

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042822\
 Data File : VW022672.D
 Acq On : 28 Apr 2022 19:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 01:12:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 01:08:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	285581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	282458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	160831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120966	19.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.640%
7) Chloroethane-d5	2.891	69	88914	22.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
11) 1,1-Dichloroethene-d2	4.019	63	181372	22.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.600%
21) 2-Butanone-d5	7.080	46	53973	48.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.940%
24) Chloroform-d	7.647	84	226462	25.370	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.480%
26) 1,2-Dichloroethane-d4	8.305	65	114161	22.384	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.520%
32) Benzene-d6	8.275	84	407062	23.588	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.360%
36) 1,2-Dichloropropane-d6	9.274	67	119910	24.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.040%
41) Toluene-d8	10.323	98	394216	23.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	10.579	79	50774	21.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.160%
47) 2-Hexanone-d5	10.921	63	44192	47.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	108614	25.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	140960	24.744	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35658	25.471	ug/L	99
3) Chloromethane	2.221	50	76730	21.983	ug/L	96
5) Vinyl chloride	2.361	62	157278	21.595	ug/L	97
6) Bromomethane	2.782	94	95868	21.654	ug/L	97
8) Chloroethane	2.922	64	78553	24.637	ug/L	100
9) Trichlorofluoromethane	3.257	101	82216	30.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117557	27.457	ug/L	95
12) 1,1-Dichloroethene	4.038	96	101532	26.405	ug/L	93
13) Acetone	4.123	43	37080	49.410	ug/L	92
14) Carbon disulfide	4.385	76	237460	18.772	ug/L	98
15) Methyl Acetate	4.672	43	46621	24.756	ug/L	95
16) Methylene chloride	4.909	84	57648	13.415	ug/L	88
17) trans-1,2-Dichloroethene	5.422	96	114644	25.451	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	187368	25.470	ug/L #	86
19) 1,1-Dichloroethane	6.214	63	208039	25.312	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	131978	27.742	ug/L #	84
22) 2-Butanone	7.171	43	59275	52.296	ug/L	96
23) Bromochloromethane	7.519	128	58953	28.794	ug/L	87
25) Chloroform	7.677	83	237410	27.425	ug/L	96

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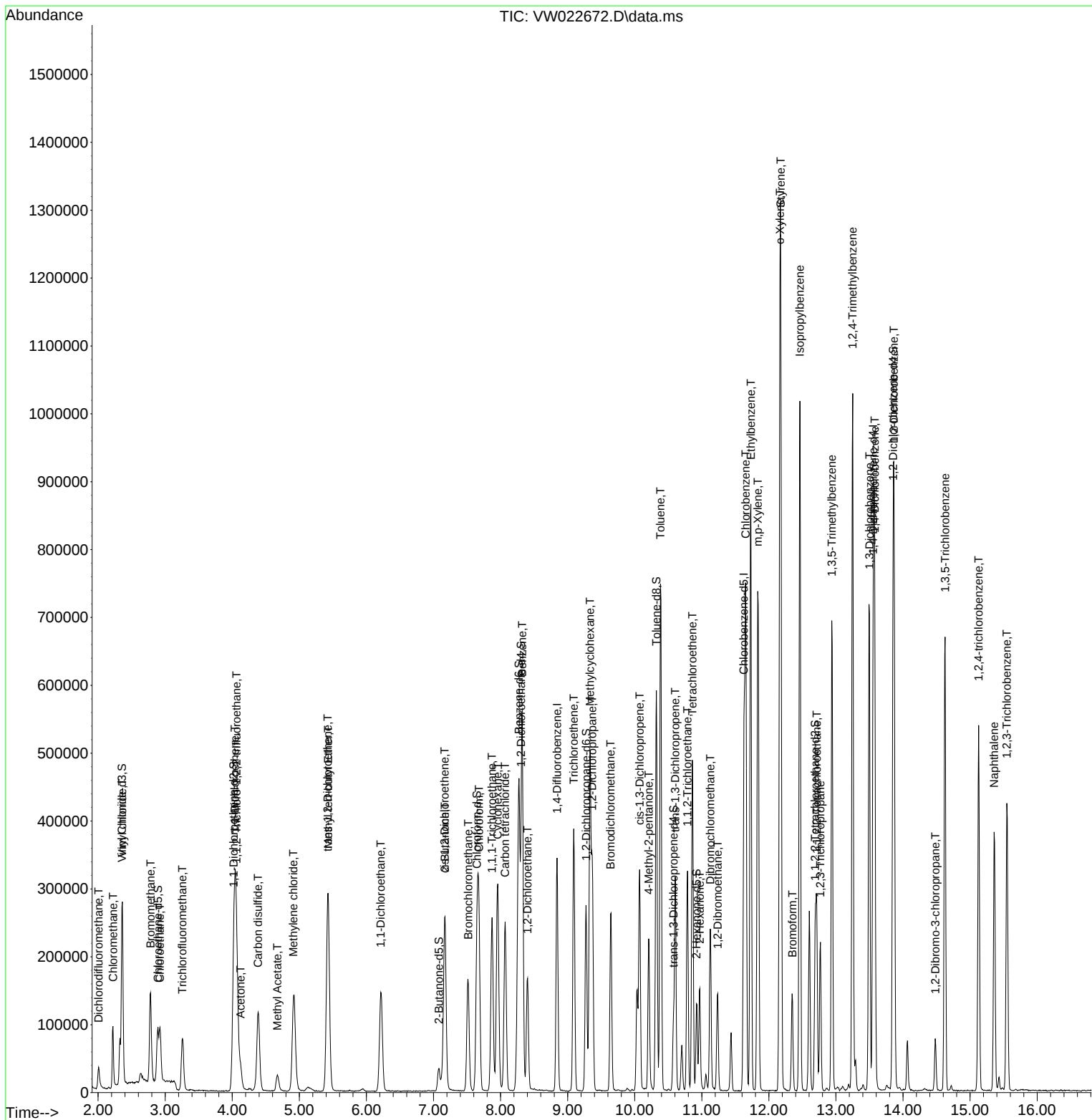
Instrument :
 MSVOA_W
 ClientSampleId :

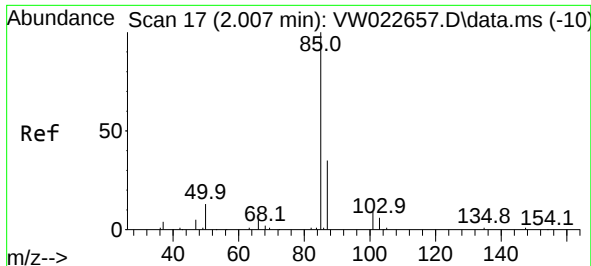
Quant Time: Apr 29 01:12:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 01:08:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	147766	24.287	ug/L #	93
29) Cyclohexane	7.958	56	167842	20.762	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	200789	25.626	ug/L	97
31) Carbon tetrachloride	8.067	117	181946	25.873	ug/L	99
33) Benzene	8.323	78	477033	24.875	ug/L	100
34) Trichloroethene	9.092	95	130136	25.344	ug/L	94
35) Methylcyclohexane	9.335	83	202484	21.979	ug/L	95
37) 1,2-Dichloropropane	9.366	63	117773	25.635	ug/L	100
38) Bromodichloromethane	9.640	83	170844	25.859	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	187121	25.668	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	140512	50.116	ug/L	94
42) Toluene	10.384	91	551122	25.080	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	163931	25.114	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	98100	27.979	ug/L	96
46) Tetrachloroethene	10.860	164	99593	26.386	ug/L	92
48) 2-Hexanone	10.969	43	94041	47.544	ug/L	98
49) Dibromochloromethane	11.128	129	120997	28.935	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95346	27.539	ug/L	99
51) Chlorobenzene	11.652	112	365033	27.183	ug/L	96
52) Ethylbenzene	11.731	91	619676	25.158	ug/L	98
53) m,p-Xylene	11.835	106	244898	26.149	ug/L	91
54) o-Xylene	12.164	106	241960	27.036	ug/L	91
55) Styrene	12.176	104	413071	27.015	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	116696	27.116	ug/L	98
59) Bromoform	12.353	173	58717	24.569	ug/L	99
60) Isopropylbenzene	12.463	105	657925	24.626	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	82673	24.165	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	370880	25.242	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	553667	24.780	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	294594	27.169	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	292282	27.029	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	258701	26.679	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17206	21.685	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	186023	26.295	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	148839	25.051	ug/L	97
71) Naphthalene	15.359	128	326192	26.030	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	131795	25.951	ug/L	96

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

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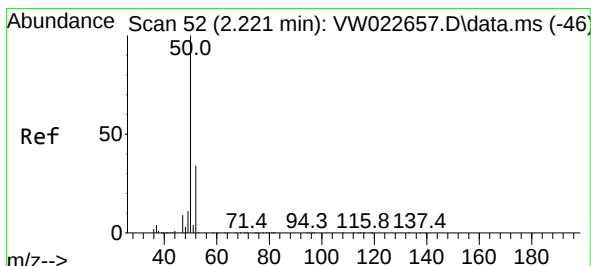
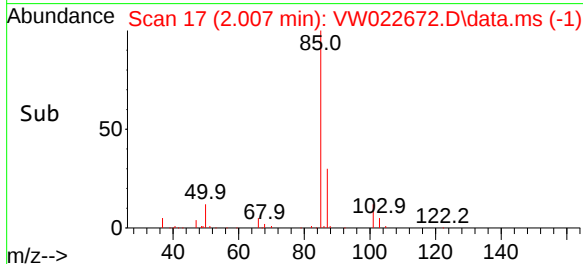
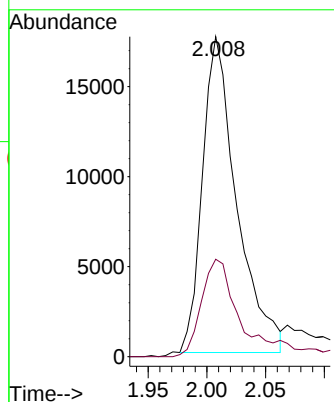
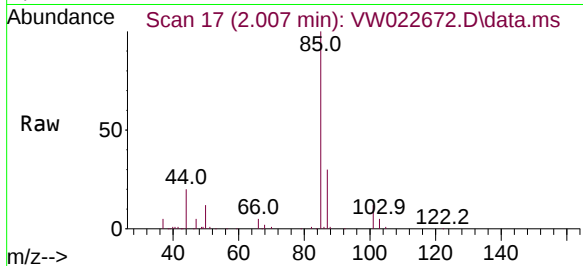




#2
 Dichlorodifluoromethane
 Concen: 25.471 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

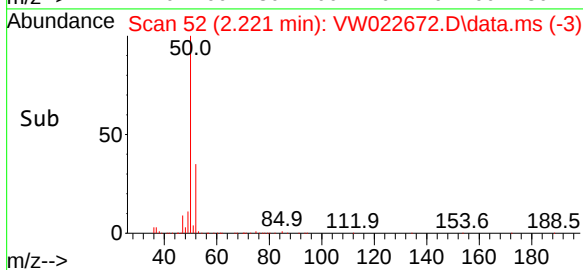
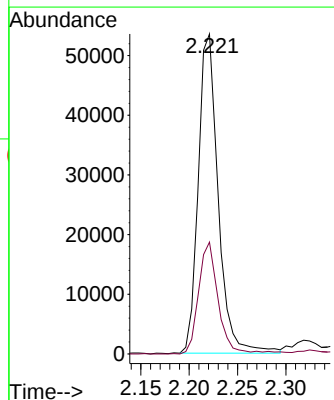
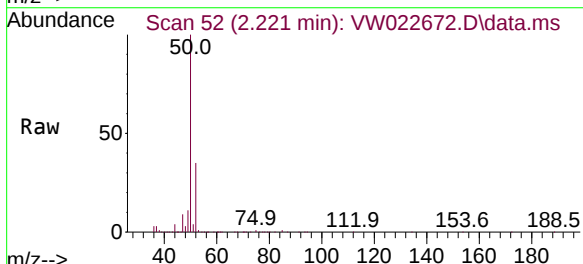
Instrument :
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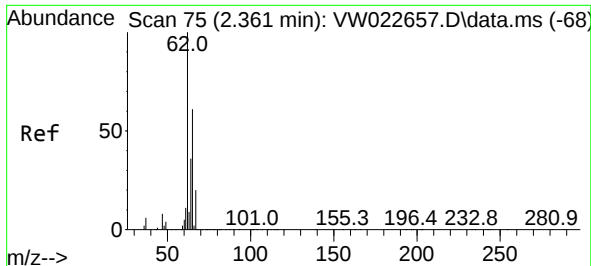
Tgt Ion: 85 Resp: 35658
 Ion Ratio Lower Upper
 85 100
 87 29.2 23.7 35.5



#3
 Chloromethane
 Concen: 21.983 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

Tgt Ion: 50 Resp: 76730
 Ion Ratio Lower Upper
 50 100
 52 34.9 23.0 42.6

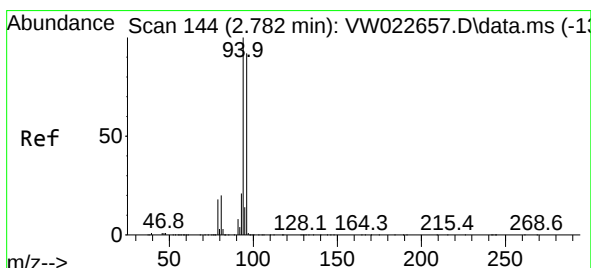
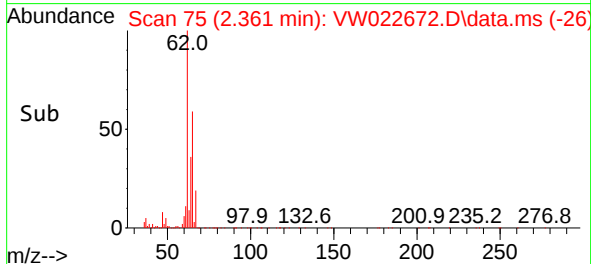
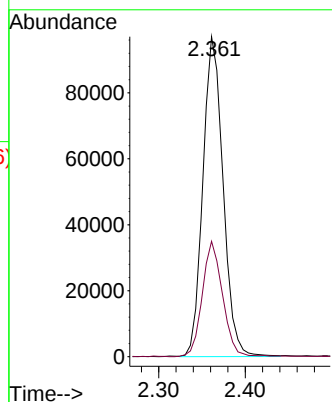
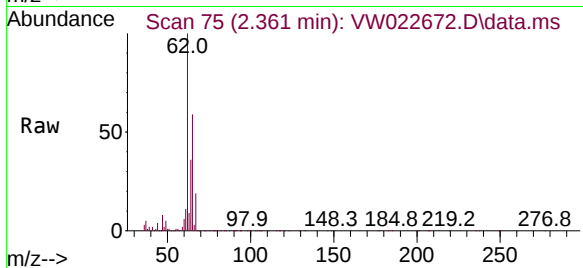




#5
 Vinyl chloride
 Concen: 21.595 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

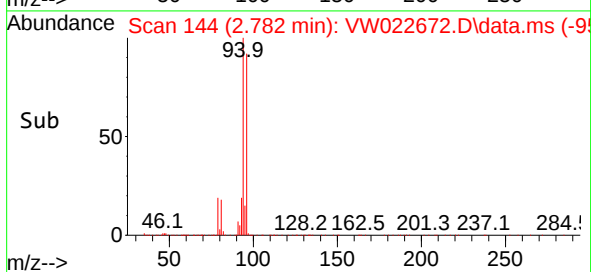
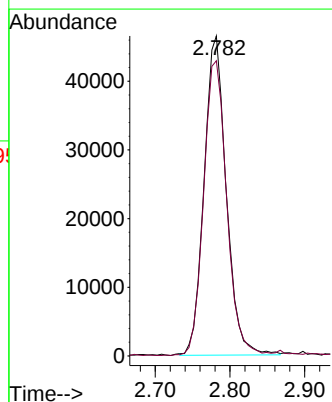
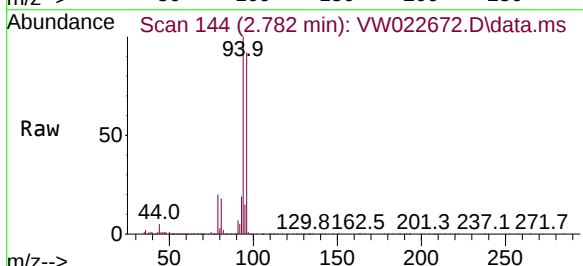
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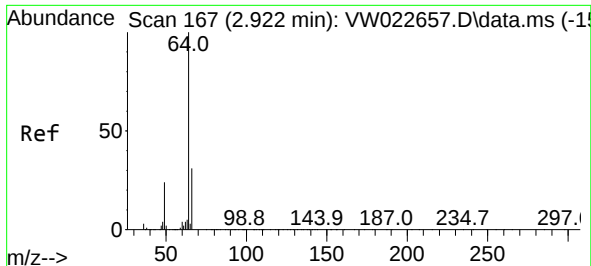
Tgt Ion: 62 Resp: 157278
 Ion Ratio Lower Upper
 62 100
 64 36.1 26.5 49.3



