

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031122\
 Data File : VW022285.D
 Acq On : 11 Mar 2022 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 11 20:58:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 03:07:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	147519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	136349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	43550	22.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.520%
7) Chloroethane-d5	2.879	69	33293	21.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
11) 1,1-Dichloroethene-d2	4.019	63	64344	21.837	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.080	46	15785	48.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.647	84	83032	25.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.305	65	40930	23.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.275	84	152473	24.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.120%
36) 1,2-Dichloropropane-d6	9.268	67	44275	25.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.323	98	150802	23.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	10.579	79	18738	23.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.920%
47) 2-Hexanone-d5	10.921	63	13363	46.104	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40188	25.985	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	60899	24.001	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	7601	18.437	ug/L	100
3) Chloromethane	2.215	50	30971	21.923	ug/L	95
5) Vinyl chloride	2.361	62	46494	21.903	ug/L	96
6) Bromomethane	2.776	94	29689	20.026	ug/L	93
8) Chloroethane	2.916	64	25952	21.764	ug/L	93
9) Trichlorofluoromethane	3.257	101	36029	25.000	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42388	24.108	ug/L	98
12) 1,1-Dichloroethene	4.038	96	34808	22.842	ug/L	97
13) Acetone	4.123	43	15153	57.348	ug/L	92
14) Carbon disulfide	4.385	76	65241	16.513	ug/L	97
15) Methyl Acetate	4.672	43	12654	21.273	ug/L	96
16) Methylene chloride	4.916	84	37957	20.962	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	37578	22.451	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	56516	24.819	ug/L	99
19) 1,1-Dichloroethane	6.214	63	68561	25.302	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	44665	24.634	ug/L	94
22) 2-Butanone	7.171	43	20458	53.899	ug/L	99
23) Bromochloromethane	7.513	128	21283	24.029	ug/L	81
25) Chloroform	7.677	83	81173	25.674	ug/L	95

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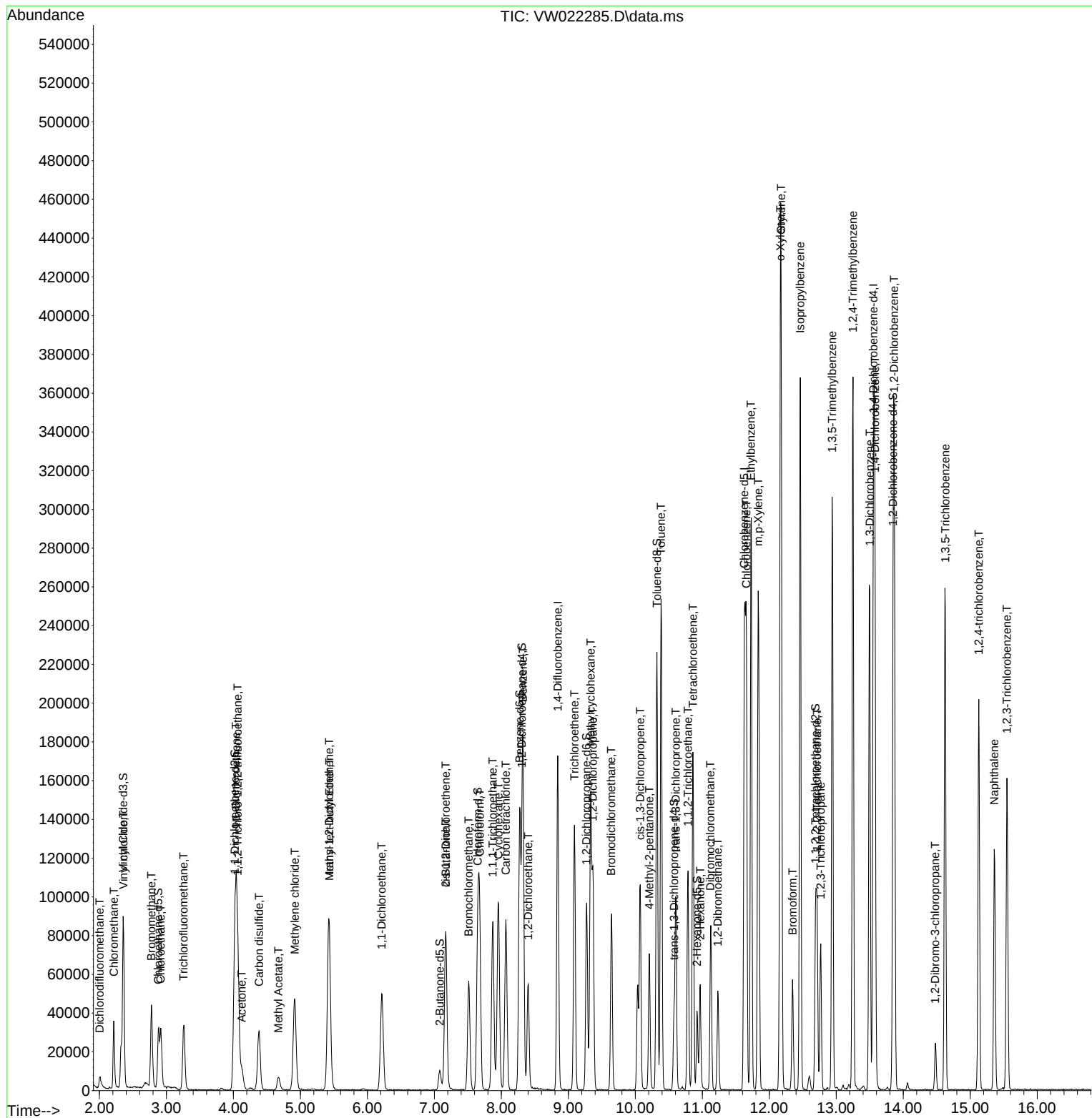
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48198	24.750	ug/L	99
29) Cyclohexane	7.958	56	49830	21.960	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	69687	25.404	ug/L	98
31) Carbon tetrachloride	8.067	117	65094	24.968	ug/L	98
33) Benzene	8.323	78	160318	24.319	ug/L	100
34) Trichloroethene	9.092	95	44867	23.771	ug/L	92
35) Methylcyclohexane	9.336	83	65355	22.386	ug/L	99
37) 1,2-Dichloropropane	9.366	63	39065	25.401	ug/L	98
38) Bromodichloromethane	9.640	83	58394	26.477	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	62386	26.687	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	41599	50.088	ug/L	99
42) Toluene	10.384	91	188267	25.233	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	54846	26.108	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	34987	25.655	ug/L	97
46) Tetrachloroethene	10.860	164	38744	23.432	ug/L	92
48) 2-Hexanone	10.969	43	32001	55.516	ug/L	99
49) Dibromochloromethane	11.122	129	44270	26.725	ug/L	97
50) 1,2-Dibromoethane	11.232	107	31661	24.070	ug/L #	98
51) Chlorobenzene	11.658	112	133736	25.756	ug/L	97
52) Ethylbenzene	11.725	91	214424	25.968	ug/L	98
53) m,p-Xylene	11.835	106	88338	25.999	ug/L	97
54) o-Xylene	12.164	106	85287	26.677	ug/L	98
55) Styrene	12.176	104	145522	27.152	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	40382	25.521	ug/L	96
59) Bromoform	12.347	173	25170	24.094	ug/L	97
60) Isopropylbenzene	12.463	105	240064	25.315	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	28773	23.077	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	160795	25.499	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	198906	25.810	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	115522	24.557	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	115096	24.415	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	104199	24.914	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.475	75	5591	21.212	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.627	180	83330	24.680	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	63245	24.756	ug/L	99
71) Naphthalene	15.359	128	109050	24.180	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	53590	24.252	ug/L	97

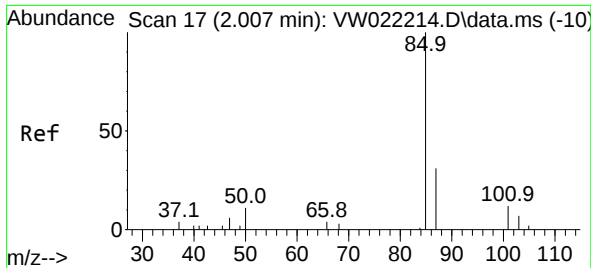
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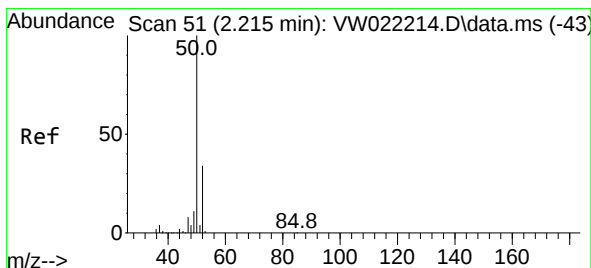
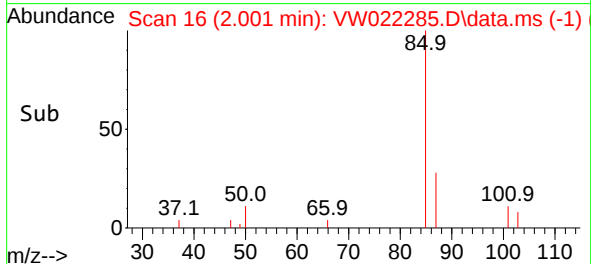
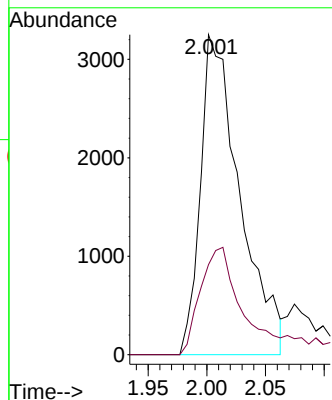
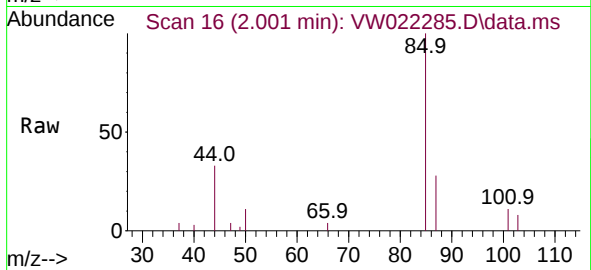




#2
Dichlorodifluoromethane
Concen: 18.437 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

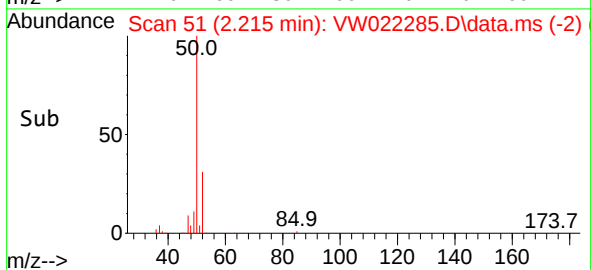
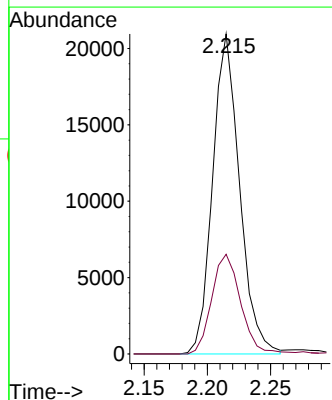
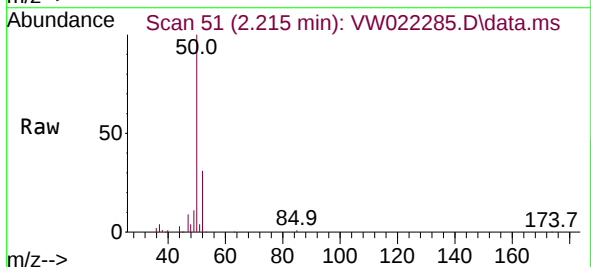
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ClientSampleId :

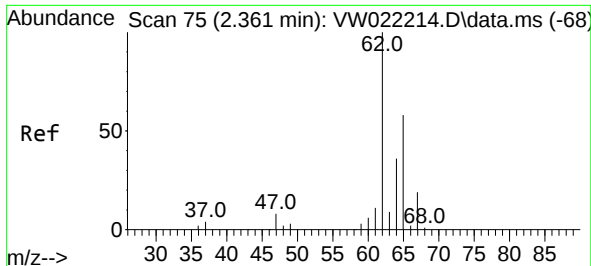
Tgt Ion: 85 Resp: 7601
Ion Ratio Lower Upper
85 100
87 34.6 27.6 41.4



#3
Chloromethane
Concen: 21.923 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion: 50 Resp: 30971
Ion Ratio Lower Upper
50 100
52 31.1 23.9 44.5



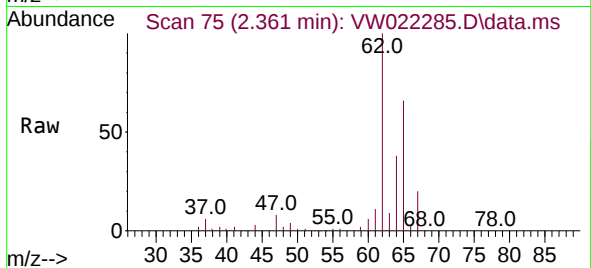


#5
 Vinyl chloride
 Concen: 21.903 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022285.D
 Acq: 11 Mar 2022 08:40

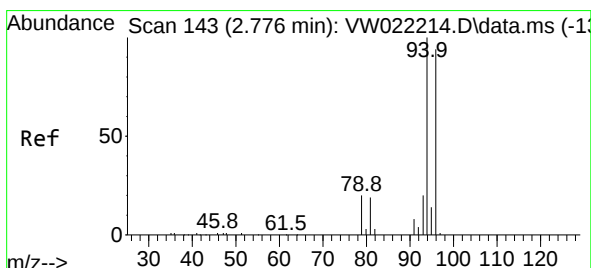
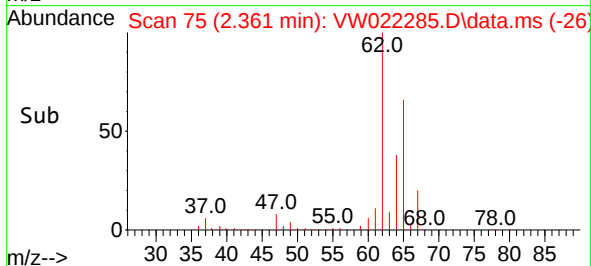
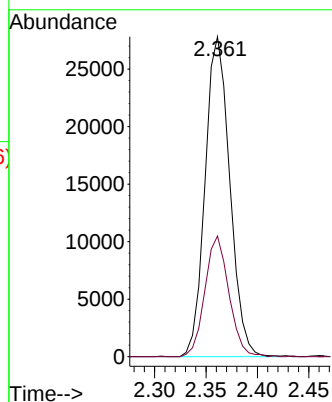
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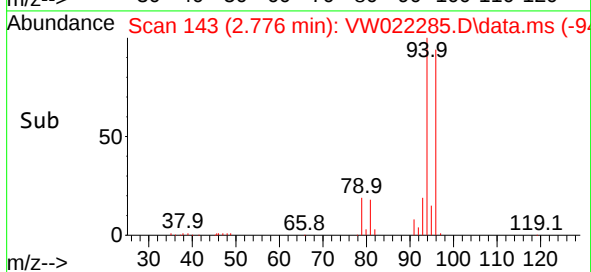
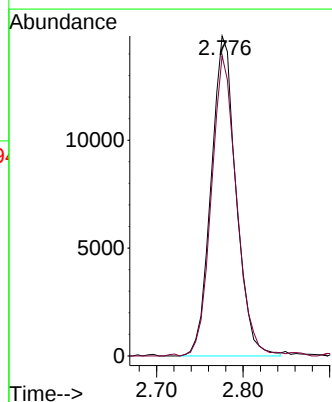
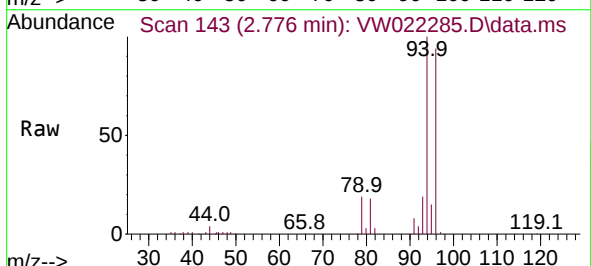


