

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022480.D
 Acq On : 11 Apr 2022 14:00
 Operator : SY/VA
 Sample : N2293-24MSD
 Misc : 6.54g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ5MSD

Quant Time: Apr 11 23:57:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	461842	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	437690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	234751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	160026	15.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.680%
7) Chloroethane-d5	2.891	69	111211	17.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
11) 1,1-Dichloroethene-d2	4.025	63	247898	18.720	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.880%
21) 2-Butanone-d5	7.080	46	89218	50.052	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.100%
24) Chloroform-d	7.653	84	331914	22.993	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.960%
26) 1,2-Dichloroethane-d4	8.305	65	181302	21.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.920%
32) Benzene-d6	8.275	84	574306	21.477	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.920%
36) 1,2-Dichloropropane-d6	9.274	67	179754	23.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.323	98	548157	20.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.720%
43) trans-1,3-Dichloroprop...	10.579	79	81930	22.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.927	63	78419	54.466	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168075	25.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	209094	25.147	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	37116	16.394	ug/L	98
3) Chloromethane	2.221	50	75291	13.339	ug/L	98
5) Vinyl chloride	2.367	62	207024	17.577	ug/L	98
6) Bromomethane	2.782	94	111263	15.540	ug/L	98
8) Chloroethane	2.928	64	90651	17.580	ug/L	98
9) Trichlorofluoromethane	3.263	101	95076	21.865	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	139854	20.198	ug/L #	77
12) 1,1-Dichloroethene	4.044	96	134748	21.669	ug/L	94
13) Acetone	4.123	43	83370	68.694	ug/L	95
14) Carbon disulfide	4.391	76	392735	19.198	ug/L	99
15) Methyl Acetate	4.672	43	55155	18.110	ug/L	94
16) Methylene chloride	4.922	84	141179	20.315	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	149776	20.561	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	251900	21.173	ug/L	98
19) 1,1-Dichloroethane	6.220	63	264964	19.934	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	164407	21.369	ug/L #	87
22) 2-Butanone	7.171	43	89438	48.793	ug/L	95
23) Bromochloromethane	7.513	128	73146	22.091	ug/L	86
25) Chloroform	7.677	83	294831	21.060	ug/L	98

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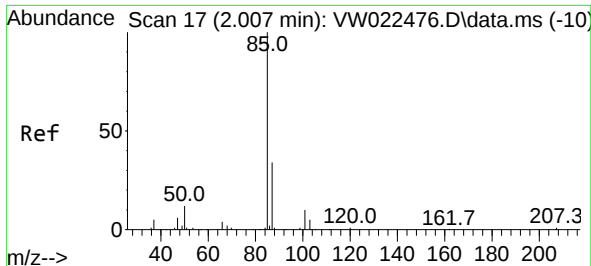
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	192195	19.533	ug/L	99
29) Cyclohexane	7.958	56	236743	18.899	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	256187	21.100	ug/L	98
31) Carbon tetrachloride	8.073	117	232912	21.374	ug/L	98
33) Benzene	8.323	78	1467918	49.398	ug/L	100
34) Trichloroethene	9.092	95	166895	20.975	ug/L	95
35) Methylcyclohexane	9.335	83	283553	19.863	ug/L	97
37) 1,2-Dichloropropane	9.372	63	147053	20.656	ug/L	100
38) Bromodichloromethane	9.646	83	216151	21.114	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	240912	21.326	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	180302	41.501	ug/L	95
42) Toluene	10.384	91	1086922	31.920	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	213837	21.141	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	120360	22.153	ug/L	97
46) Tetrachloroethene	10.860	164	122901	21.013	ug/L	93
48) 2-Hexanone	10.969	43	146841	47.909	ug/L	94
49) Dibromochloromethane	11.128	129	148936	22.985	ug/L	94
50) 1,2-Dibromoethane	11.231	107	115257	21.483	ug/L	97
51) Chlorobenzene	11.658	112	6481251	311.470	ug/L	95
52) Ethylbenzene	11.731	91	807819	21.165	ug/L	95
53) m,p-Xylene	11.835	106	324321	22.348	ug/L	91
54) o-Xylene	12.164	106	311475	22.460	ug/L	91
55) Styrene	12.176	104	504664	21.299	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	140107	21.010	ug/L	100
59) Bromoform	12.347	173	78916	22.623	ug/L	97
60) Isopropylbenzene	12.463	105	820985	21.053	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	104825	20.992	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	457799	21.347	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	694592	21.299	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	347075	21.930	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	351872	22.293	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	316545	22.365	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	27341	23.607	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	228403	22.119	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	191618	22.096	ug/L	97
71) Naphthalene	15.359	128	393337	21.504	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	159137	21.468	ug/L	94

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

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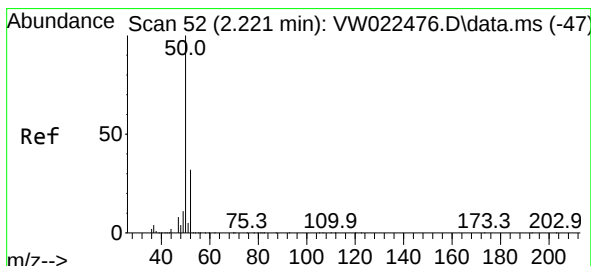
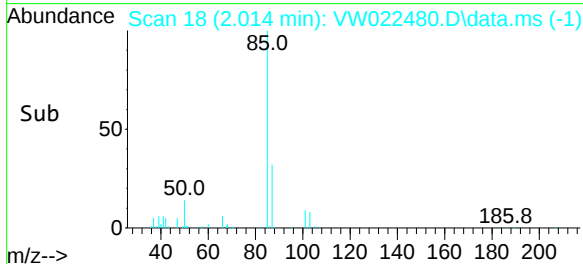
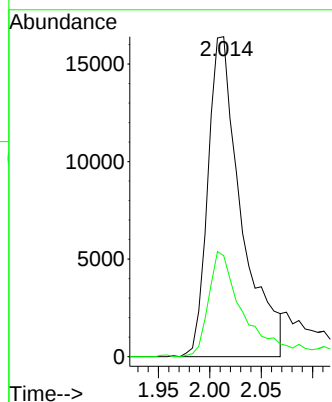
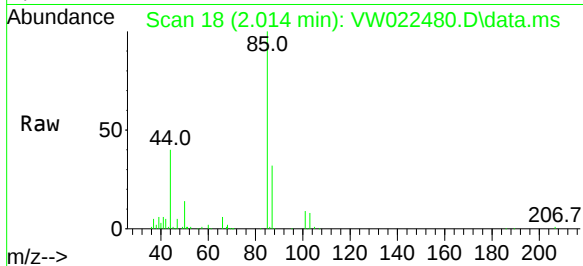




#2
 Dichlorodifluoromethane
 Concen: 16.394 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

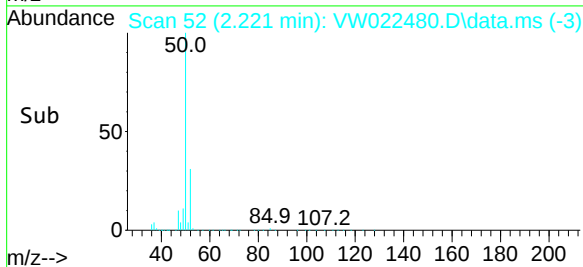
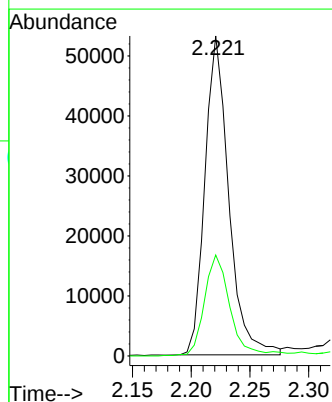
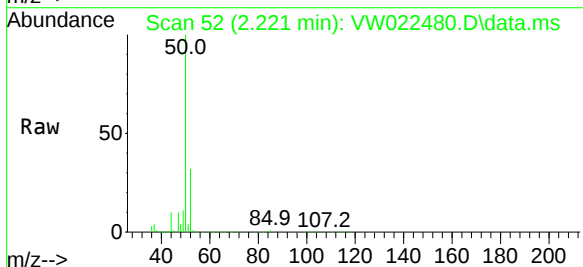
Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ5MSD

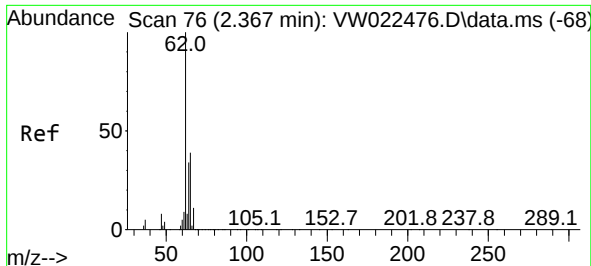
Tgt Ion: 85 Resp: 37116
 Ion Ratio Lower Upper
 85 100
 87 30.8 23.7 35.5



#3
 Chloromethane
 Concen: 13.339 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

Tgt Ion: 50 Resp: 75291
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.0 42.6

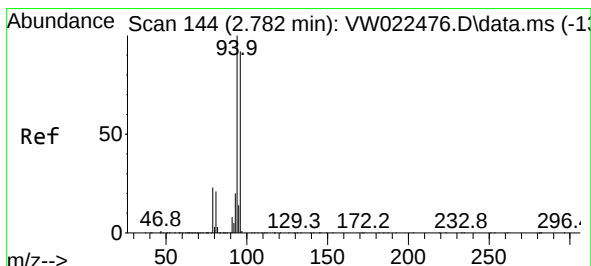
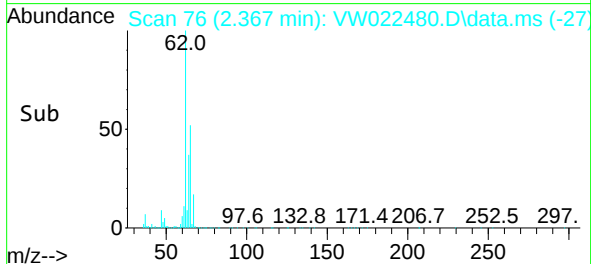
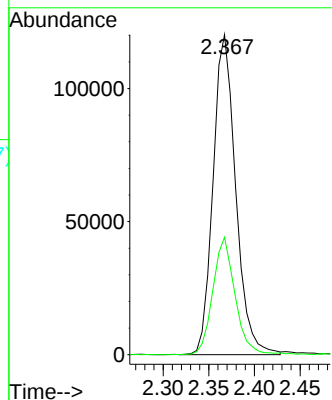
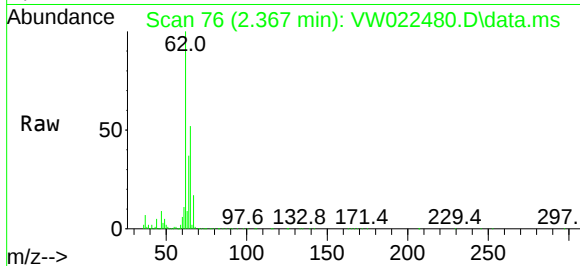




#5
 Vinyl chloride
 Concen: 17.577 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

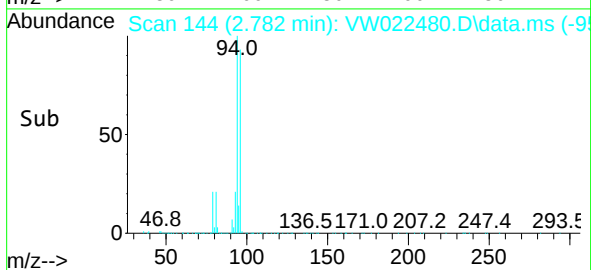
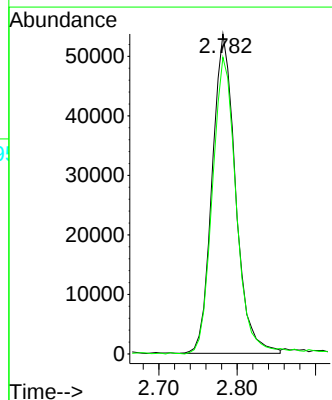
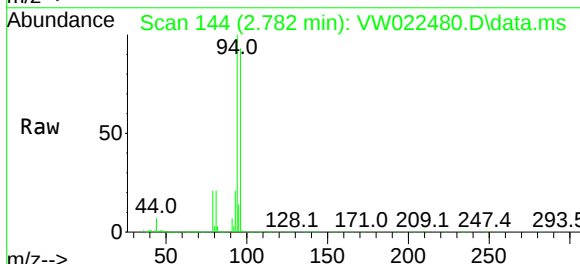
Instrument :
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 ClientSampleId :
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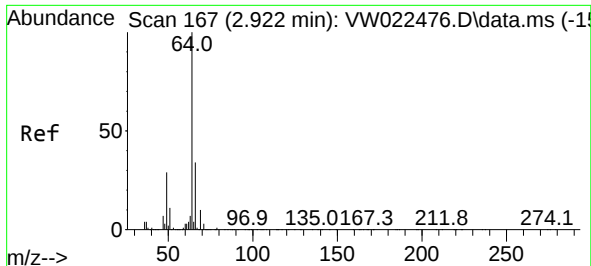
Tgt Ion: 62 Resp: 207024
 Ion Ratio Lower Upper
 62 100
 64 36.7 26.5 49.3



#6
 Bromomethane
 Concen: 15.540 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

Tgt Ion: 94 Resp: 111263
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.6 123.6

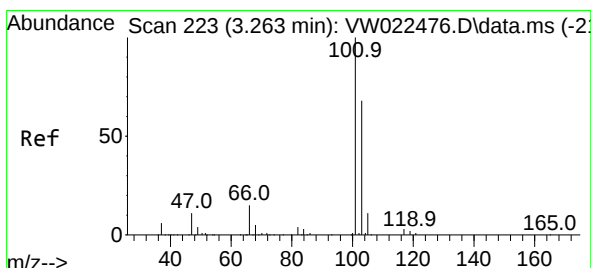
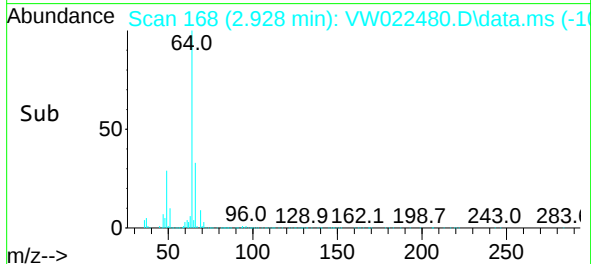
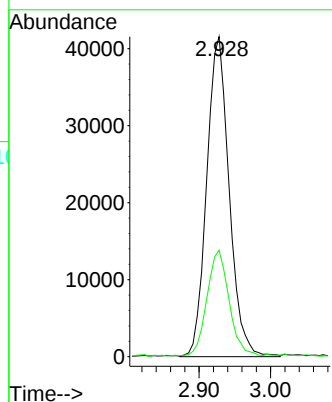
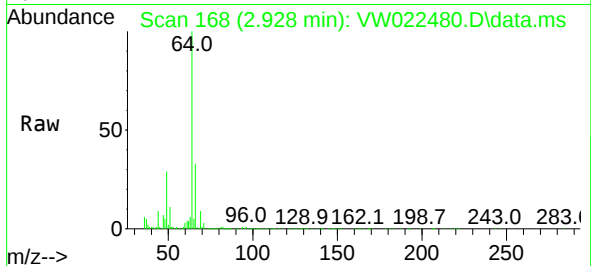




#8
Chloroethane
Concen: 17.580 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