#6
 Bromomethane
 Concen: 21.654 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

Tgt Ion: 94 Resp: 95868
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.6 123.6

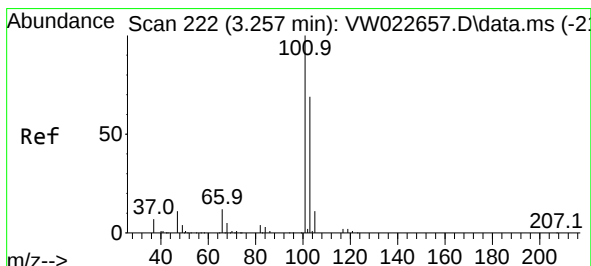
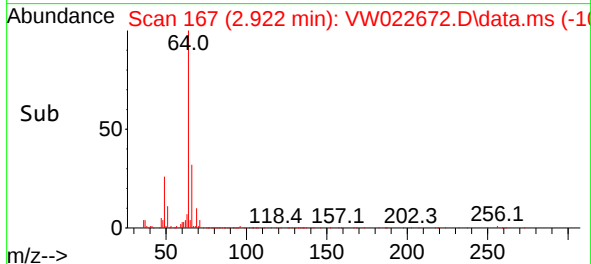
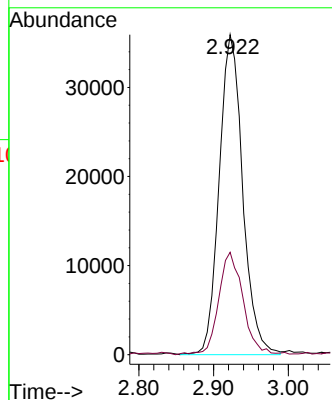
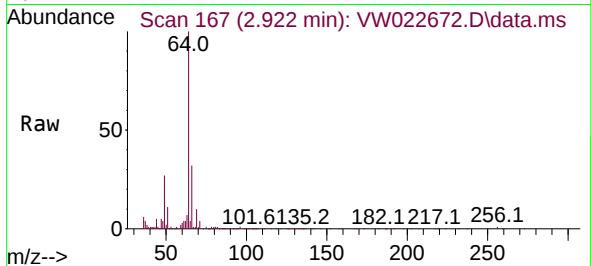




#8
Chloroethane
Concen: 24.637 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

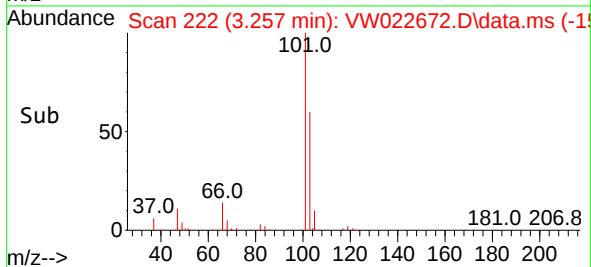
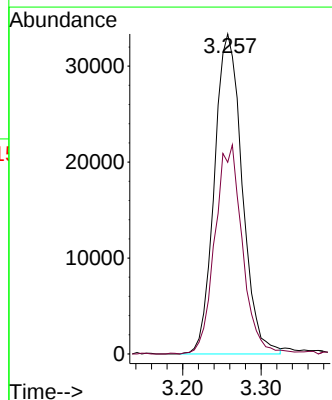
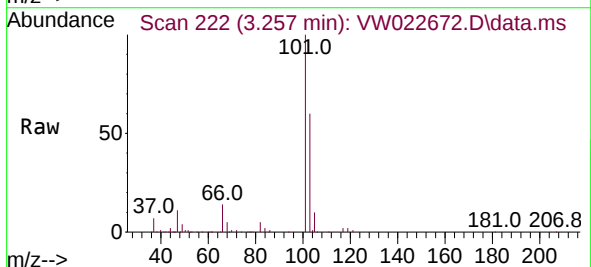
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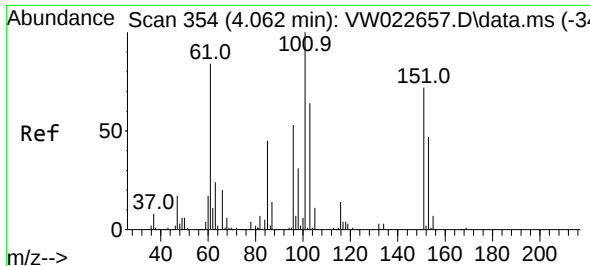
Tgt Ion: 64 Resp: 78553
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 30.577 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion: 101 Resp: 82216
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

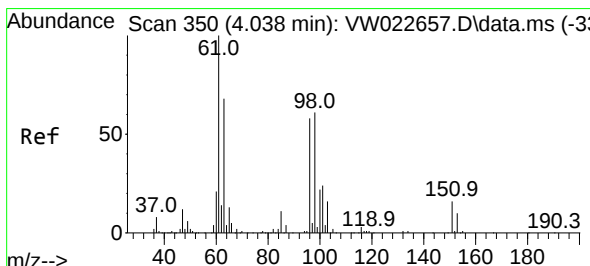
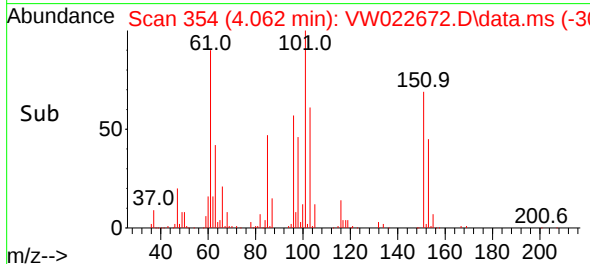
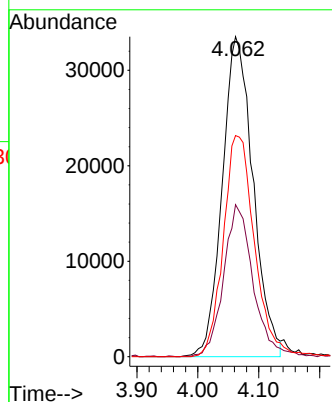
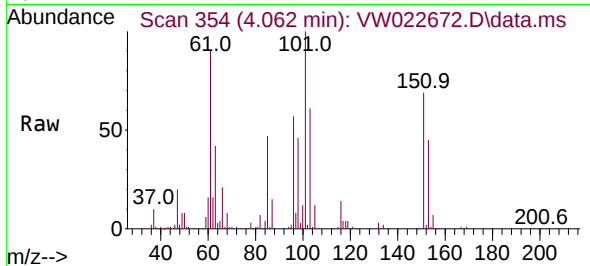




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.457 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

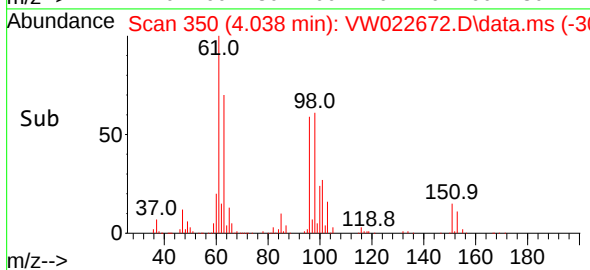
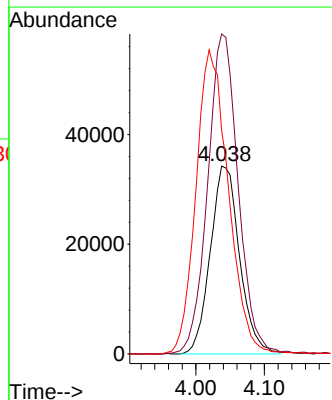
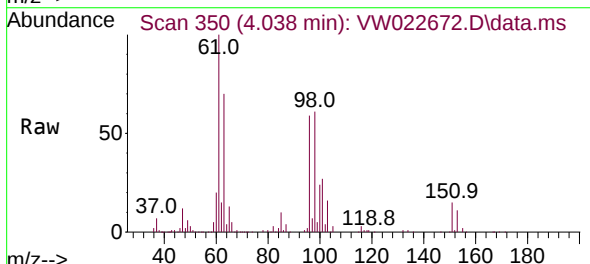
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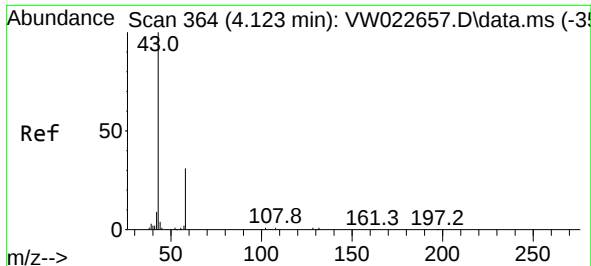
Tgt Ion:101 Resp: 117557
 Ion Ratio Lower Upper
 101 100
 85 45.4 39.2 58.8
 151 69.6 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 26.405 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

Tgt Ion: 96 Resp: 101532
 Ion Ratio Lower Upper
 96 100
 61 170.4 128.0 237.6
 63 118.9 86.6 160.8

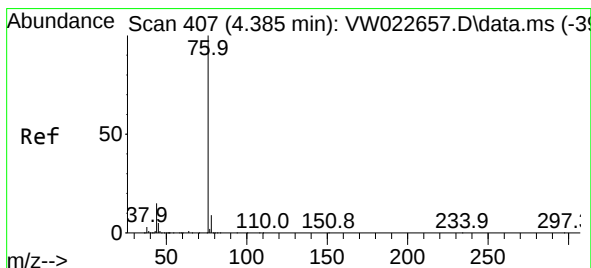
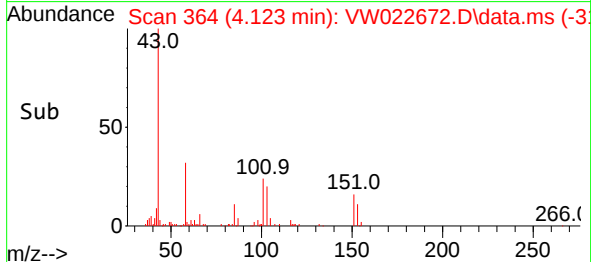
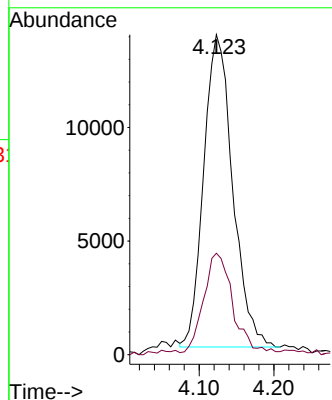
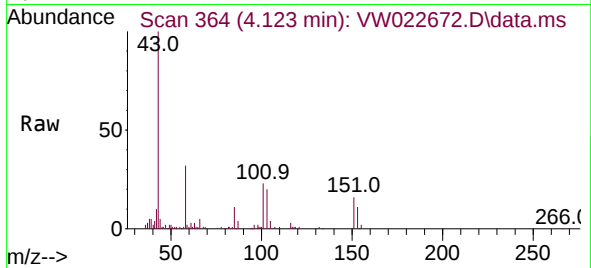




#13
Acetone
Concen: 49.410 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

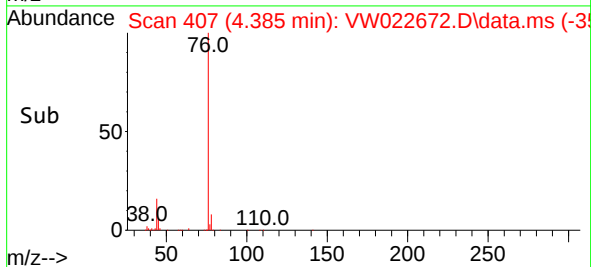
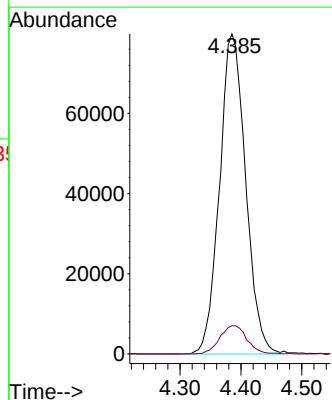
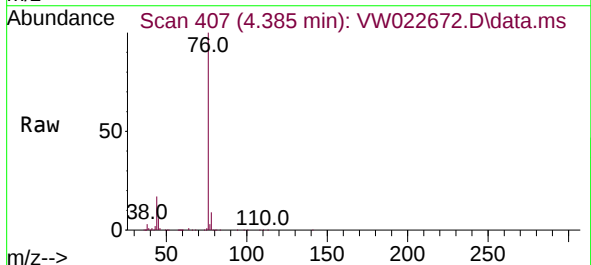
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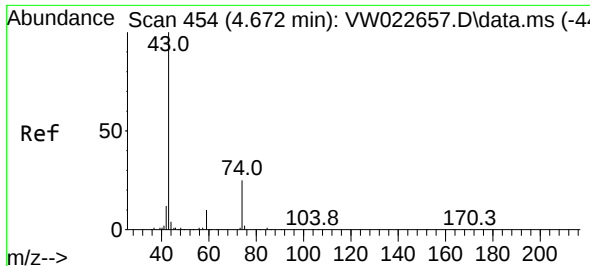
Tgt Ion: 43 Resp: 37080
Ion Ratio Lower Upper
43 100
58 32.5 0.0 57.0



#14
Carbon disulfide
Concen: 18.772 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022672.D
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Tgt Ion: 76 Resp: 237460
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

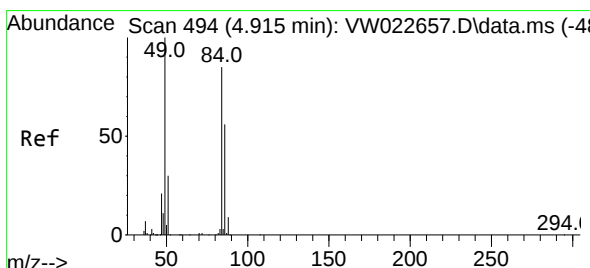
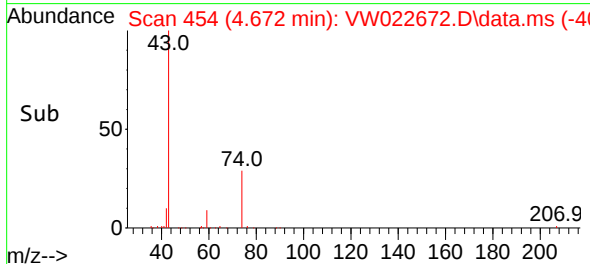
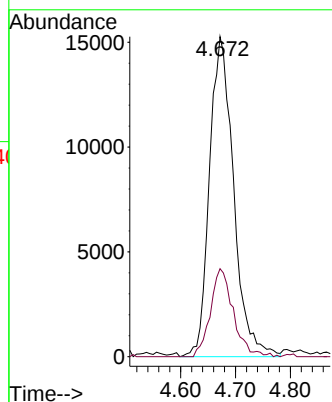
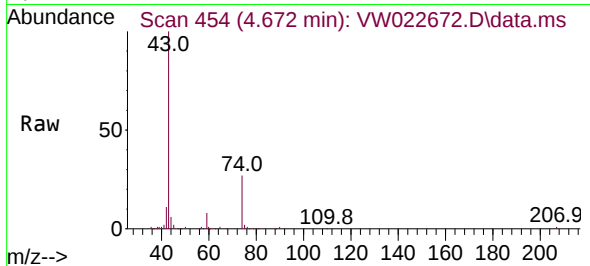




#15
Methyl Acetate
Concen: 24.756 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