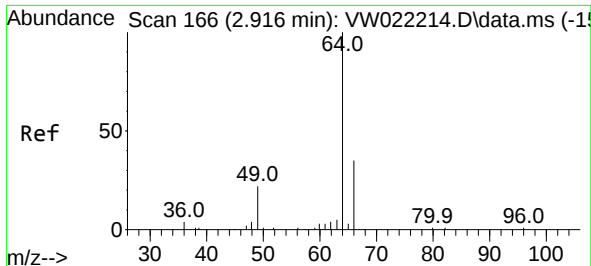
Tgt Ion: 62 Resp: 46494
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.7 45.9



#6
 Bromomethane
 Concen: 20.026 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022285.D
 Acq: 11 Mar 2022 08:40

Tgt Ion: 94 Resp: 29689
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.2 113.8

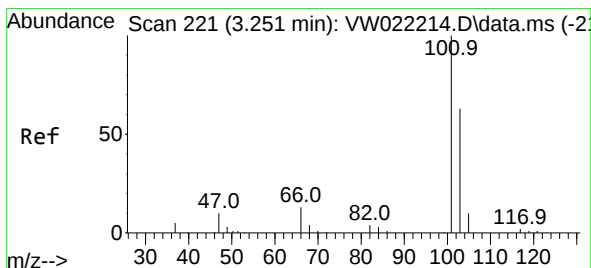
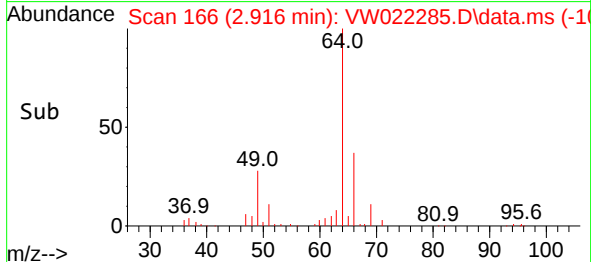
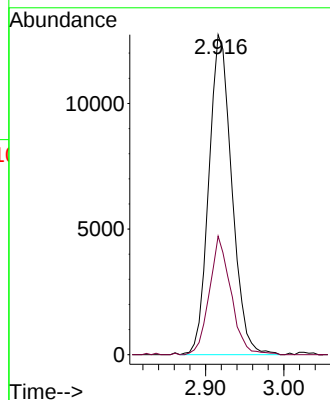
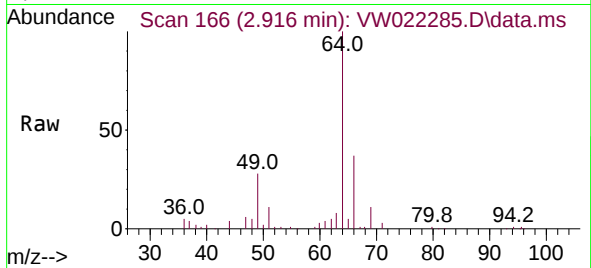




#8
Chloroethane
Concen: 21.764 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

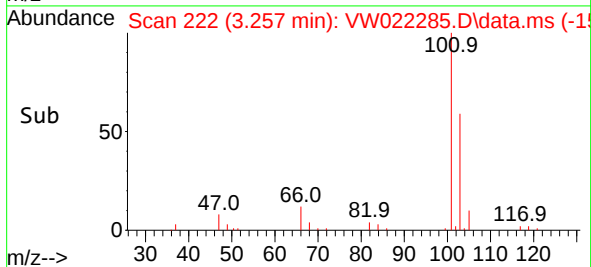
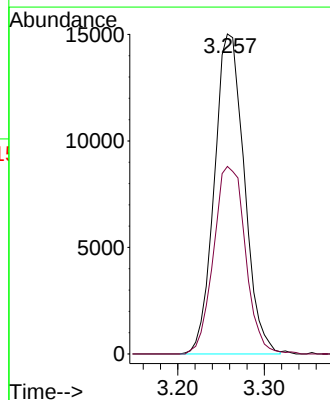
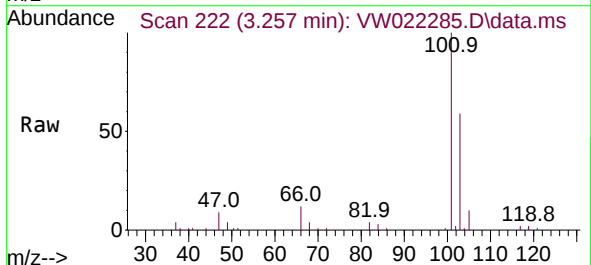
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MSVOA_W
ClientSampleId :

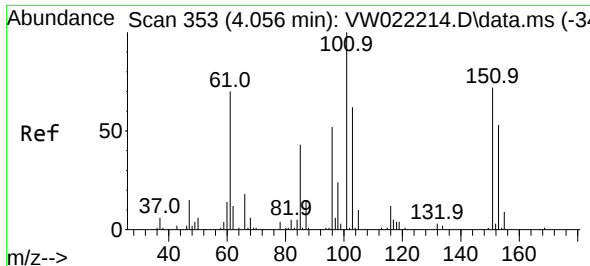
Tgt Ion: 64 Resp: 25952
Ion Ratio Lower Upper
64 100
66 37.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 25.000 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion:101 Resp: 36029
Ion Ratio Lower Upper
101 100
103 62.2 53.2 79.8

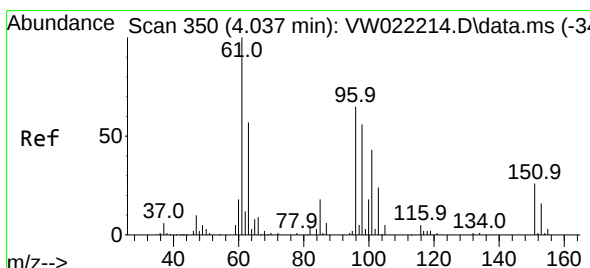
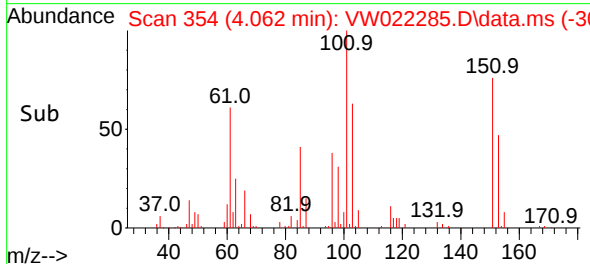
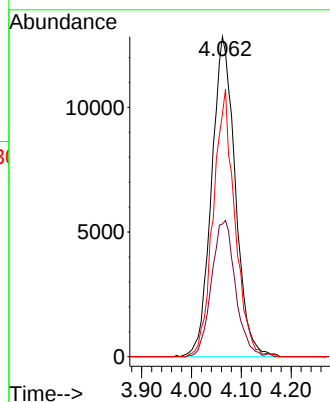
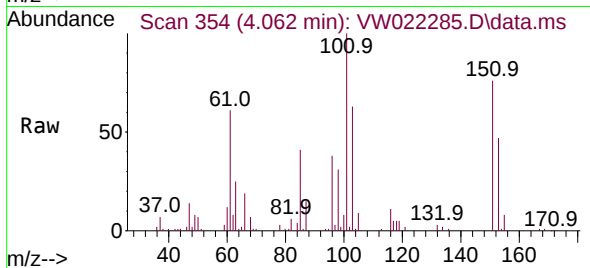




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.108 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW022285.D
 Acq: 11 Mar 2022 08:40

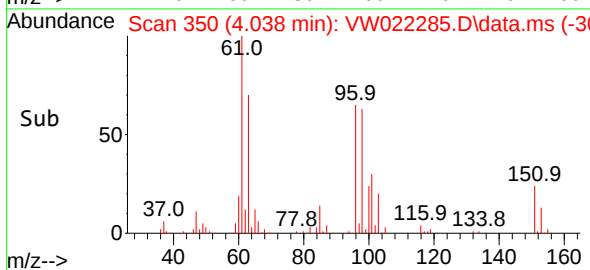
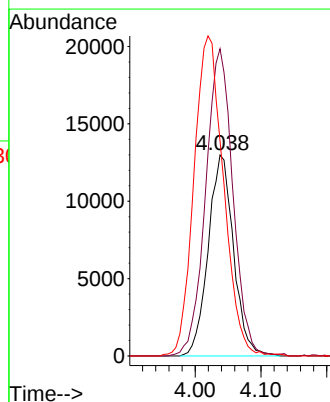
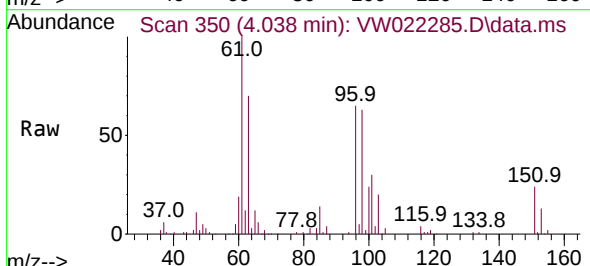
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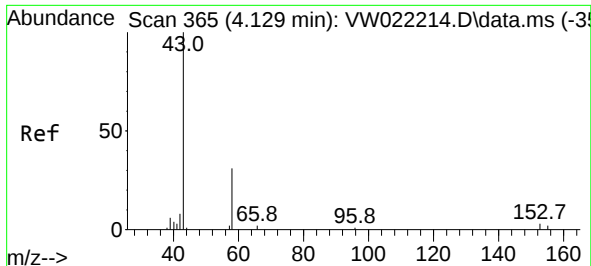
Tgt Ion:101 Resp: 42388
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.4 51.6
 151 75.9 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 22.842 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022285.D
 Acq: 11 Mar 2022 08:40

Tgt Ion: 96 Resp: 34808
 Ion Ratio Lower Upper
 96 100
 61 152.9 108.4 201.2
 63 107.0 72.0 133.6

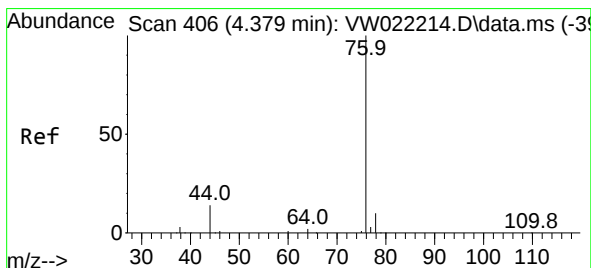
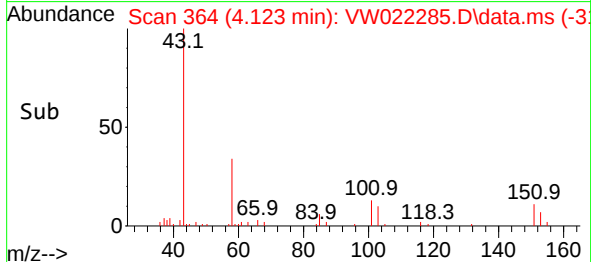
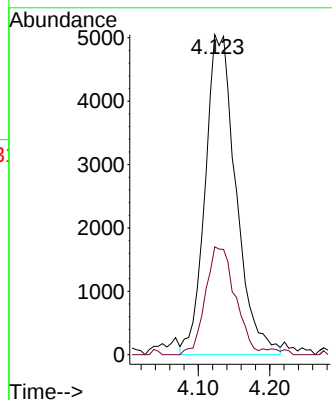
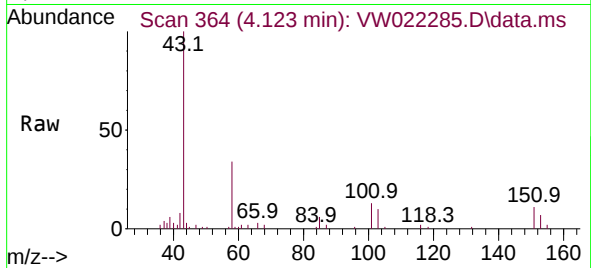




#13
Acetone
Concen: 57.348 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

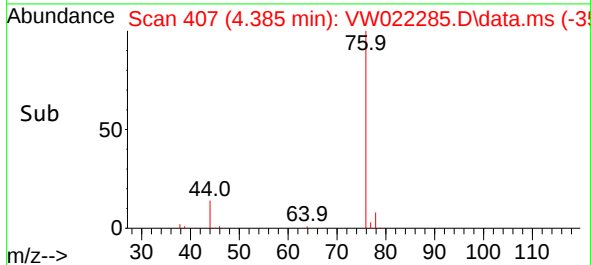
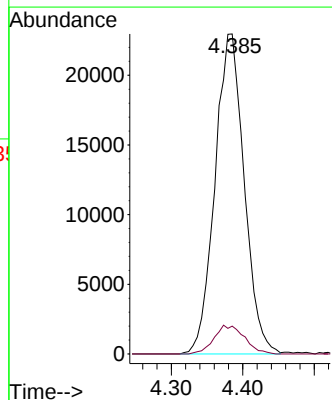
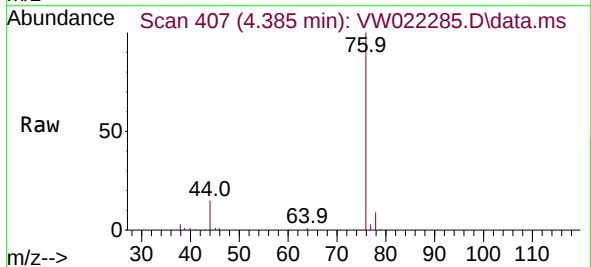
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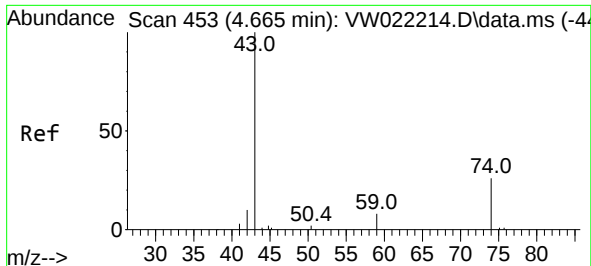
Tgt Ion: 43 Resp: 15153
Ion Ratio Lower Upper
43 100
58 30.2 0.0 69.2



#14
Carbon disulfide
Concen: 16.513 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 65241
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

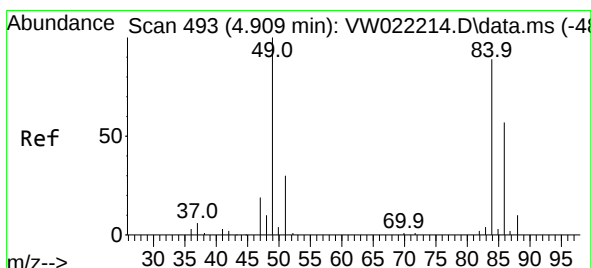
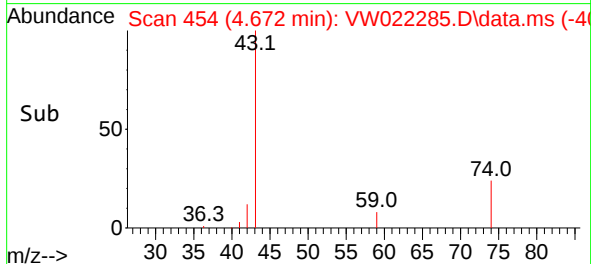
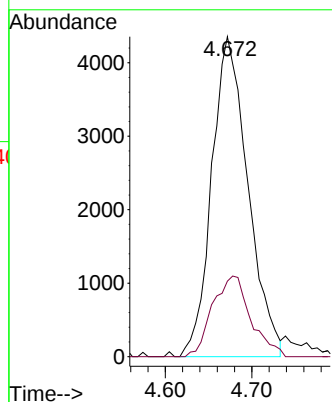
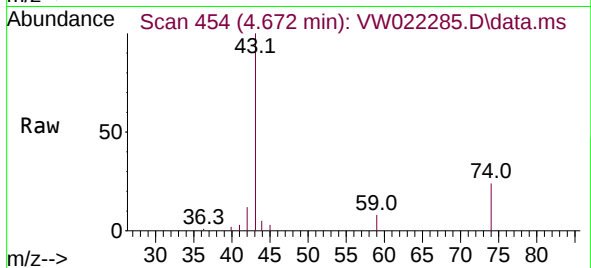




#15
Methyl Acetate
Concen: 21.273 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

