

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021215.D
 Acq On : 08 Dec 2021 08:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 22:44:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	111299	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	104835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61023	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34845	22.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.880%
7) Chloroethane-d5	2.885	69	27748	26.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.920%
11) 1,1-Dichloroethene-d2	4.019	63	57584	23.245	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.960%
21) 2-Butanone-d5	7.080	46	11382	32.179	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.360%
24) Chloroform-d	7.647	84	61386	22.023	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.080%
26) 1,2-Dichloroethane-d4	8.305	65	30682	20.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.480%
32) Benzene-d6	8.275	84	116289	21.694	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.275	67	31390	21.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.280%
41) Toluene-d8	10.323	98	117216	21.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	10.579	79	13412	19.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.921	63	9334	32.751	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.500%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25782	18.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	44291	20.257	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	10366	19.068	ug/L	93
3) Chloromethane	2.215	50	32259	26.506	ug/L	96
5) Vinyl chloride	2.361	62	55275	26.144	ug/L	97
6) Bromomethane	2.782	94	35418	25.194	ug/L	99
8) Chloroethane	2.922	64	27160	30.823	ug/L	100
9) Trichlorofluoromethane	3.263	101	31335	30.693	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	38626	24.172	ug/L	# 74
12) 1,1-Dichloroethene	4.044	96	35548	24.607	ug/L	# 69
13) Acetone	4.123	43	9871	30.637	ug/L	96
14) Carbon disulfide	4.379	76	95315	23.770	ug/L	99
15) Methyl Acetate	4.672	43	10569	18.092	ug/L	# 89
16) Methylene chloride	4.916	84	33967	19.371	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	37585	24.435	ug/L	81
18) Methyl tert-butyl Ether	5.422	73	47801	20.590	ug/L	95
19) 1,1-Dichloroethane	6.220	63	57726	23.667	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	37375	22.903	ug/L	76
22) 2-Butanone	7.171	43	13925	31.231	ug/L	84
23) Bromochloromethane	7.513	128	17406	22.797	ug/L	# 66
25) Chloroform	7.671	83	65548	23.941	ug/L	97

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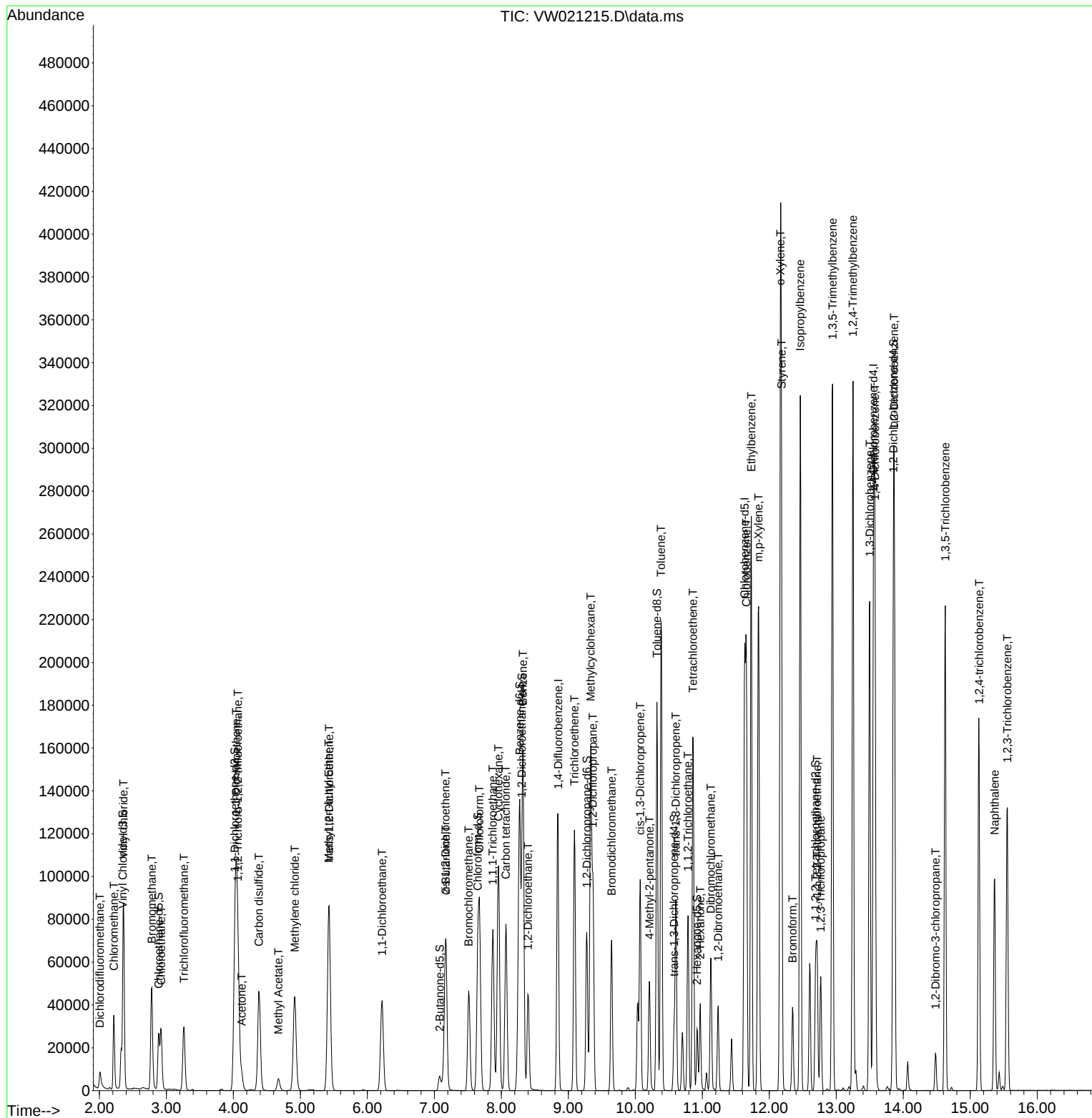
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	40206	22.449	ug/L	98
29) Cyclohexane	7.958	56	53838	23.279	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	60116	24.594	ug/L	95
31) Carbon tetrachloride	8.067	117	56659	24.945	ug/L	100
33) Benzene	8.323	78	140272	23.529	ug/L	100
34) Trichloroethene	9.092	95	40044	24.347	ug/L	94
35) Methylcyclohexane	9.335	83	66176	23.904	ug/L	85
37) 1,2-Dichloropropane	9.366	63	31467	23.353	ug/L #	94
38) Bromodichloromethane	9.646	83	43822	23.136	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	51055	23.425	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	32371	35.266	ug/L #	93
42) Toluene	10.384	91	161468	23.713	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	43664	22.144	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24557	21.738	ug/L	97
46) Tetrachloroethene	10.860	164	36771	24.416	ug/L	97
48) 2-Hexanone	10.969	43	24045	36.312	ug/L #	95
49) Dibromochloromethane	11.128	129	30816	21.826	ug/L	98
50) 1,2-Dibromoethane	11.238	107	24664	21.409	ug/L #	97
51) Chlorobenzene	11.658	112	106986	23.514	ug/L	91
52) Ethylbenzene	11.731	91	185989	24.263	ug/L	100
53) m,p-Xylene	11.841	106	75788	23.899	ug/L	90
54) o-Xylene	12.164	106	73956	24.736	ug/L	88
55) Styrene	12.183	104	123960	24.334	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	27729	20.408	ug/L #	99
59) Bromoform	12.347	173	17745	20.391	ug/L	96
60) Isopropylbenzene	12.463	105	206637	24.365	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	19865	19.433	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	177177	24.947	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	173311	24.263	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	95630	23.948	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	96601	23.936	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	82400	23.175	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	3958	17.147	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.627	180	68522	23.348	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	57389	23.797	ug/L	90
71) Naphthalene	15.365	128	85811	19.141	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	45800	21.761	ug/L	98