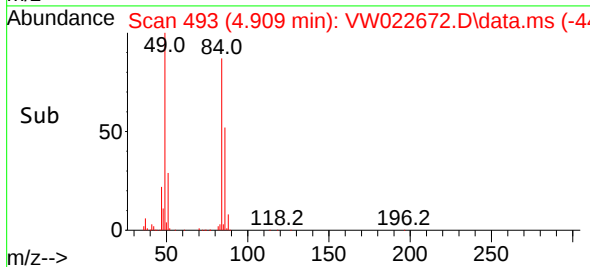
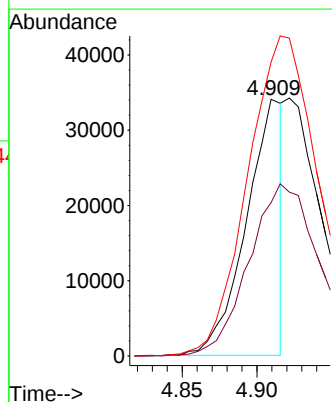
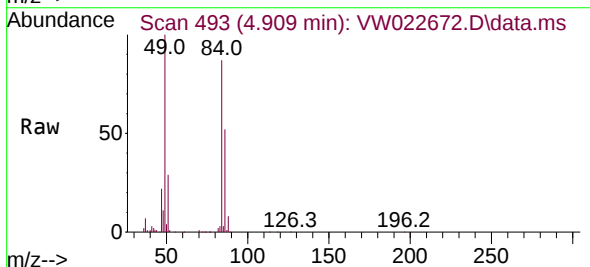
Instrument :
MSVOA_W
ClientSampleId :

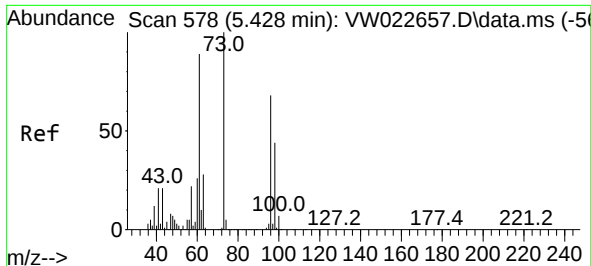
Tgt Ion: 43 Resp: 46621
Ion Ratio Lower Upper
43 100
74 25.4 18.5 27.7



#16
Methylene chloride
Concen: 13.415 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion: 84 Resp: 57648
Ion Ratio Lower Upper
84 100
86 59.7 42.8 79.4
49 114.6 94.2 175.0

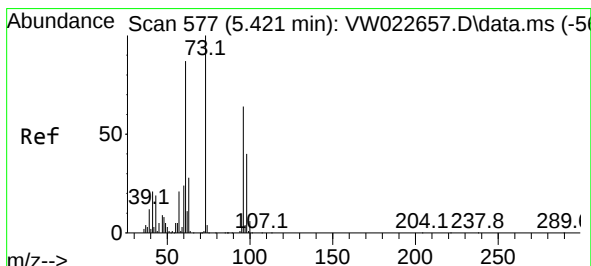
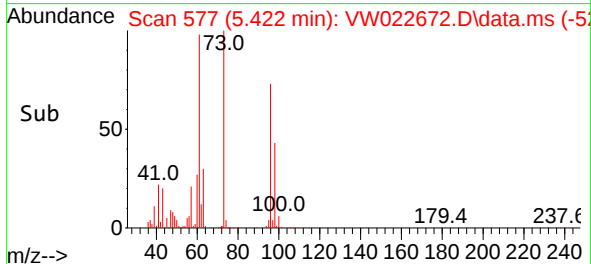
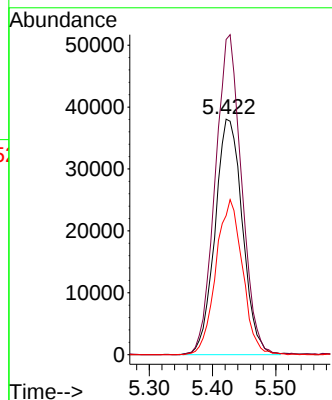
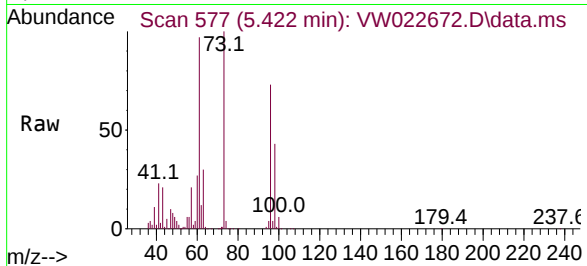




#17
trans-1,2-Dichloroethene
Concen: 25.451 ug/L
RT: 5.422 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

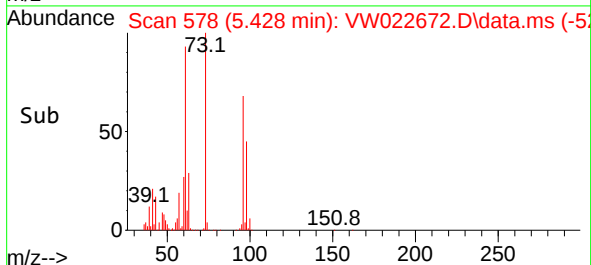
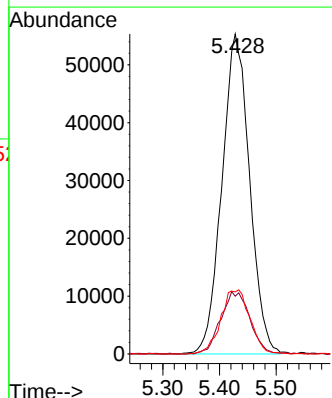
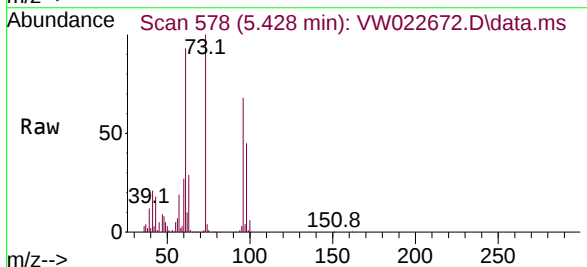
Instrument :
MSVOA_W
ClientSampleId :

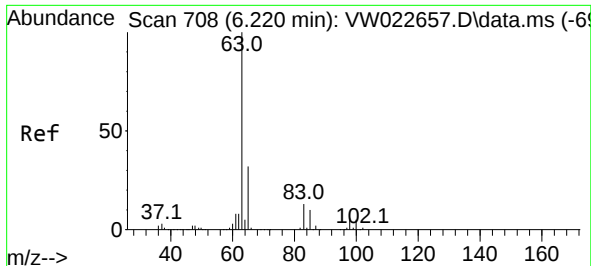
Tgt Ion: 96 Resp: 114644
Ion Ratio Lower Upper
96 100
61 133.8 99.8 185.4
98 59.1 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 25.470 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion: 73 Resp: 187368
Ion Ratio Lower Upper
73 100
43 20.5 18.8 28.2
57 11.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 25.312 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

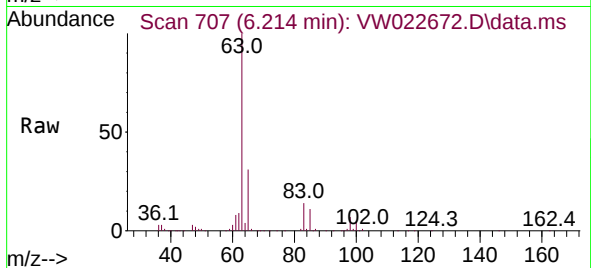
Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :



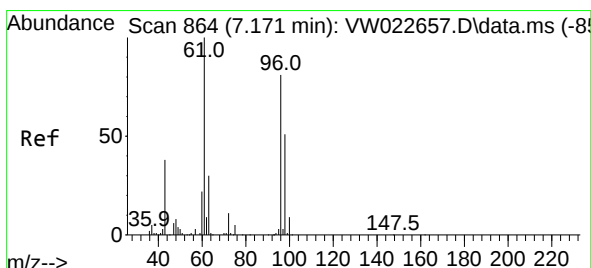
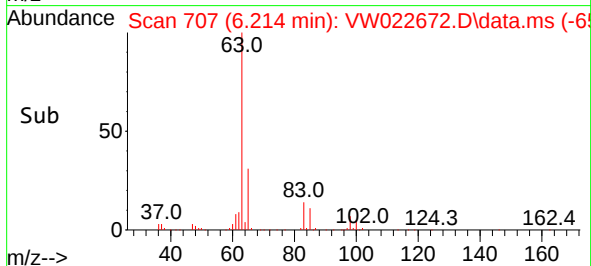
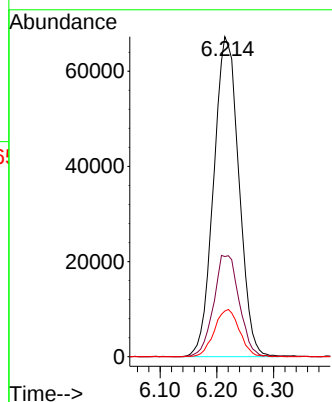
Tgt Ion: 63 Resp: 208039

Ion Ratio Lower Upper

63 100

65 31.3 21.1 39.3

83 14.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.742 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

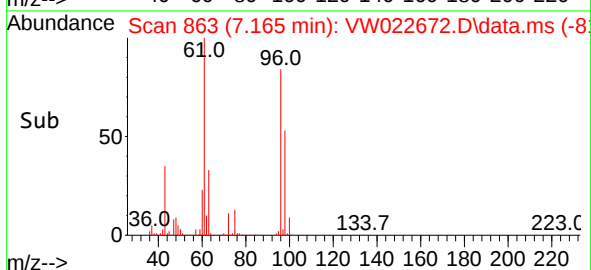
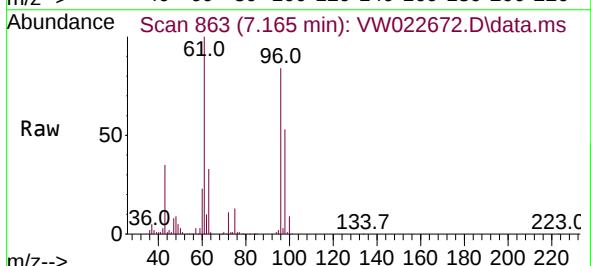
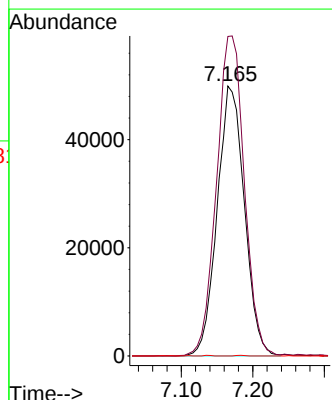
Tgt Ion: 96 Resp: 131978

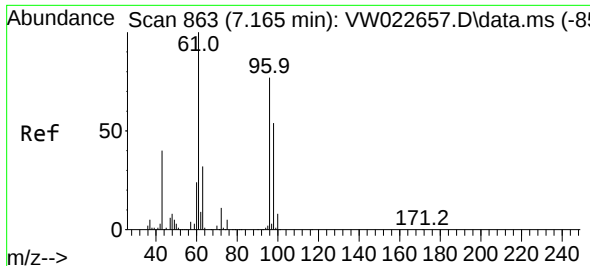
Ion Ratio Lower Upper

96 100

61 118.4 96.4 179.0

68 0.0 0.1 0.3

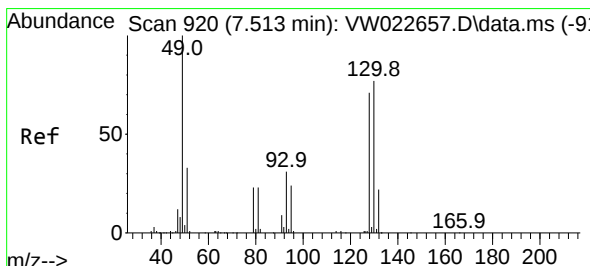
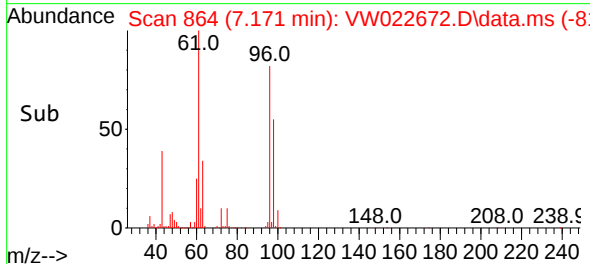
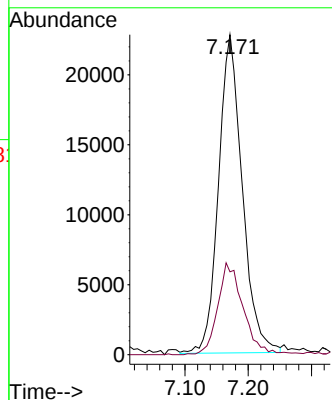
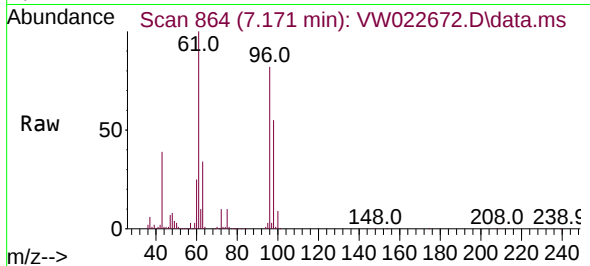




#22
2-Butanone
Concen: 52.296 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

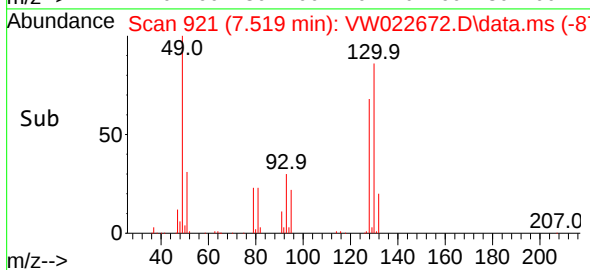
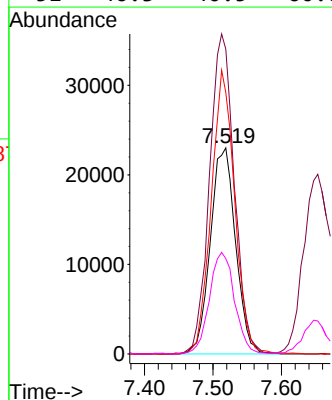
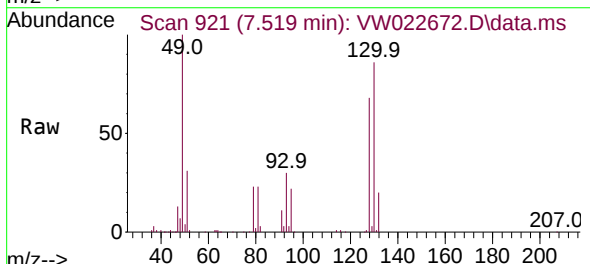
Instrument :
MSVOA_W
ClientSampleId :

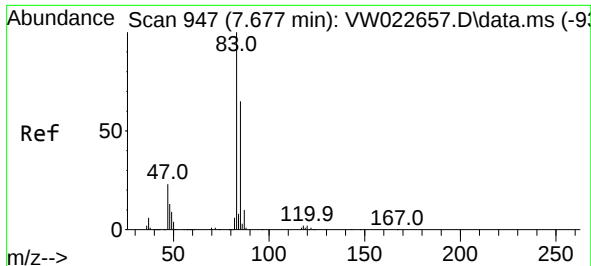
Tgt Ion: 43 Resp: 59275
Ion Ratio Lower Upper
43 100
72 30.3 14.0 42.0



#23
Bromochloromethane
Concen: 28.794 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion: 128 Resp: 58953
Ion Ratio Lower Upper
128 100
49 147.9 120.8 224.3
130 126.9 81.8 151.8
51 46.3 40.5 60.7

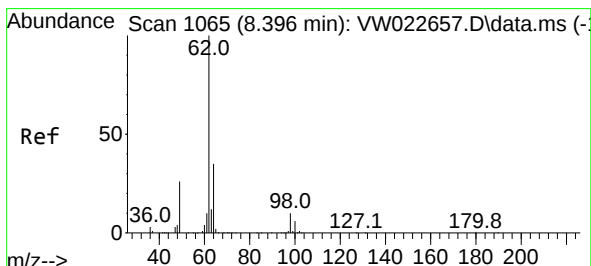
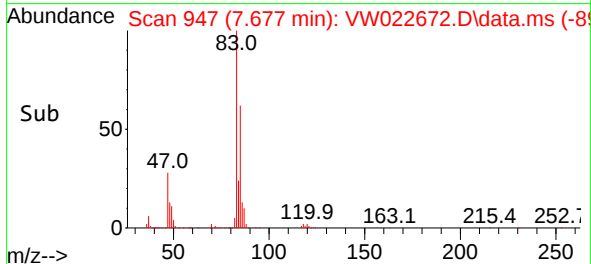
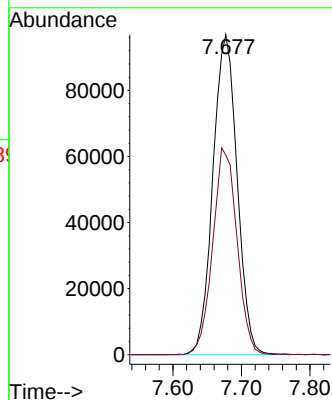
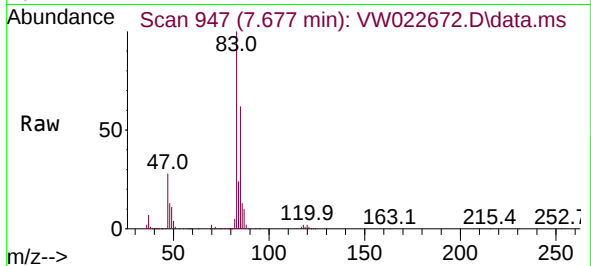