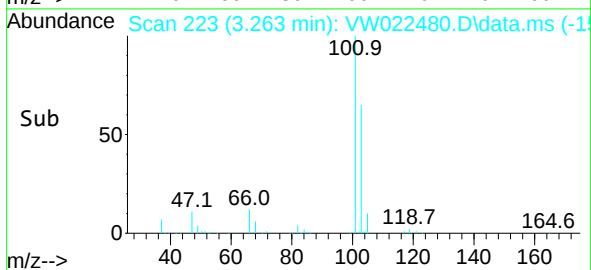
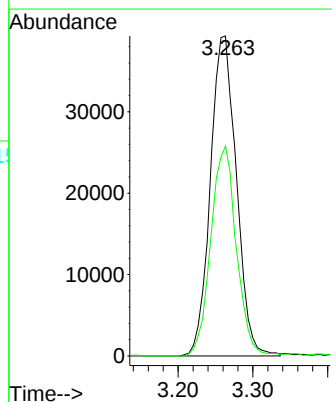
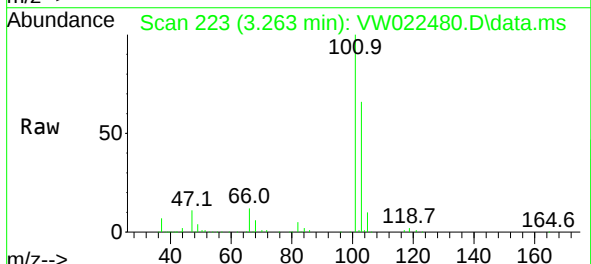
Instrument :
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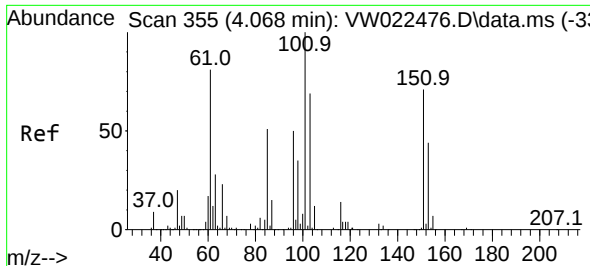
Tgt Ion: 64 Resp: 90651
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.865 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 101 Resp: 95076
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

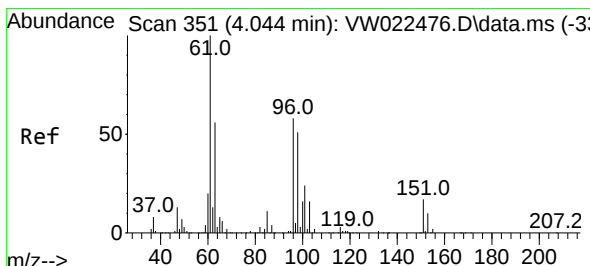
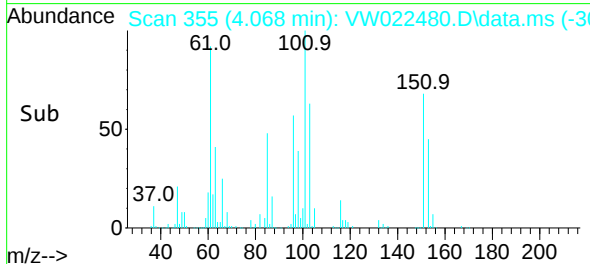
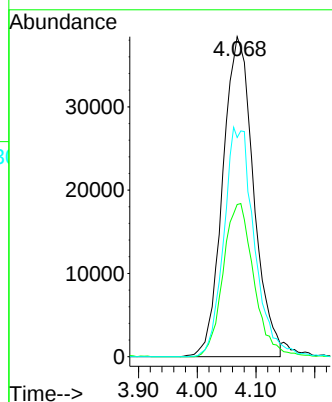
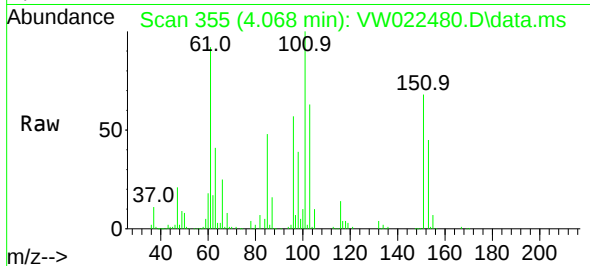




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.198 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

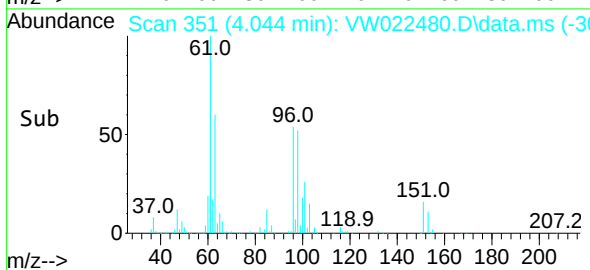
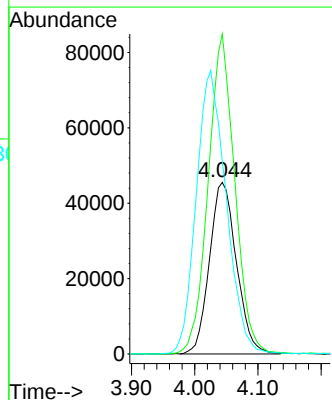
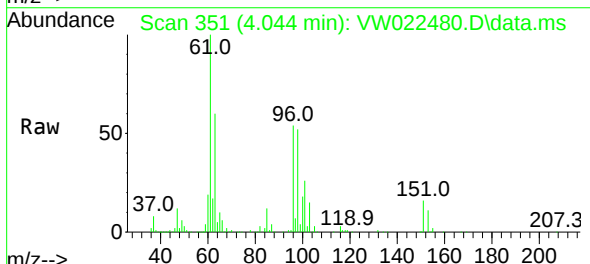
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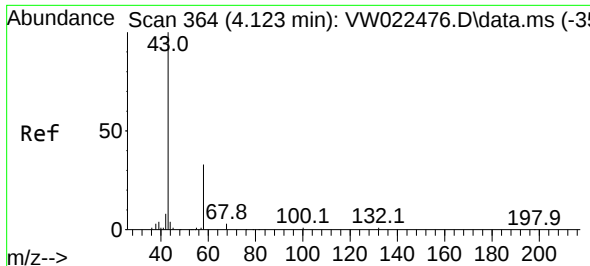
Tgt Ion:101 Resp: 139854
 Ion Ratio Lower Upper
 101 100
 85 47.8 39.2 58.8
 151 34.2 52.2 78.4#



#12
 1,1-Dichloroethene
 Concen: 21.669 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

Tgt Ion: 96 Resp: 134748
 Ion Ratio Lower Upper
 96 100
 61 186.6 128.0 237.6
 63 112.2 86.6 160.8





#13

Acetone

Concen: 68.694 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

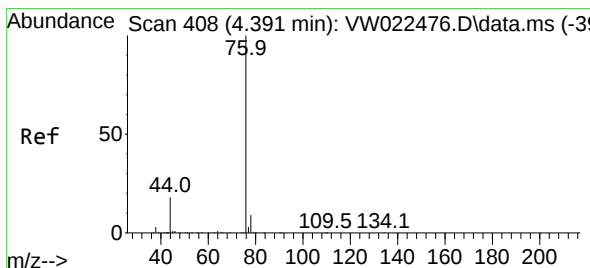
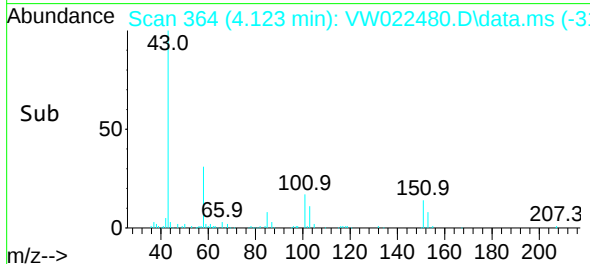
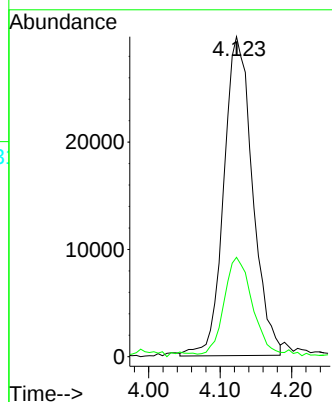
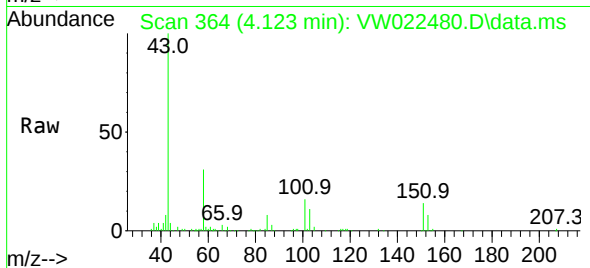
ETNQ5MSD

Tgt Ion: 43 Resp: 83370

Ion Ratio Lower Upper

43 100

58 31.1 0.0 57.0



#14

Carbon disulfide

Concen: 19.198 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW022480.D

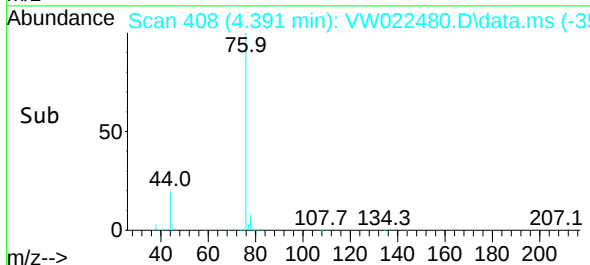
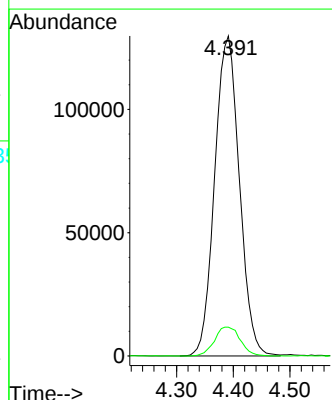
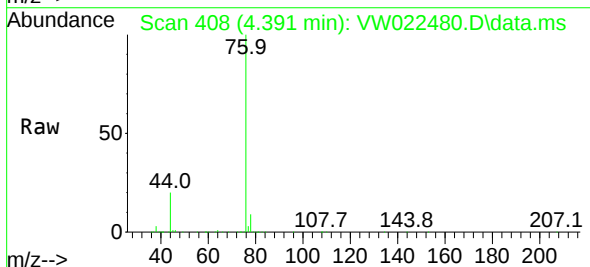
Acq: 11 Apr 2022 14:00

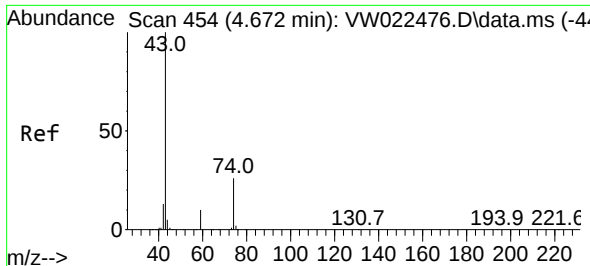
Tgt Ion: 76 Resp: 392735

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

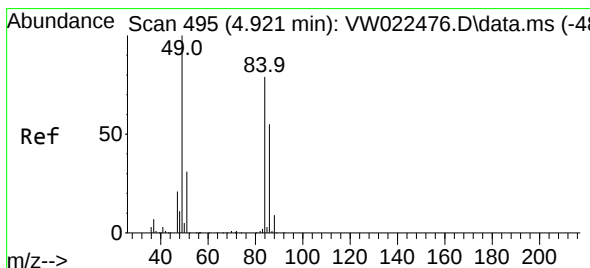
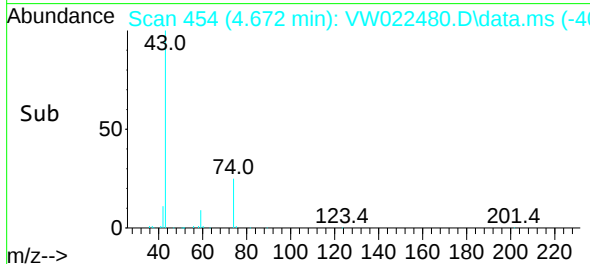
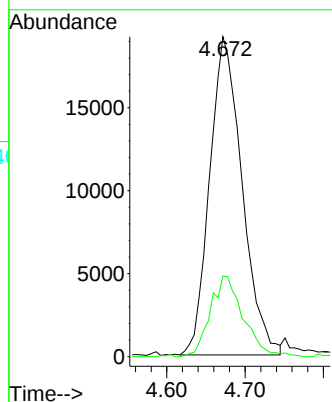
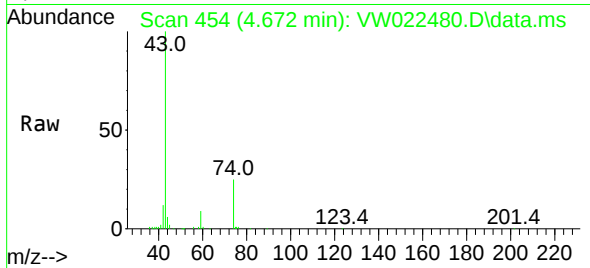




#15
Methyl Acetate
Concen: 18.110 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

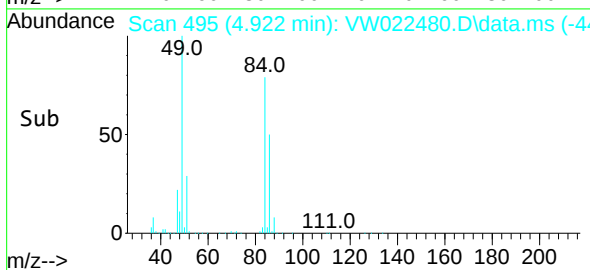
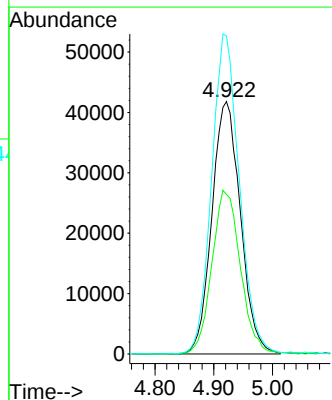
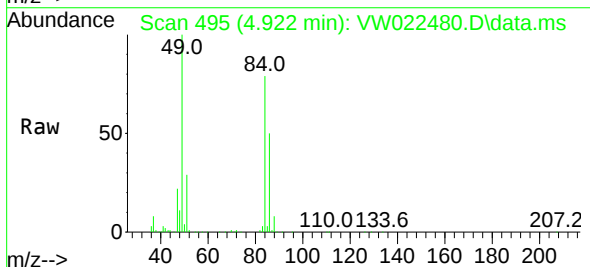
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

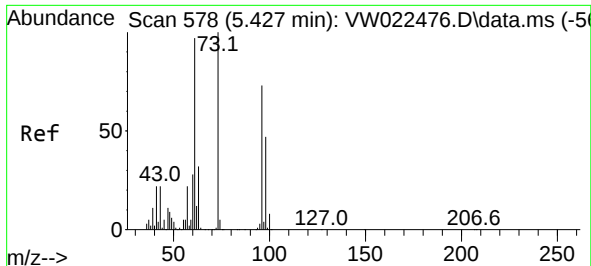
Tgt Ion: 43 Resp: 55155
Ion Ratio Lower Upper
43 100
74 25.8 18.5 27.7



#16
Methylene chloride
Concen: 20.315 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 84 Resp: 141179
Ion Ratio Lower Upper
84 100
86 63.2 42.8 79.4
49 126.1 94.2 175.0