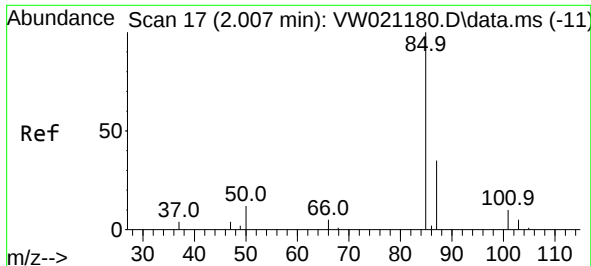
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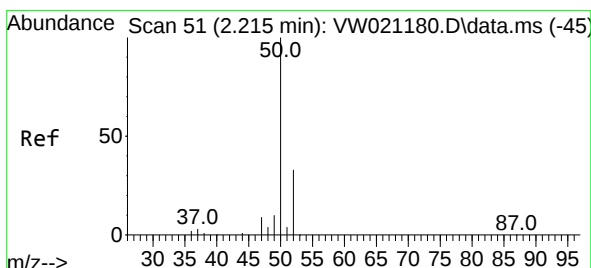
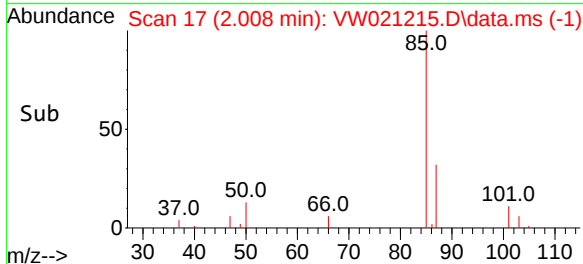
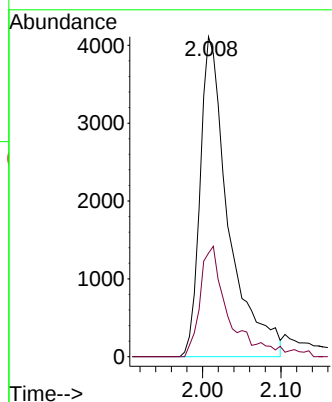
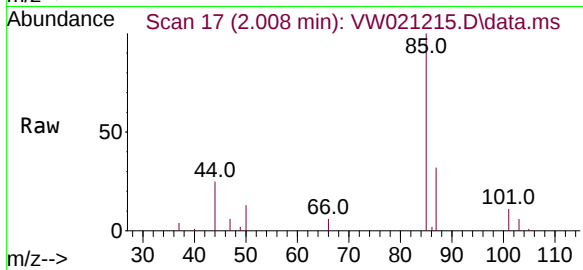




#2
 Dichlorodifluoromethane
 Concen: 19.068 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021215.D
 Acq: 08 Dec 2021 08:30

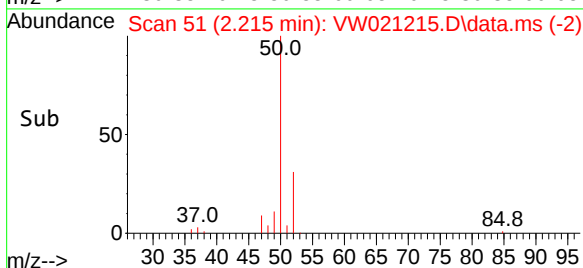
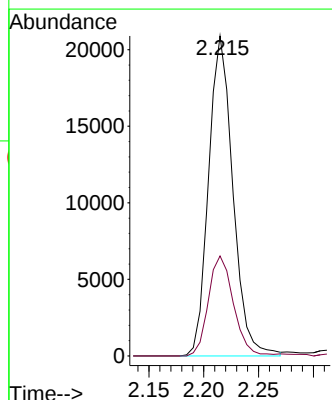
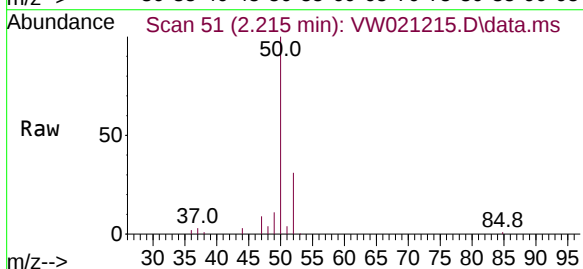
Instrument :
 MSVOA_W
 ClientSampleId :

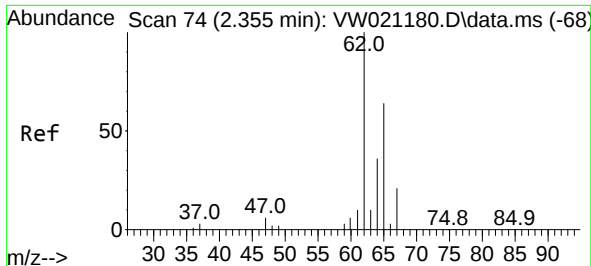
Tgt Ion: 85 Resp: 10366
 Ion Ratio Lower Upper
 85 100
 87 28.1 25.8 38.6



#3
 Chloromethane
 Concen: 26.506 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021215.D
 Acq: 08 Dec 2021 08:30

Tgt Ion: 50 Resp: 32259
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.4 43.6