#25
Chloroform
Concen: 27.425 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

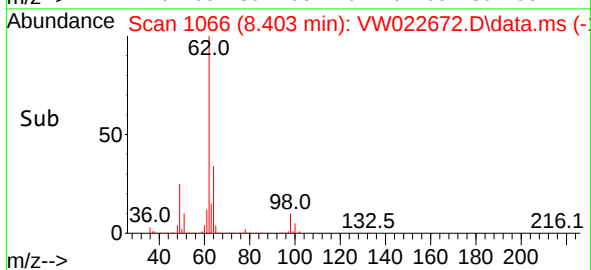
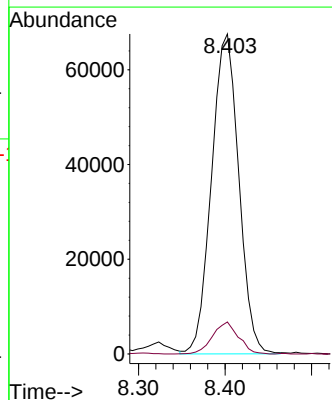
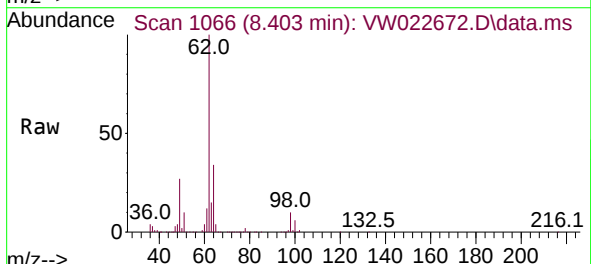
Instrument :
MSVOA_W
ClientSampleId :

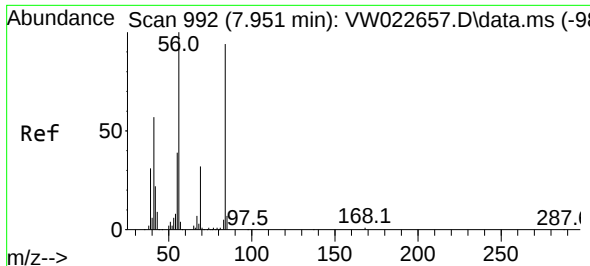
Tgt Ion: 83 Resp: 237410
Ion Ratio Lower Upper
83 100
85 62.4 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.287 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion: 62 Resp: 147766
Ion Ratio Lower Upper
62 100
98 10.0 6.2 9.2#

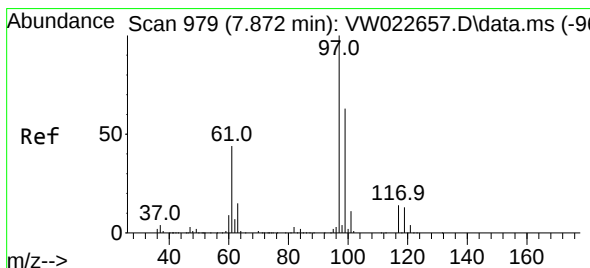
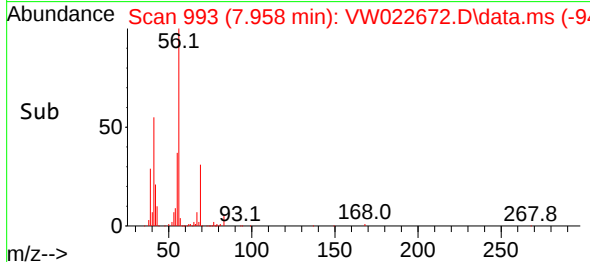
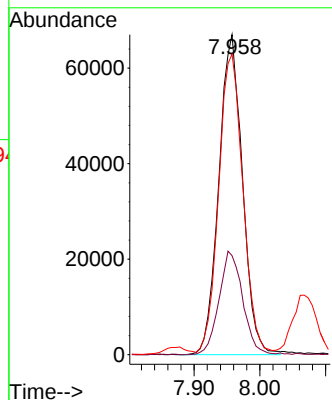
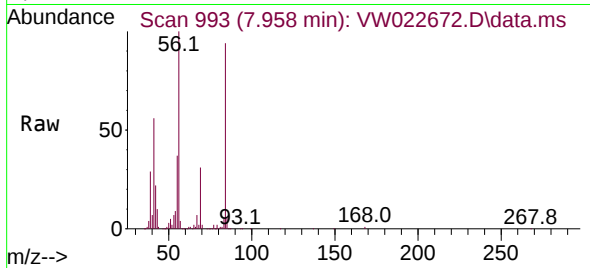




#29
Cyclohexane
Concen: 20.762 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

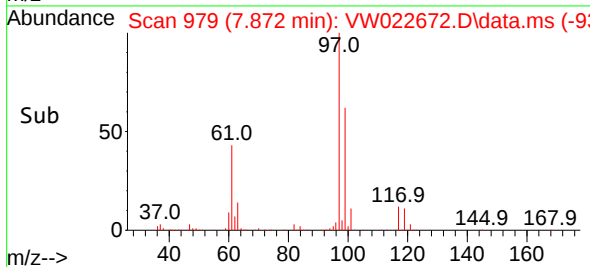
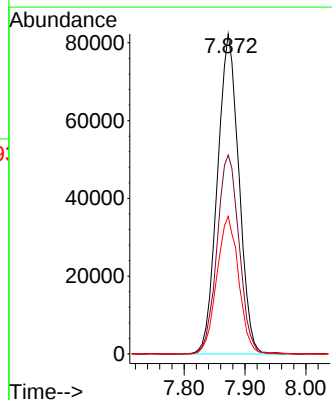
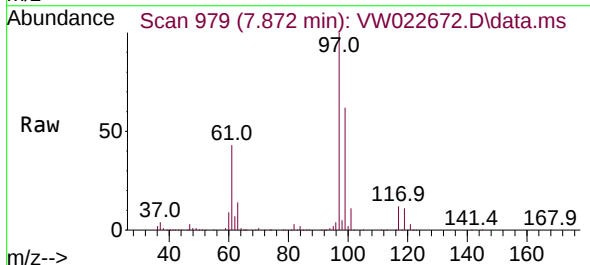
Instrument :
MSVOA_W
ClientSampleId :

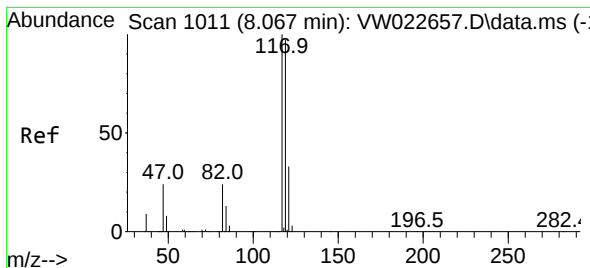
Tgt Ion: 56 Resp: 167842
Ion Ratio Lower Upper
56 100
69 32.3 24.4 36.6
84 96.3 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 25.626 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion: 97 Resp: 200789
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 44.0 38.7 58.1





#31

Carbon tetrachloride

Concen: 25.873 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

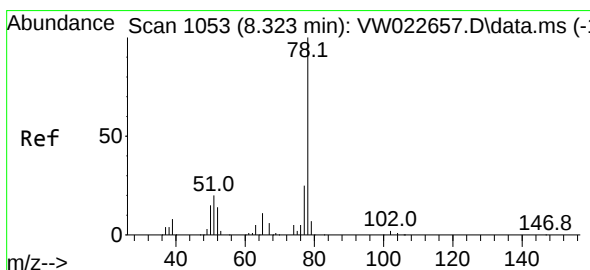
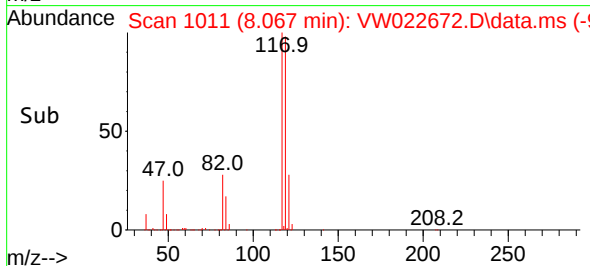
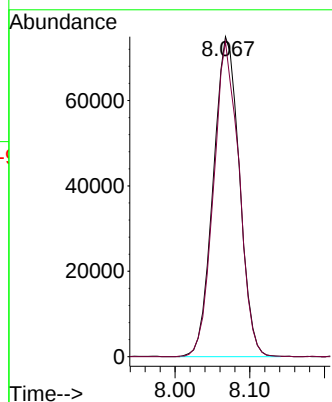
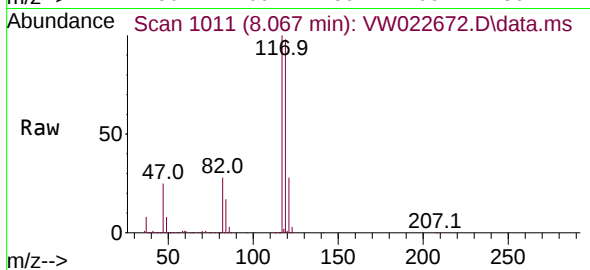
ClientSampleId :

Tgt Ion:117 Resp: 181946

Ion Ratio Lower Upper

117 100

119 95.7 75.5 113.3



#33

Benzene

Concen: 24.875 ug/L

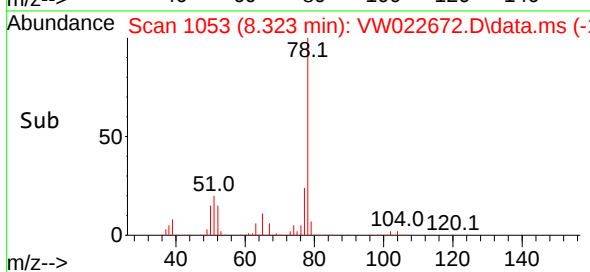
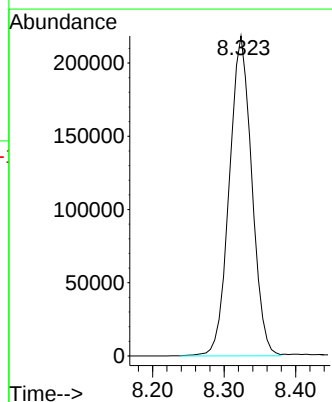
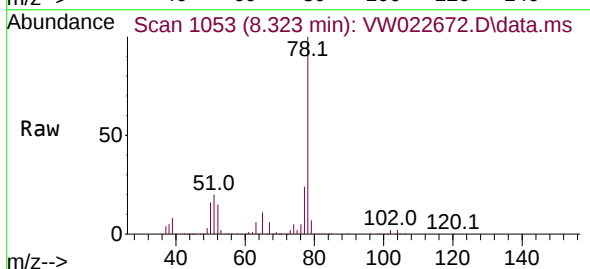
RT: 8.323 min Scan# 1053

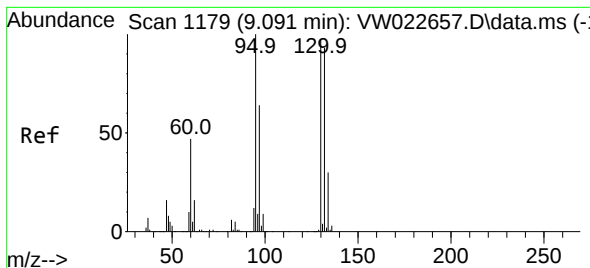
Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Tgt Ion: 78 Resp: 477033





#34

Trichloroethene

Concen: 25.344 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

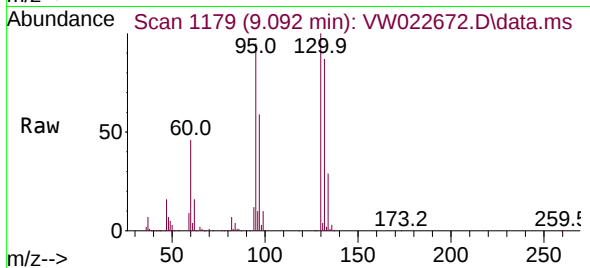
Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 130136

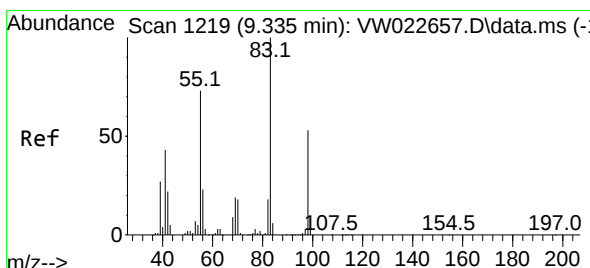
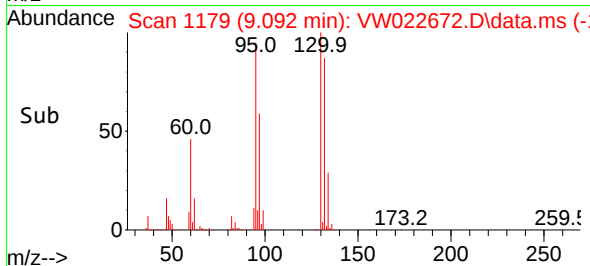
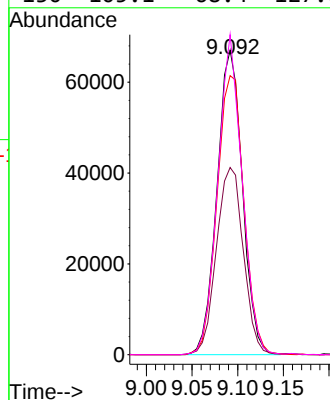
Ion Ratio Lower Upper

95 100

97 61.5 46.4 86.2

132 91.6 67.4 125.2

130 105.1 68.4 127.0



#35

Methylcyclohexane

Concen: 21.979 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

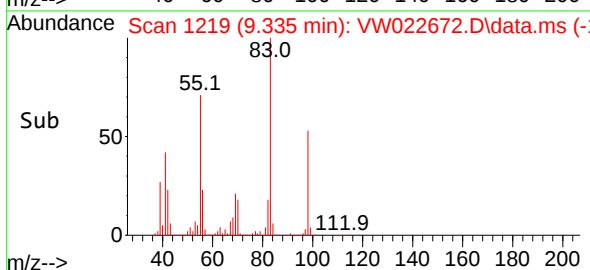
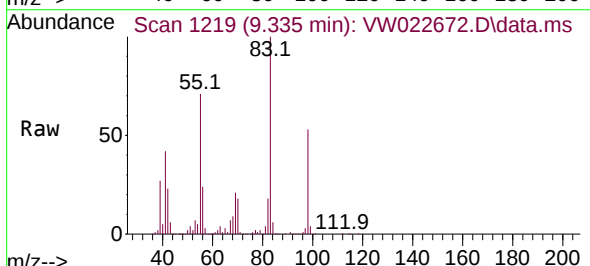
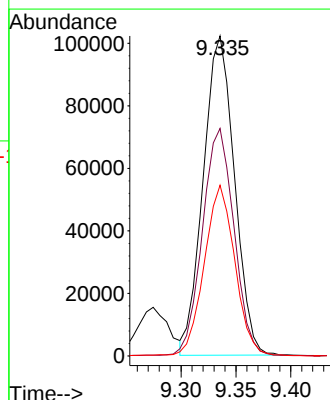
Tgt Ion: 83 Resp: 202484