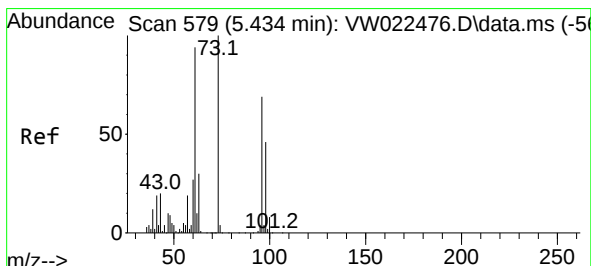
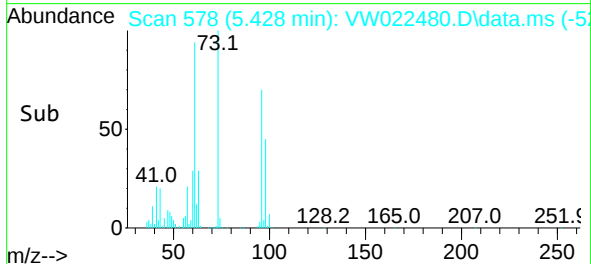
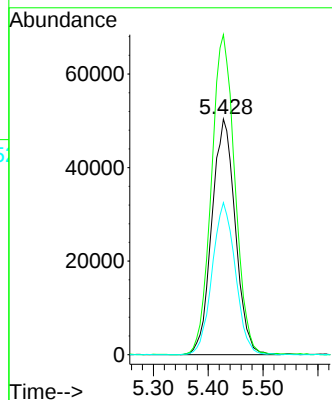
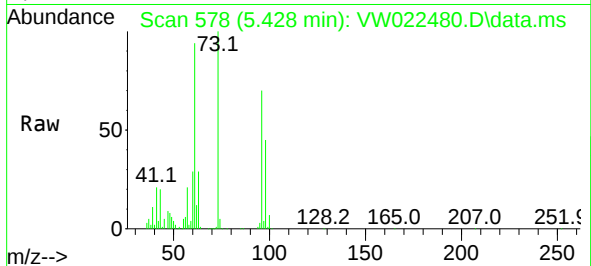




#17
trans-1,2-Dichloroethene
Concen: 20.561 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

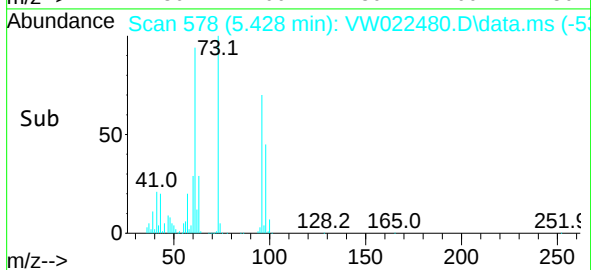
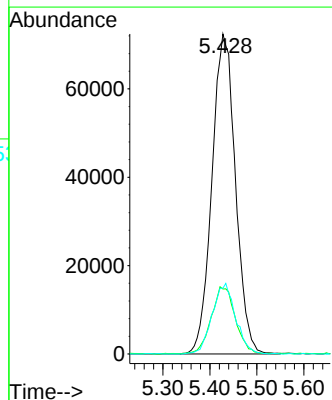
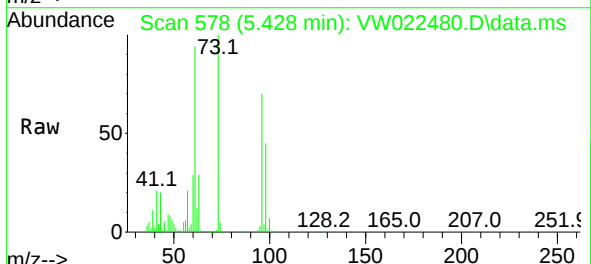
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

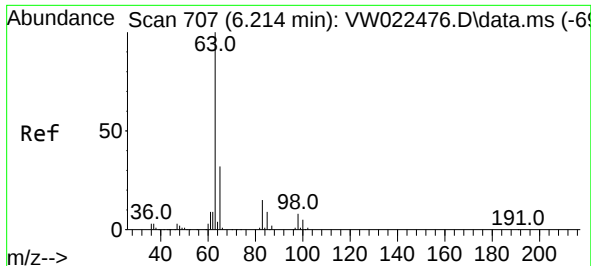
Tgt Ion: 96 Resp: 149776
Ion Ratio Lower Upper
96 100
61 135.8 99.8 185.4
98 64.5 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 21.173 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 73 Resp: 251900
Ion Ratio Lower Upper
73 100
43 21.3 18.8 28.2
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 19.934 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

ETNQ5MSD

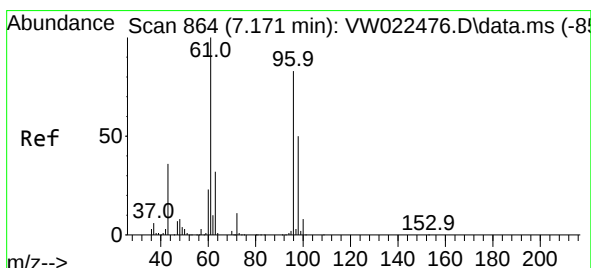
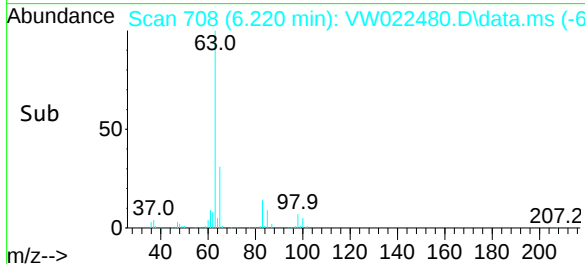
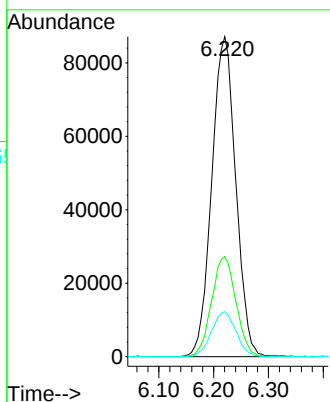
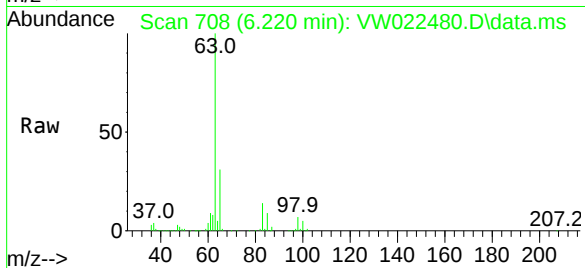
Tgt Ion: 63 Resp: 264964

Ion Ratio Lower Upper

63 100

65 31.3 21.1 39.3

83 14.1 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 21.369 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

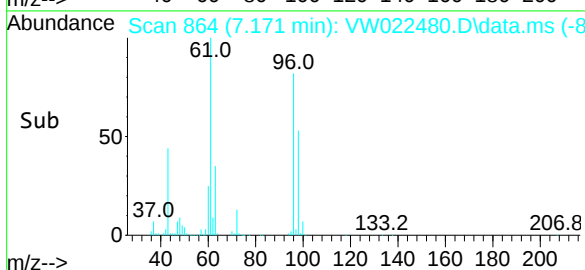
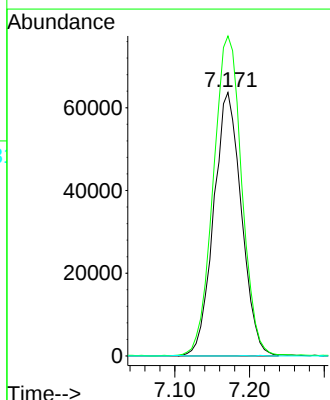
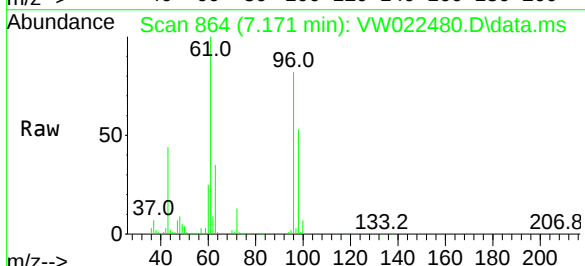
Tgt Ion: 96 Resp: 164407

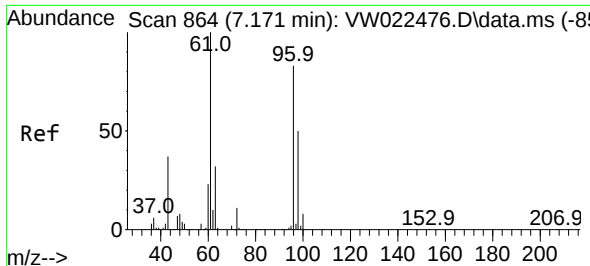
Ion Ratio Lower Upper

96 100

61 121.4 96.4 179.0

68 0.0 0.1 0.3

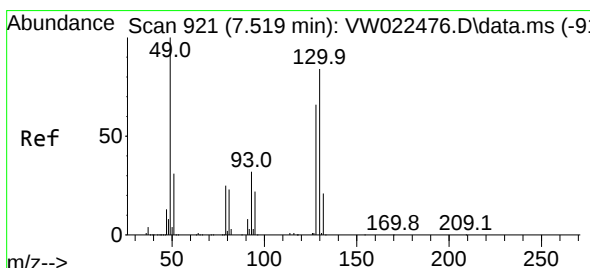
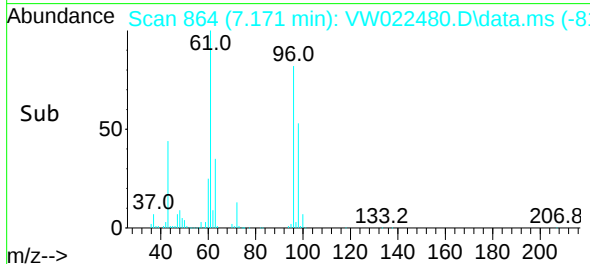
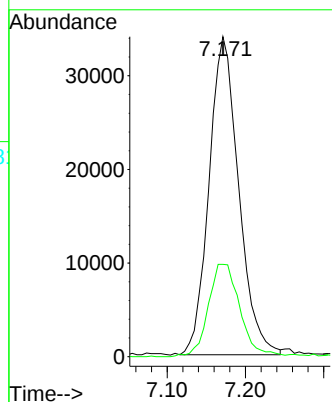
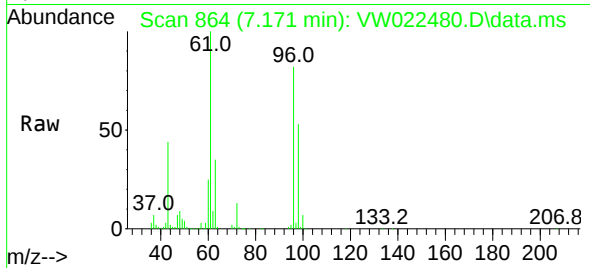




#22
2-Butanone
Concen: 48.793 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

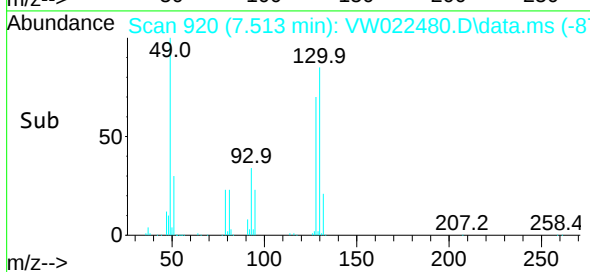
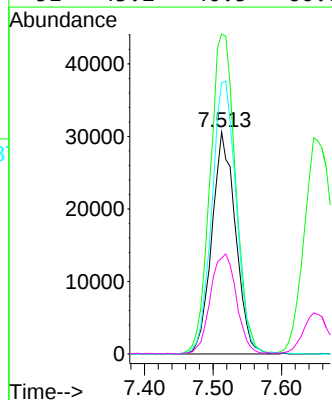
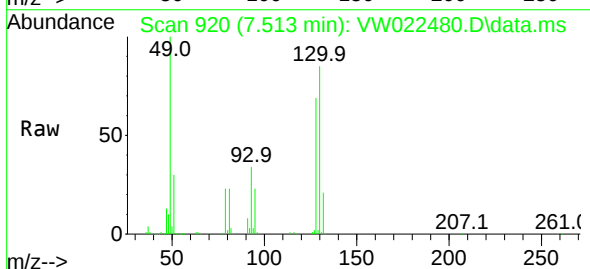
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

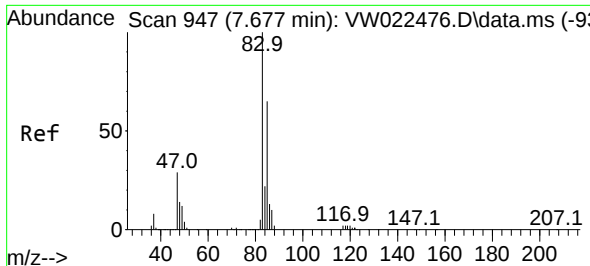
Tgt Ion: 43 Resp: 89438
Ion Ratio Lower Upper
43 100
72 30.7 14.0 42.0



#23
Bromochloromethane
Concen: 22.091 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 128 Resp: 73146
Ion Ratio Lower Upper
128 100
49 144.3 120.8 224.3
130 122.2 81.8 151.8
51 43.2 40.5 60.7

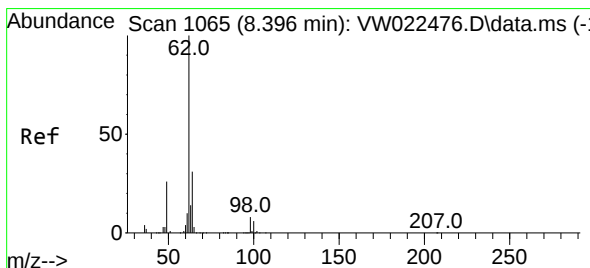
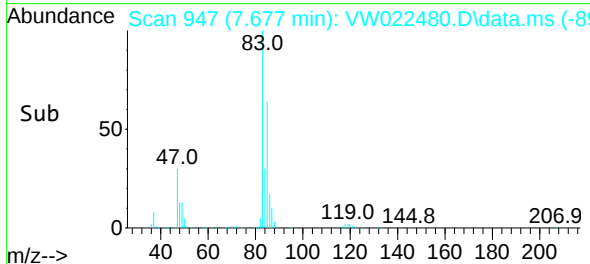
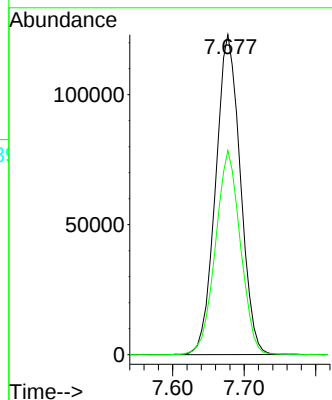
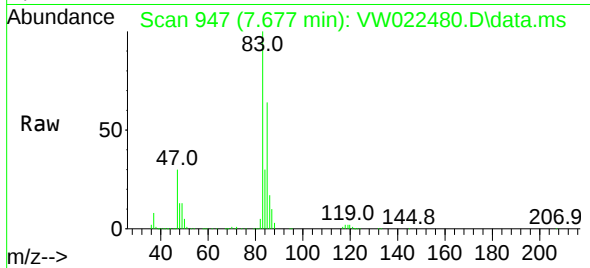




#25
Chloroform
Concen: 21.060 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

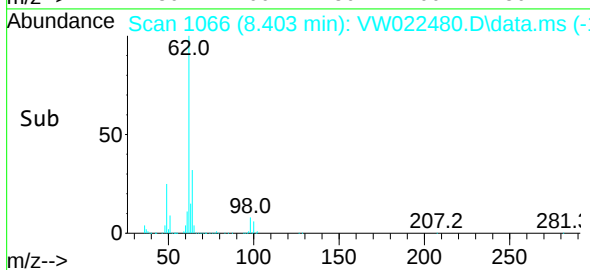
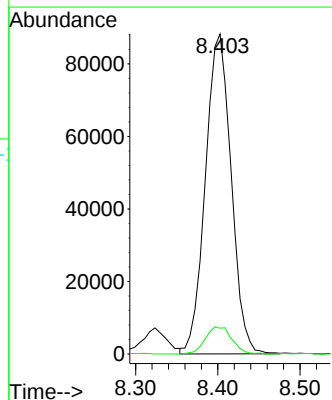
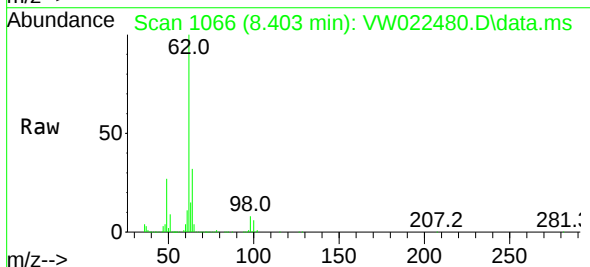
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