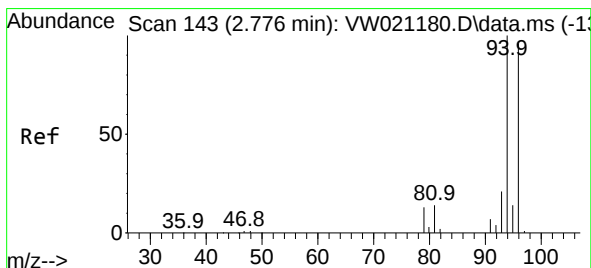
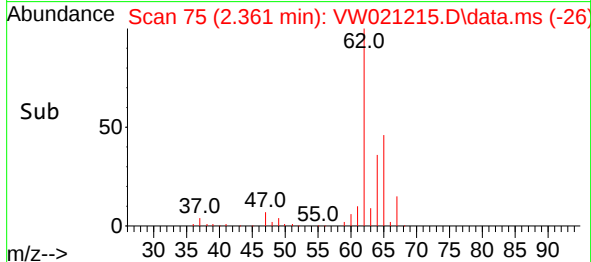
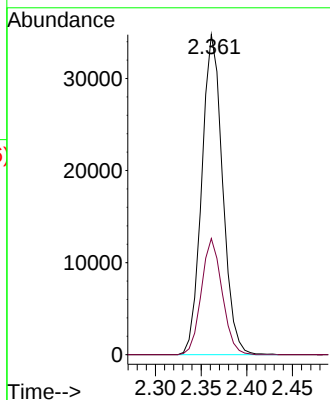
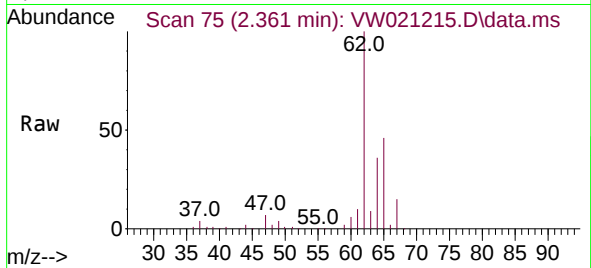




#5
 Vinyl chloride
 Concen: 26.144 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021215.D
 Acq: 08 Dec 2021 08:30

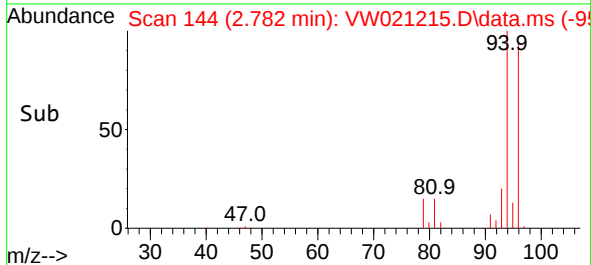
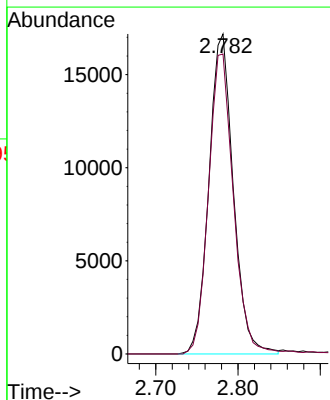
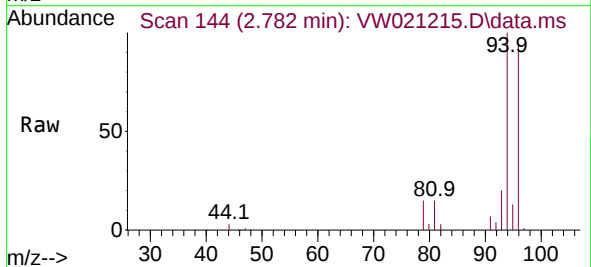
Instrument :
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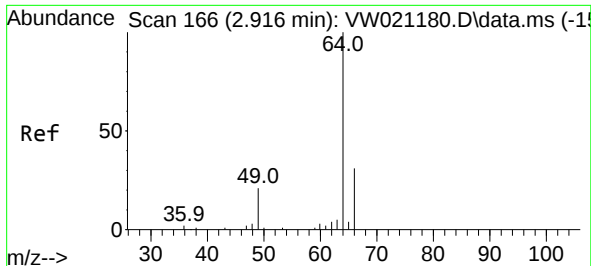
Tgt Ion: 62 Resp: 55275
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.4 45.2



#6
 Bromomethane
 Concen: 25.194 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021215.D
 Acq: 08 Dec 2021 08:30

Tgt Ion: 94 Resp: 35418
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.8 120.4





#8

Chloroethane

Concen: 30.823 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

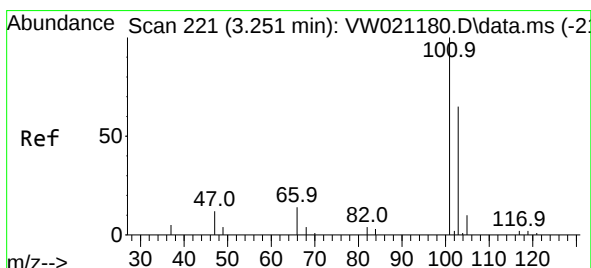
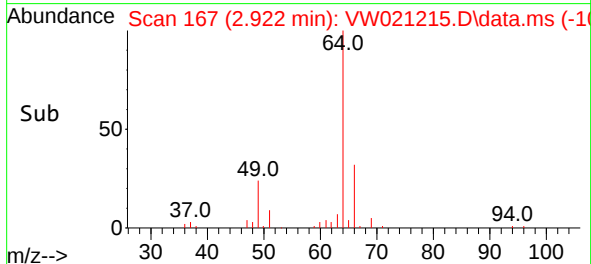
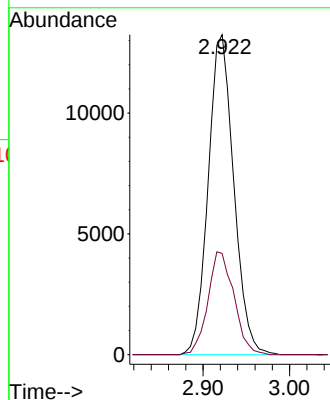
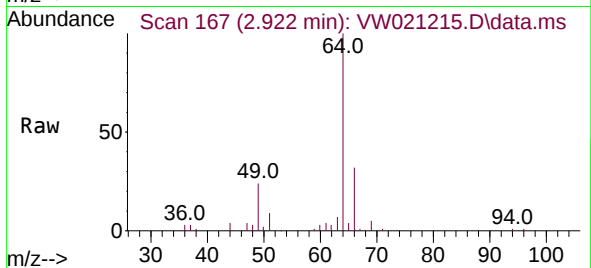
ClientSampleId :

Tgt Ion: 64 Resp: 27160

Ion Ratio Lower Upper

64 100

66 31.7 22.0 40.8



#9

Trichlorofluoromethane

Concen: 30.693 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.000 min

Lab File: VW021215.D

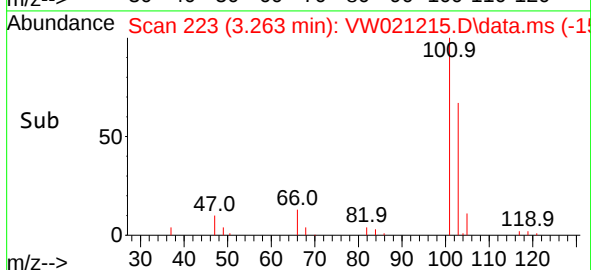
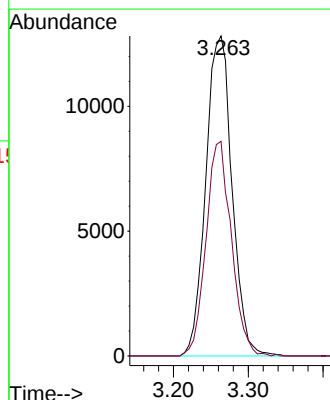
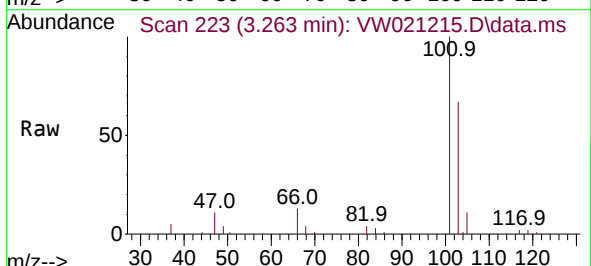
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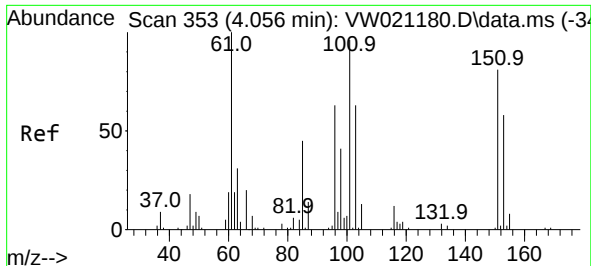
Tgt Ion: 101 Resp: 31335