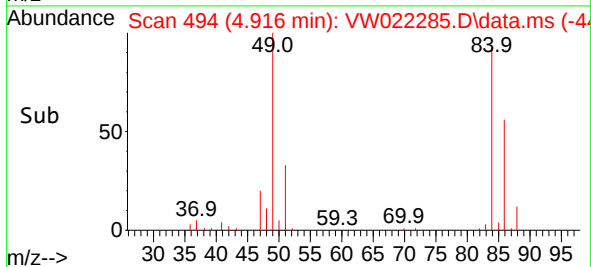
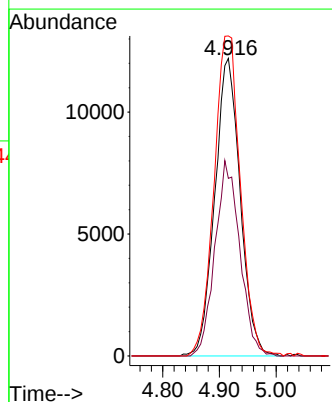
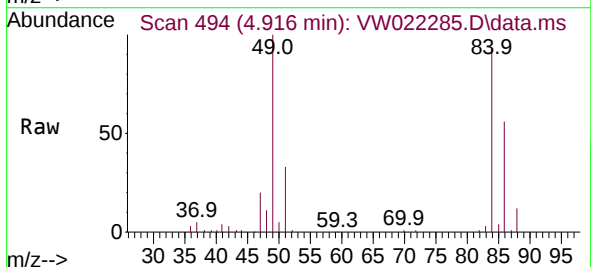
Instrument :
MSVOA_W
ClientSampleId :

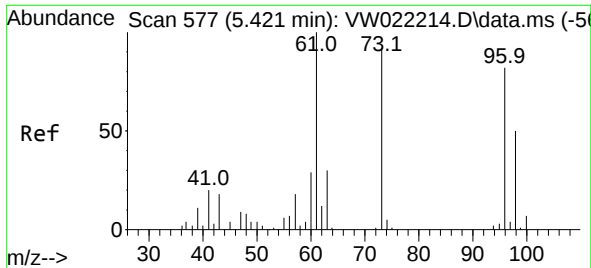
Tgt Ion: 43 Resp: 12654
Ion Ratio Lower Upper
43 100
74 26.5 23.0 34.6



#16
Methylene chloride
Concen: 20.962 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion: 84 Resp: 37957
Ion Ratio Lower Upper
84 100
86 59.7 45.8 85.0
49 107.5 73.8 137.0

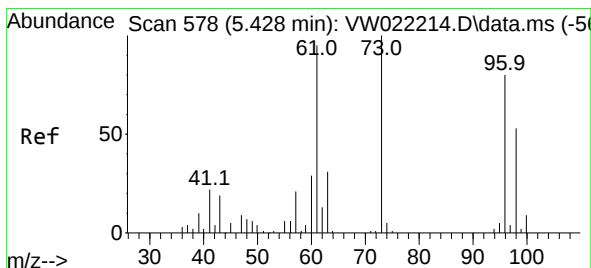
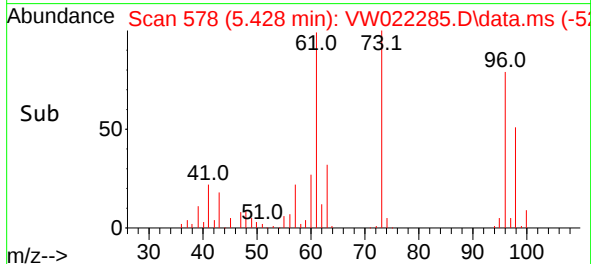
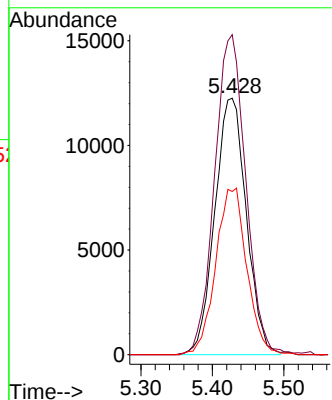
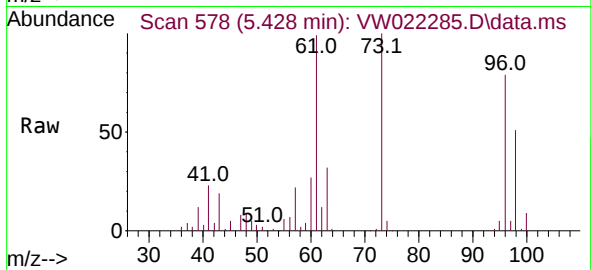




#17
trans-1,2-Dichloroethene
Concen: 22.451 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

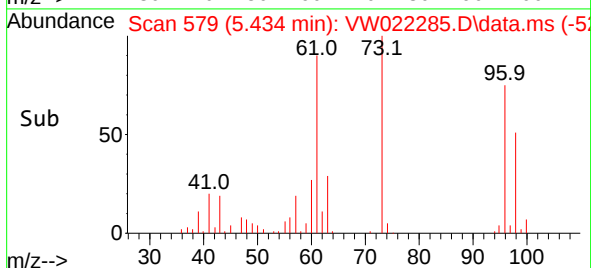
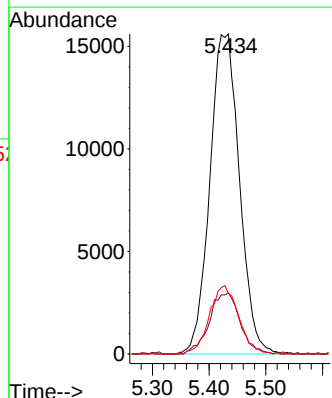
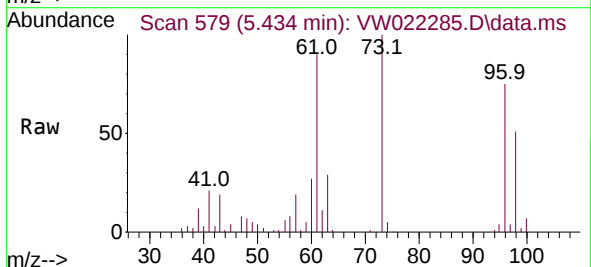
Instrument :
MSVOA_W
ClientSampleId :

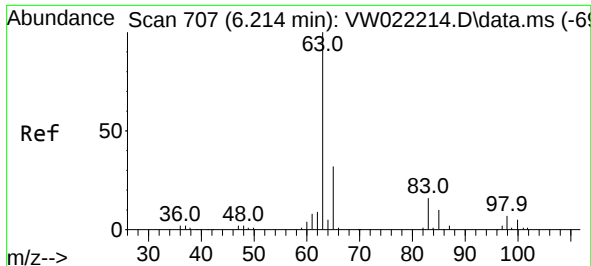
Tgt Ion: 96 Resp: 37578
Ion Ratio Lower Upper
96 100
61 124.8 87.3 162.1
98 63.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 24.819 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion: 73 Resp: 56516
Ion Ratio Lower Upper
73 100
43 19.8 15.4 23.2
57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.302 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022285.D

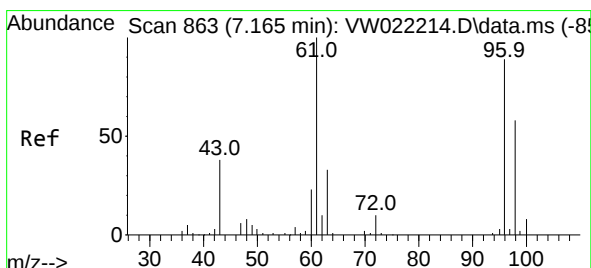
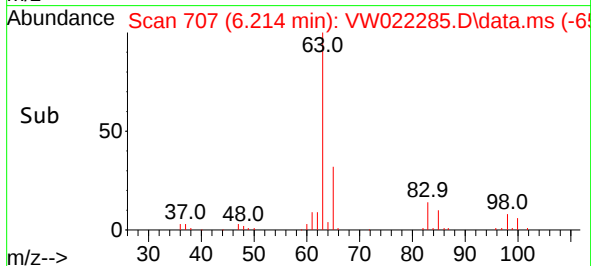
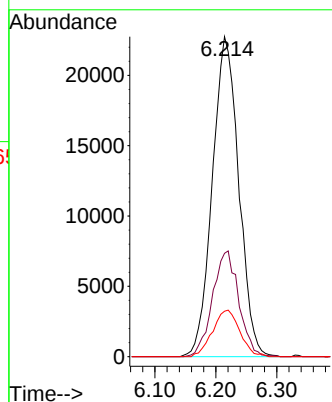
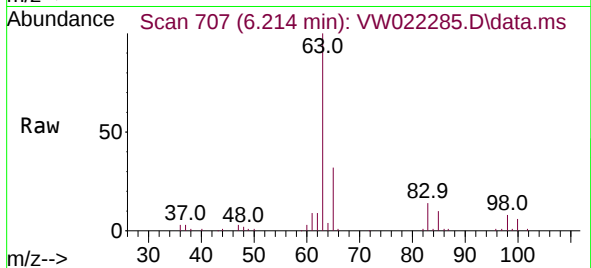
Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 68561
Ion Ratio	Lower Upper
63 100	
65 32.3	22.5 41.9
83 14.2	11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 24.634 ug/L

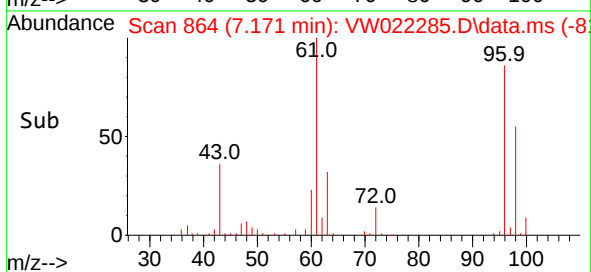
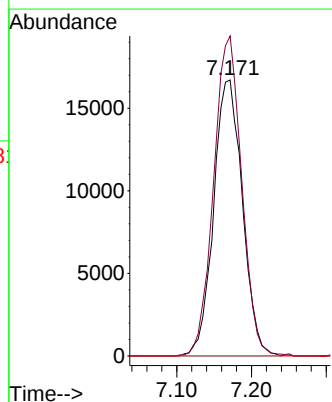
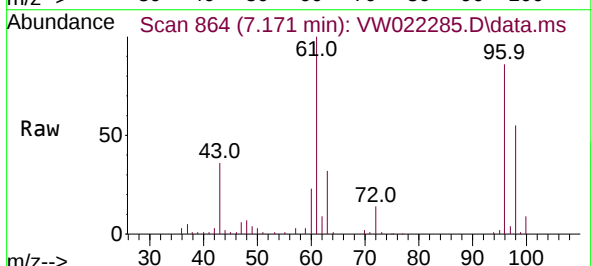
RT: 7.171 min Scan# 864

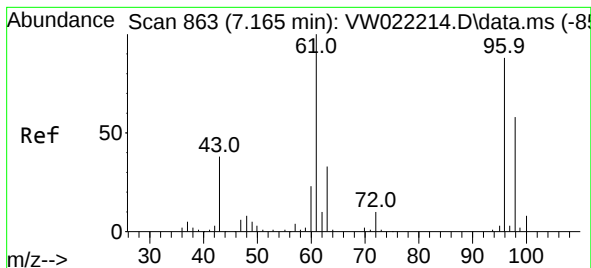
Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Tgt Ion: 96	Resp: 44665
Ion Ratio	Lower Upper
96 100	
61 115.9	76.8 142.6
68 0.0	0.0 0.0





#22

2-Butanone

Concen: 53.899 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

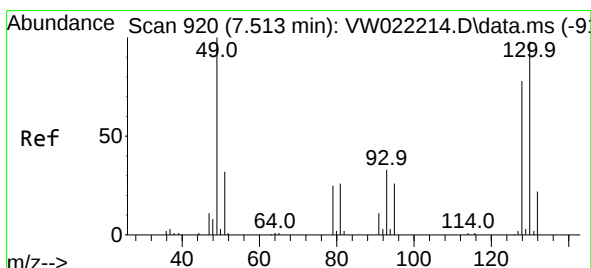
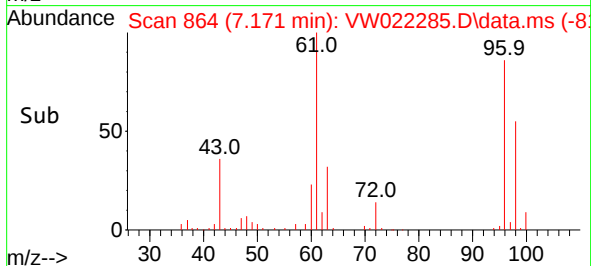
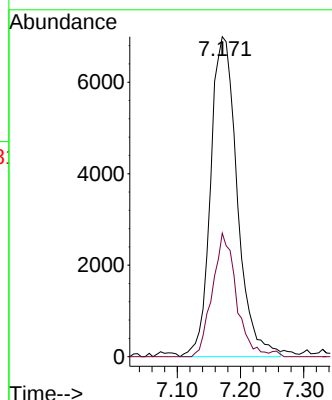
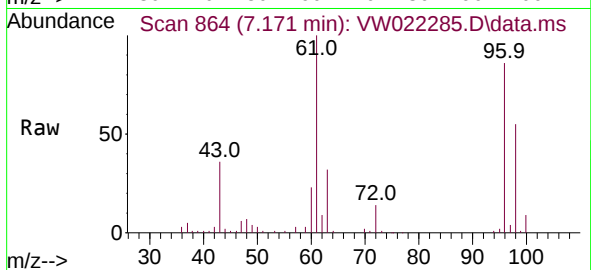
ClientSampleId :

Tgt Ion: 43 Resp: 20458

Ion Ratio Lower Upper

43 100

72 34.5 17.0 51.0



#23

Bromochloromethane

Concen: 24.029 ug/L

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Tgt Ion: 128 Resp: 21283

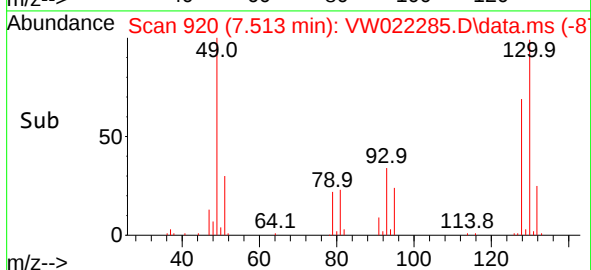
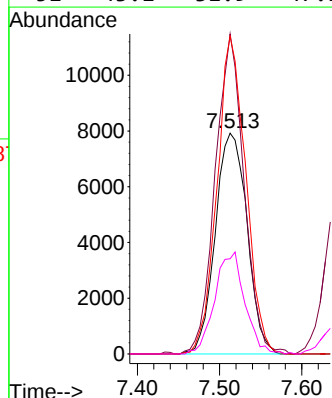
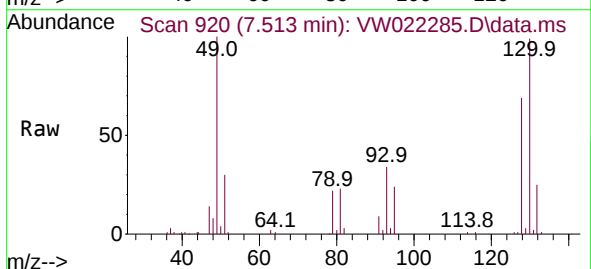
Ion Ratio Lower Upper

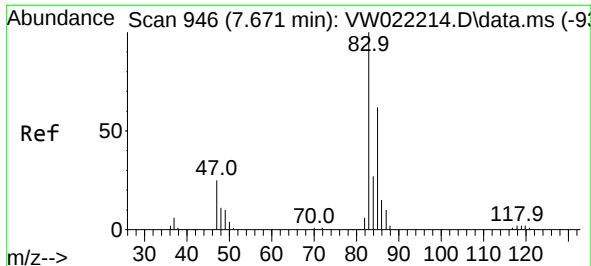
128 100

49 144.9 84.2 156.4

130 143.8 84.8 157.4

51 43.1 31.9 47.9

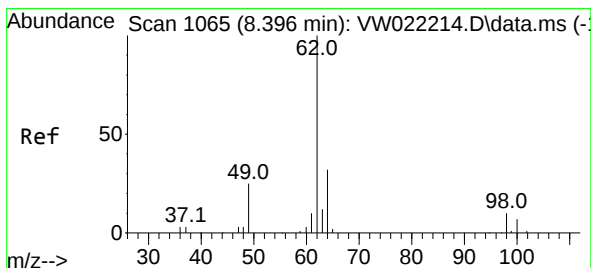
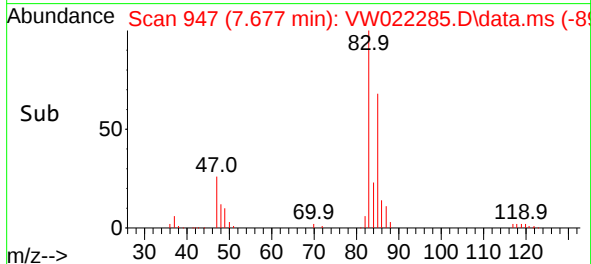
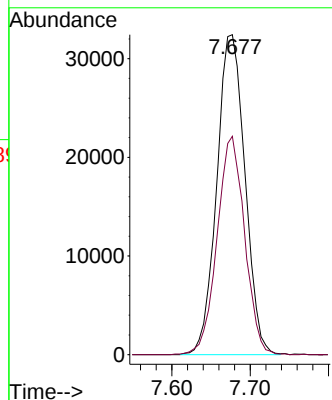
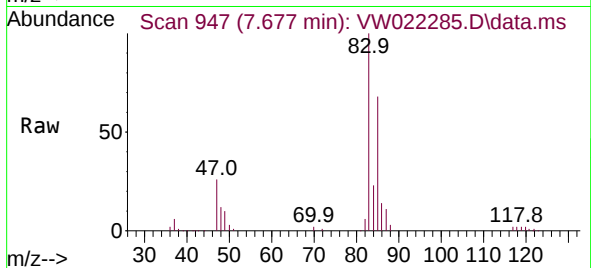