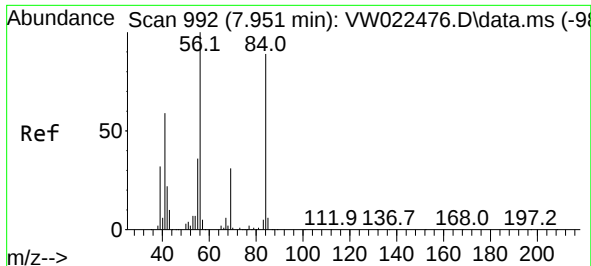
Tgt Ion: 83 Resp: 294831
Ion Ratio Lower Upper
83 100
85 63.8 45.8 85.0



#27
1,2-Dichloroethane
Concen: 19.533 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 62 Resp: 192195
Ion Ratio Lower Upper
62 100
98 8.1 6.2 9.2





#29

Cyclohexane

Concen: 18.899 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

ETNQ5MSD

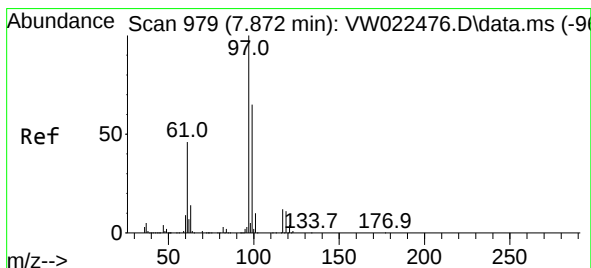
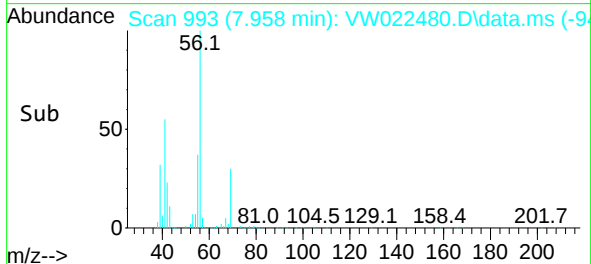
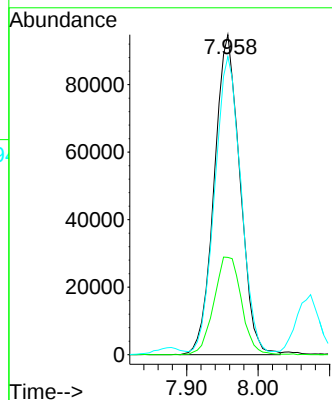
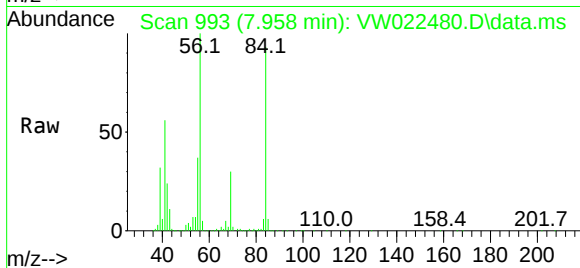
Tgt Ion: 56 Resp: 236743

Ion Ratio Lower Upper

56 100

69 32.6 24.4 36.6

84 95.5 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 21.100 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

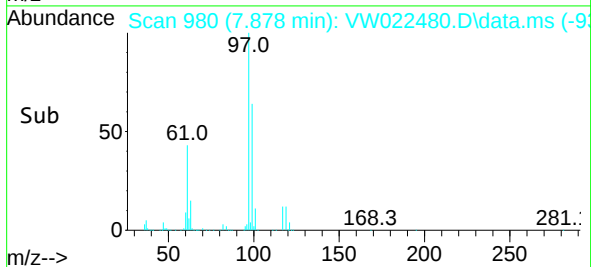
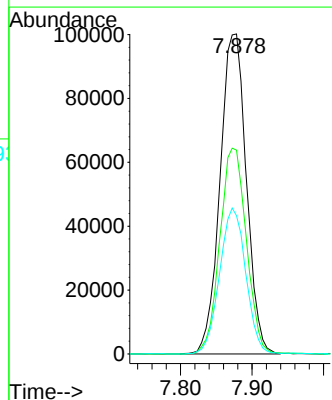
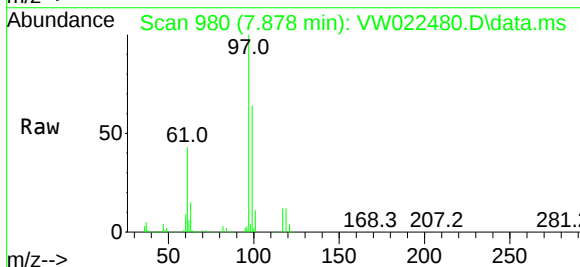
Tgt Ion: 97 Resp: 256187

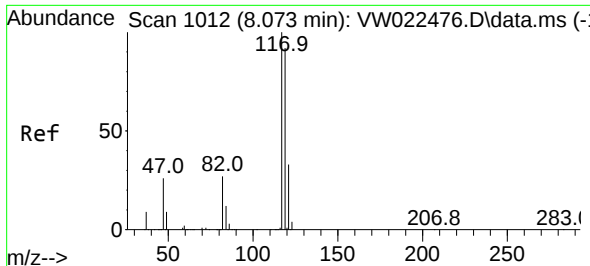
Ion Ratio Lower Upper

97 100

99 64.9 51.7 77.5

61 45.4 38.7 58.1

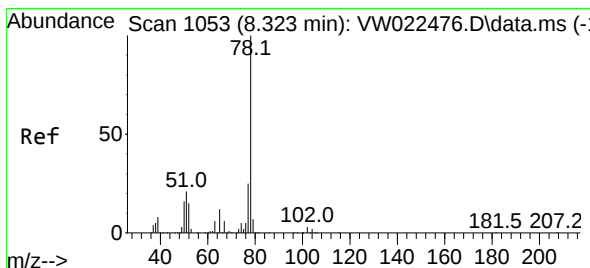
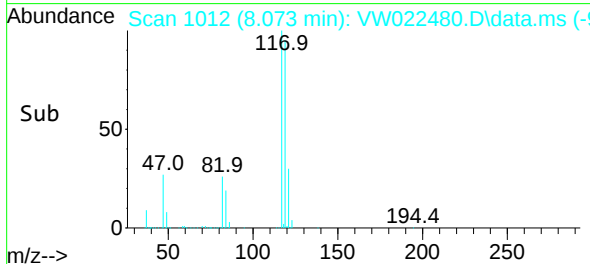
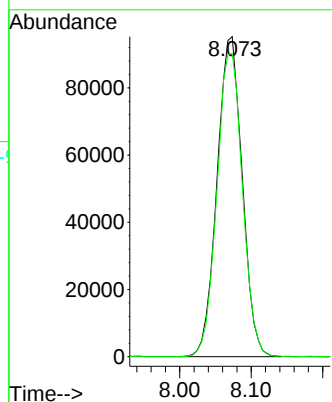
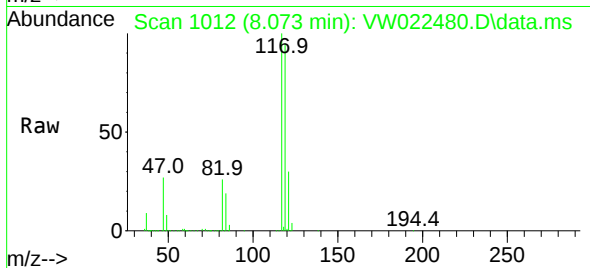




#31
Carbon tetrachloride
Concen: 21.374 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

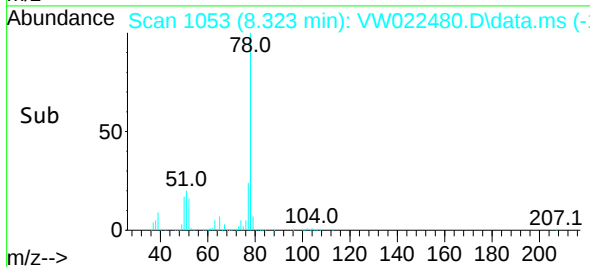
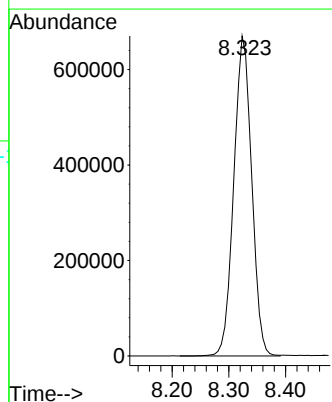
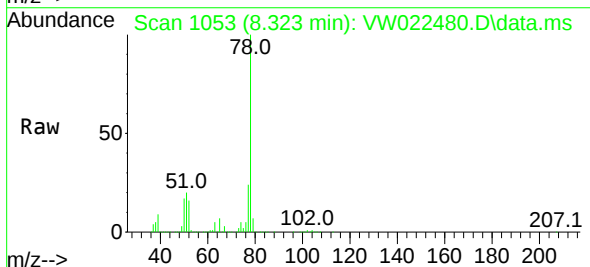
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

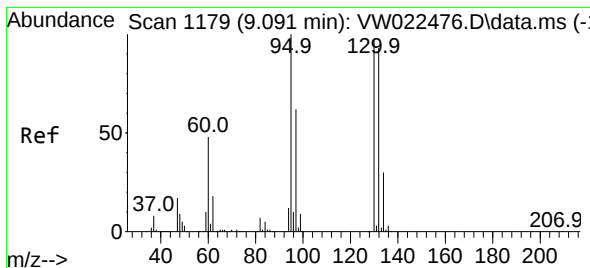
Tgt Ion:117 Resp: 232912
Ion Ratio Lower Upper
117 100
119 96.3 75.5 113.3



#33
Benzene
Concen: 49.398 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 78 Resp: 1467918





#34

Trichloroethene

Concen: 20.975 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

ETNQ5MSD

Tgt Ion: 95 Resp: 166895

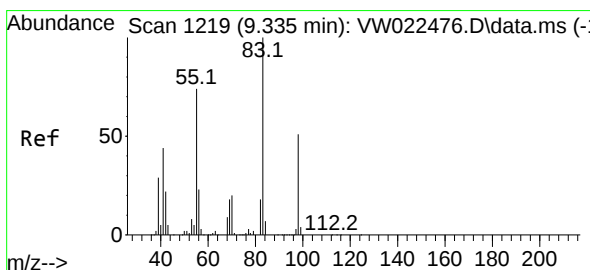
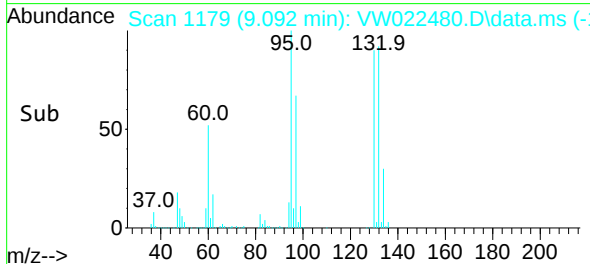
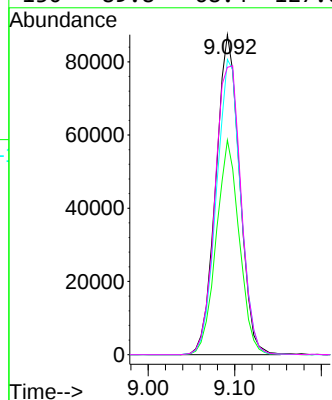
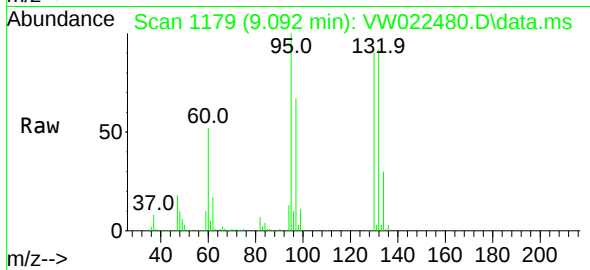
Ion Ratio Lower Upper

95 100

97 67.1 46.4 86.2

132 92.2 67.4 125.2

130 89.8 68.4 127.0



#35

Methylcyclohexane

Concen: 19.863 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

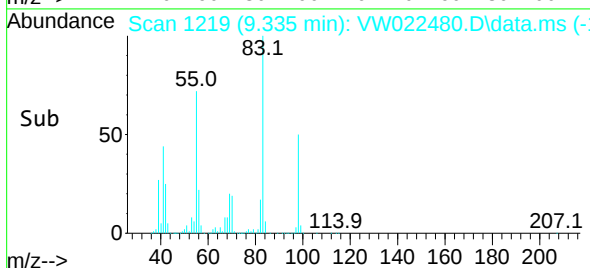
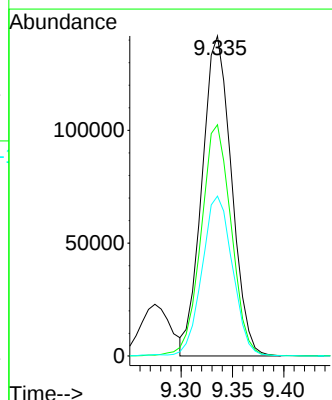
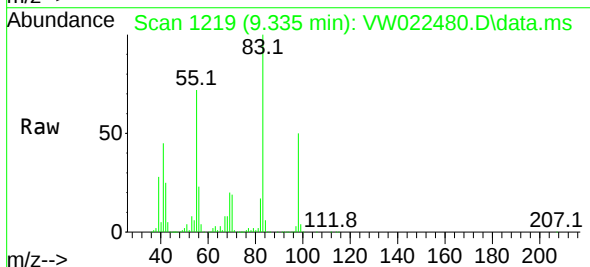
Tgt Ion: 83 Resp: 283553

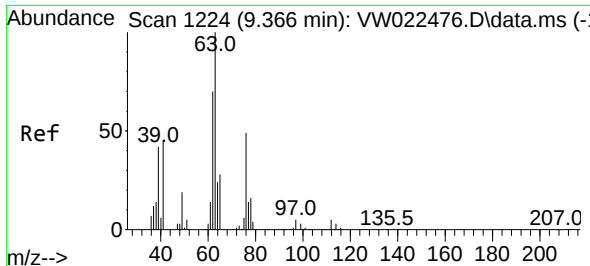
Ion Ratio Lower Upper

83 100

55 73.7 61.0 91.6

98 51.5 39.2 58.8





#37

1,2-Dichloropropane

Concen: 20.656 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

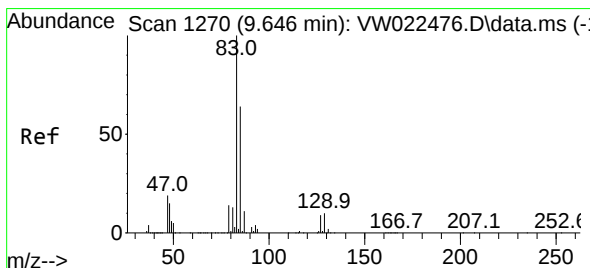
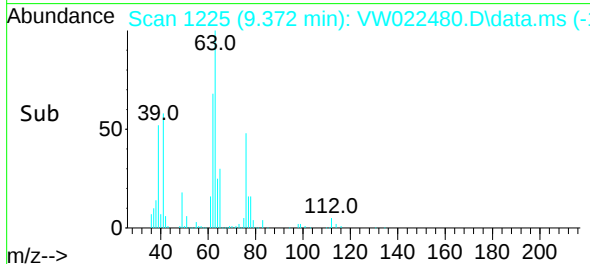
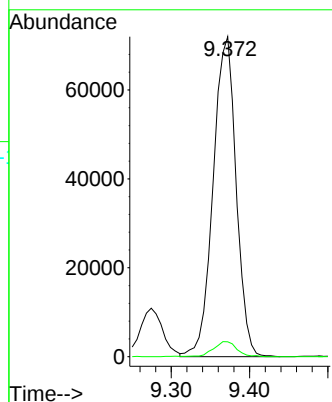
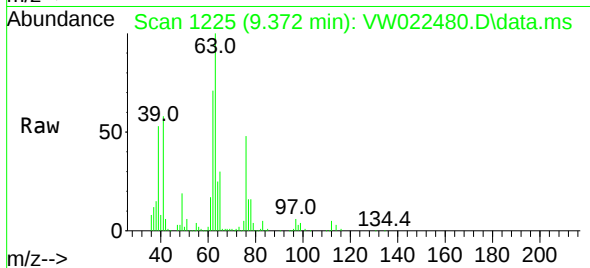
ETNQ5MSD