Ion Ratio Lower Upper

101 100

103 64.4 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.172 ug/L

RT: 4.068 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

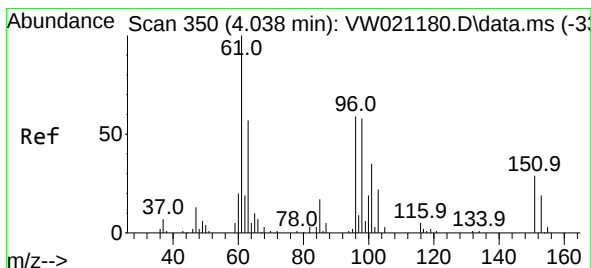
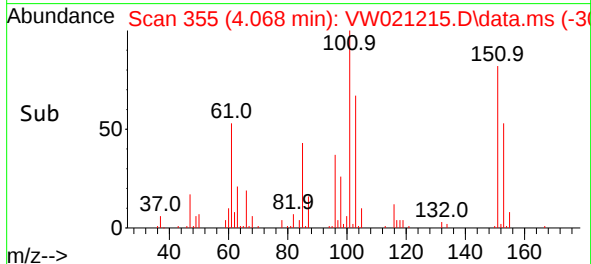
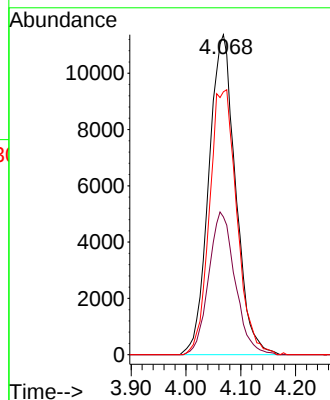
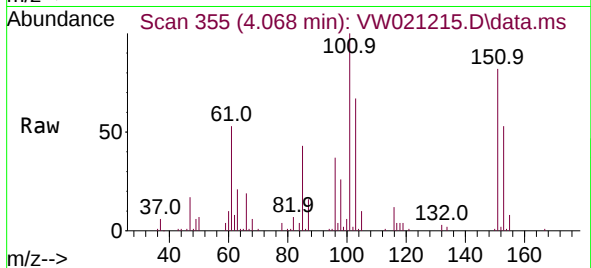
Tgt Ion:101 Resp: 38626

Ion Ratio Lower Upper

101 100

85 43.8 36.6 54.8

151 37.5 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 24.607 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

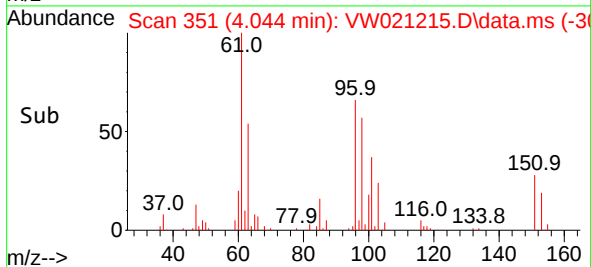
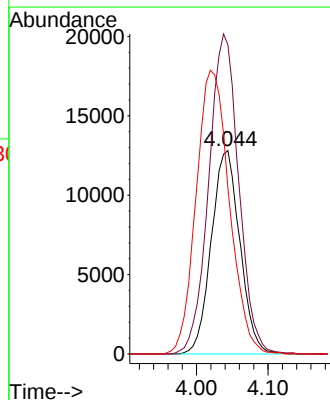
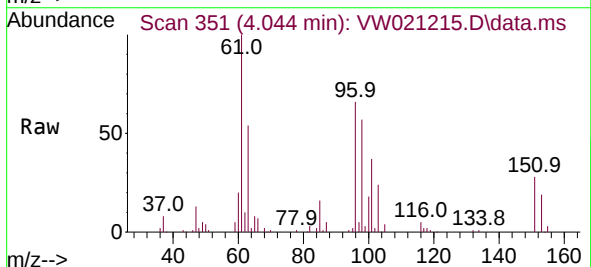
Tgt Ion: 96 Resp: 35548

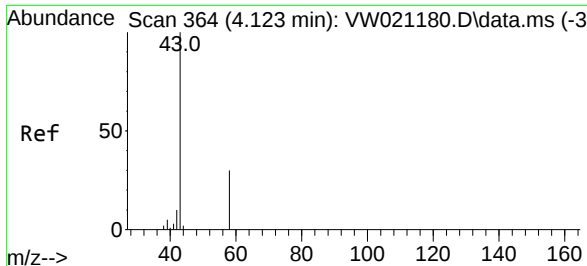
Ion Ratio Lower Upper

96 100

61 152.0 138.3 256.9

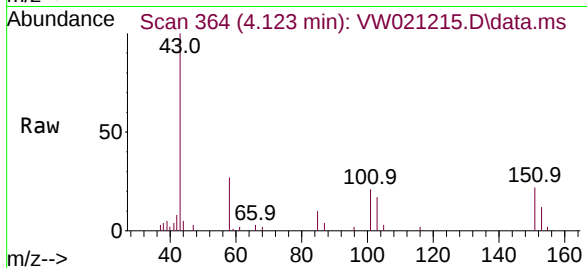
63 81.7 82.6 153.4#



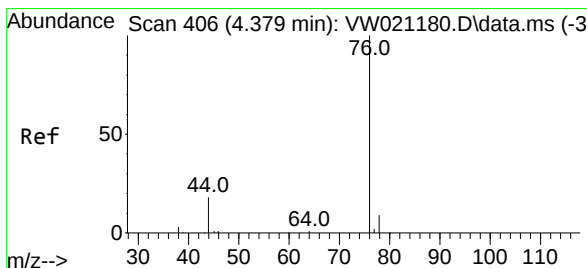
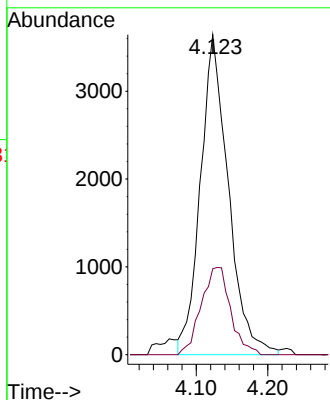
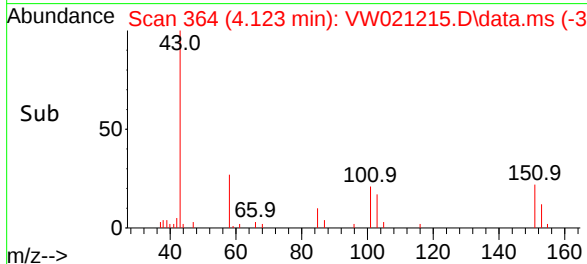