#25
Chloroform
Concen: 25.674 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

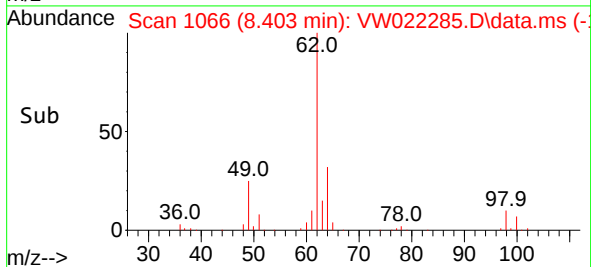
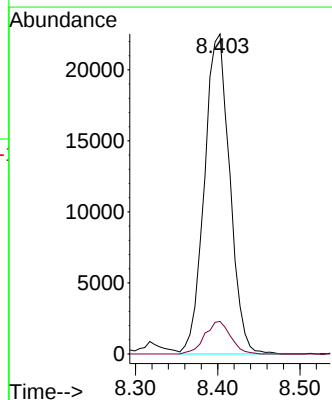
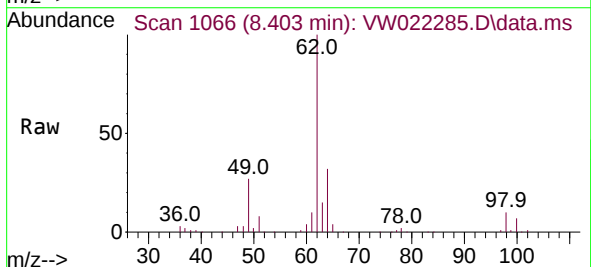
Instrument :
MSVOA_W
ClientSampleId :

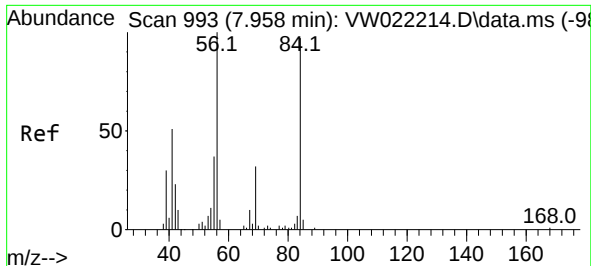
Tgt Ion: 83 Resp: 81173
Ion Ratio Lower Upper
83 100
85 68.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 24.750 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

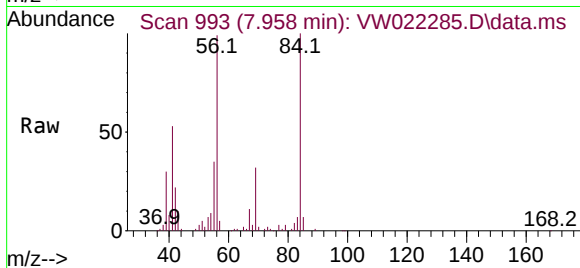
Tgt Ion: 62 Resp: 48198
Ion Ratio Lower Upper
62 100
98 10.2 7.9 11.9



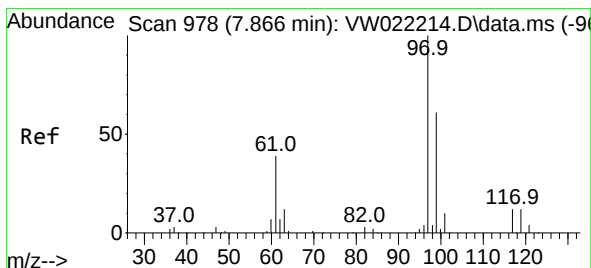
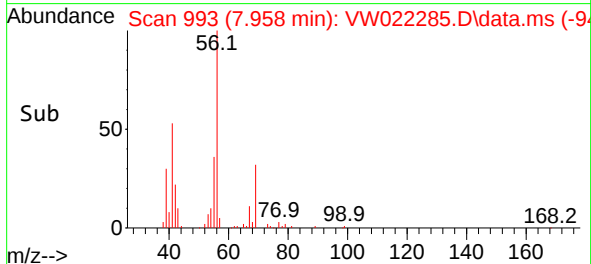
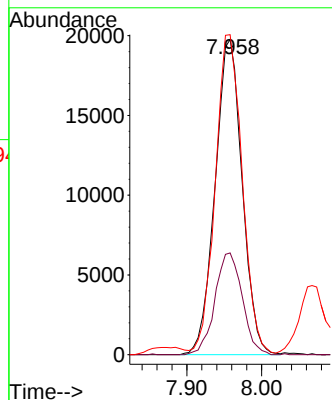


#29
Cyclohexane
Concen: 21.960 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Instrument :
MSVOA_W
ClientSampleId :

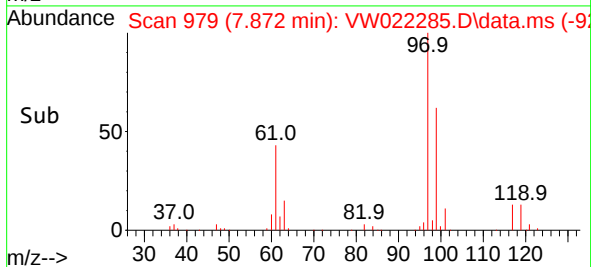
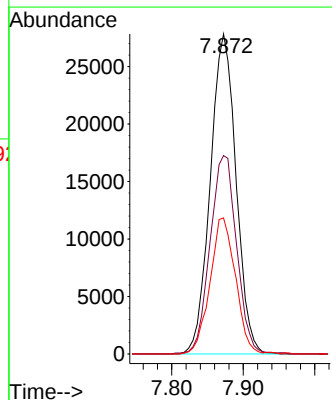
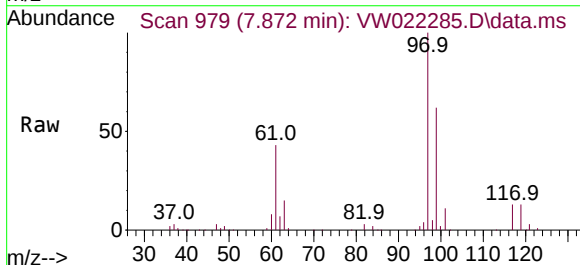


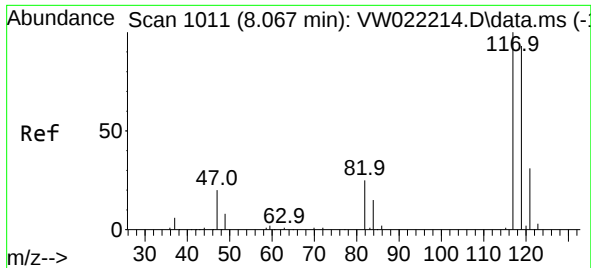
Tgt Ion: 56 Resp: 49830
Ion Ratio Lower Upper
56 100
69 32.5 26.3 39.5
84 101.1 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 25.404 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion: 97 Resp: 69687
Ion Ratio Lower Upper
97 100
99 64.0 52.6 78.8
61 41.9 33.0 49.6

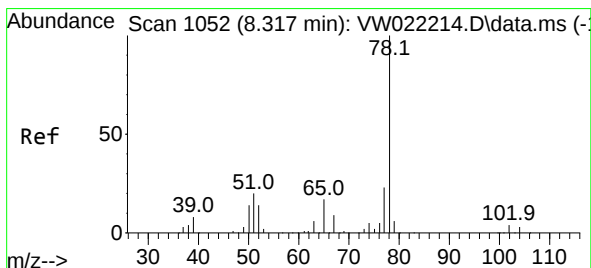
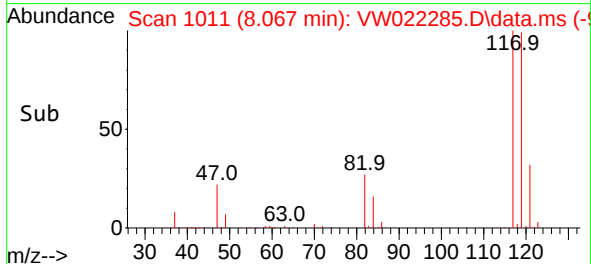
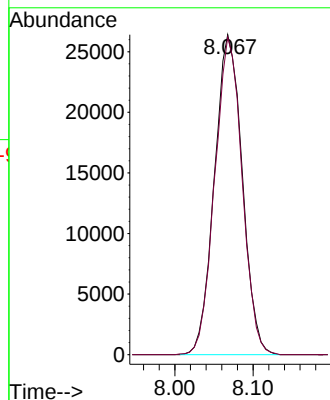
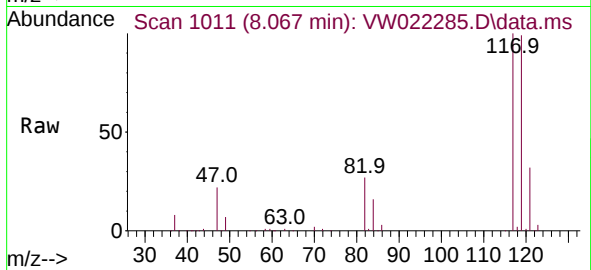




#31
Carbon tetrachloride
Concen: 24.968 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

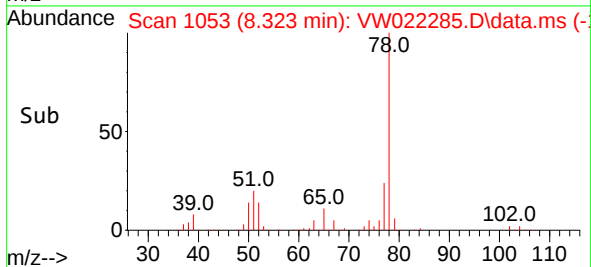
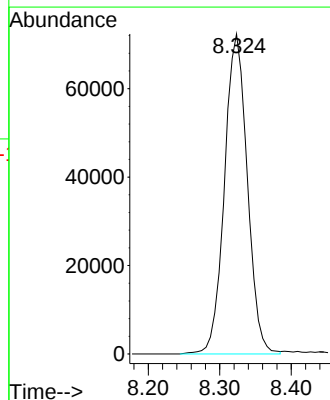
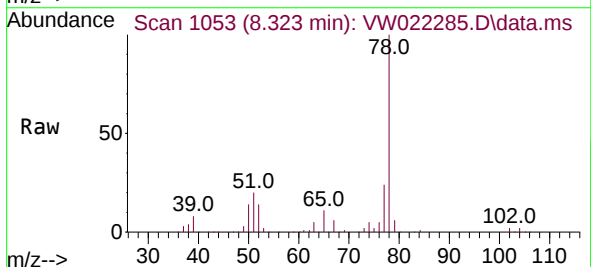
Instrument :
MSVOA_W
ClientSampleId :

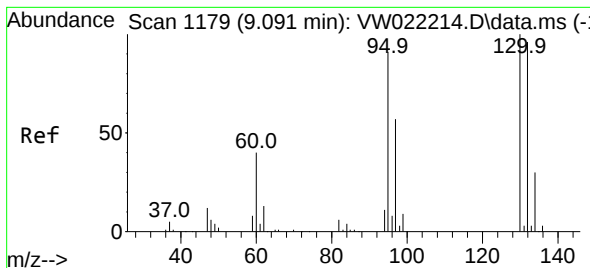
Tgt Ion:117 Resp: 65094
Ion Ratio Lower Upper
117 100
119 97.4 76.7 115.1



#33
Benzene
Concen: 24.319 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion: 78 Resp: 160318





#34

Trichloroethene

Concen: 23.771 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

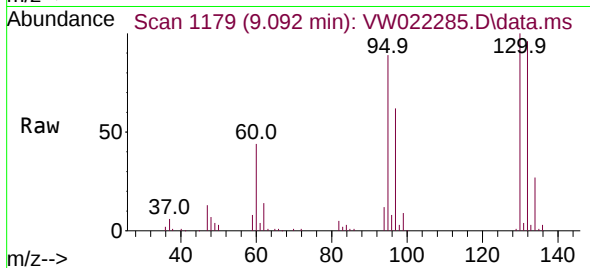
Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 44867

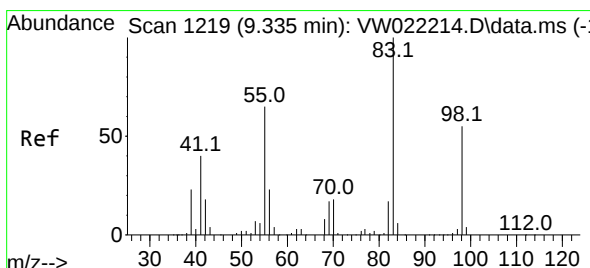
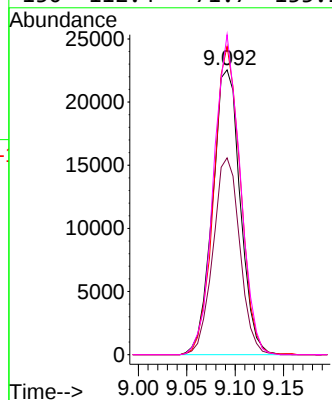
Ion Ratio Lower Upper

95 100

97 69.1 44.4 82.4

132 108.3 71.7 133.1

130 112.4 71.7 133.1



#35

Methylcyclohexane

Concen: 22.386 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

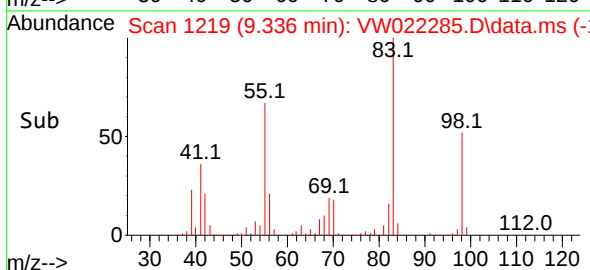
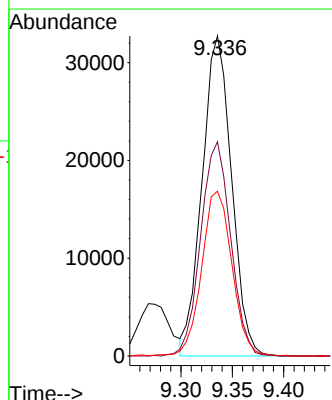
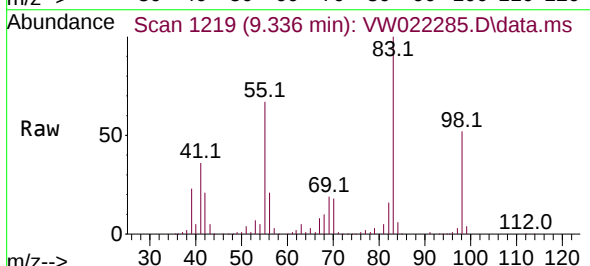
Tgt Ion: 83 Resp: 65355