Tgt Ion: 63 Resp: 147053

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 21.114 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

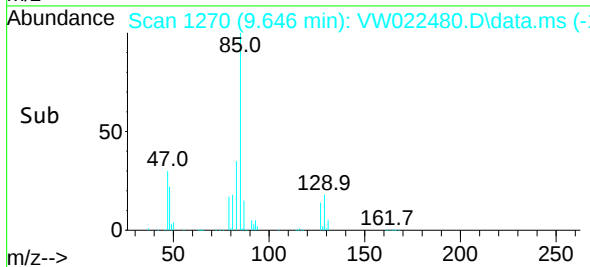
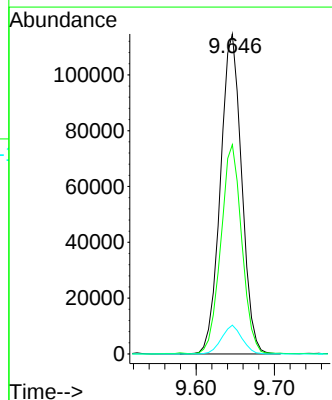
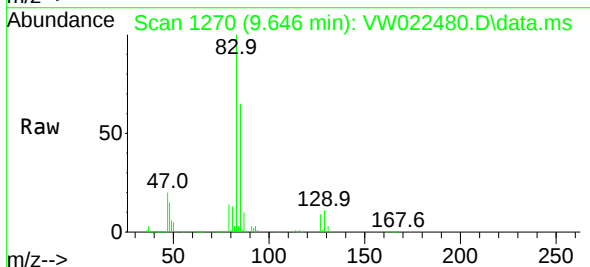
Tgt Ion: 83 Resp: 216151

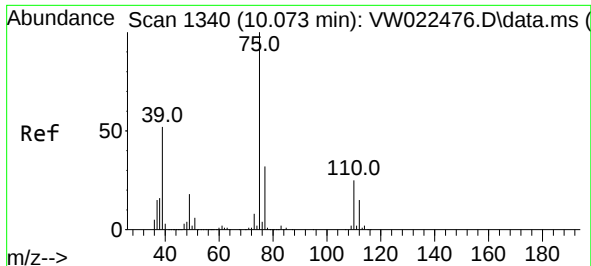
Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0

127 9.0 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 21.326 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

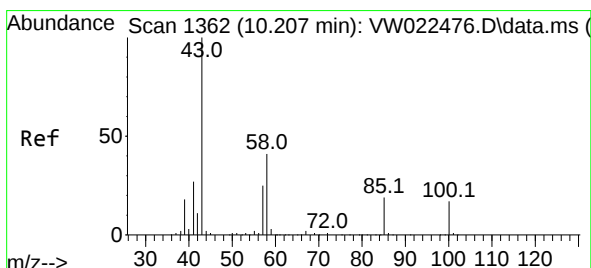
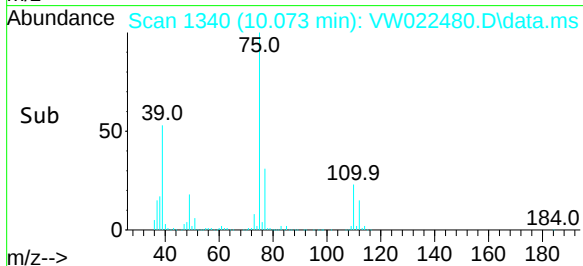
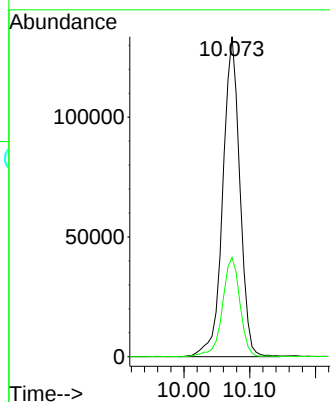
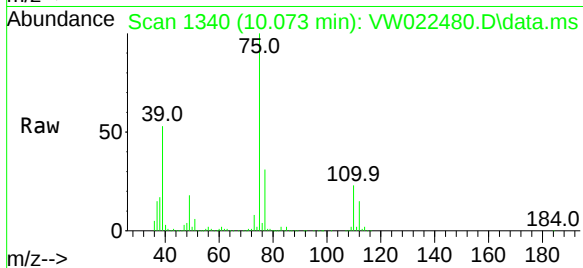
ETNQ5MSD

Tgt Ion: 75 Resp: 240912

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 41.501 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

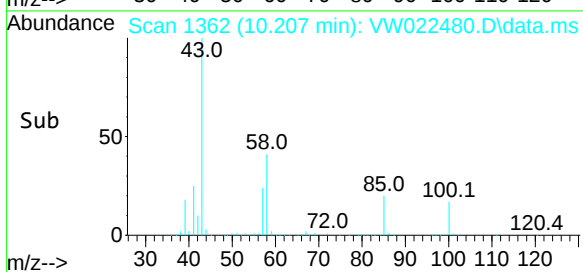
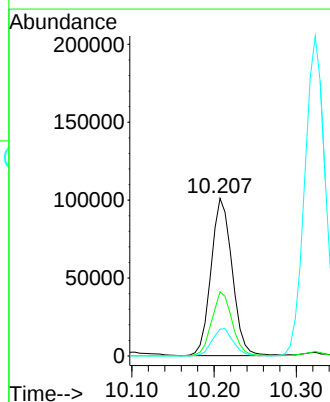
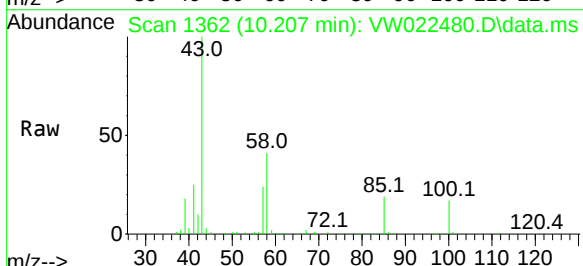
Tgt Ion: 43 Resp: 180302

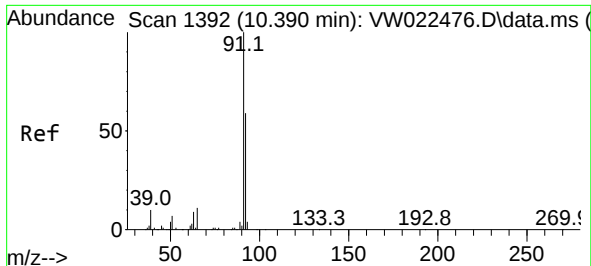
Ion Ratio Lower Upper

43 100

58 39.4 29.3 43.9

100 17.6 12.2 18.4

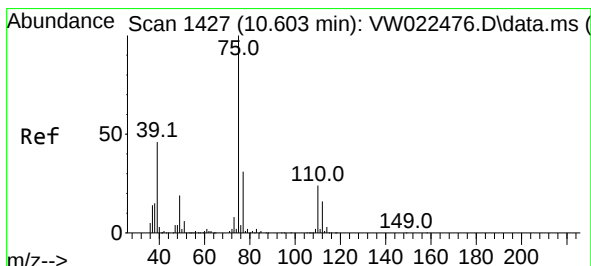
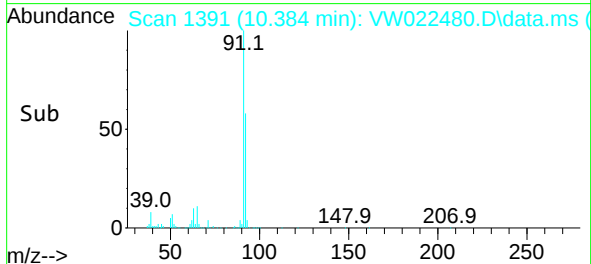
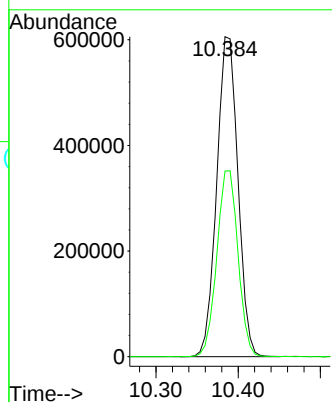
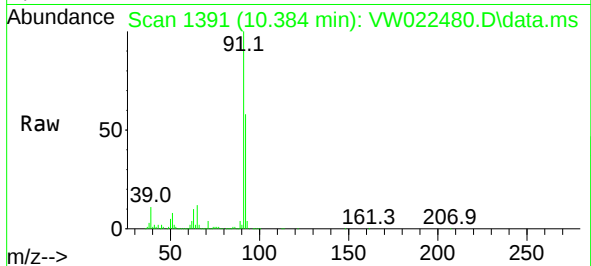




#42
Toluene
Concen: 31.920 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

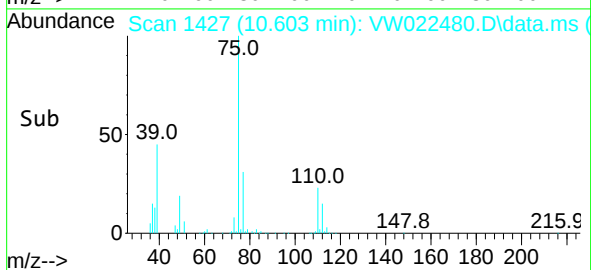
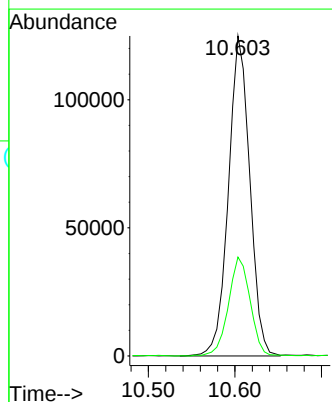
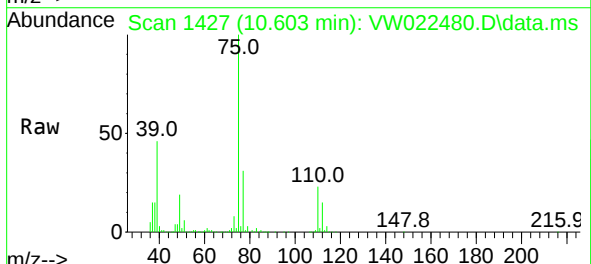
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

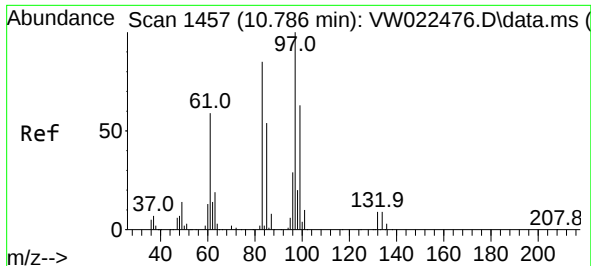
Tgt Ion: 91 Resp: 1086922
Ion Ratio Lower Upper
91 100
92 58.0 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 21.141 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 75 Resp: 213837
Ion Ratio Lower Upper
75 100
77 30.9 21.3 39.6



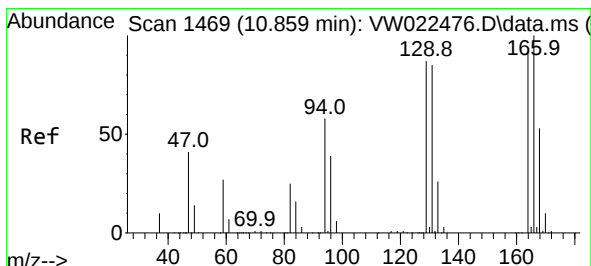
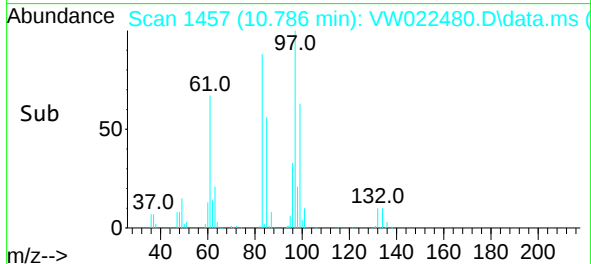
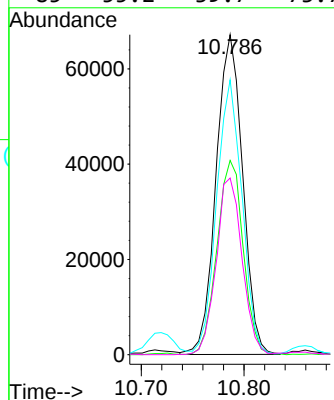
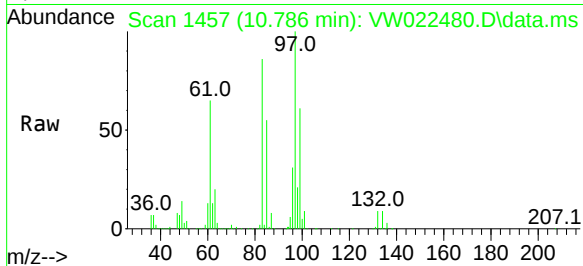


#45
1,1,2-Trichloroethane
Concen: 22.153 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

Tgt Ion: 97 Resp: 120360

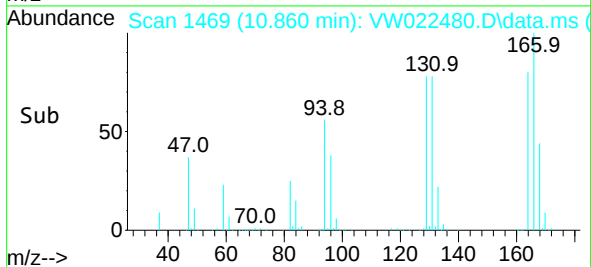
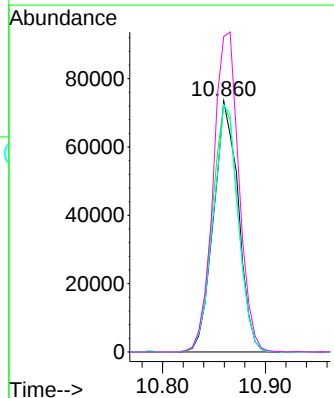
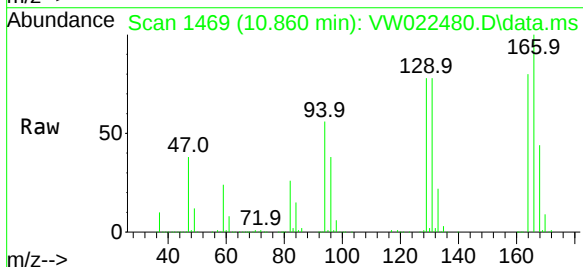
Ion	Ratio	Lower	Upper
97	100		
99	60.7	46.0	85.4
83	85.9	60.6	112.6
85	55.2	39.7	73.7

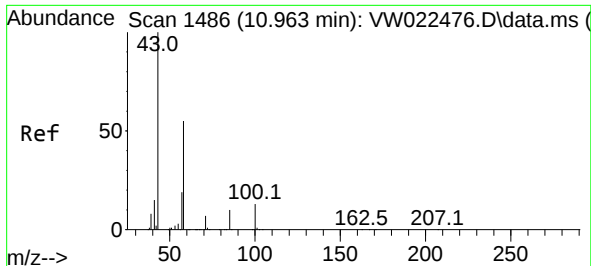


#46
Tetrachloroethene
Concen: 21.013 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 164 Resp: 122901

