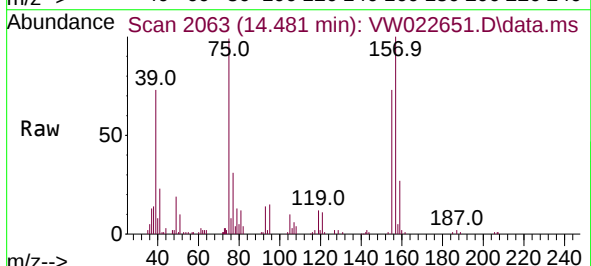
Tgt Ion: 75 Resp: 17940

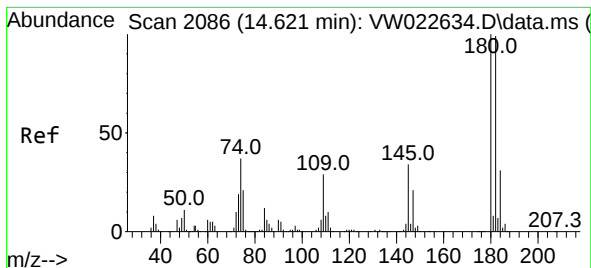
Ion Ratio Lower Upper

75 100

155 73.7 55.6 83.4

157 100.5 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 19.211 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

EW478MS

Tgt Ion:180 Resp: 130227

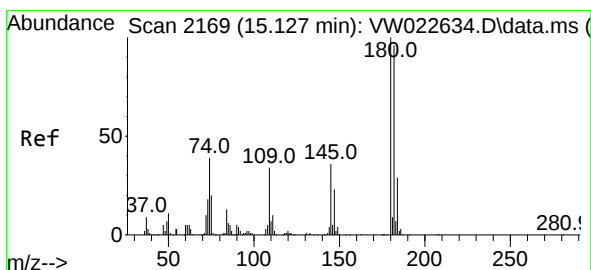
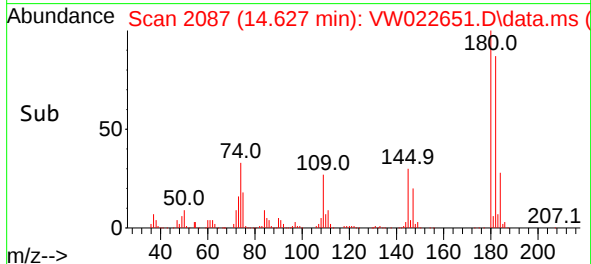
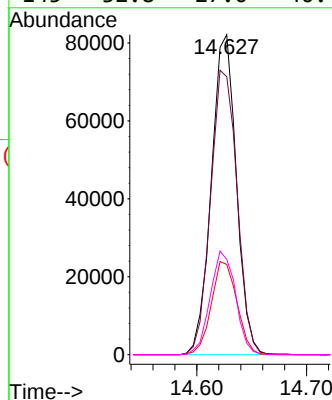
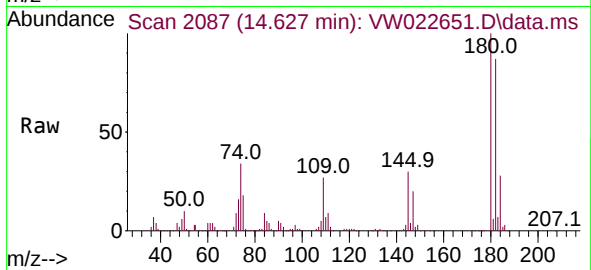
Ion Ratio Lower Upper

180 100

182 94.2 79.1 118.7

184 29.8 24.5 36.7

145 32.8 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 18.802 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