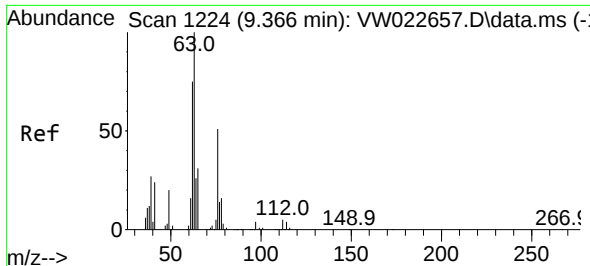
Ion Ratio Lower Upper

83 100

55 72.3 61.0 91.6

98 52.5 39.2 58.8





#37

1,2-Dichloropropane

Concen: 25.635 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

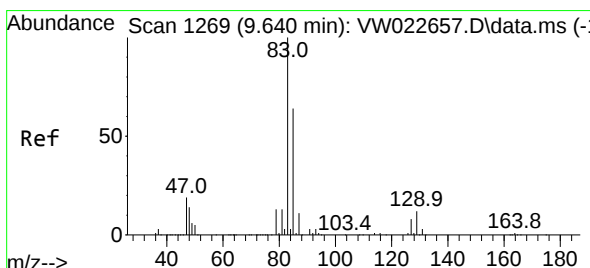
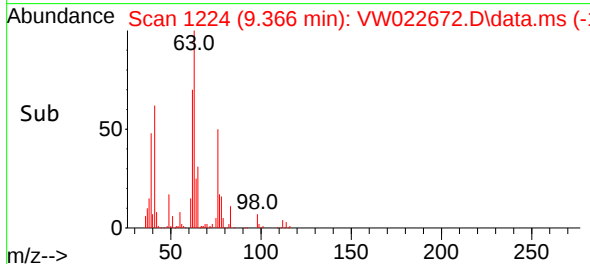
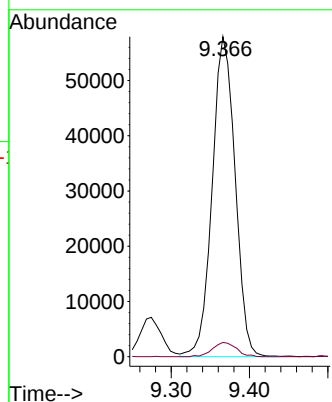
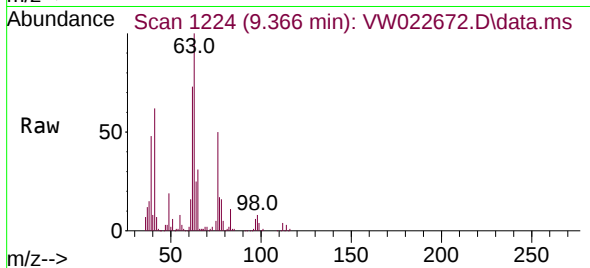
ClientSampleId :

Tgt Ion: 63 Resp: 117773

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 25.859 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

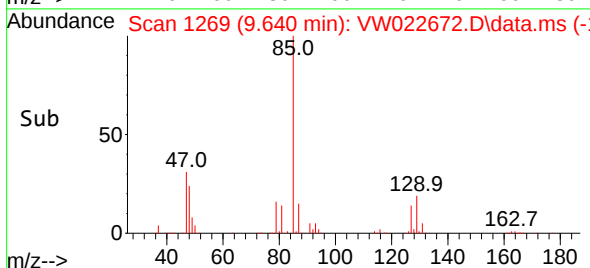
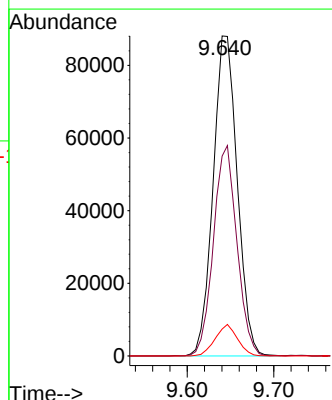
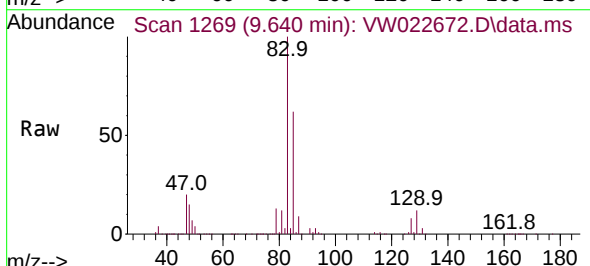
Tgt Ion: 83 Resp: 170844

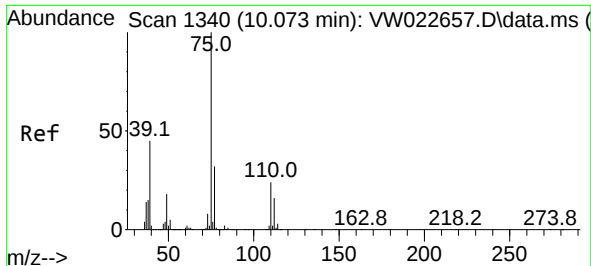
Ion Ratio Lower Upper

83 100

85 62.5 45.2 84.0

127 8.4 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.668 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

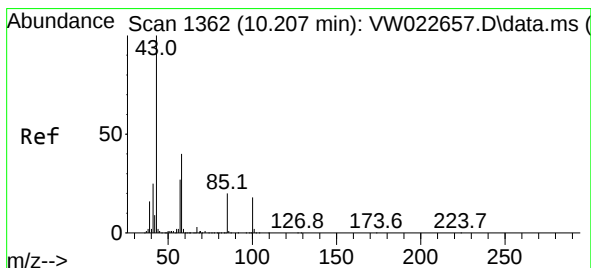
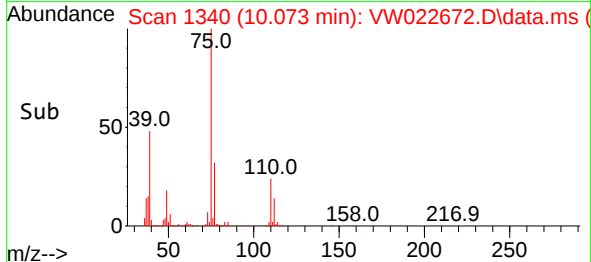
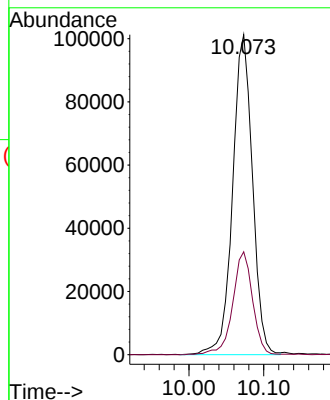
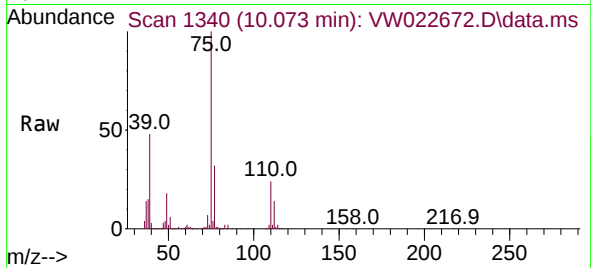
ClientSampleId :

Tgt Ion: 75 Resp: 187121

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 50.116 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

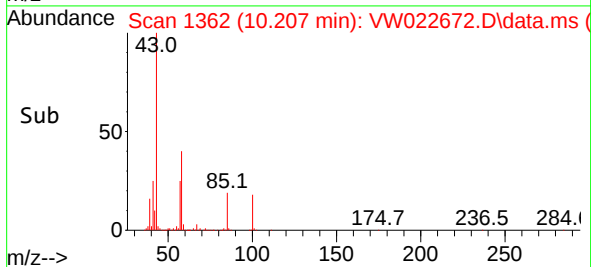
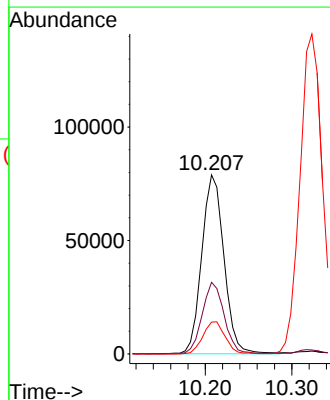
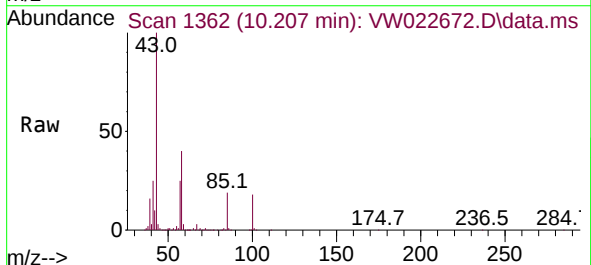
Tgt Ion: 43 Resp: 140512

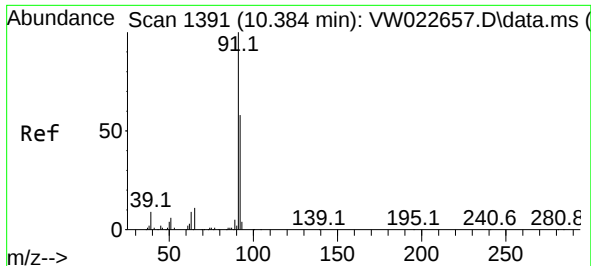
Ion Ratio Lower Upper

43 100

58 39.9 29.3 43.9

100 18.1 12.2 18.4

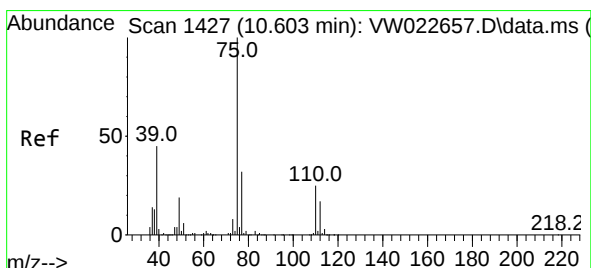
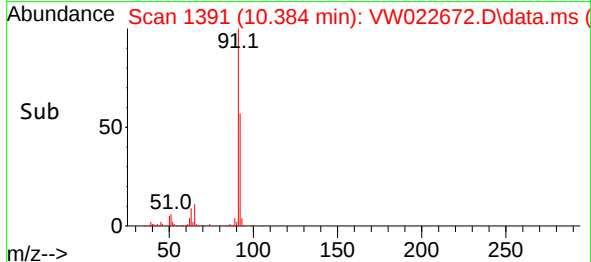
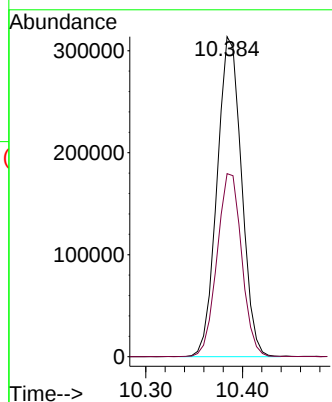
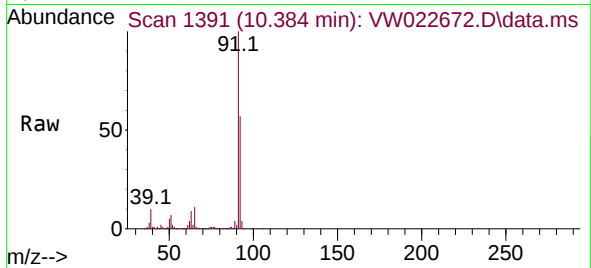




#42
Toluene
Concen: 25.080 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

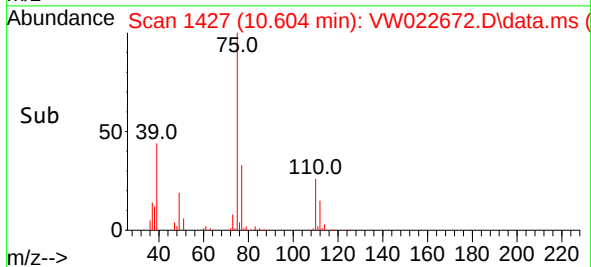
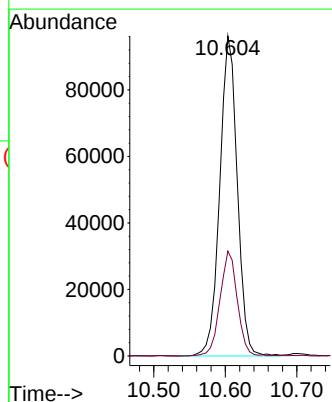
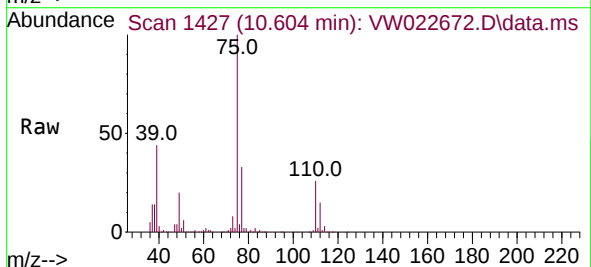
Instrument :
MSVOA_W
ClientSampleId :

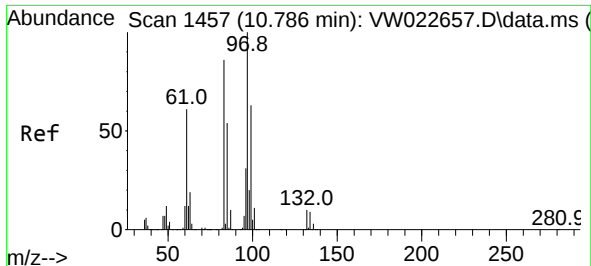
Tgt Ion: 91 Resp: 551122
Ion Ratio Lower Upper
91 100
92 57.2 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 25.114 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

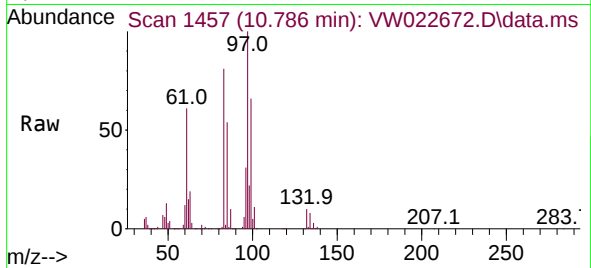
Tgt Ion: 75 Resp: 163931
Ion Ratio Lower Upper
75 100
77 32.8 21.3 39.6



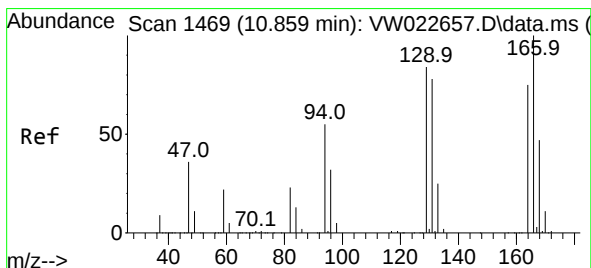
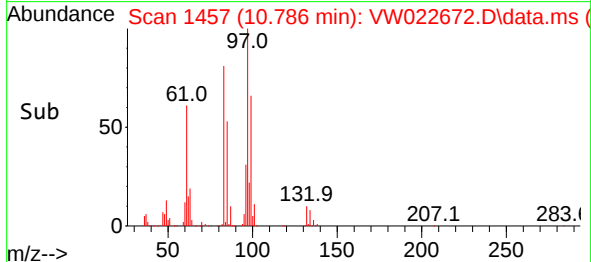
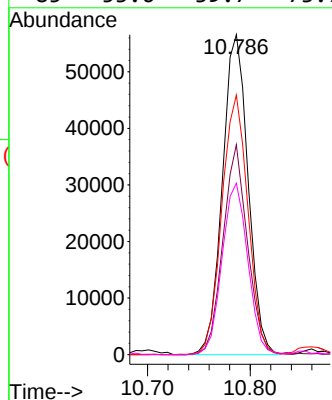


#45
1,1,2-Trichloroethane
Concen: 27.979 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Instrument :
MSVOA_W
ClientSampleId :

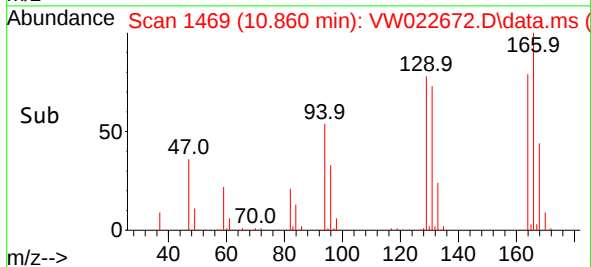
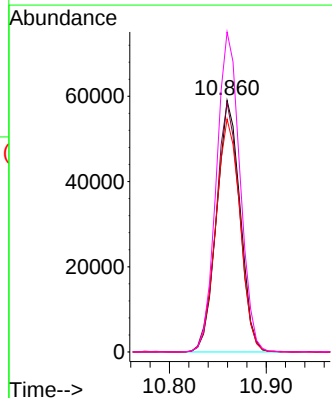
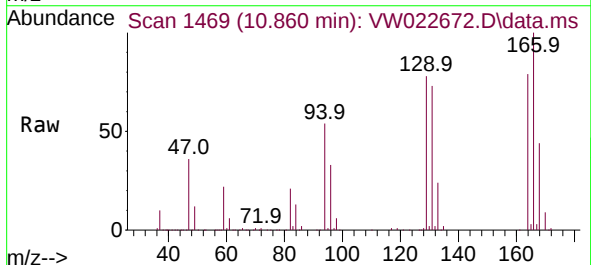