Ion	Ratio	Lower	Upper
164	100		
129	98.6	74.1	137.7
131	98.4	71.4	132.6
166	125.7	95.9	178.1

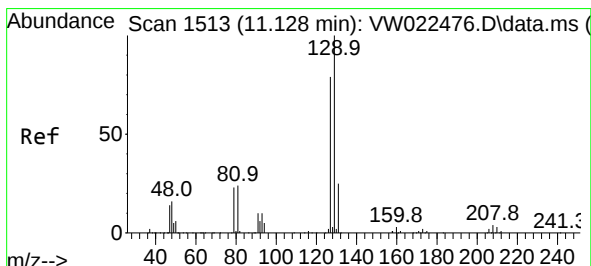
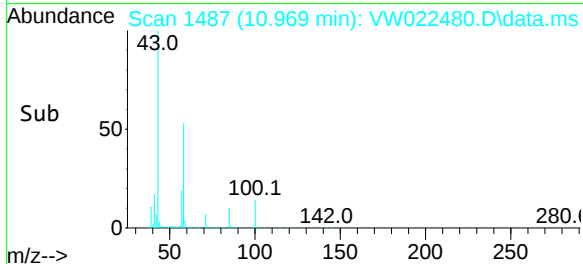
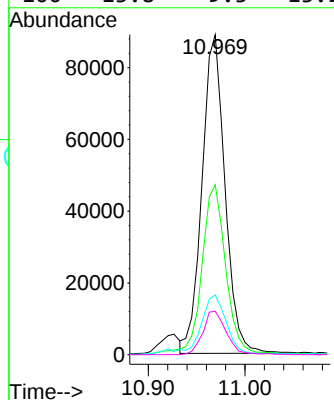
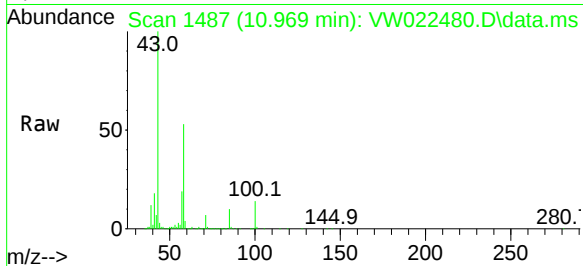




#48
2-Hexanone
Concen: 47.909 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

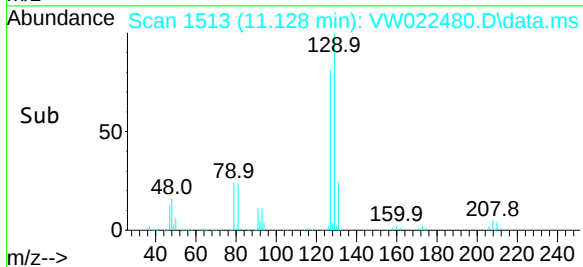
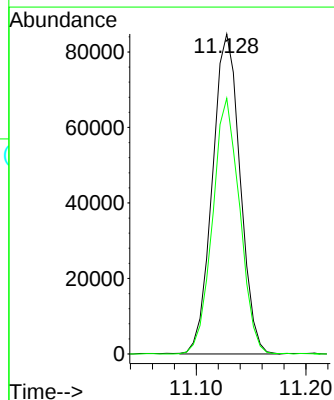
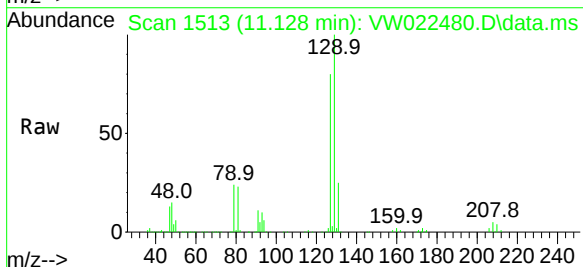
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

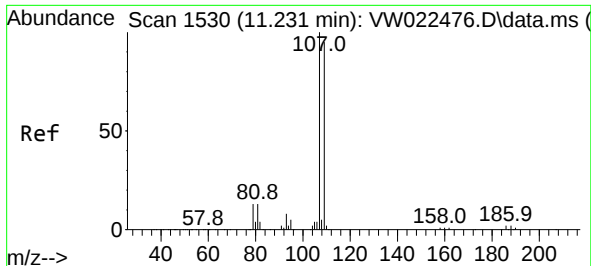
Tgt Ion: 43 Resp: 146841
Ion Ratio Lower Upper
43 100
58 56.0 41.6 62.4
57 20.3 14.5 21.7
100 13.8 9.3 13.9



#49
Dibromochloromethane
Concen: 22.985 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 129 Resp: 148936
Ion Ratio Lower Upper
129 100
127 79.9 52.6 97.6

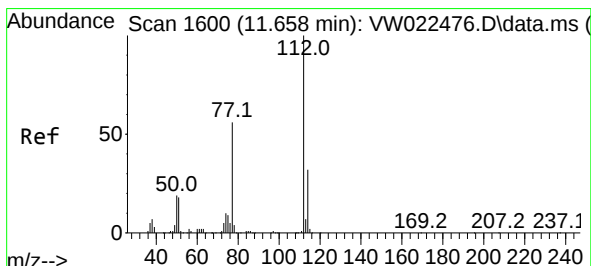
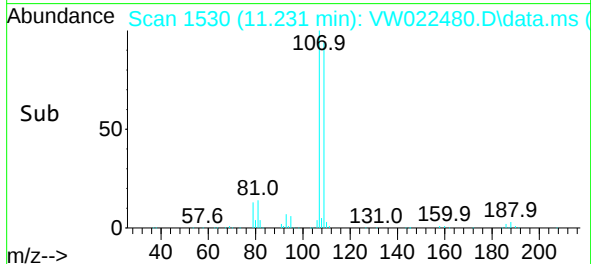
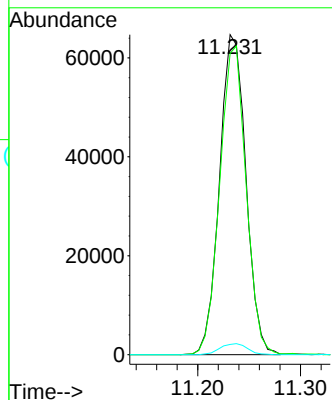
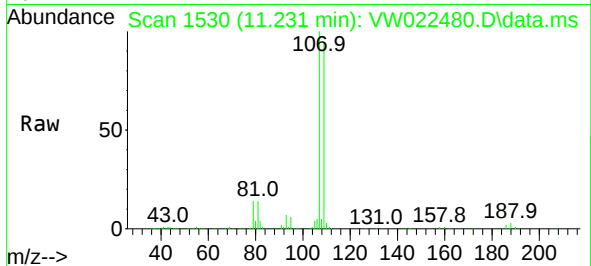




#50
1,2-Dibromoethane
Concen: 21.483 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

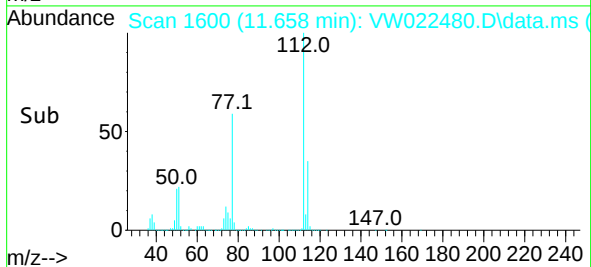
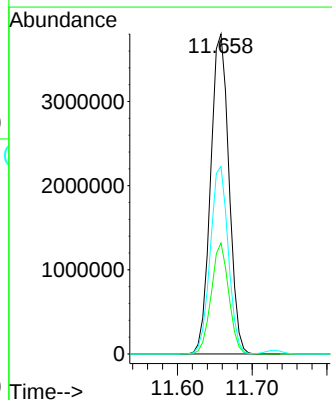
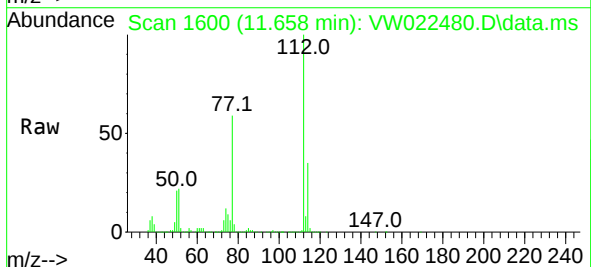
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

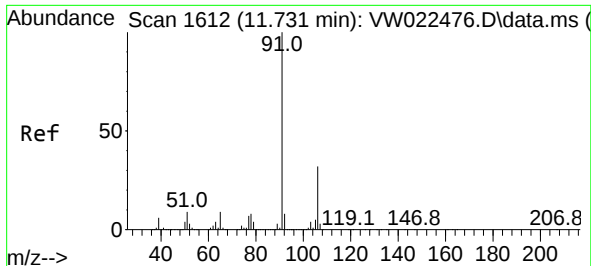
Tgt Ion:107 Resp: 115257
Ion Ratio Lower Upper
107 100
109 94.1 68.2 126.6
188 3.2 2.8 4.2



#51
Chlorobenzene
Concen: 311.470 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion:112 Resp: 6481251
Ion Ratio Lower Upper
112 100
114 34.7 20.5 38.1
77 58.6 48.1 72.1

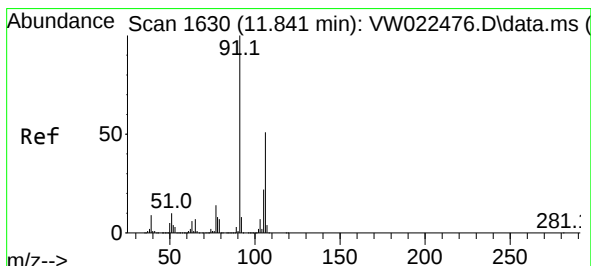
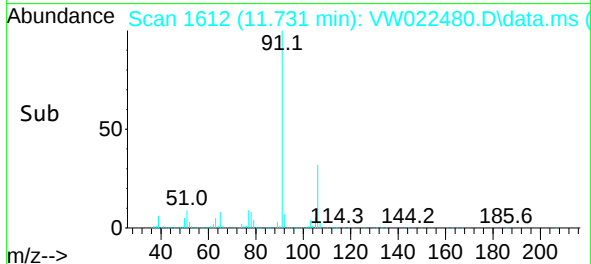
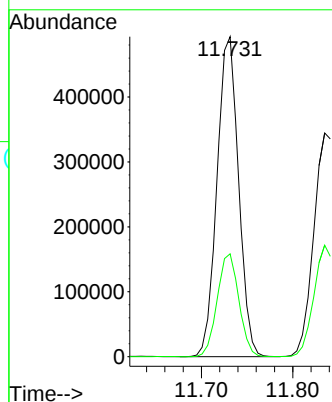
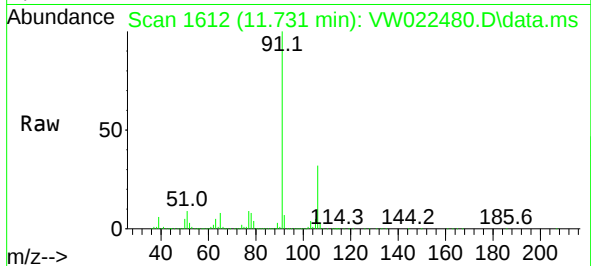




#52
Ethylbenzene
Concen: 21.165 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

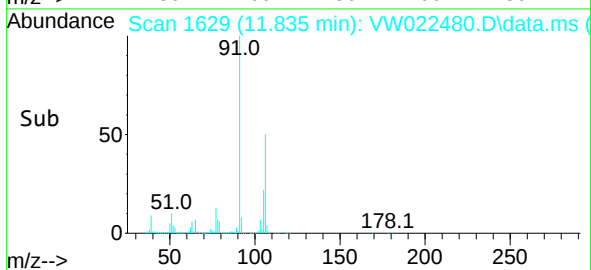
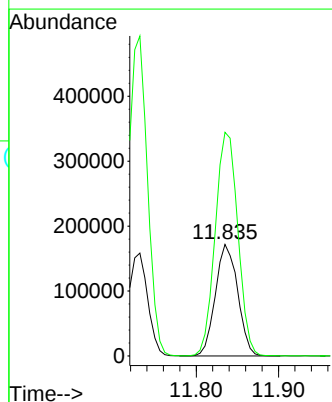
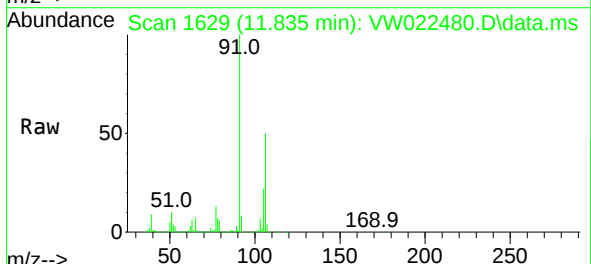
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

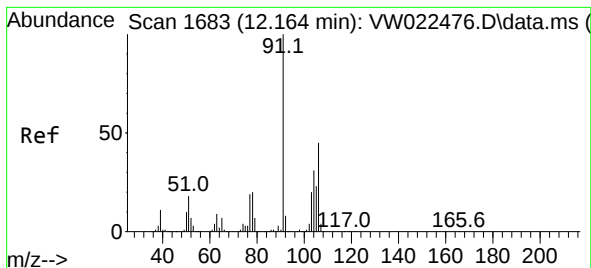
Tgt Ion: 91 Resp: 807819
Ion Ratio Lower Upper
91 100
106 32.1 20.5 38.1



#53
m,p-Xylene
Concen: 22.348 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 106 Resp: 324321
Ion Ratio Lower Upper
106 100
91 200.4 149.9 278.5





#54

o-Xylene

Concen: 22.460 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

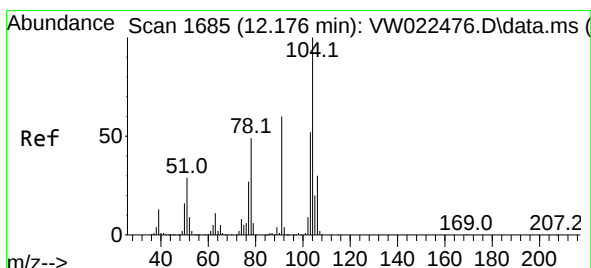
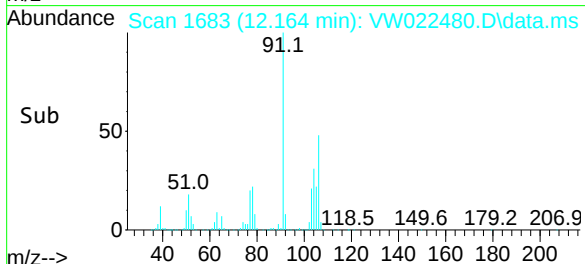
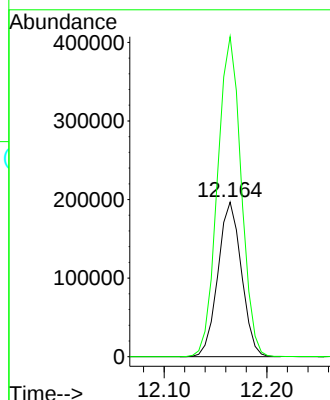
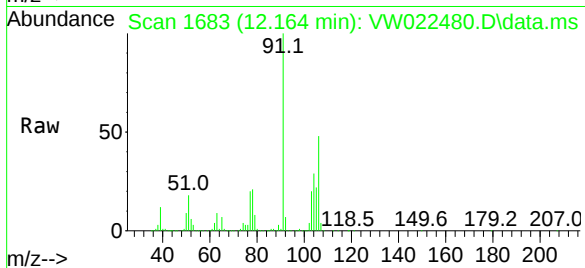
ETNQ5MSD