#13
Acetone
Concen: 30.637 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.018 min
Lab File: VW021215.D
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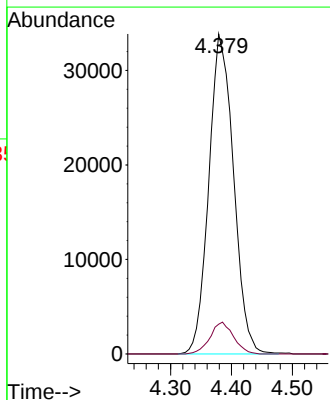
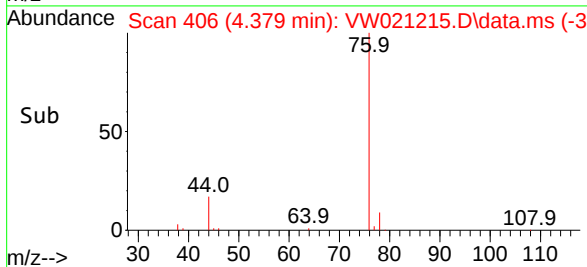
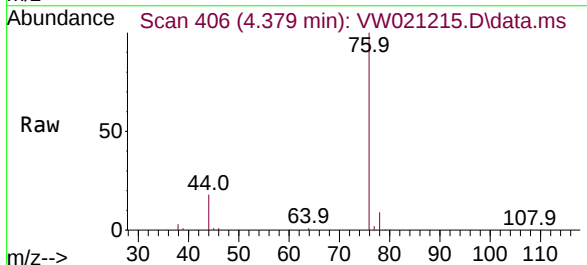


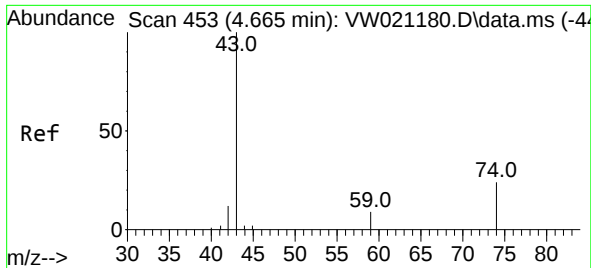
Tgt Ion: 43 Resp: 9871
Ion Ratio Lower Upper
43 100
58 28.7 0.0 52.8



#14
Carbon disulfide
Concen: 23.770 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 95315
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

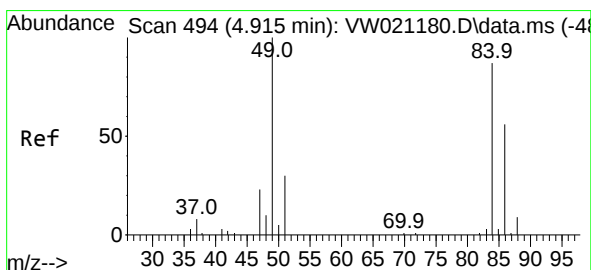
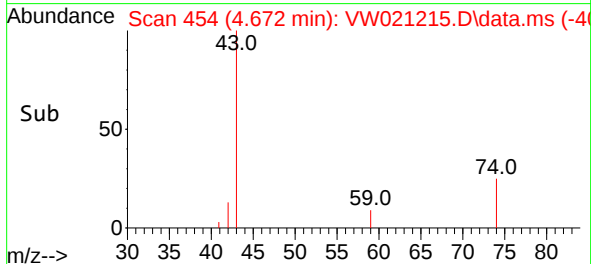
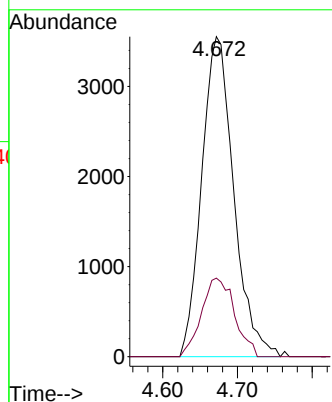
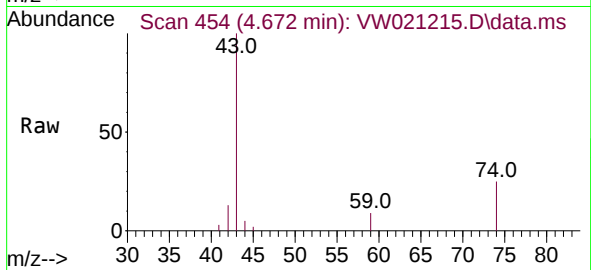




#15
Methyl Acetate
Concen: 18.092 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

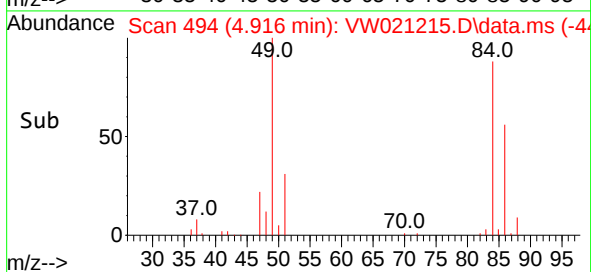
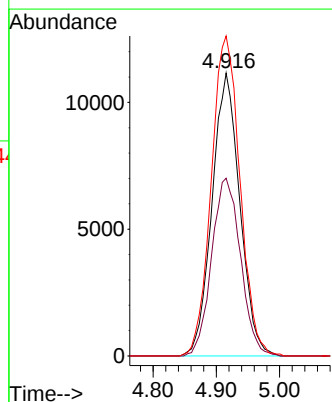
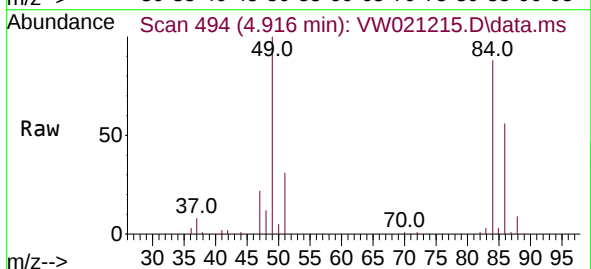
Instrument :
MSVOA_W
ClientSampleId :