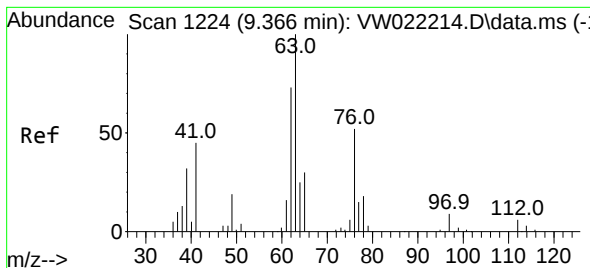
Ion Ratio Lower Upper

83 100

55 68.0 53.8 80.8

98 53.0 42.1 63.1





#37

1,2-Dichloropropane

Concen: 25.401 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

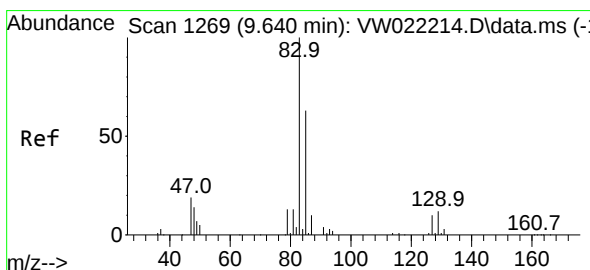
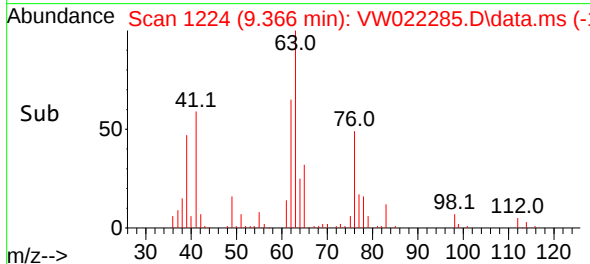
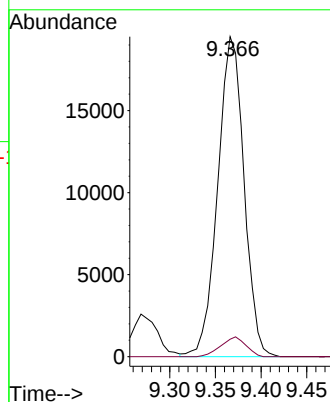
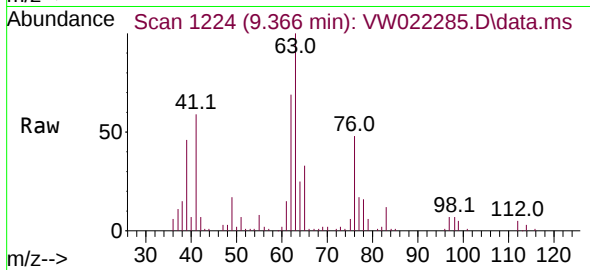
ClientSampleId :

Tgt Ion: 63 Resp: 39065

Ion Ratio Lower Upper

63 100

112 5.9 4.1 6.1



#38

Bromodichloromethane

Concen: 26.477 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

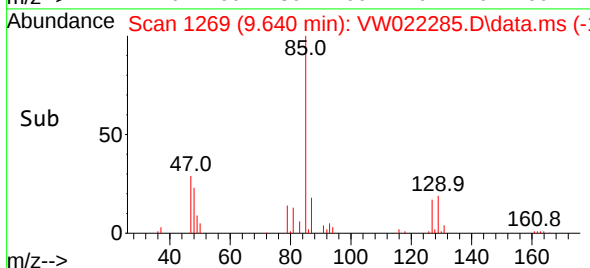
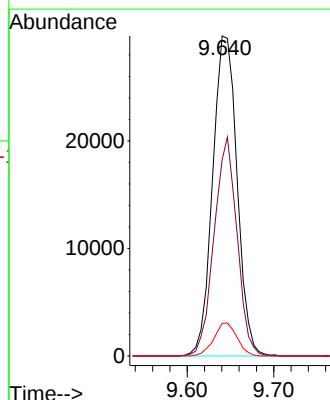
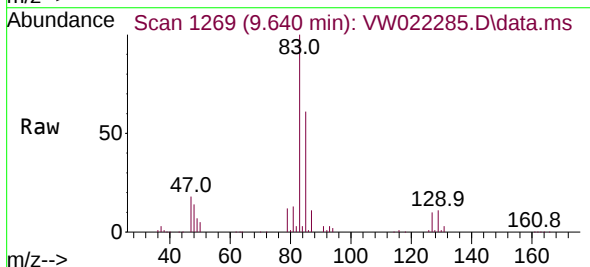
Tgt Ion: 83 Resp: 58394

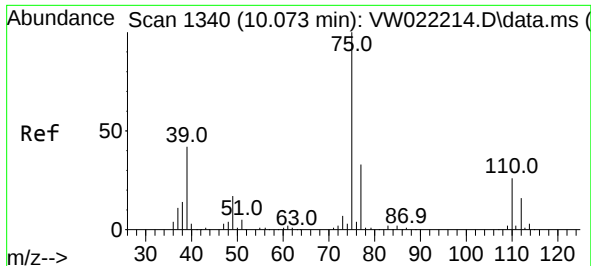
Ion Ratio Lower Upper

83 100

85 61.2 47.9 89.1

127 10.2 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 26.687 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

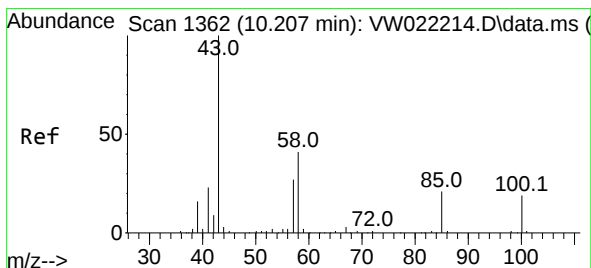
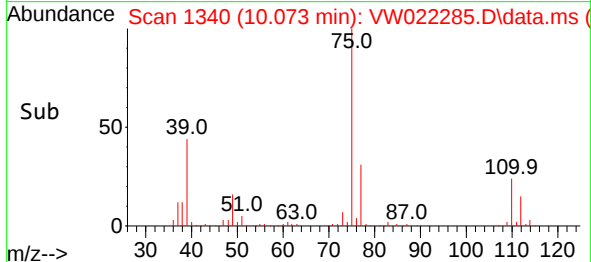
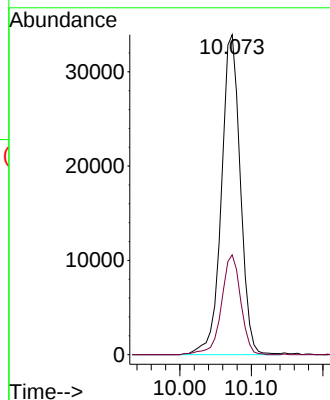
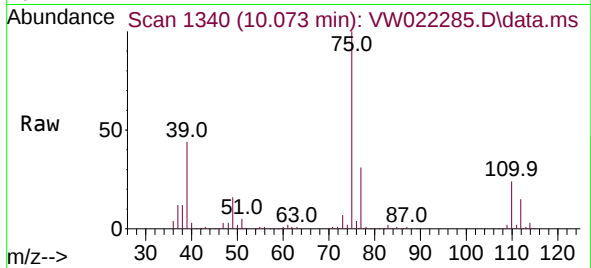
ClientSampleId :

Tgt Ion: 75 Resp: 62386

Ion Ratio Lower Upper

75 100

77 31.2 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 50.088 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

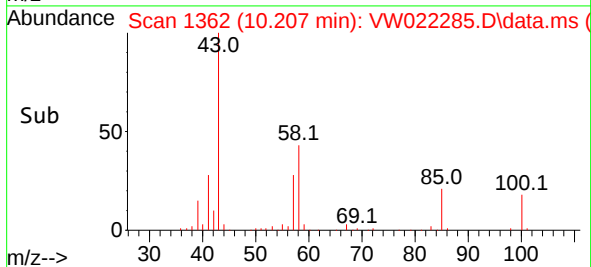
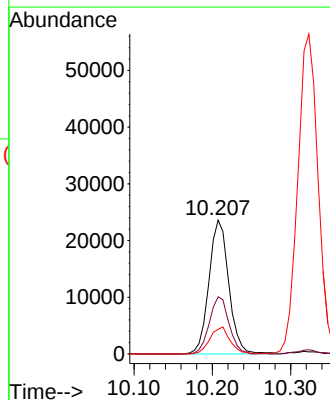
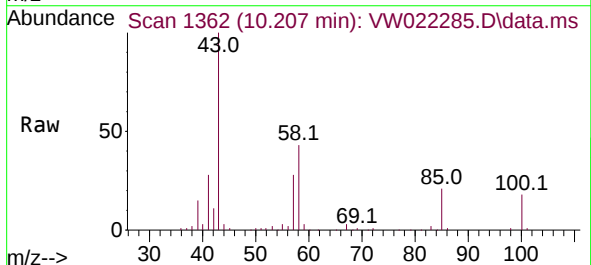
Tgt Ion: 43 Resp: 41599

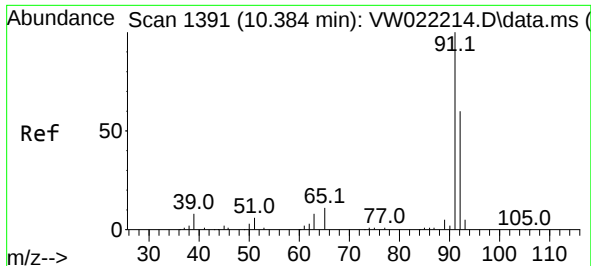
Ion Ratio Lower Upper

43 100

58 42.2 33.2 49.8

100 20.2 16.1 24.1

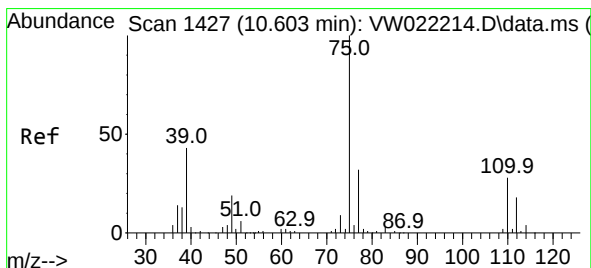
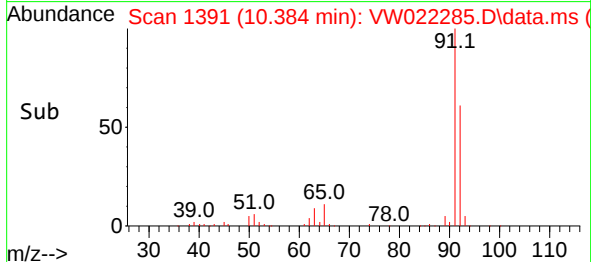
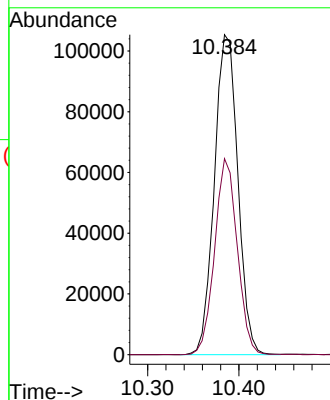
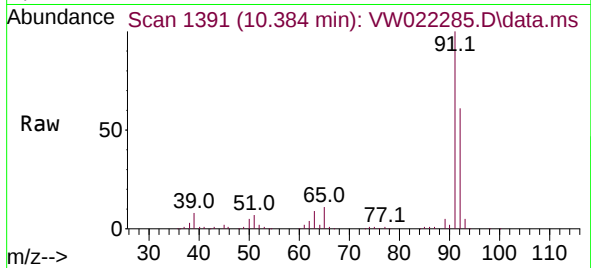




#42
Toluene
Concen: 25.233 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

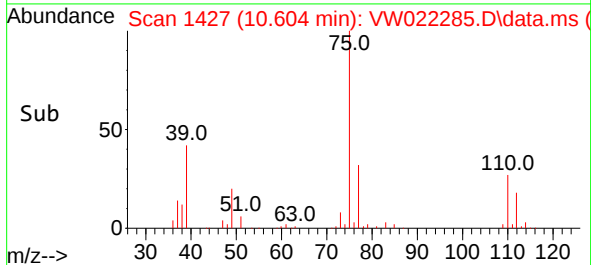
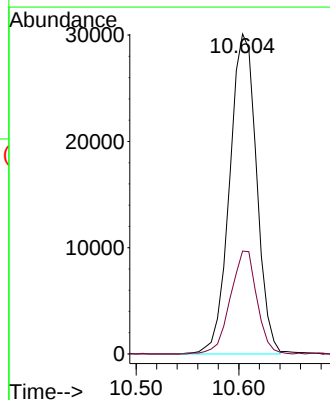
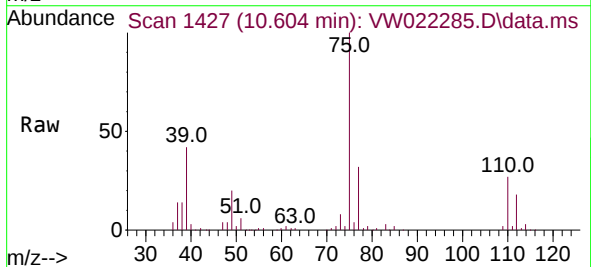
Instrument :
MSVOA_W
ClientSampleId :

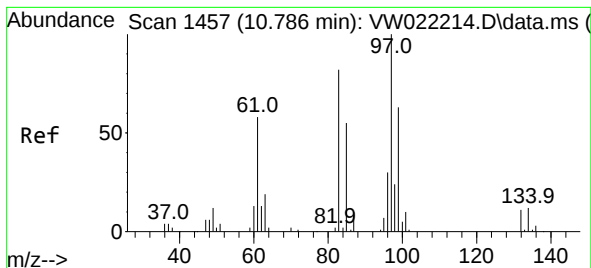
Tgt Ion: 91 Resp: 188267
Ion Ratio Lower Upper
91 100
92 61.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 26.108 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion: 75 Resp: 54846
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.655 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 34987

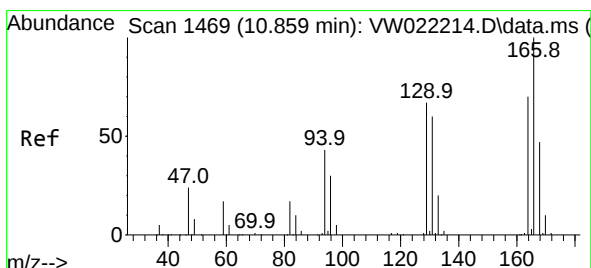
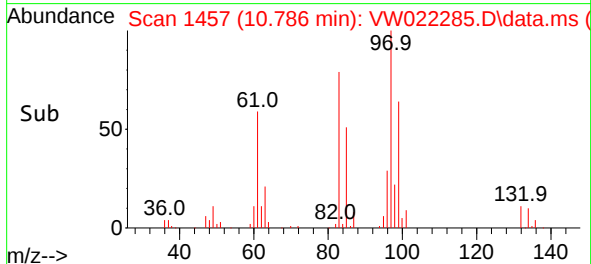
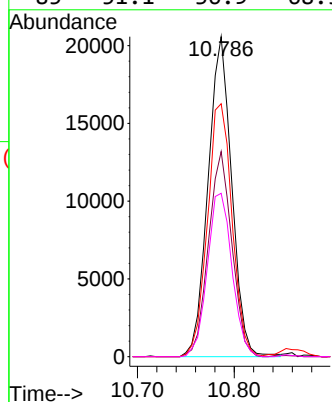
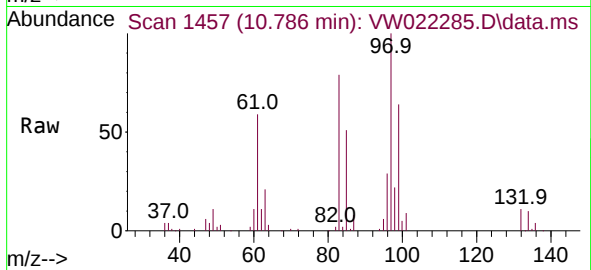
Ion Ratio Lower Upper

97 100

99 64.1 43.5 80.7

83 79.0 53.5 99.3

85 51.1 36.9 68.5



#46

Tetrachloroethene

Concen: 23.432 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Tgt Ion:164 Resp: 38744