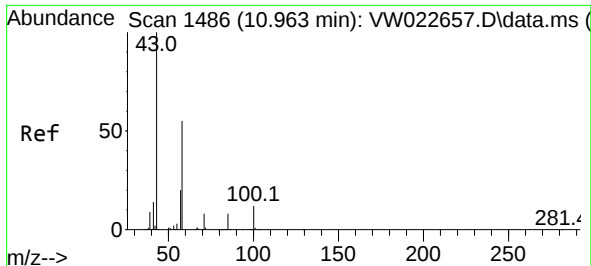
Tgt Ion:	97	Resp:	98100
Ion	Ratio	Lower	Upper
97	100		
99	65.6	46.0	85.4
83	81.1	60.6	112.6
85	53.6	39.7	73.7



#46
Tetrachloroethene
Concen: 26.386 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion:	164	Resp:	99593
Ion	Ratio	Lower	Upper
164	100		
129	99.1	74.1	137.7
131	92.6	71.4	132.6
166	127.2	95.9	178.1

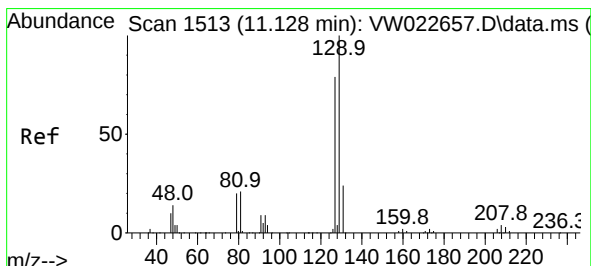
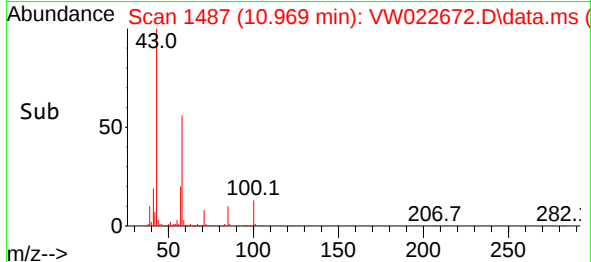
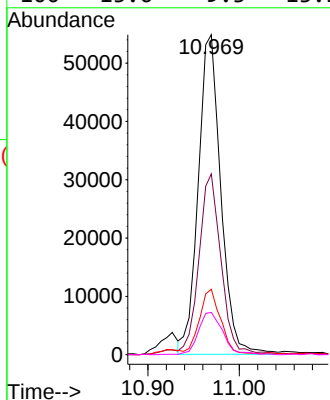
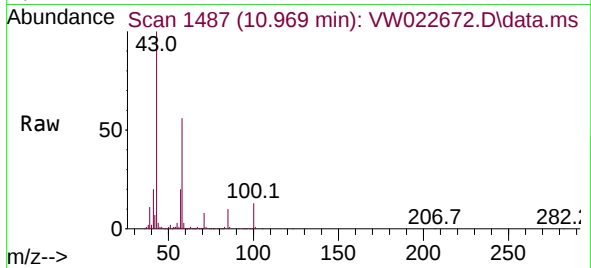




#48
2-Hexanone
Concen: 47.544 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

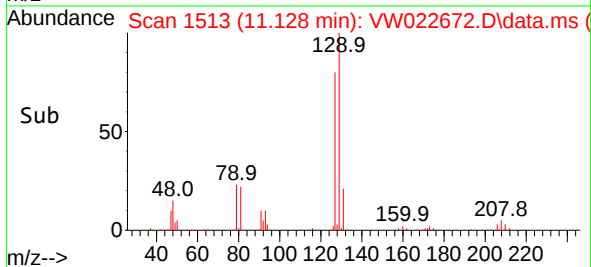
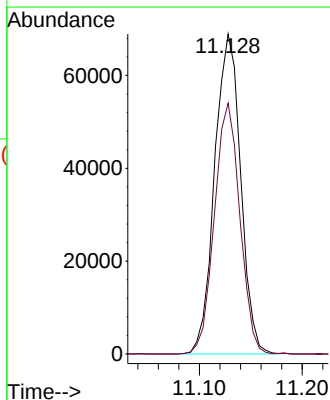
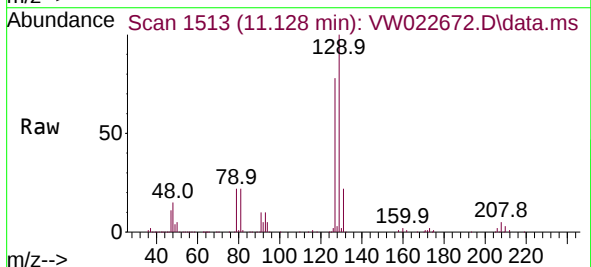
Instrument :
MSVOA_W
ClientSampleId :

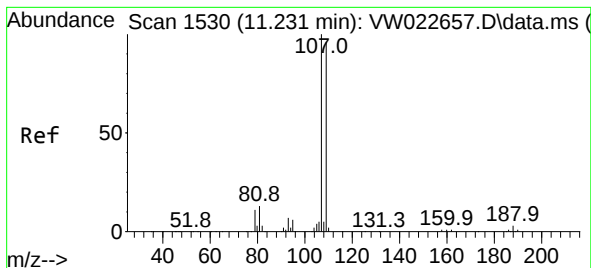
Tgt Ion: 43 Resp: 94041
Ion Ratio Lower Upper
43 100
58 53.0 41.6 62.4
57 19.1 14.5 21.7
100 13.6 9.3 13.9



#49
Dibromochloromethane
Concen: 28.935 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion: 129 Resp: 120997
Ion Ratio Lower Upper
129 100
127 78.4 52.6 97.6





#50

1,2-Dibromoethane

Concen: 27.539 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022672.D

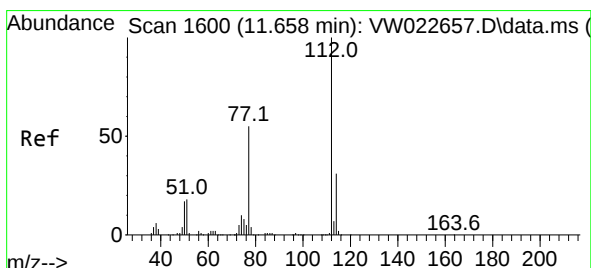
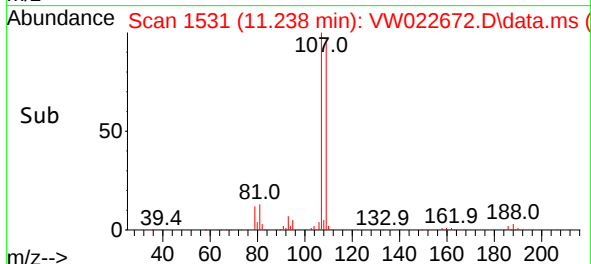
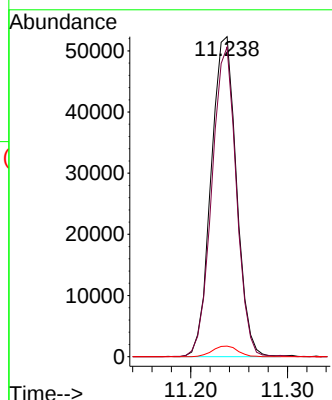
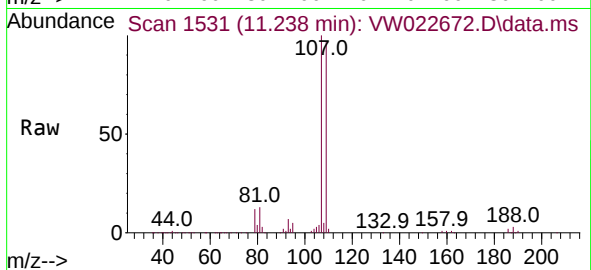
Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	95346
Ion	Ratio	Lower Upper
107	100	
109	96.7	68.2 126.6
188	3.3	2.8 4.2



#51

Chlorobenzene

Concen: 27.183 ug/L

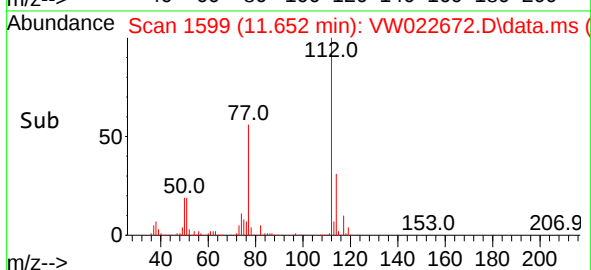
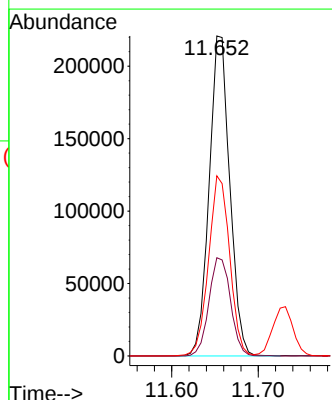
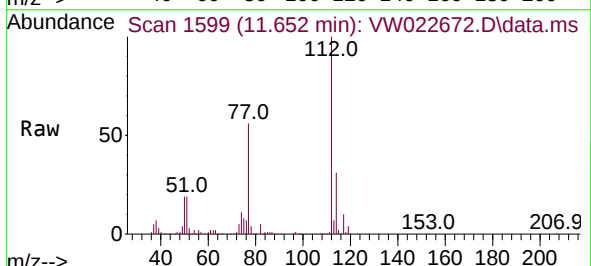
RT: 11.652 min Scan# 1599

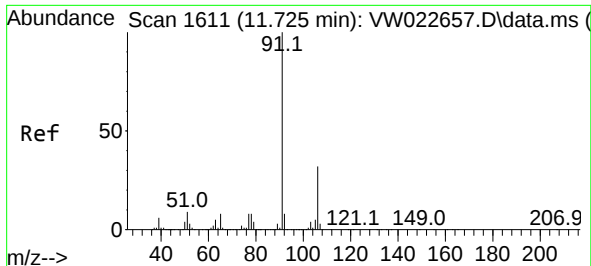
Delta R.T. -0.006 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Tgt Ion:112	Resp:	365033
Ion	Ratio	Lower Upper
112	100	
114	30.7	20.5 38.1
77	56.3	48.1 72.1

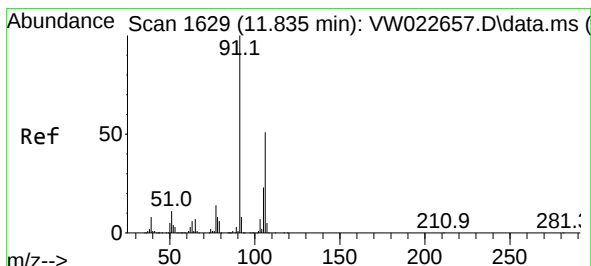
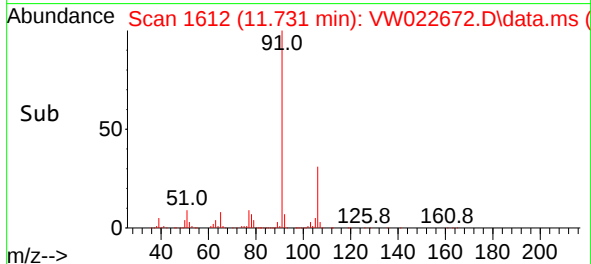
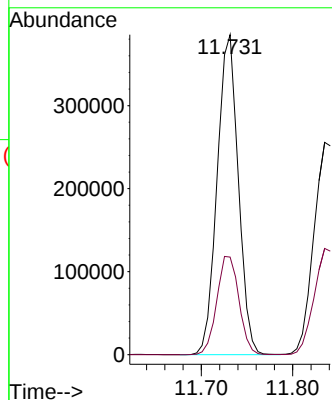
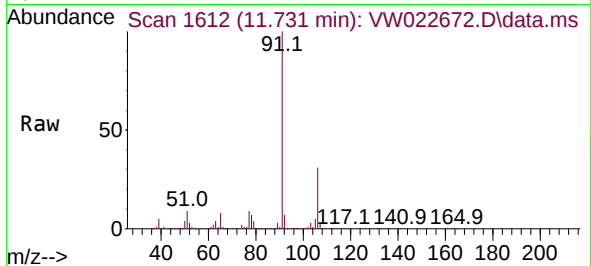




#52
Ethylbenzene
Concen: 25.158 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

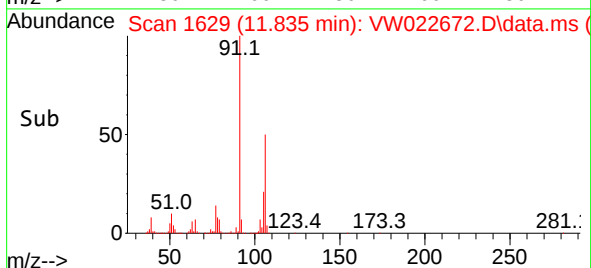
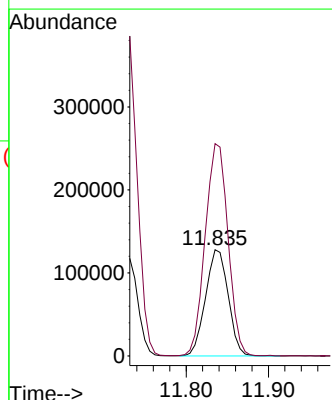
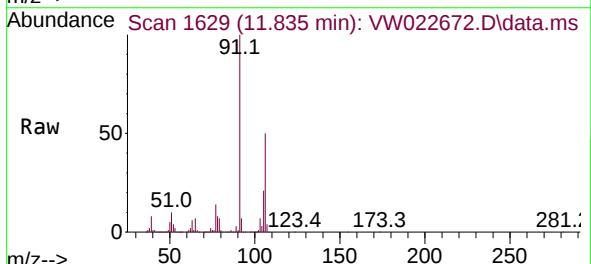
Instrument :
MSVOA_W
ClientSampleId :

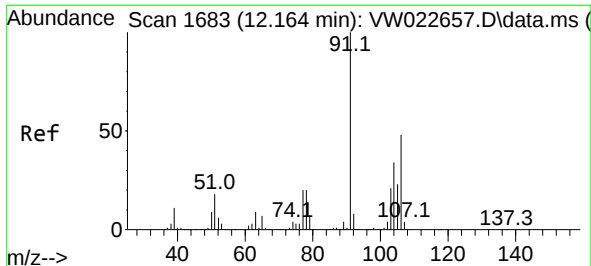
Tgt Ion: 91 Resp: 619676
Ion Ratio Lower Upper
91 100
106 30.5 20.5 38.1



#53
m,p-Xylene
Concen: 26.149 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion:106 Resp: 244898
Ion Ratio Lower Upper
106 100
91 199.8 149.9 278.5

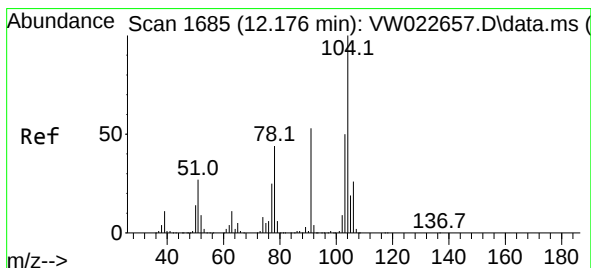
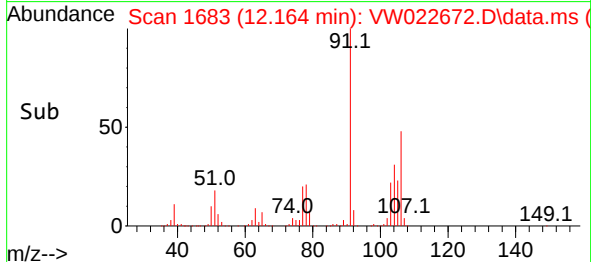
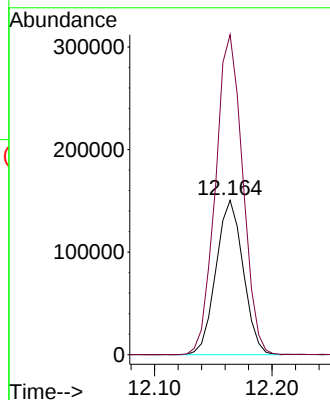
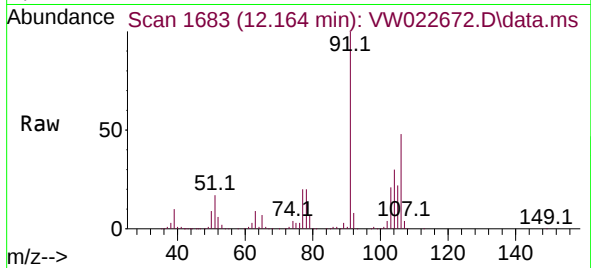