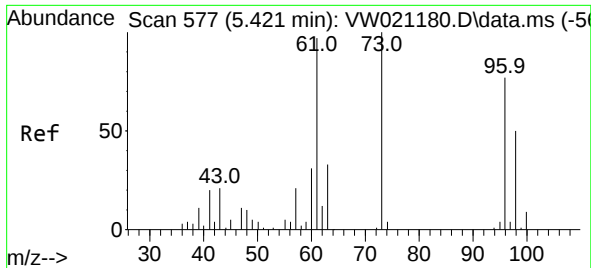
Tgt Ion: 43 Resp: 10569
Ion Ratio Lower Upper
43 100
74 25.4 16.4 24.6#



#16
Methylene chloride
Concen: 19.371 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

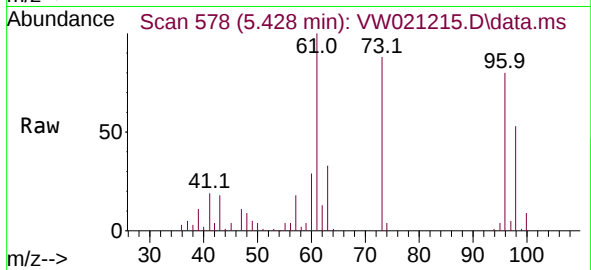
Tgt Ion: 84 Resp: 33967
Ion Ratio Lower Upper
84 100
86 62.8 45.5 84.5
49 113.1 100.5 186.7





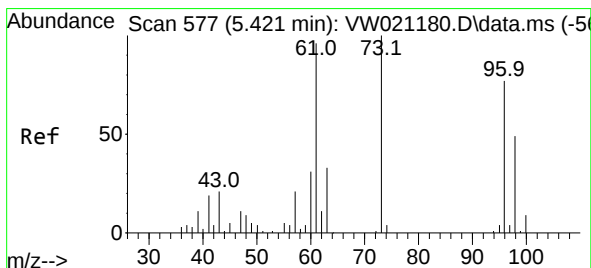
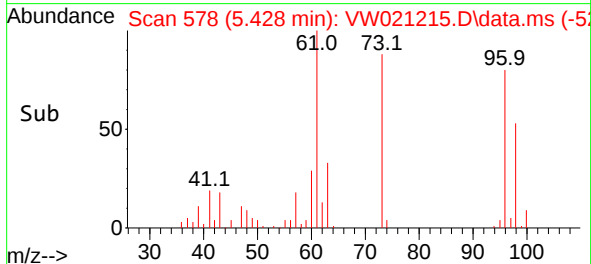
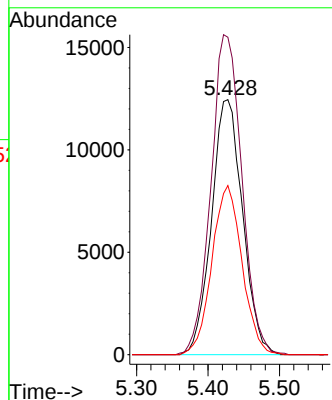
#17
trans-1,2-Dichloroethene
Concen: 24.435 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 37585

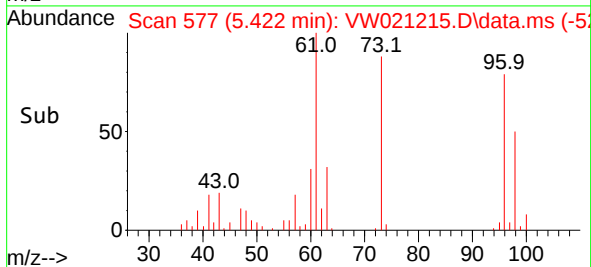
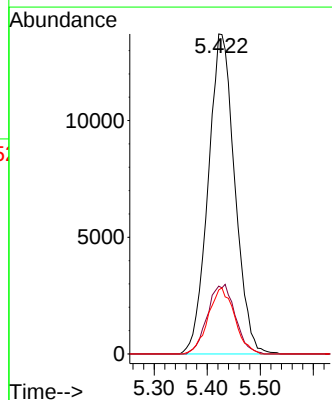
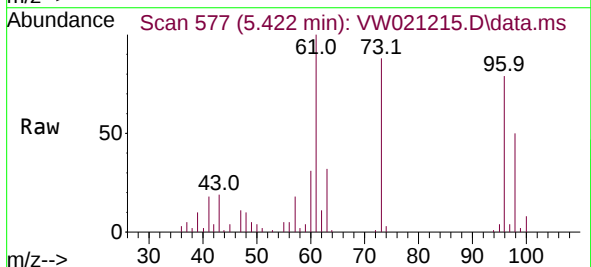
Ion	Ratio	Lower	Upper
96	100		
61	124.4	107.4	199.4
98	66.3	41.2	76.6

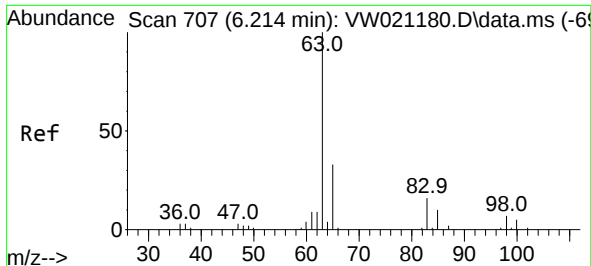


#18
Methyl tert-butyl Ether
Concen: 20.590 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion: 73 Resp: 47801

Ion	Ratio	Lower	Upper
73	100		
43	22.6	19.5	29.3
57	20.6	19.3	28.9





#19

1,1-Dichloroethane

Concen: 23.667 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021215.D

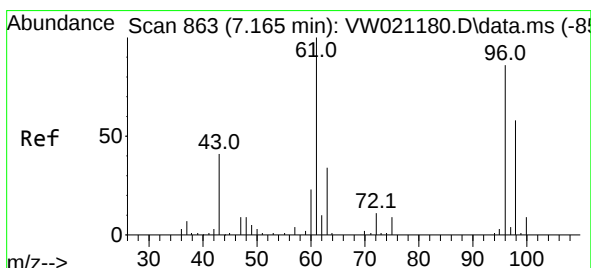
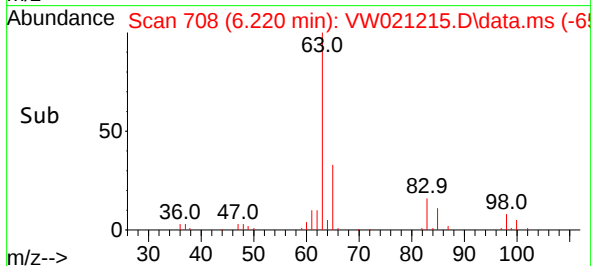
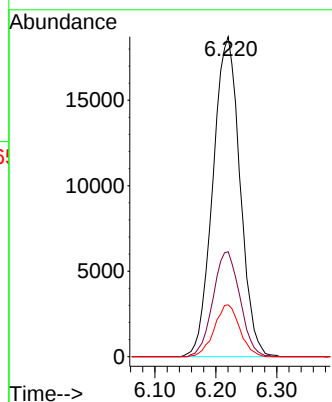
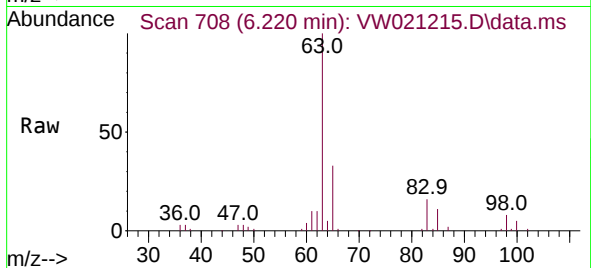
Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	57726
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.1	41.1
83	16.2	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 22.903 ug/L