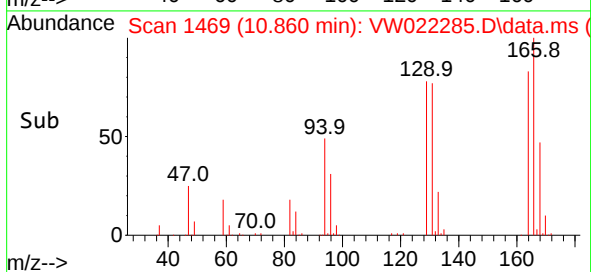
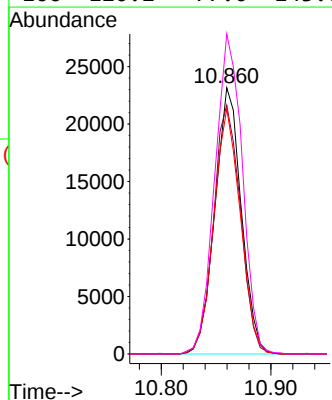
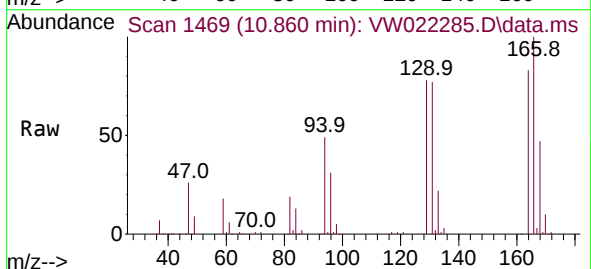
Ion Ratio Lower Upper

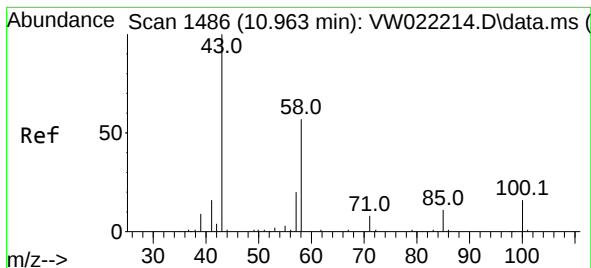
164 100

129 93.4 60.3 111.9

131 92.1 59.9 111.3

166 120.2 77.0 143.0





#48

2-Hexanone

Concen: 55.516 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

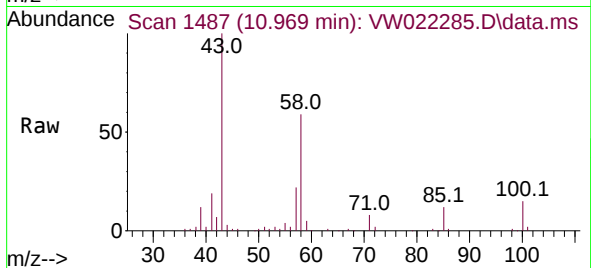
Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 32001

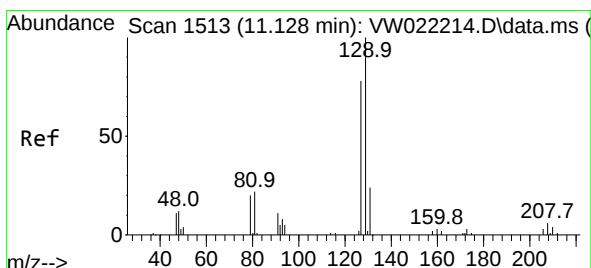
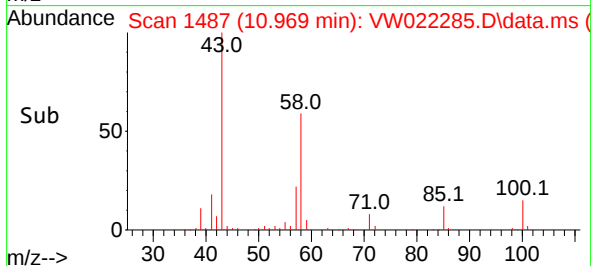
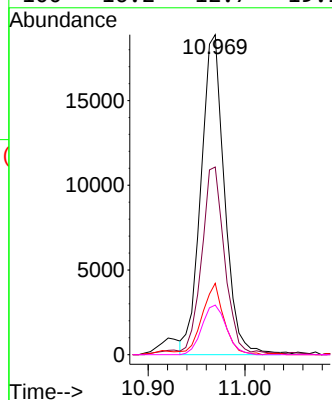
Ion Ratio Lower Upper

43 100

58 55.4 44.6 66.8

57 20.6 15.8 23.8

100 16.2 12.7 19.1



#49

Dibromochloromethane

Concen: 26.725 ug/L

RT: 11.122 min Scan# 1512

Delta R.T. -0.006 min

Lab File: VW022285.D

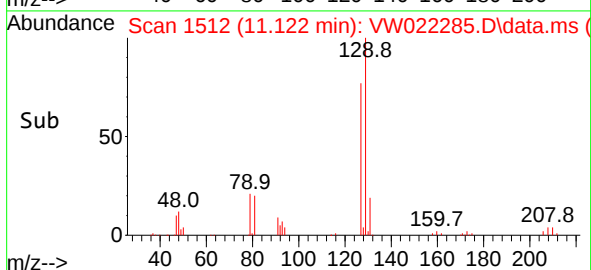
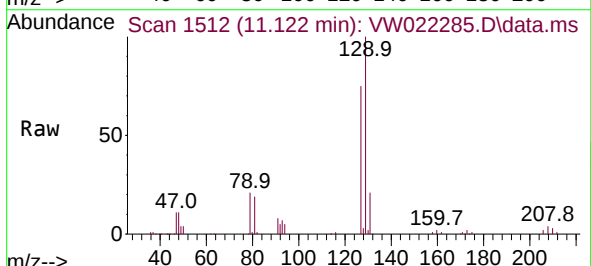
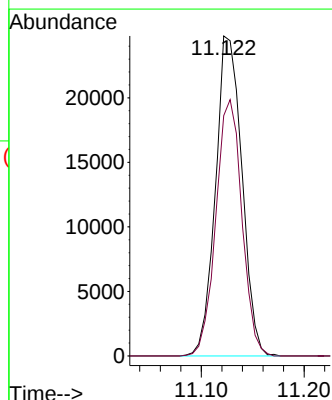
Acq: 11 Mar 2022 08:40

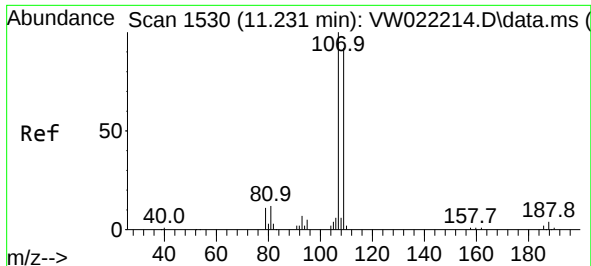
Tgt Ion: 129 Resp: 44270

Ion Ratio Lower Upper

129 100

127 75.1 54.5 101.1

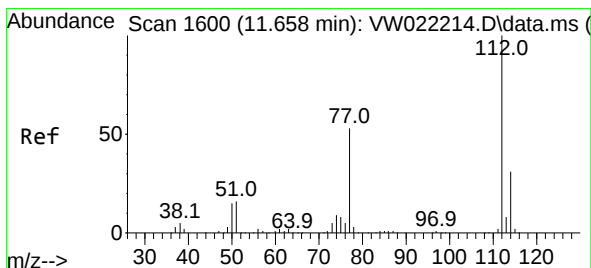
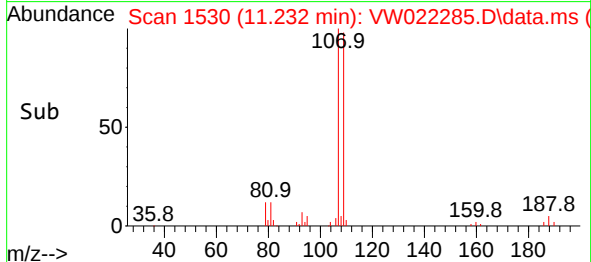
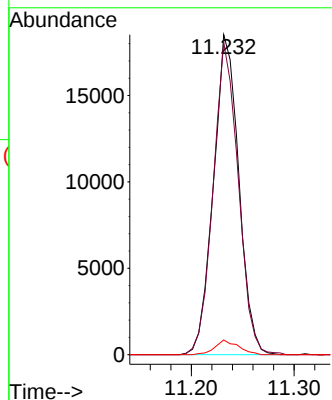
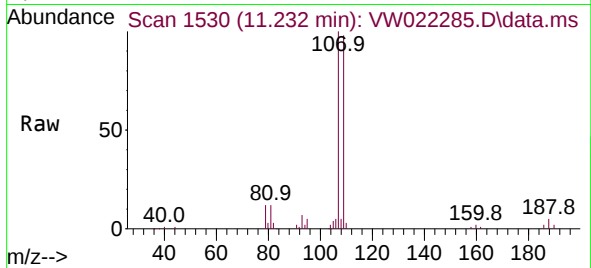




#50
1,2-Dibromoethane
Concen: 24.070 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

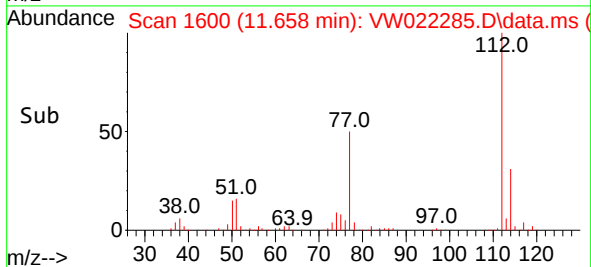
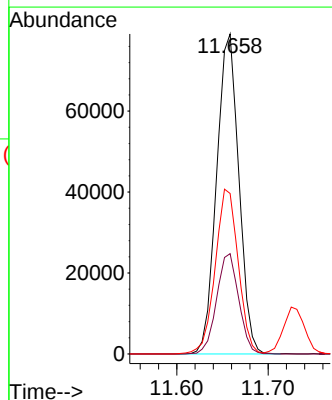
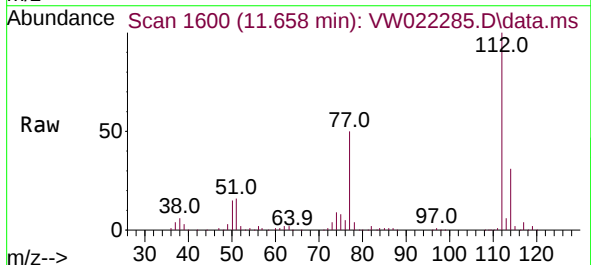
Instrument :
MSVOA_W
ClientSampleId :

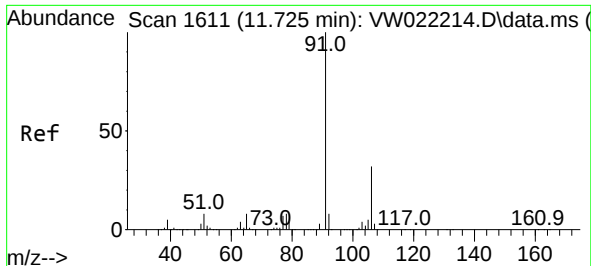
Tgt Ion:107 Resp: 31661
Ion Ratio Lower Upper
107 100
109 97.7 66.8 124.2
188 4.6 2.6 4.0#



#51
Chlorobenzene
Concen: 25.756 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion:112 Resp: 133736
Ion Ratio Lower Upper
112 100
114 31.4 23.0 42.8
77 50.1 41.8 62.6

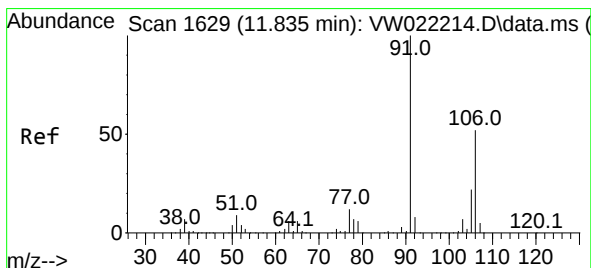
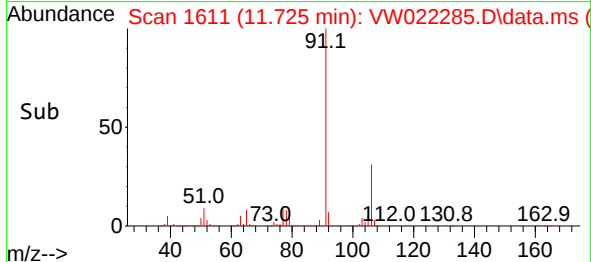
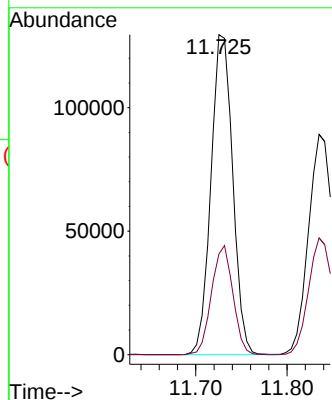
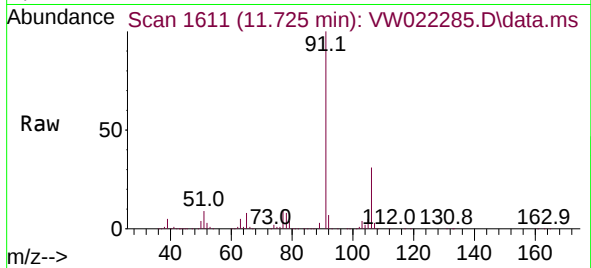




#52
Ethylbenzene
Concen: 25.968 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

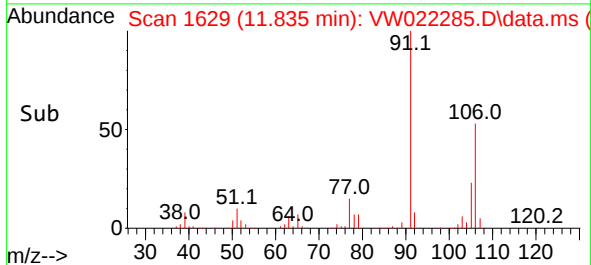
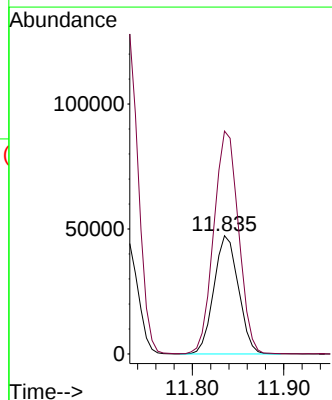
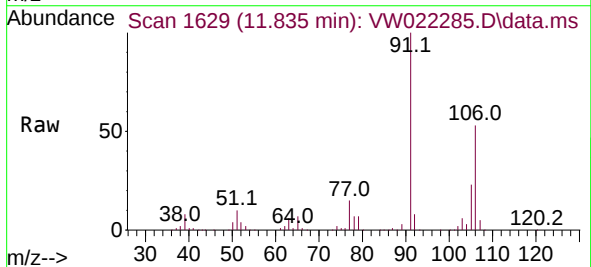
Instrument :
MSVOA_W
ClientSampleId :

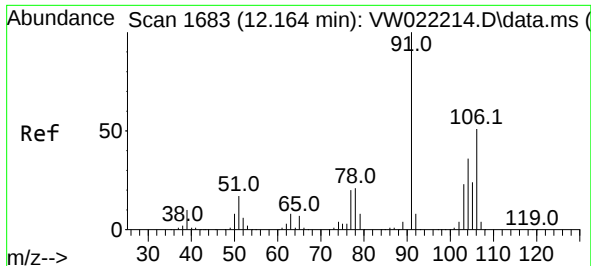
Tgt Ion: 91 Resp: 214424
Ion Ratio Lower Upper
91 100
106 31.4 22.8 42.4



#53
m,p-Xylene
Concen: 25.999 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion:106 Resp: 88338
Ion Ratio Lower Upper
106 100
91 188.5 135.0 250.8

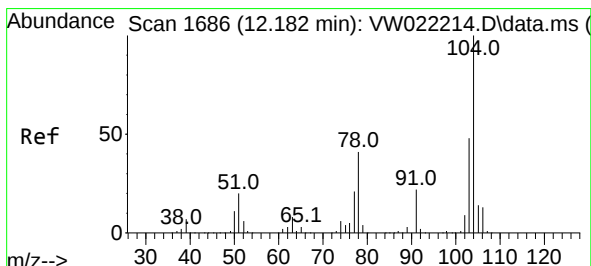
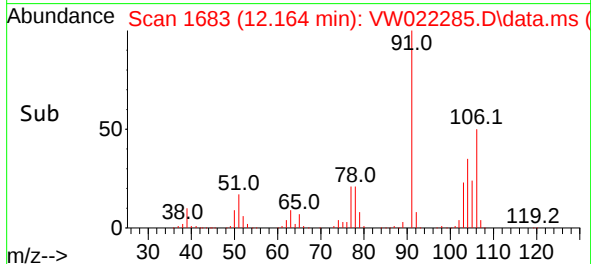
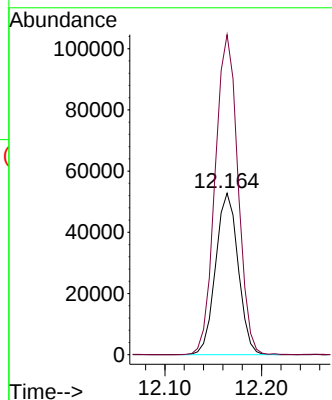
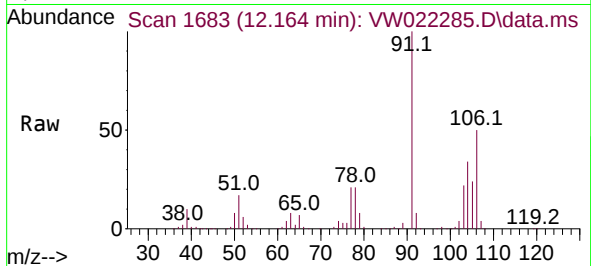