#54
o-Xylene
Concen: 27.036 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

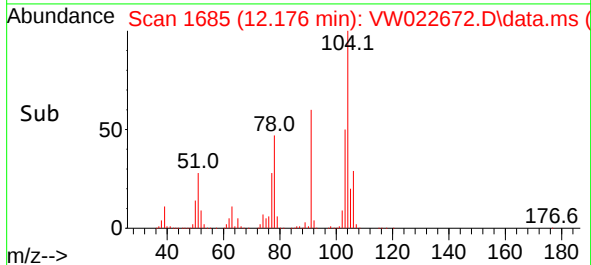
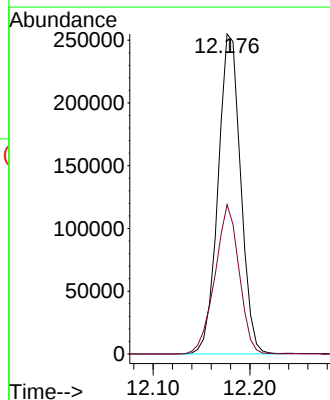
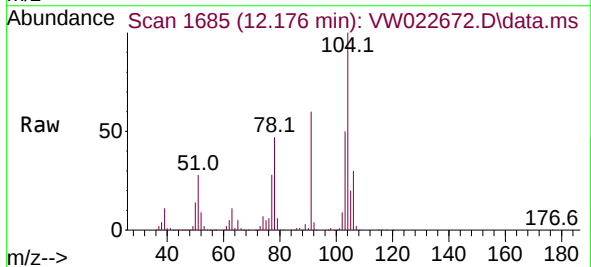
Instrument :
MSVOA_W
ClientSampleId :

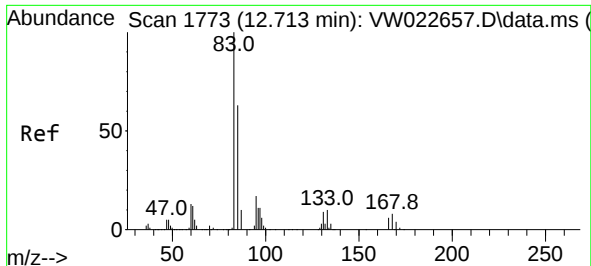
Tgt Ion:106 Resp: 241960
Ion Ratio Lower Upper
106 100
91 207.2 155.3 288.3



#55
Styrene
Concen: 27.015 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022672.D
Acq: 28 Apr 2022 19:08

Tgt Ion:104 Resp: 413071
Ion Ratio Lower Upper
104 100
78 46.7 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.116 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

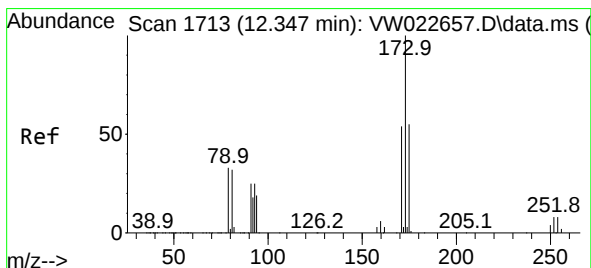
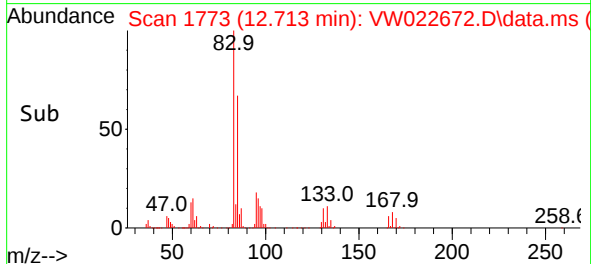
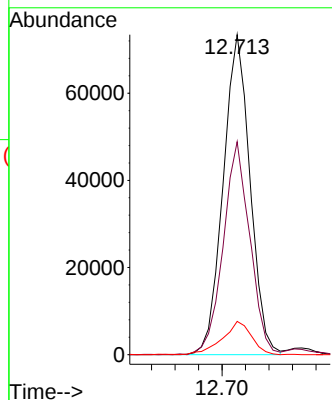
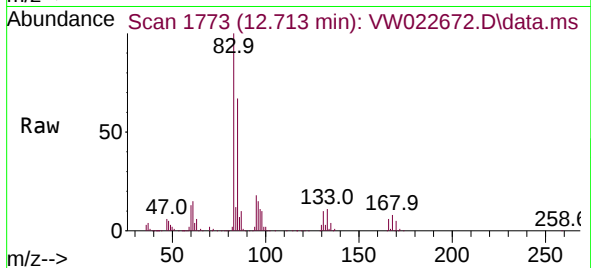
Tgt Ion: 83 Resp: 116696

Ion Ratio Lower Upper

83 100

85 66.5 45.5 84.5

131 10.4 7.8 11.8



#59

Bromoform

Concen: 24.569 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

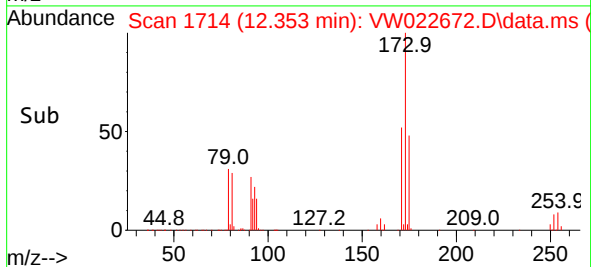
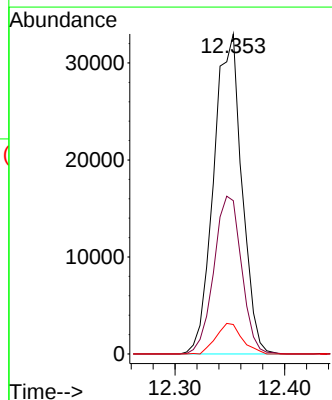
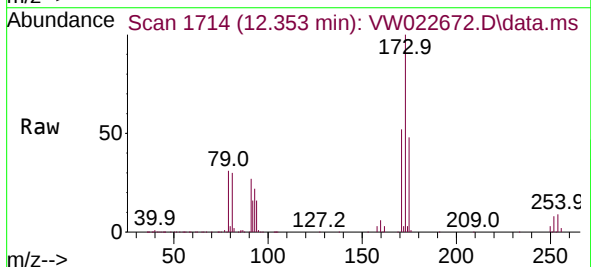
Tgt Ion:173 Resp: 58717

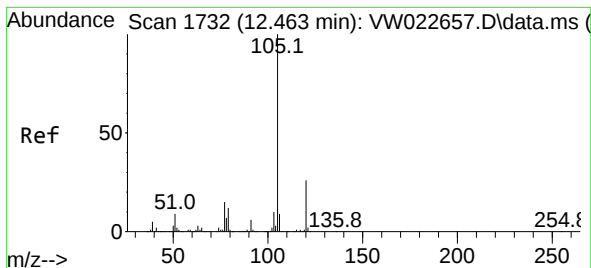
Ion Ratio Lower Upper

173 100

175 48.7 39.2 58.8

254 8.9 6.6 9.8





#60

Isopropylbenzene

Concen: 24.626 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022672.D

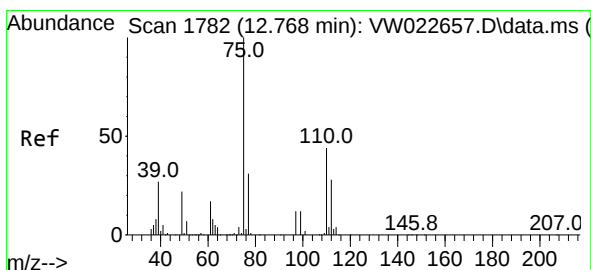
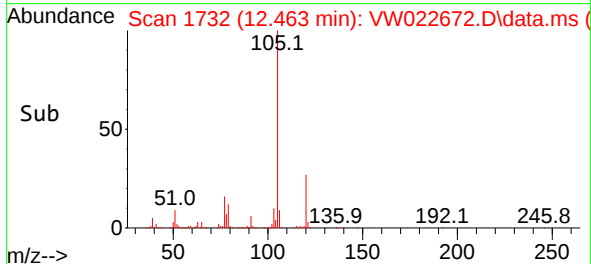
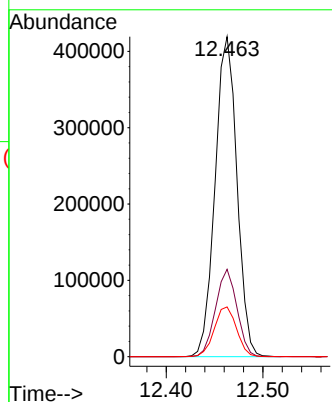
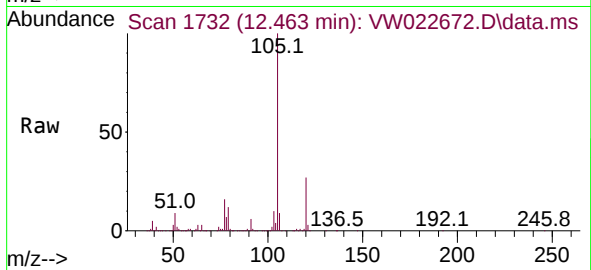
Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	657925
Ion Ratio	Lower	Upper	
105	100		
120	26.8	20.9	31.3
77	15.9	13.7	20.5



#61

1,2,3-Trichloropropane

Concen: 24.165 ug/L

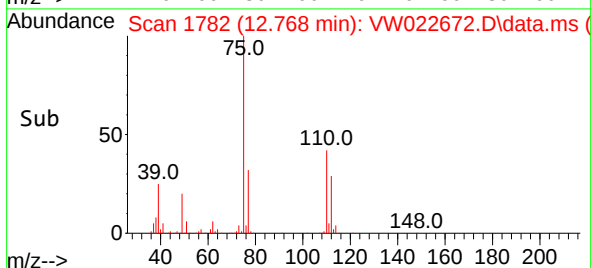
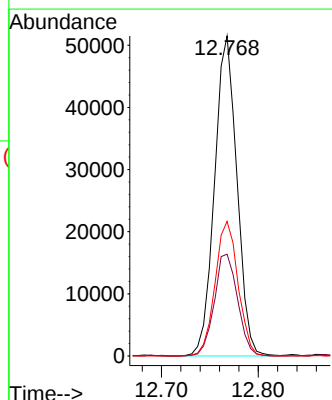
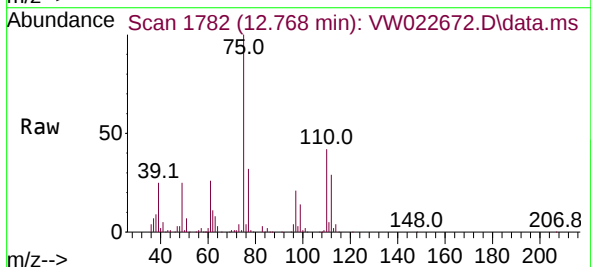
RT: 12.768 min Scan# 1782

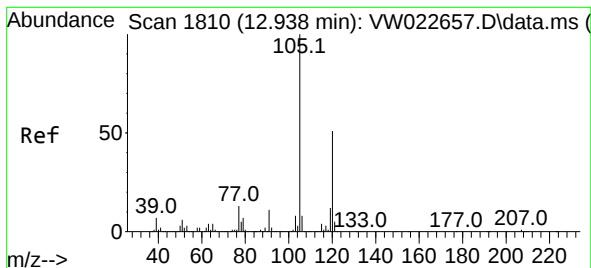
Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Tgt Ion:	75	Resp:	82673
Ion Ratio	Lower	Upper	
75	100		
77	33.1	25.7	38.5
110	43.0	31.8	47.6

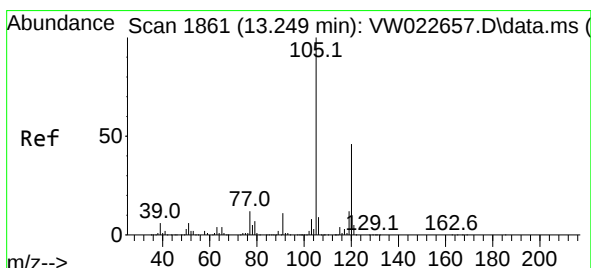
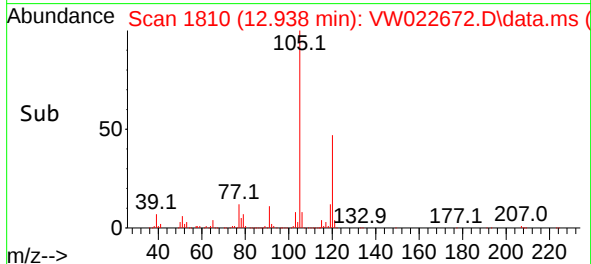
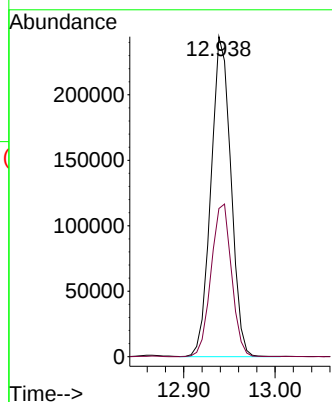
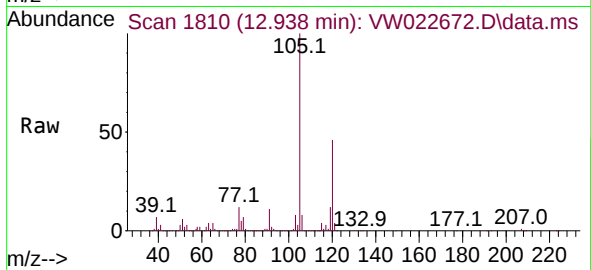




#62
 1,3,5-Trimethylbenzene
 Concen: 25.242 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

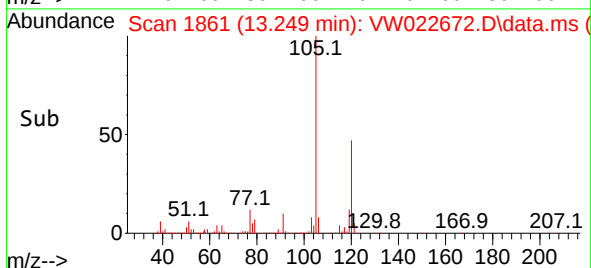
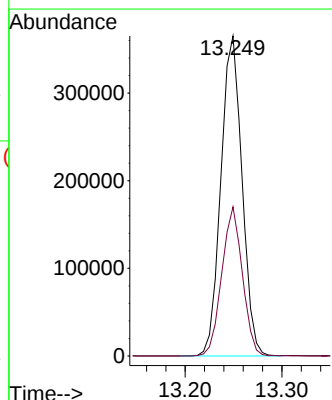
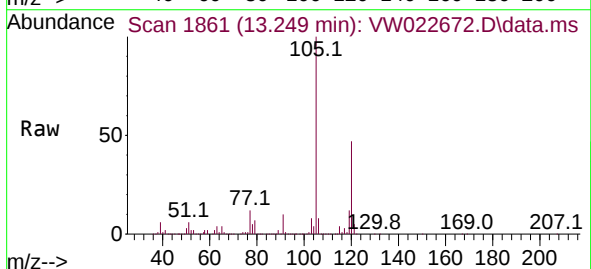
Instrument :
 MSVOA_W
 ClientSampleId :