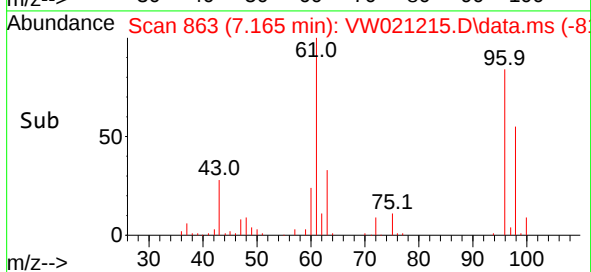
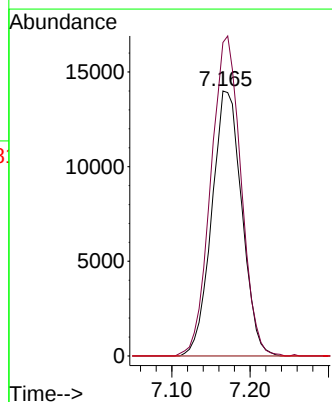
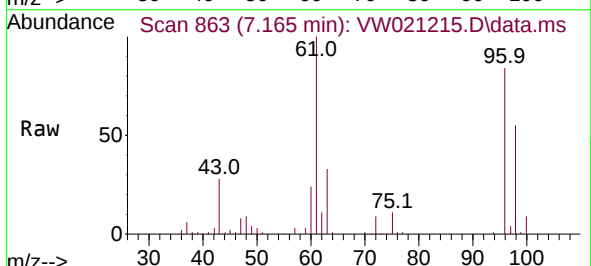
RT: 7.165 min Scan# 863

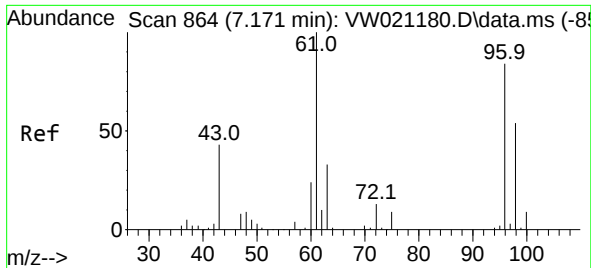
Delta R.T. -0.006 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Tgt Ion:	96	Resp:	37375
Ion	Ratio	Lower	Upper
96	100		
61	118.3	103.7	192.7
68	0.0	0.0	0.0

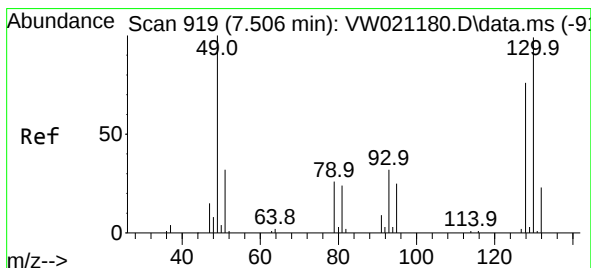
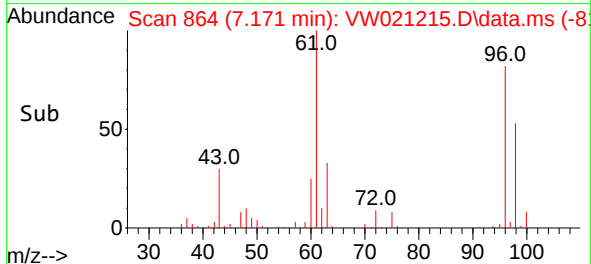
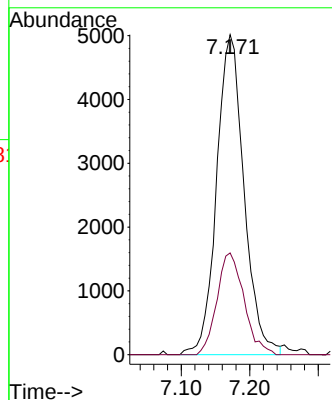
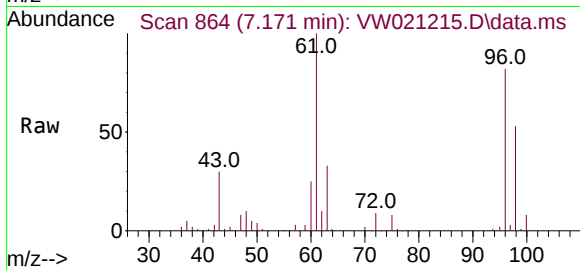




#22
2-Butanone
Concen: 31.231 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

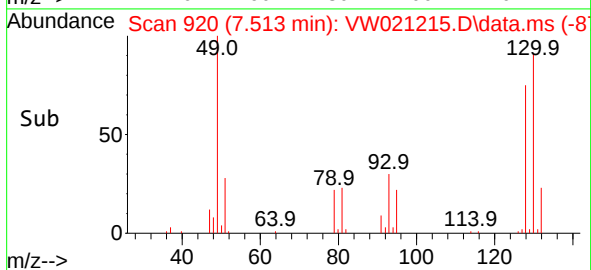
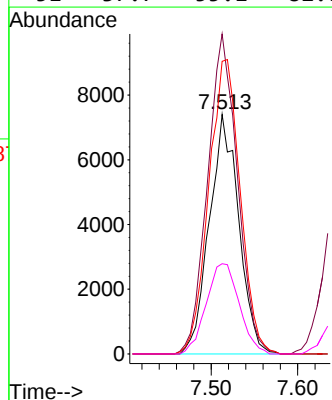
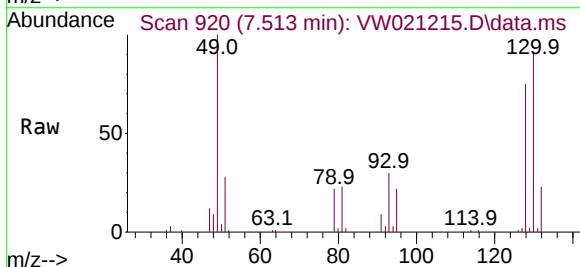
Instrument :
MSVOA_W
ClientSampleId :

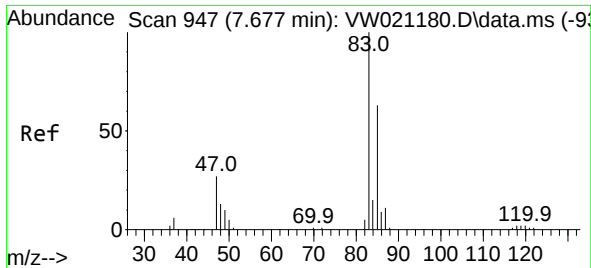
Tgt Ion: 43 Resp: 13925
Ion Ratio Lower Upper
43 100
72 31.3 11.8 35.4