Tgt Ion:106 Resp: 311475

Ion Ratio Lower Upper

106 100

91 207.1 155.3 288.3



#55

Styrene

Concen: 21.299 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022480.D

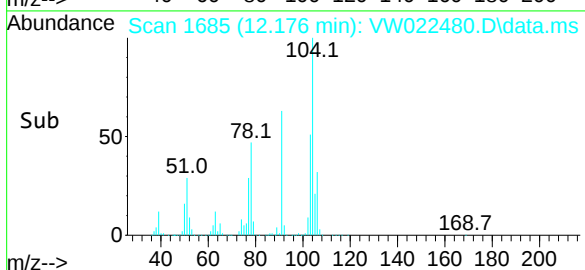
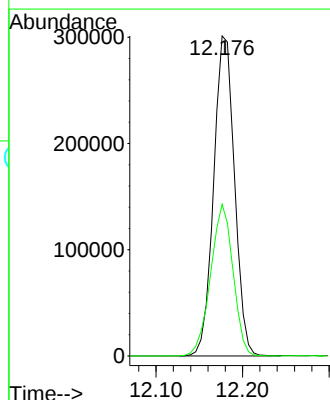
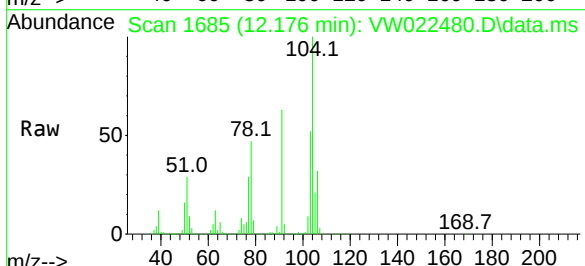
Acq: 11 Apr 2022 14:00

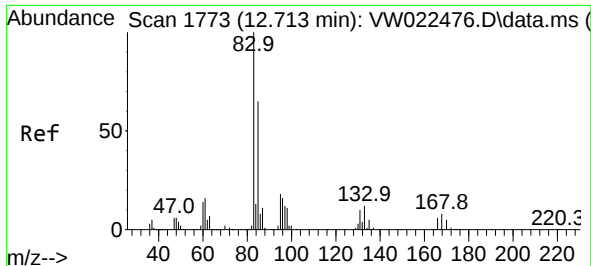
Tgt Ion:104 Resp: 504664

Ion Ratio Lower Upper

104 100

78 47.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.010 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

ETNQ5MSD

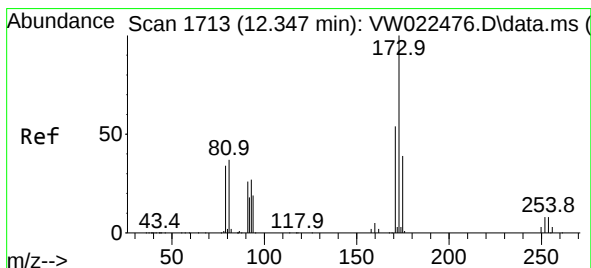
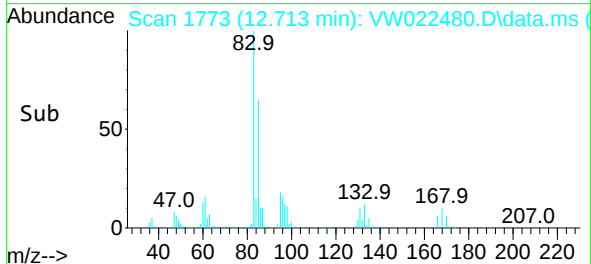
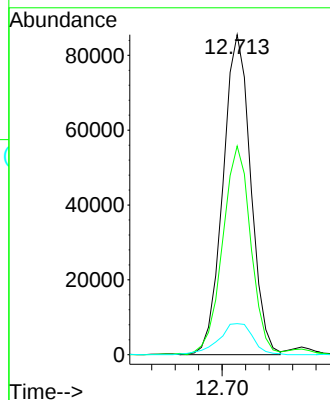
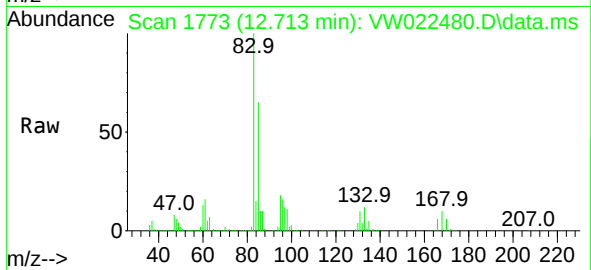
Tgt Ion: 83 Resp: 140107

Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5

131 9.7 7.8 11.8



#59

Bromoform

Concen: 22.623 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

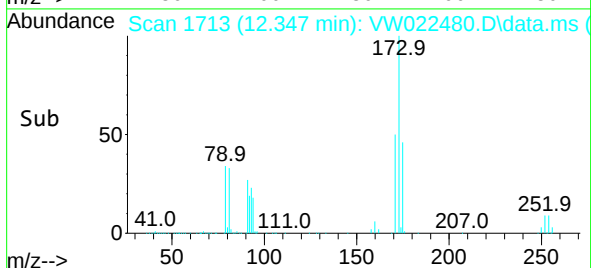
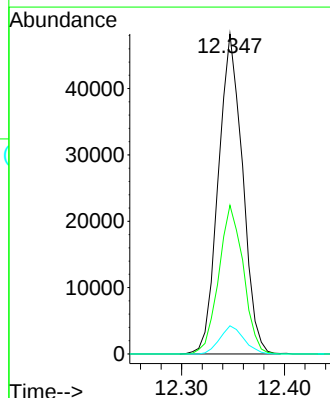
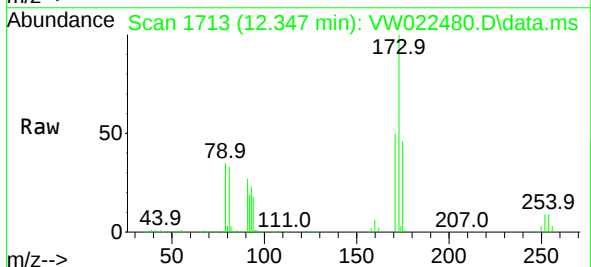
Tgt Ion: 173 Resp: 78916

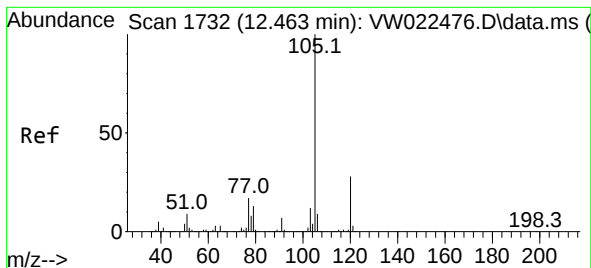
Ion Ratio Lower Upper

173 100

175 47.1 39.2 58.8

254 8.7 6.6 9.8





#60

Isopropylbenzene

Concen: 21.053 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

ETNQ5MSD

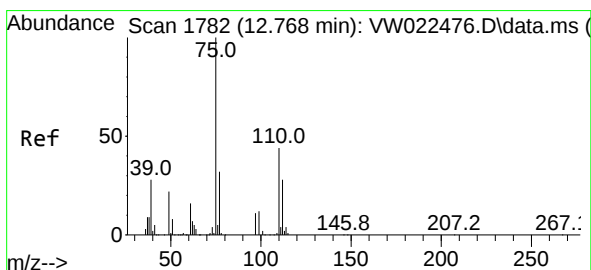
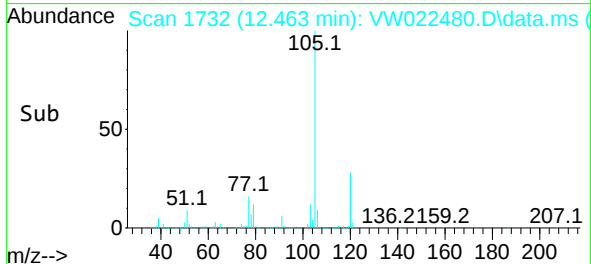
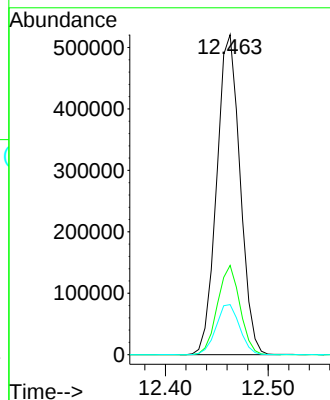
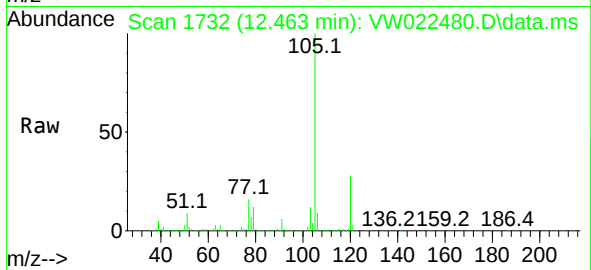
Tgt Ion:105 Resp: 820985

Ion Ratio Lower Upper

105 100

120 26.9 20.9 31.3

77 15.9 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 20.992 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

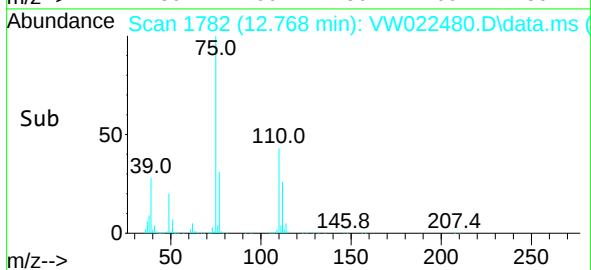
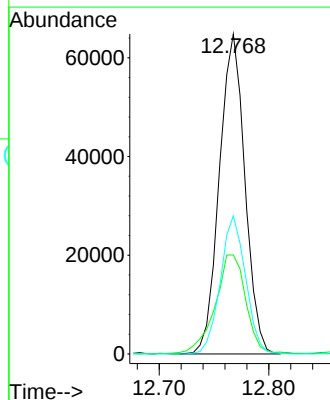
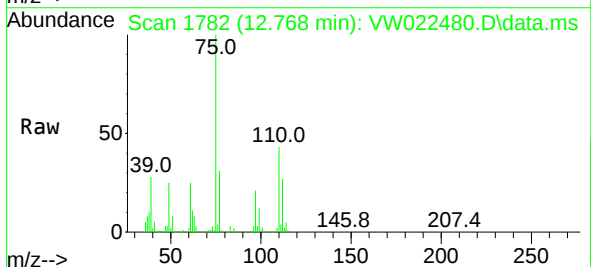
Tgt Ion: 75 Resp: 104825

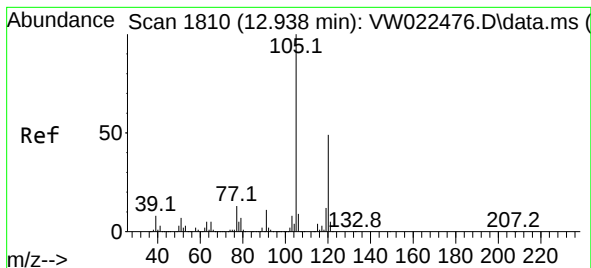
Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5

110 42.6 31.8 47.6

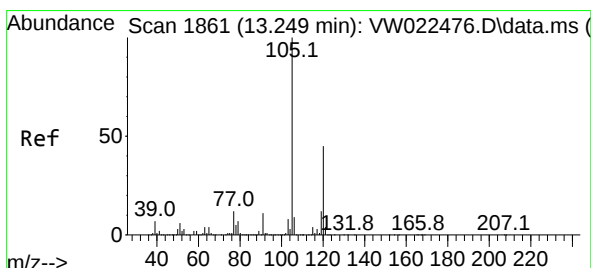
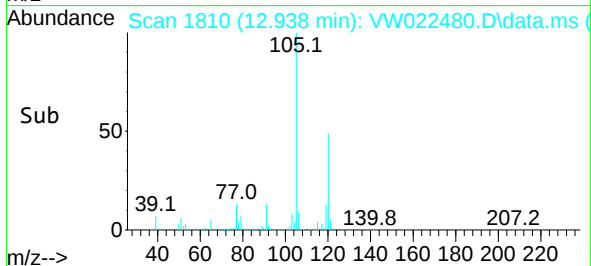
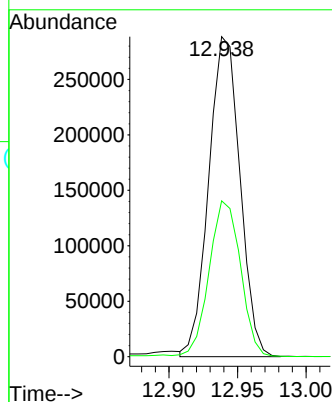
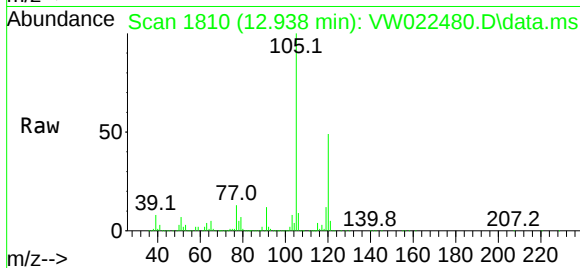




#62
 1,3,5-Trimethylbenzene
 Concen: 21.347 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

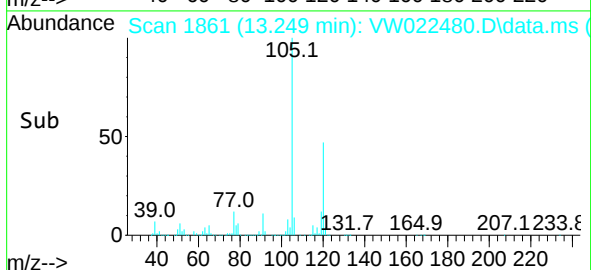
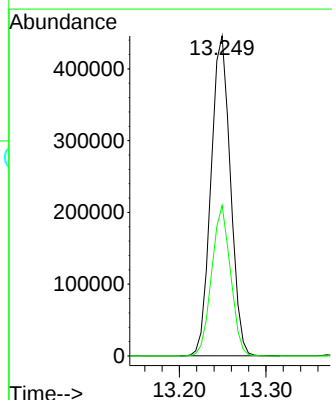
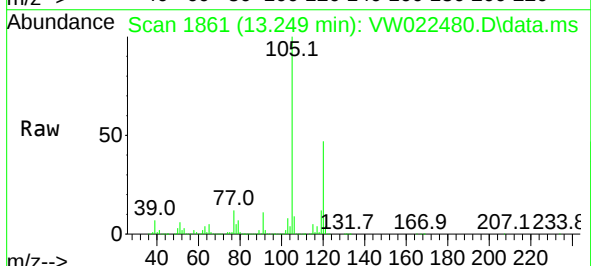
Instrument :
 MSVOA_W
 ClientSampleId :
 ETNQ5MSD

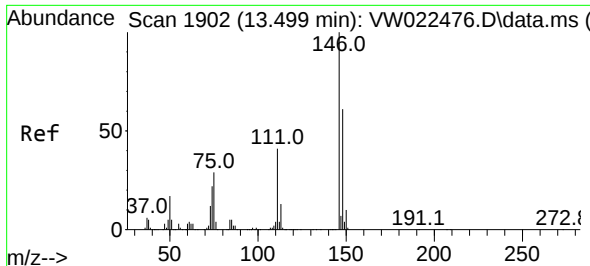
Tgt Ion:105 Resp: 457799
 Ion Ratio Lower Upper
 105 100
 120 48.8 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 21.299 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022480.D
 Acq: 11 Apr 2022 14:00