#54
o-Xylene
Concen: 26.677 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

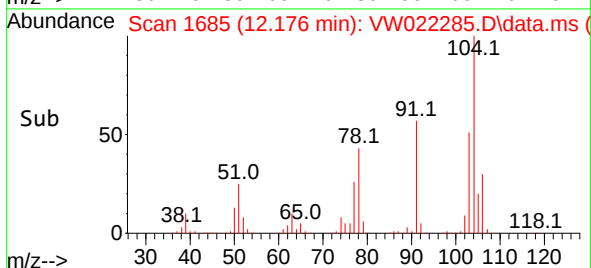
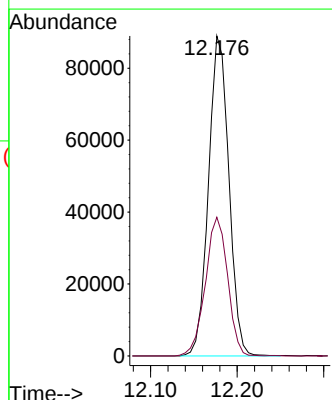
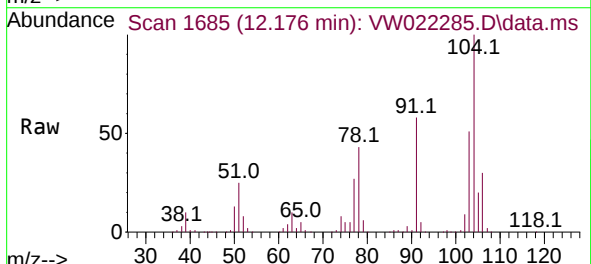
Instrument :
MSVOA_W
ClientSampleId :

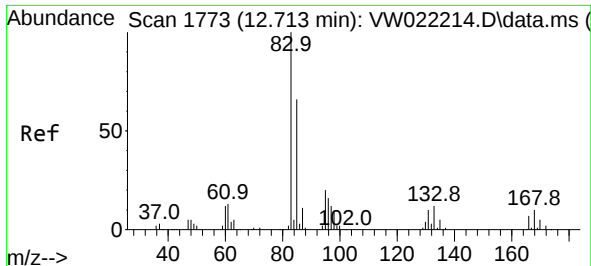
Tgt Ion:106 Resp: 85287
Ion Ratio Lower Upper
106 100
91 198.1 136.9 254.3



#55
Styrene
Concen: 27.152 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion:104 Resp: 145522
Ion Ratio Lower Upper
104 100
78 43.4 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.521 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022285.D

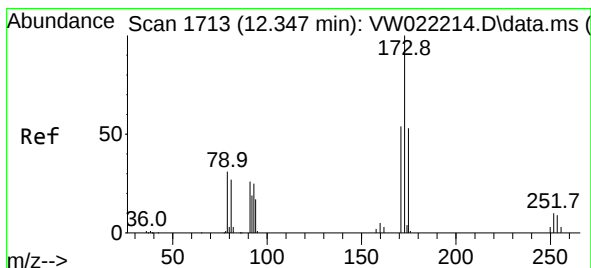
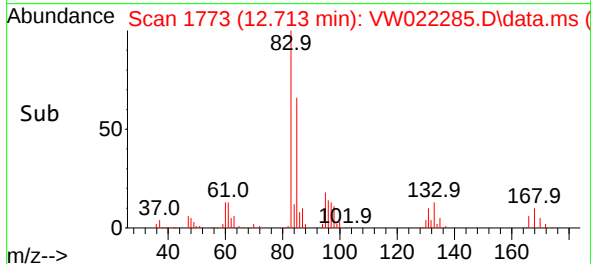
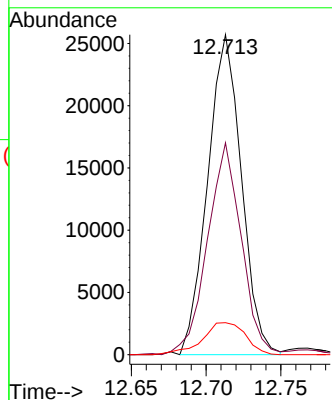
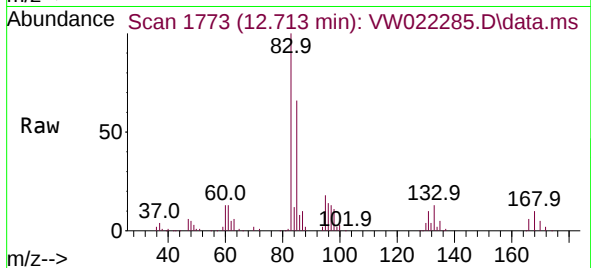
Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	40382
Ion Ratio	Lower	Upper	
83	100		
85	66.2	44.2	82.0
131	10.0	9.4	14.0



#59

Bromoform

Concen: 24.094 ug/L

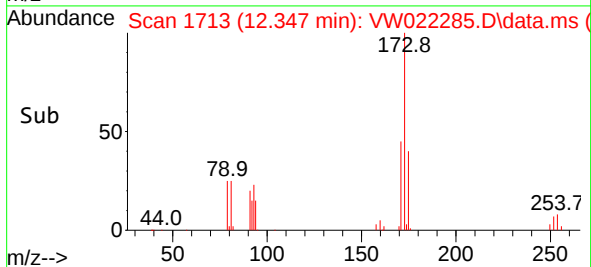
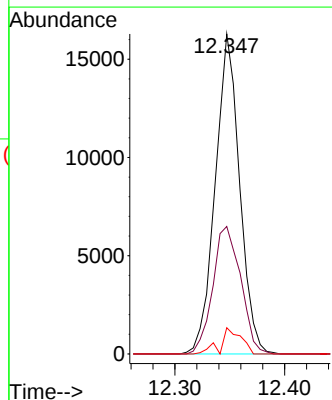
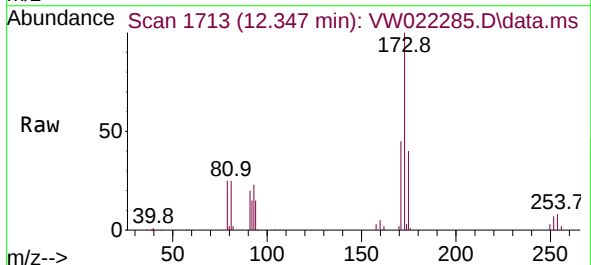
RT: 12.347 min Scan# 1713

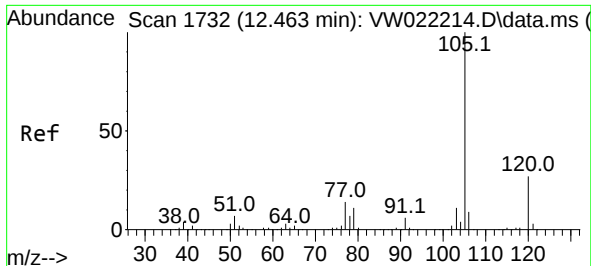
Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Tgt Ion:	173	Resp:	25170
Ion Ratio	Lower	Upper	
173	100		
175	45.6	38.2	57.4
254	5.5	5.0	7.6

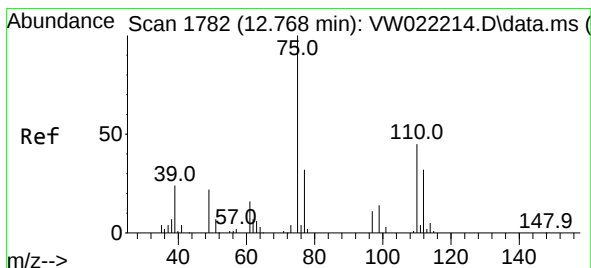
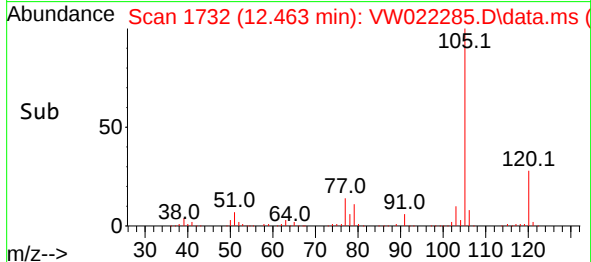
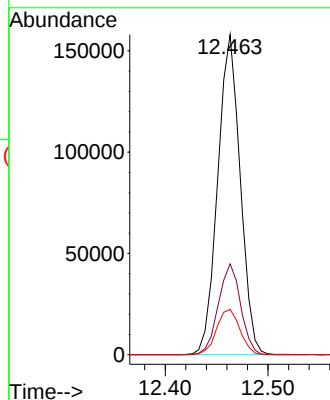
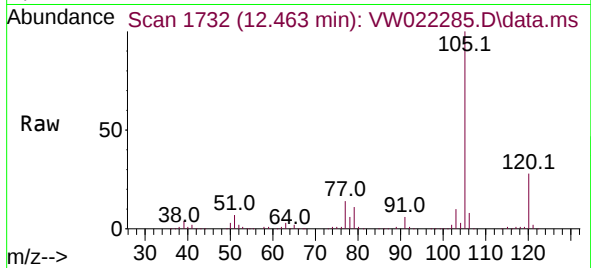




#60
Isopropylbenzene
Concen: 25.315 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

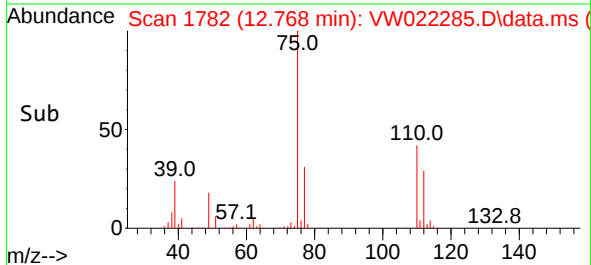
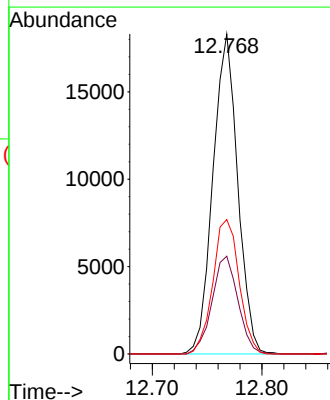
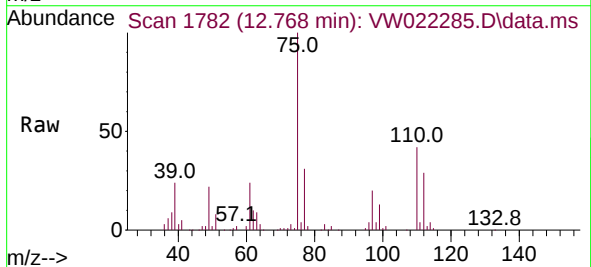
Instrument :
MSVOA_W
ClientSampleId :

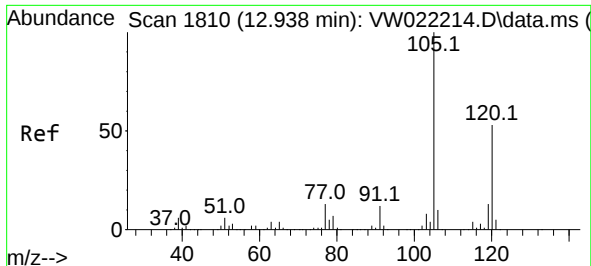
Tgt Ion:105 Resp: 240064
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 23.077 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion: 75 Resp: 28773
Ion Ratio Lower Upper
75 100
77 32.0 27.1 40.7
110 44.6 36.7 55.1

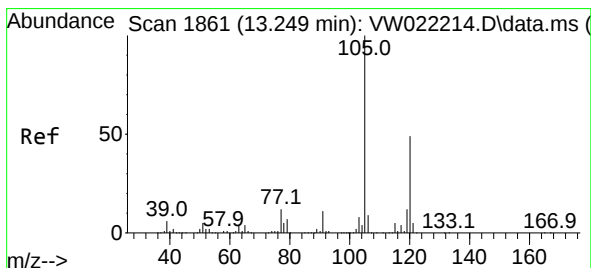
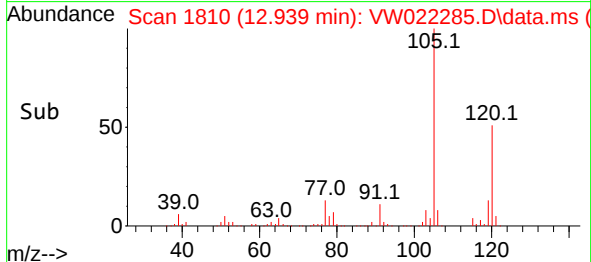
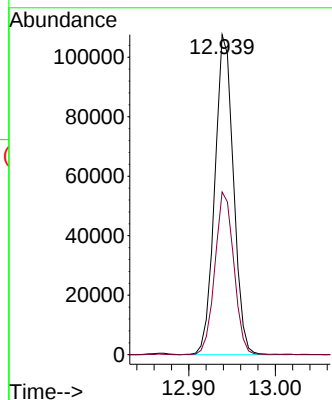
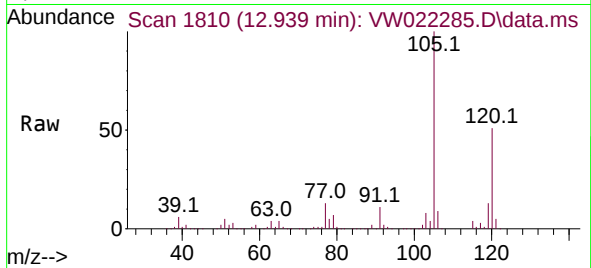




#62
1,3,5-Trimethylbenzene
Concen: 25.499 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

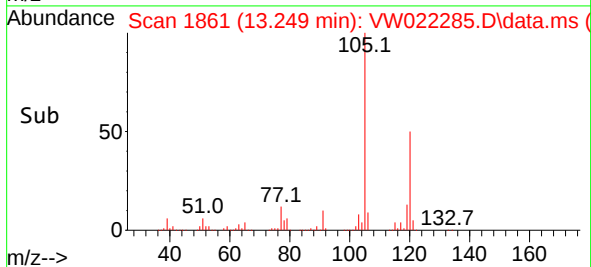
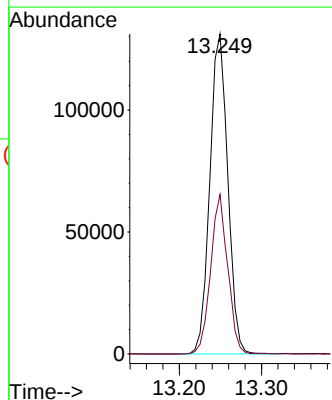
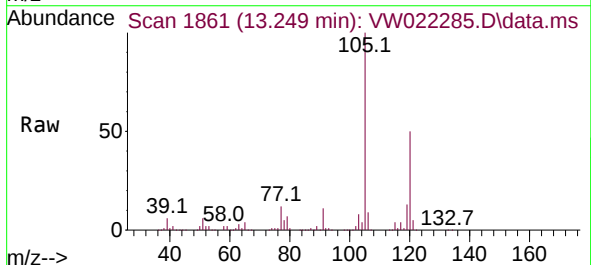
Instrument :
MSVOA_W
ClientSampleId :

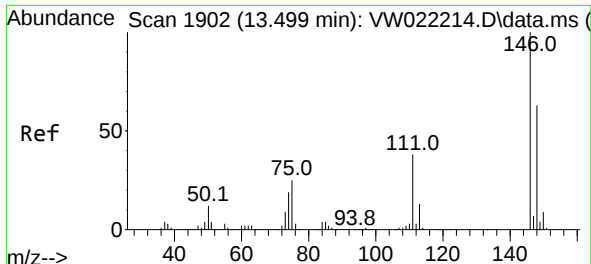
Tgt Ion:105 Resp: 160795
Ion Ratio Lower Upper
105 100
120 51.6 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 25.810 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW022285.D
Acq: 11 Mar 2022 08:40