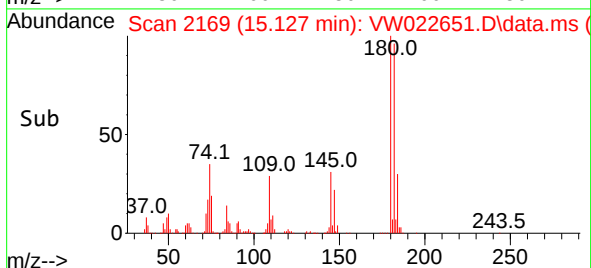
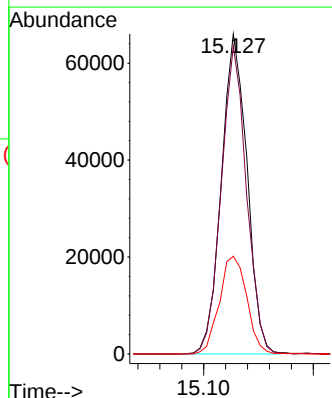
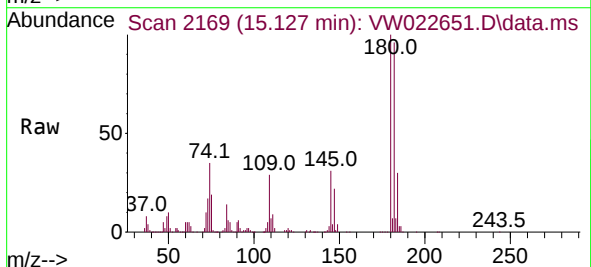
Tgt Ion:180 Resp: 107041

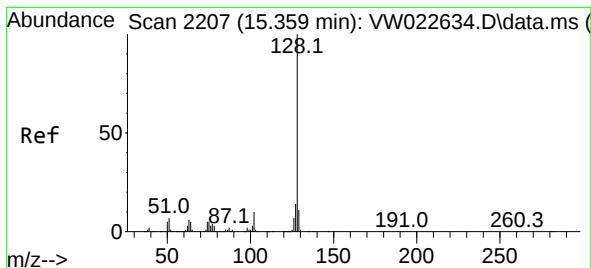
Ion Ratio Lower Upper

180 100

182 94.7 72.8 109.2

145 32.6 25.5 38.3





#71

Naphthalene

Concen: 23.263 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Instrument :

MSVOA_W

ClientSampleId :

EW478MS

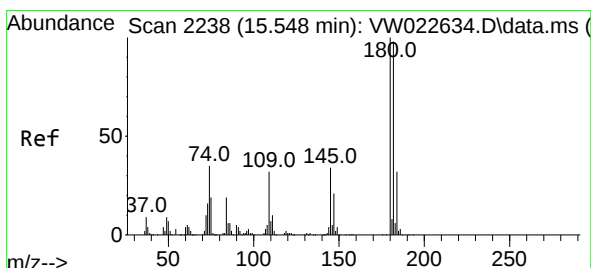
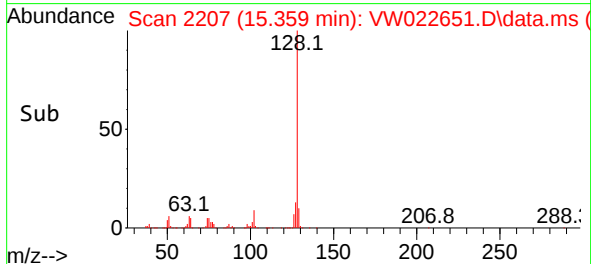
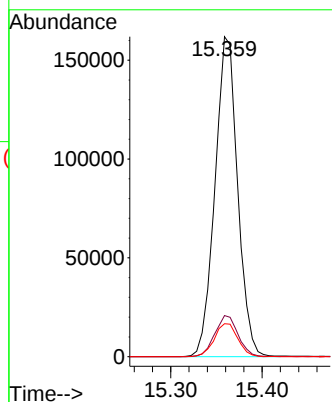
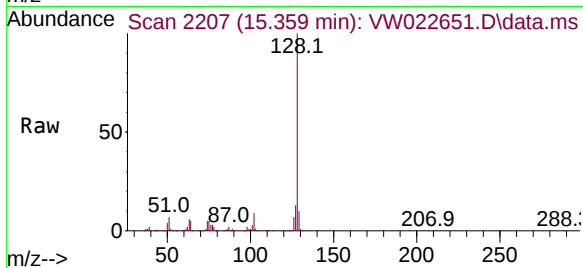
Tgt Ion:128 Resp: 279344

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 18.663 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022651.D

Acq: 27 Apr 2022 18:44

Tgt Ion:180 Resp: 90821

Ion Ratio Lower Upper

180 100

182 98.8 73.4 110.0

145 36.5 27.0 40.6