Tgt Ion:105 Resp: 694592
 Ion Ratio Lower Upper
 105 100
 120 45.7 34.2 51.2

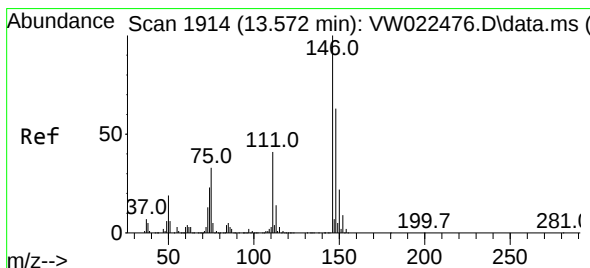
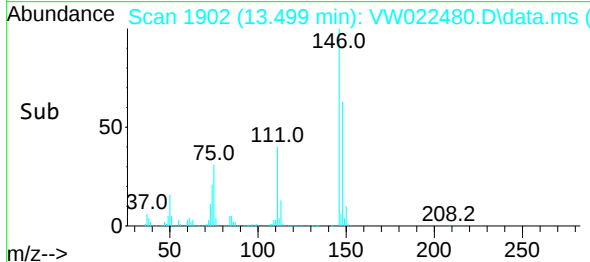
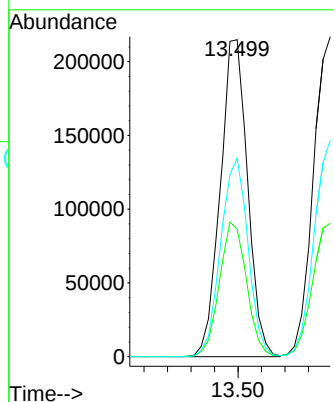
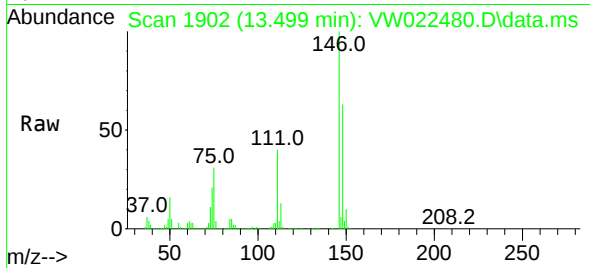




#64
1,3-Dichlorobenzene
Concen: 21.930 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

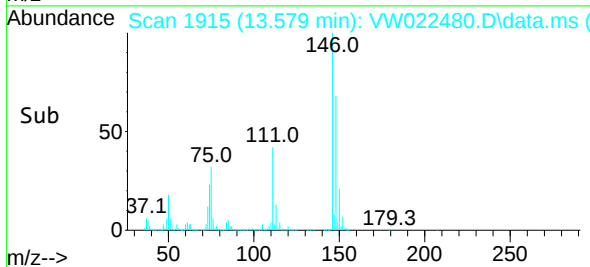
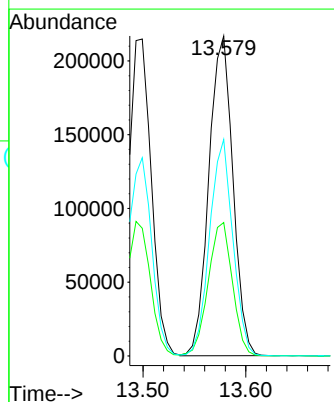
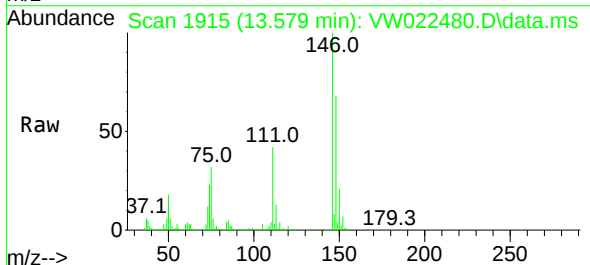
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

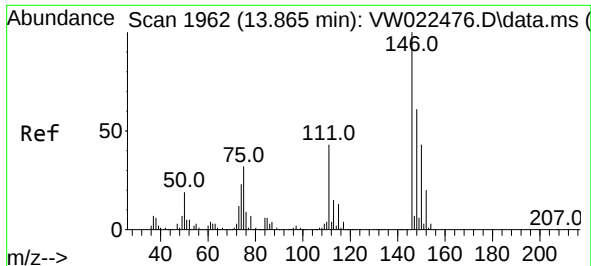
Tgt Ion:146 Resp: 347075
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 62.5 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 22.293 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion:146 Resp: 351872
Ion Ratio Lower Upper
146 100
111 41.7 28.5 52.9
148 67.7 44.4 82.4

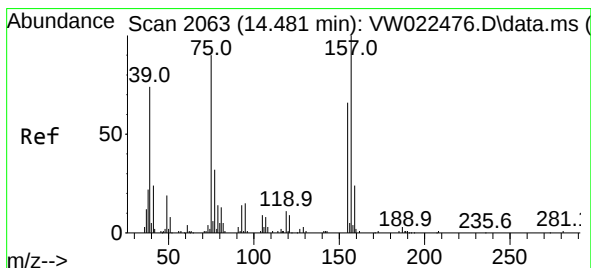
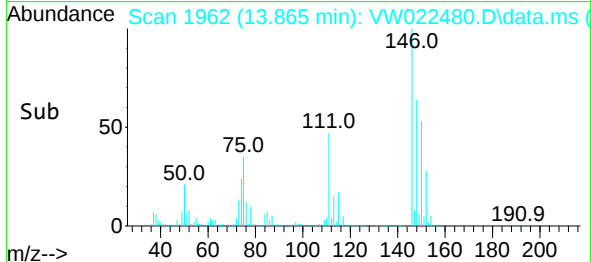
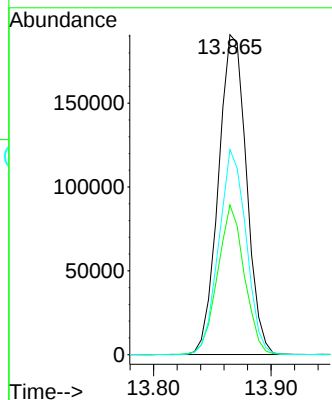
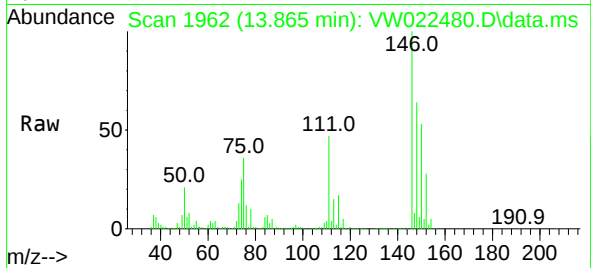




#67
1,2-Dichlorobenzene
Concen: 22.365 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

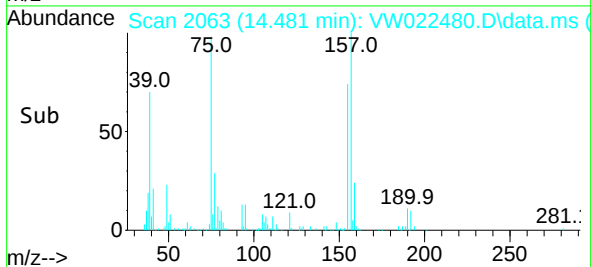
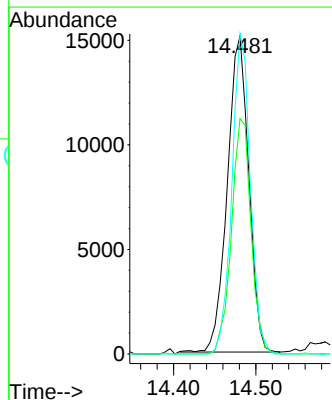
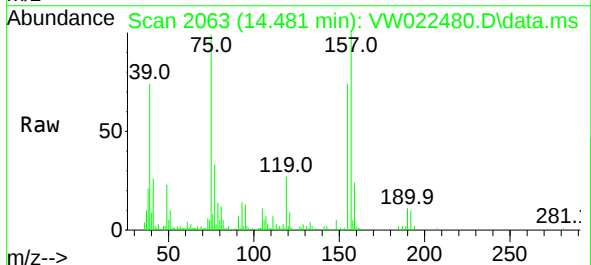
Instrument :
MSVOA_W
ClientSampleId :
ETNQ5MSD

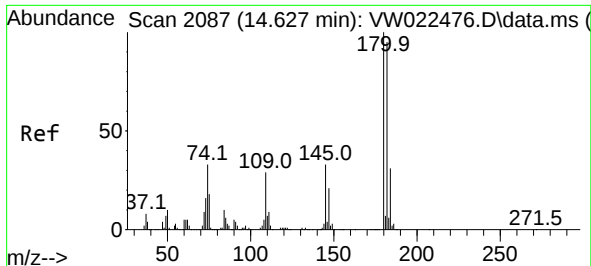
Tgt Ion:146 Resp: 316545
Ion Ratio Lower Upper
146 100
111 46.7 39.0 58.4
148 64.1 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 23.607 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022480.D
Acq: 11 Apr 2022 14:00

Tgt Ion: 75 Resp: 27341
Ion Ratio Lower Upper
75 100
155 74.0 55.6 83.4
157 100.6 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 22.119 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

ETNQ5MSD

Tgt Ion:180 Resp: 228403

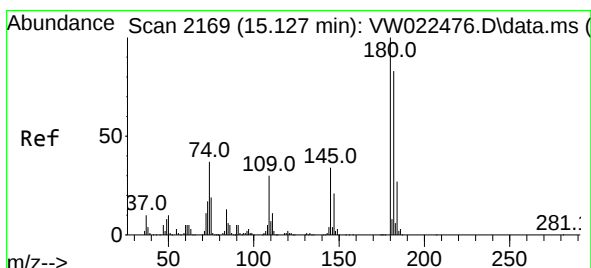
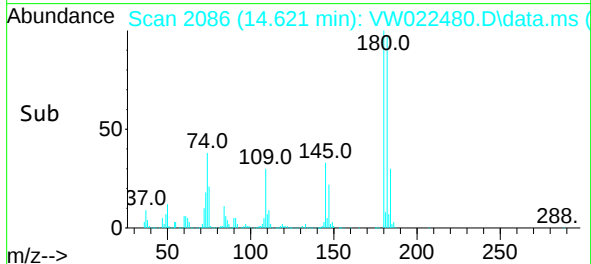
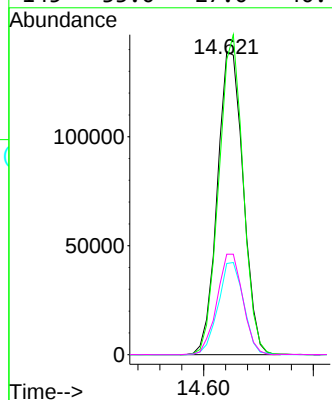
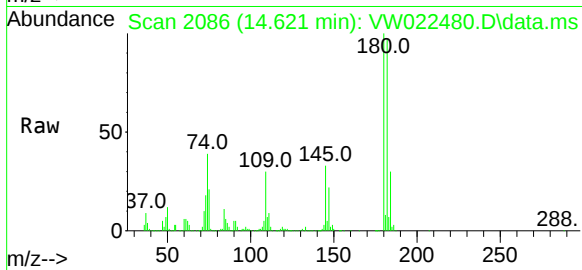
Ion Ratio Lower Upper

180 100

182 98.6 79.1 118.7

184 30.0 24.5 36.7

145 33.0 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 22.096 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

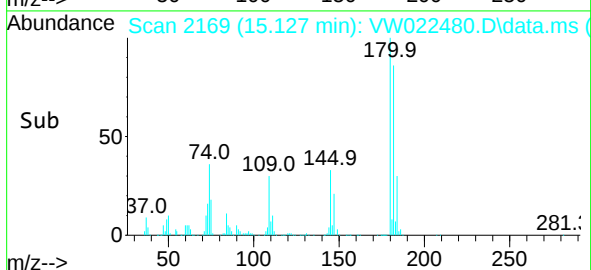
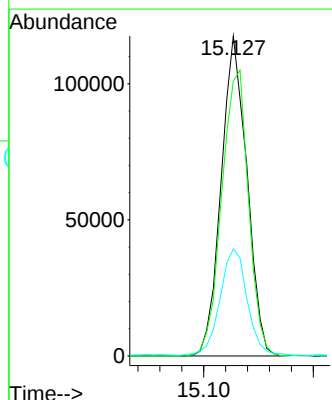
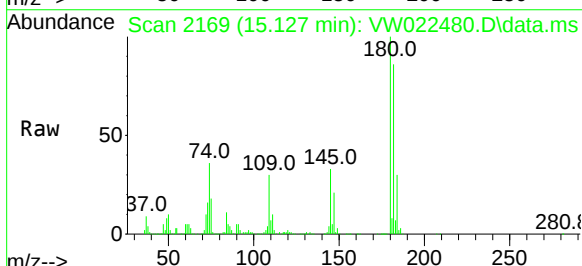
Tgt Ion:180 Resp: 191618

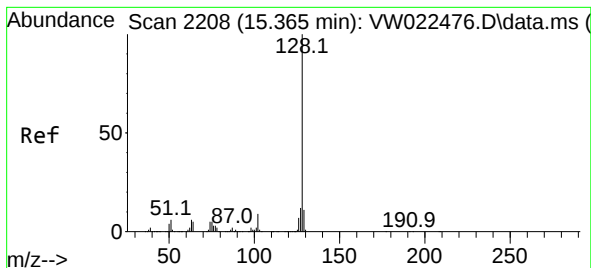
Ion Ratio Lower Upper

180 100

182 92.9 72.8 109.2

145 34.9 25.5 38.3





#71

Naphthalene

Concen: 21.504 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Instrument :

MSVOA_W

ClientSampleId :

ETNQ5MSD

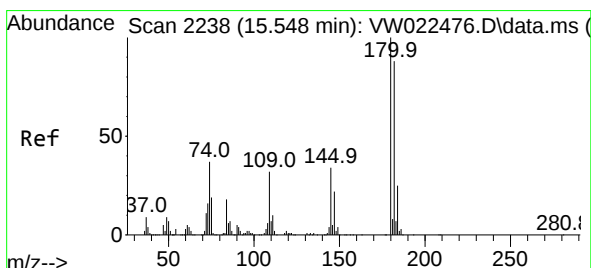
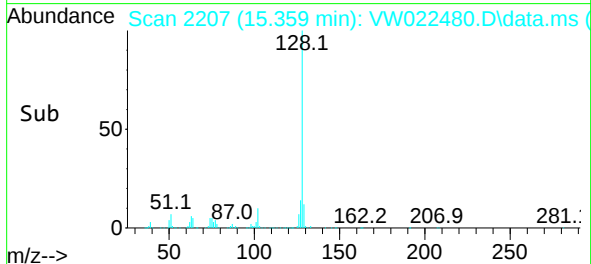
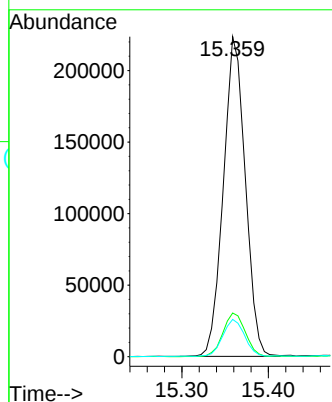
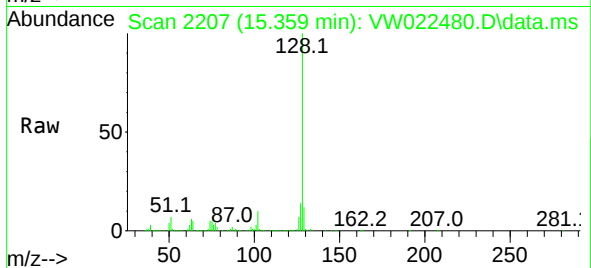
Tgt Ion:128 Resp: 393337

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 11.4 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 21.468 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022480.D

Acq: 11 Apr 2022 14:00

Tgt Ion:180 Resp: 159137

Ion Ratio Lower Upper

180 100

182 95.6 73.4 110.0

145 40.5 27.0 40.6