Tgt Ion:105 Resp: 198906
Ion Ratio Lower Upper
105 100
120 47.3 39.2 58.8





#64

1,3-Dichlorobenzene

Concen: 24.557 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

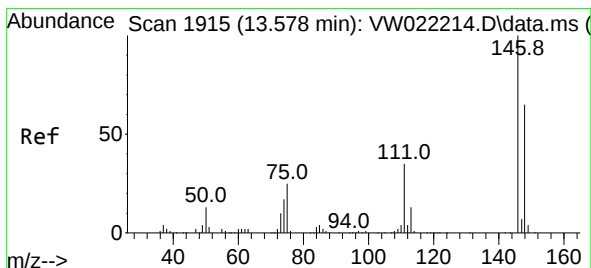
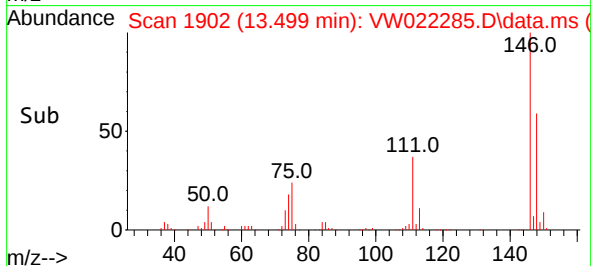
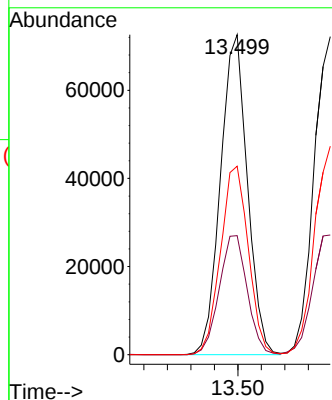
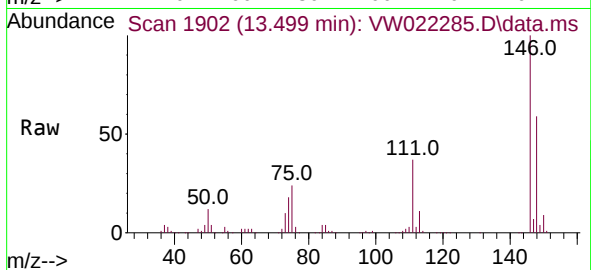
Tgt Ion:146 Resp: 115522

Ion Ratio Lower Upper

146 100

111 37.2 26.9 49.9

148 58.9 41.6 77.2



#65

1,4-Dichlorobenzene

Concen: 24.415 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

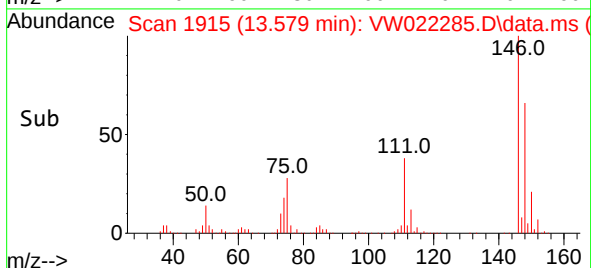
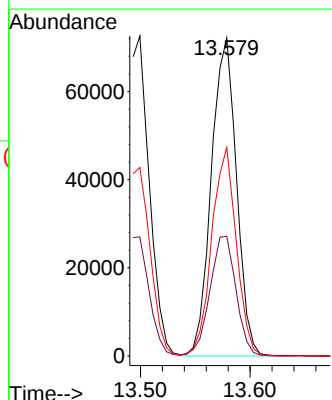
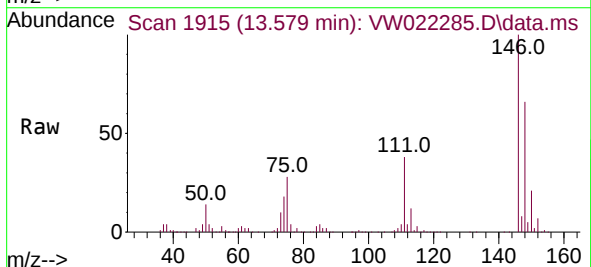
Tgt Ion:146 Resp: 115096

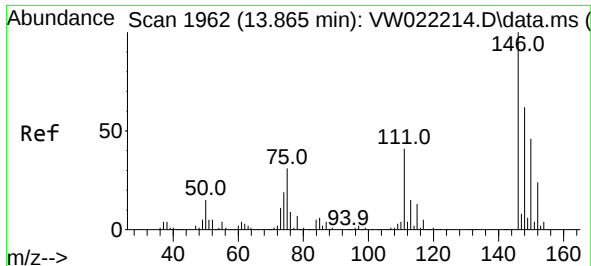
Ion Ratio Lower Upper

146 100

111 37.7 27.5 51.1

148 65.5 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 24.914 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

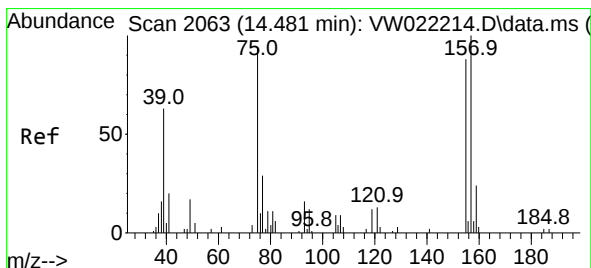
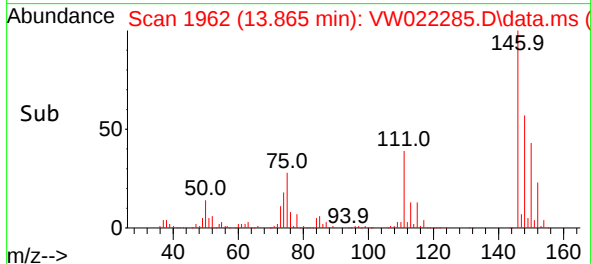
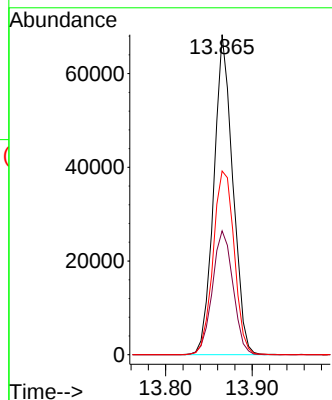
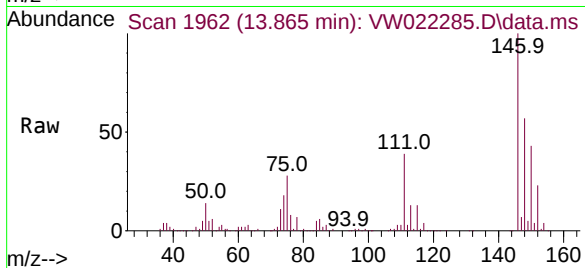
Tgt Ion:146 Resp: 104199

Ion Ratio Lower Upper

146 100

111 38.7 34.8 52.2

148 57.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.212 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

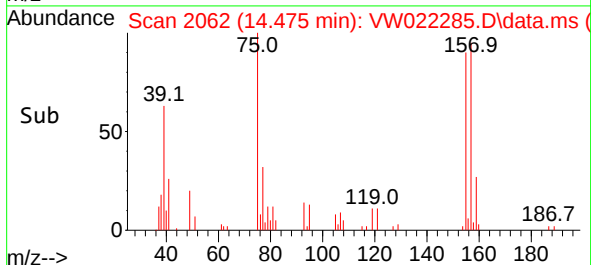
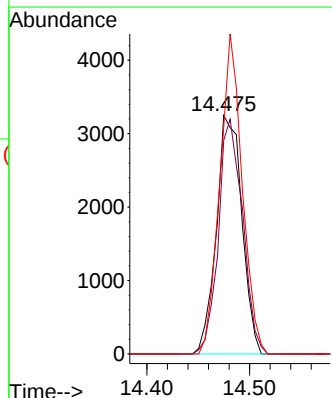
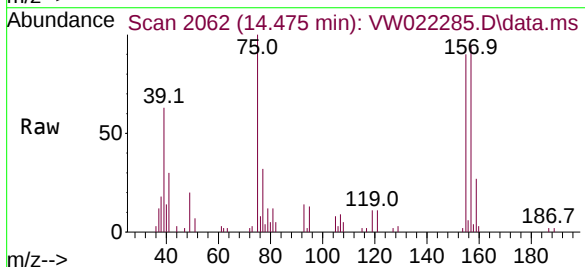
Tgt Ion: 75 Resp: 5591

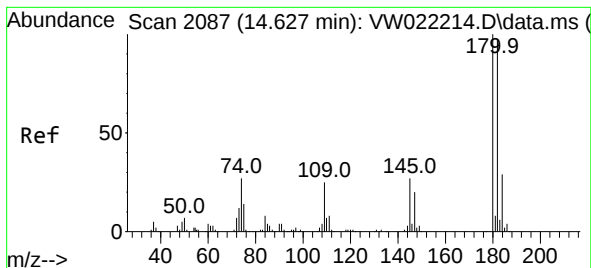
Ion Ratio Lower Upper

75 100

155 89.7 58.2 87.2#

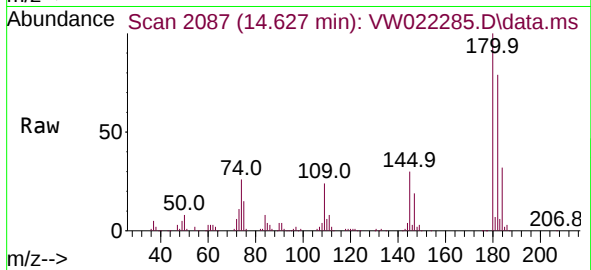
157 94.9 80.5 120.7



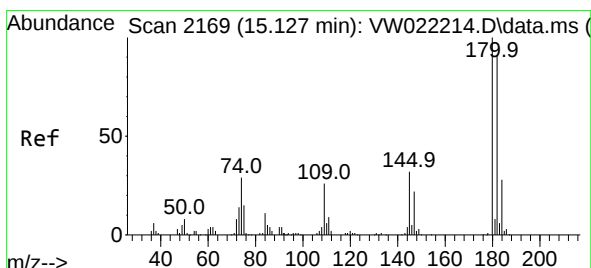
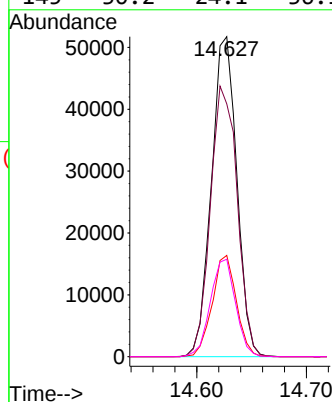
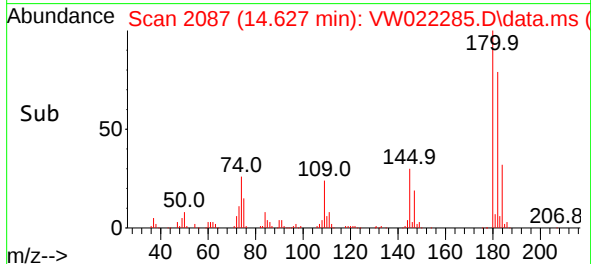


#69
 1,3,5-Trichlorobenzene
 Concen: 24.680 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022285.D
 Acq: 11 Mar 2022 08:40

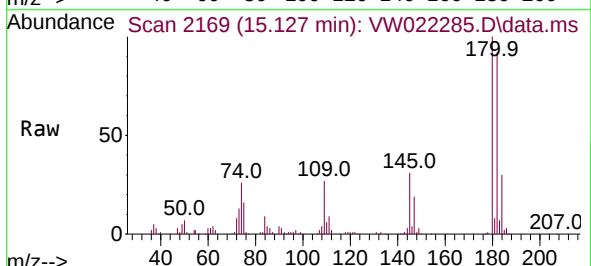
Instrument :
 MSVOA_W
 ClientSampleId :



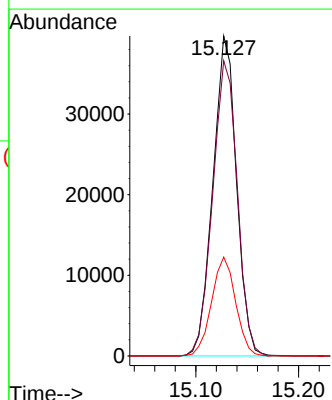
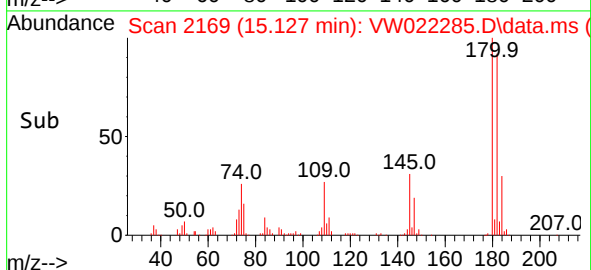
Tgt Ion:	180	Resp:	83330
Ion Ratio	Lower	Upper	
180	100		
182	89.3	69.4	104.0
184	30.2	21.8	32.8
145	30.2	24.1	36.1

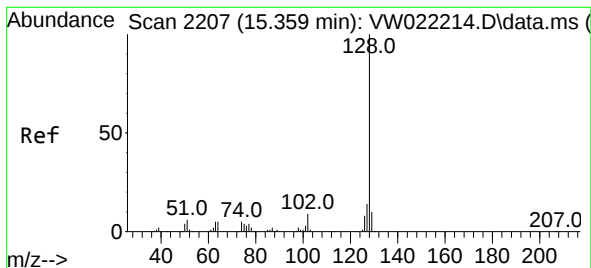


#70
 1,2,4-trichlorobenzene
 Concen: 24.756 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022285.D
 Acq: 11 Mar 2022 08:40



Tgt Ion:	180	Resp:	63245
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.8	116.6
145	31.5	25.8	38.6





#71

Naphthalene

Concen: 24.180 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Instrument :

MSVOA_W

ClientSampleId :

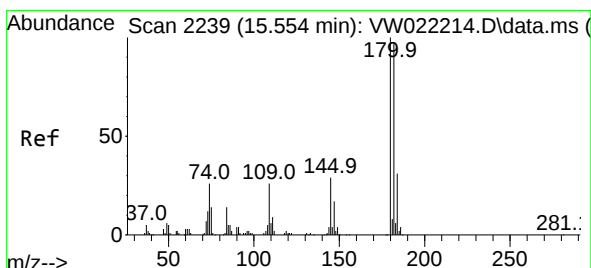
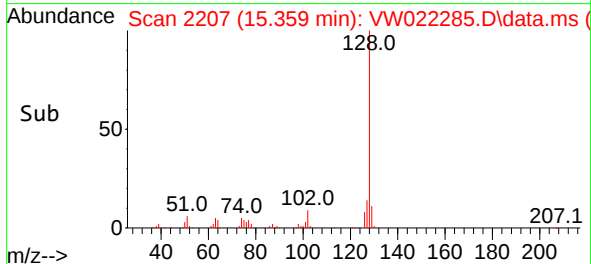
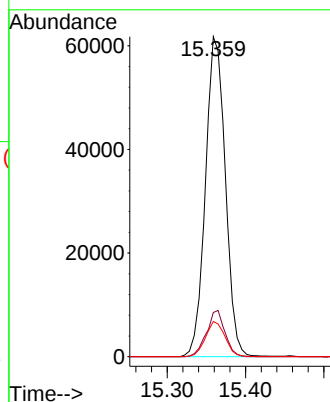
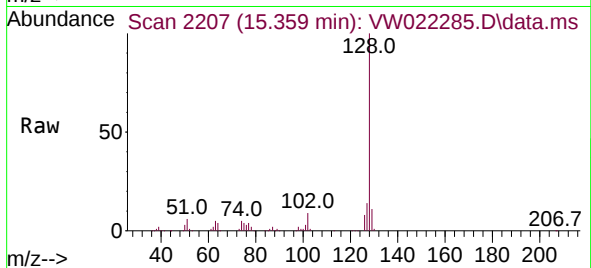
Tgt Ion:128 Resp: 109050

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.252 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022285.D

Acq: 11 Mar 2022 08:40

Tgt Ion:180 Resp: 53590

Ion Ratio Lower Upper

180 100

182 95.3 79.0 118.4

145 34.2 28.0 42.0