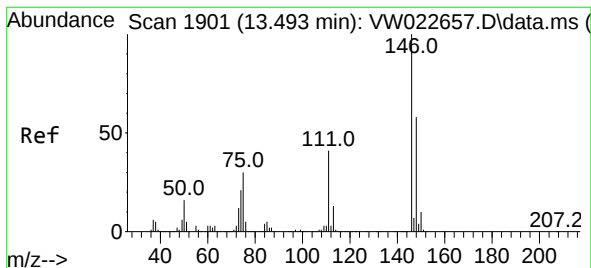
Tgt Ion:105 Resp: 370880
 Ion Ratio Lower Upper
 105 100
 120 48.9 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 24.780 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

Tgt Ion:105 Resp: 553667
 Ion Ratio Lower Upper
 105 100
 120 45.3 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 27.169 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

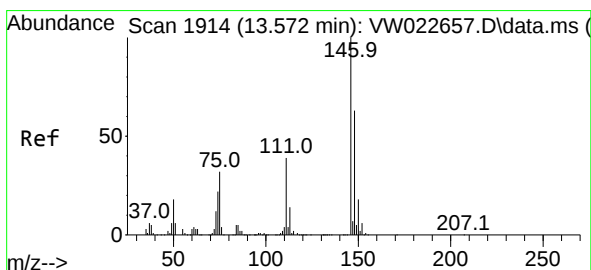
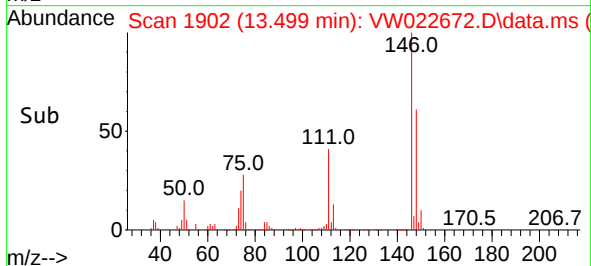
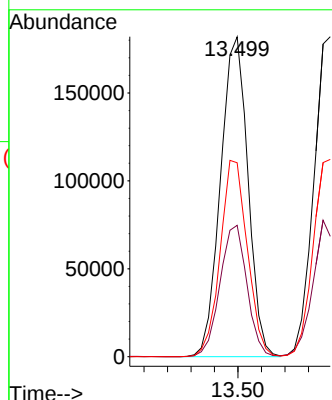
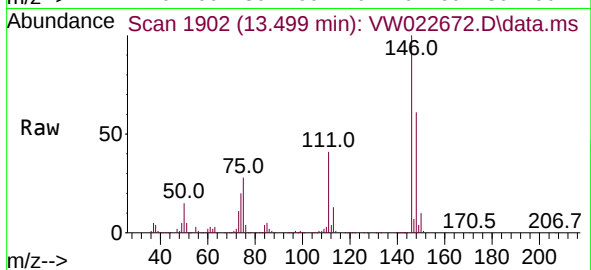
Tgt Ion:146 Resp: 294594

Ion Ratio Lower Upper

146 100

111 41.1 28.2 52.4

148 60.6 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 27.029 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

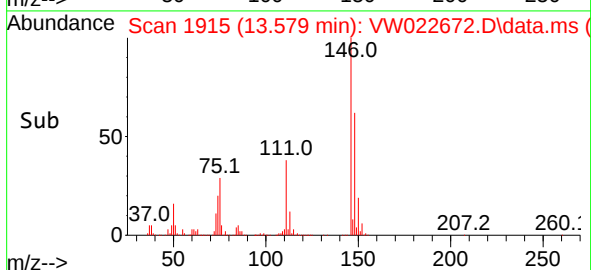
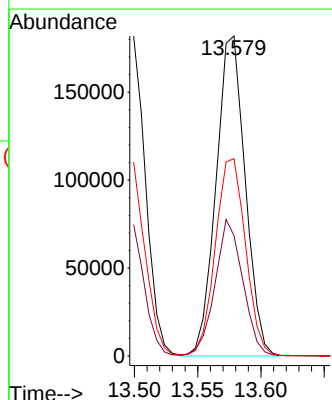
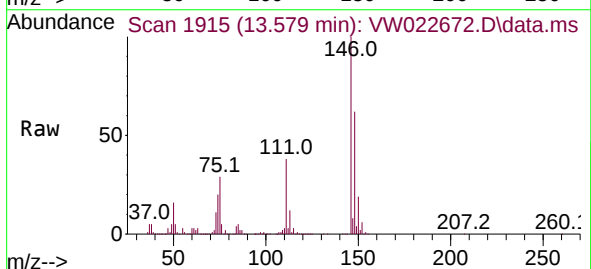
Tgt Ion:146 Resp: 292282

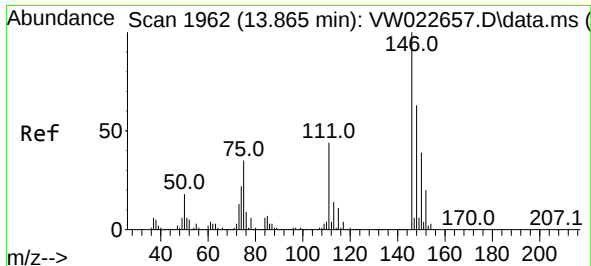
Ion Ratio Lower Upper

146 100

111 37.6 28.5 52.9

148 61.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.679 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

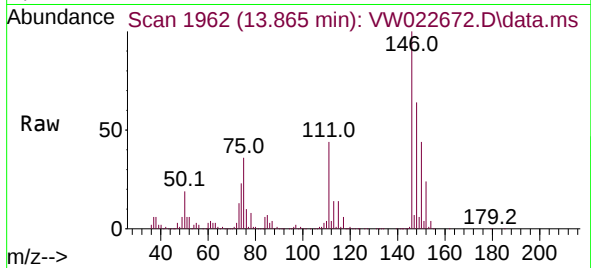
Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :



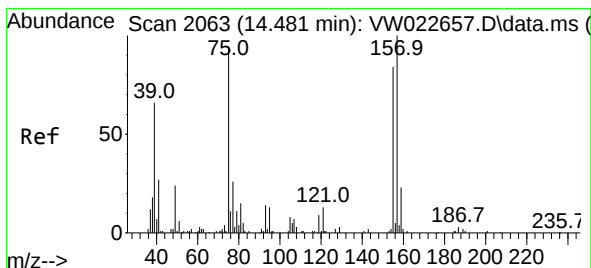
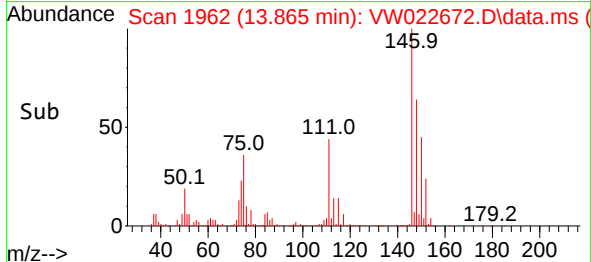
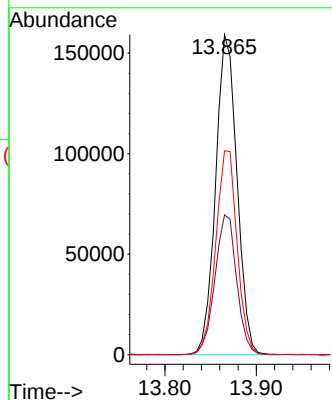
Tgt Ion:146 Resp: 258701

Ion Ratio Lower Upper

146 100

111 43.7 39.0 58.4

148 63.7 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.685 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

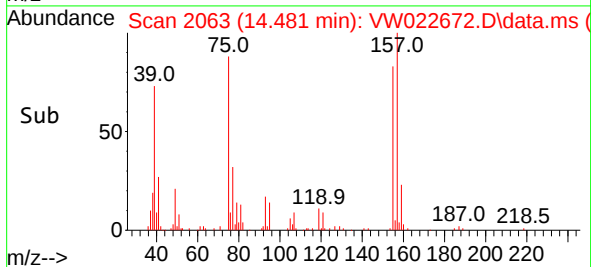
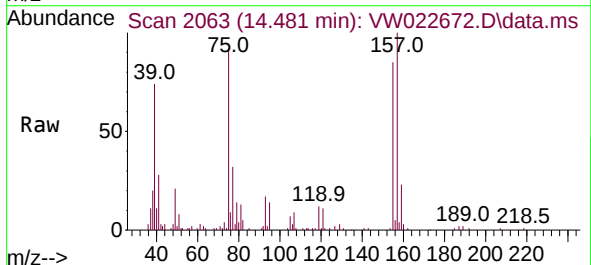
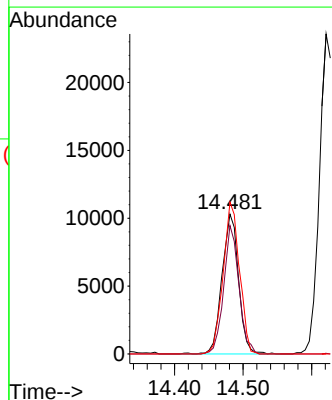
Tgt Ion: 75 Resp: 17206

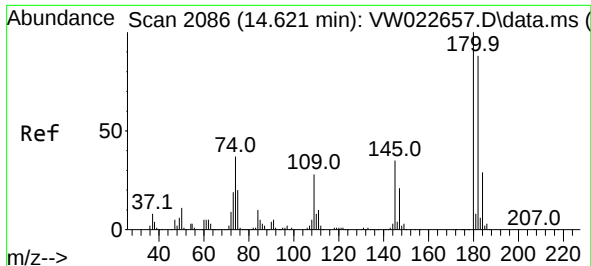
Ion Ratio Lower Upper

75 100

155 91.9 55.6 83.4#

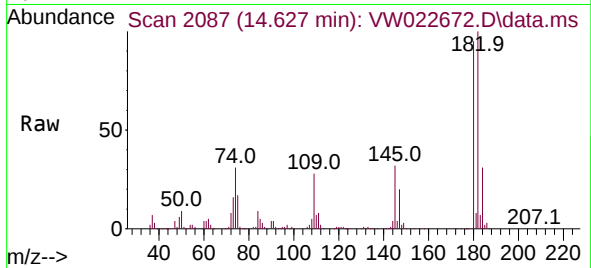
157 108.6 69.8 104.6#



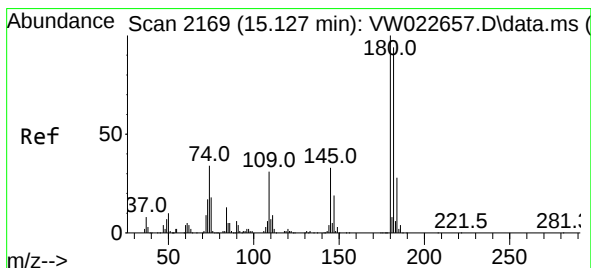
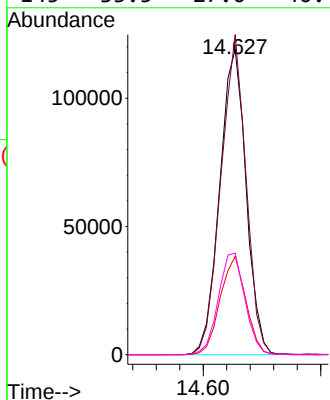
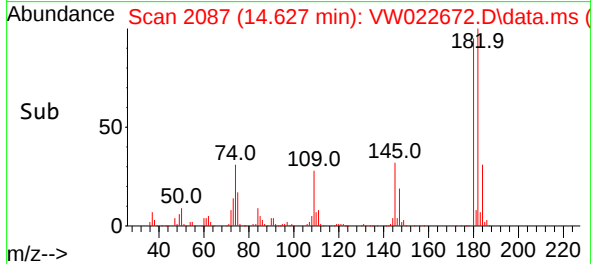


#69
 1,3,5-Trichlorobenzene
 Concen: 26.295 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08

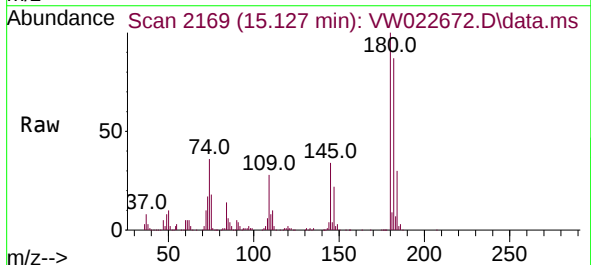
Instrument :
 MSVOA_W
 ClientSampleId :



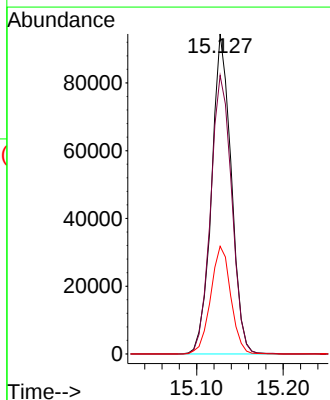
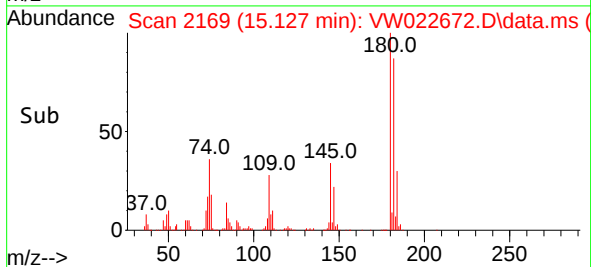
Tgt Ion:180 Resp: 186023
 Ion Ratio Lower Upper
 180 100
 182 99.3 79.1 118.7
 184 31.3 24.5 36.7
 145 33.5 27.0 40.4

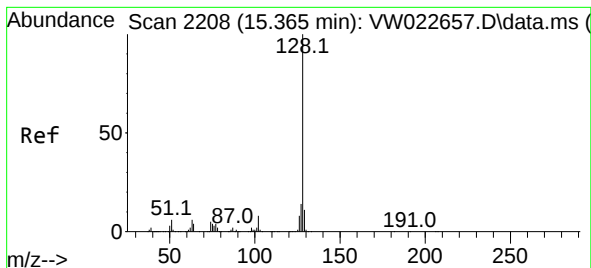


#70
 1,2,4-trichlorobenzene
 Concen: 25.051 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022672.D
 Acq: 28 Apr 2022 19:08



Tgt Ion:180 Resp: 148839
 Ion Ratio Lower Upper
 180 100
 182 93.2 72.8 109.2
 145 34.6 25.5 38.3





#71

Naphthalene

Concen: 26.030 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Instrument :

MSVOA_W

ClientSampleId :

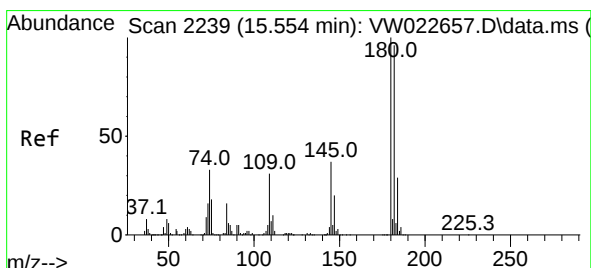
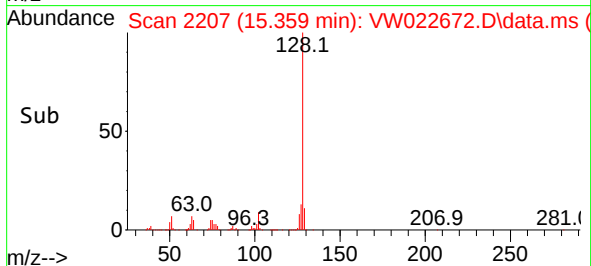
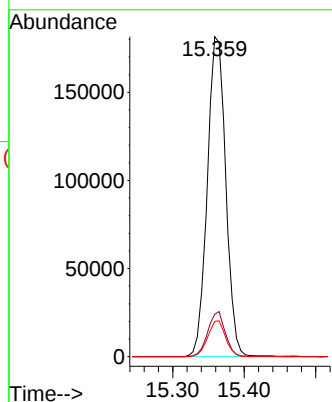
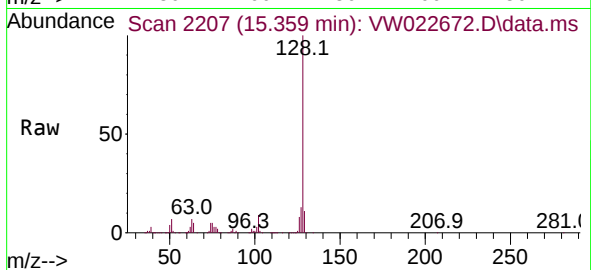
Tgt Ion:128 Resp: 326192

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.951 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022672.D

Acq: 28 Apr 2022 19:08

Tgt Ion:180 Resp: 131795

Ion Ratio Lower Upper

180 100

182 95.5 73.4 110.0

145 35.1 27.0 40.6