#23
Bromochloromethane
Concen: 22.797 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion: 128 Resp: 17406
Ion Ratio Lower Upper
128 100
49 133.6 150.3 279.1#
130 122.2 88.3 163.9
51 37.7 55.1 82.7#

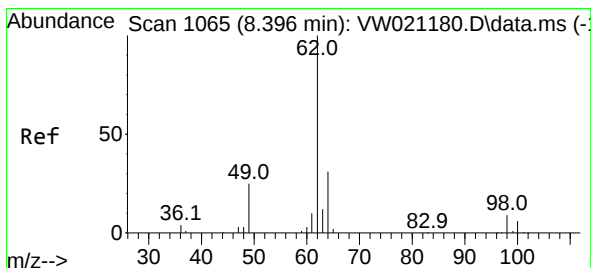
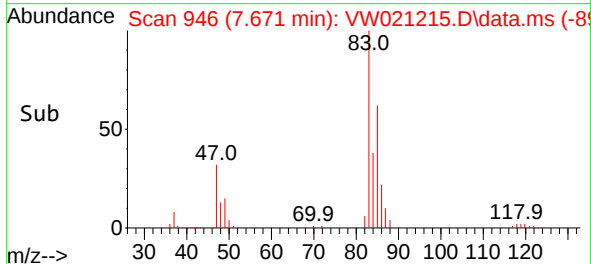
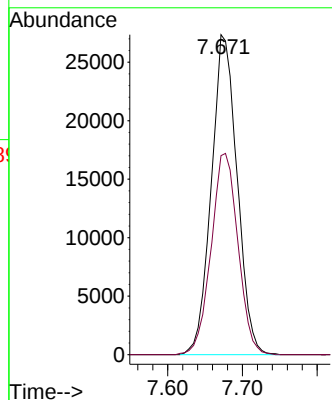
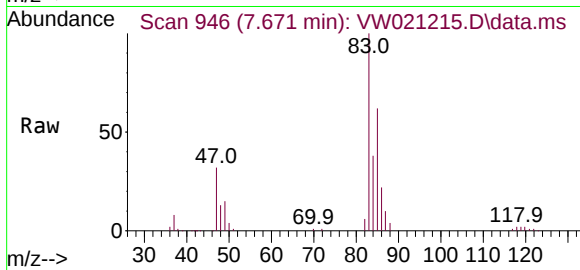




#25
Chloroform
Concen: 23.941 ug/L
RT: 7.671 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

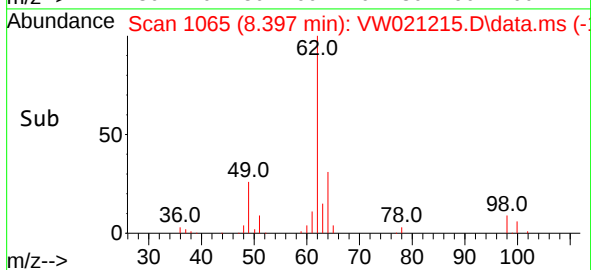
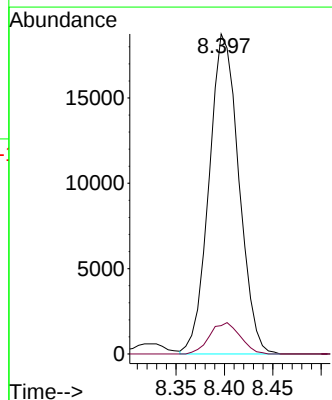
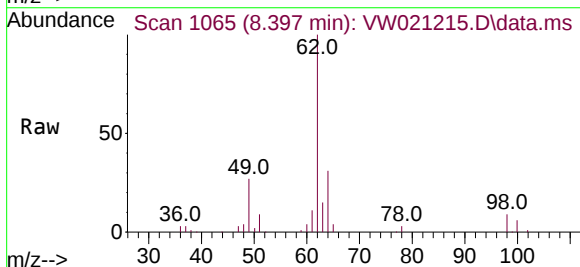
Instrument :
MSVOA_W
ClientSampleId :

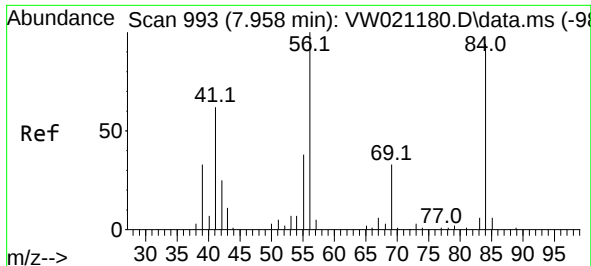
Tgt Ion: 83 Resp: 65548
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.449 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion: 62 Resp: 40206
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7





#29

Cyclohexane

Concen: 23.279 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

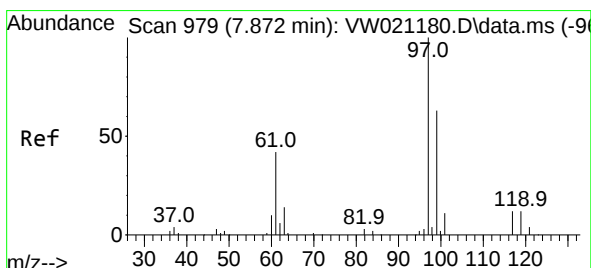
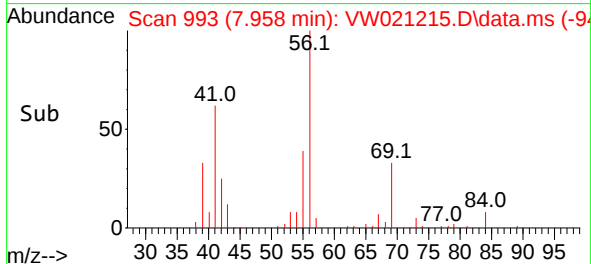
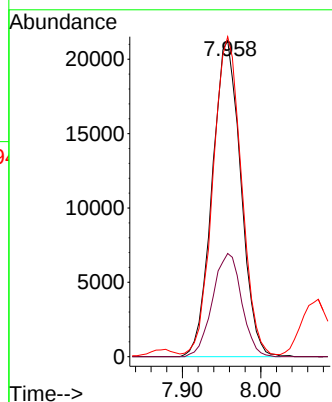
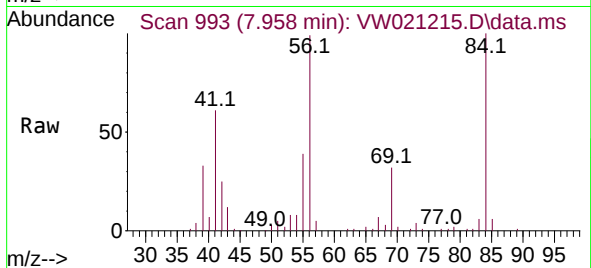
Tgt Ion: 56 Resp: 53838

Ion Ratio Lower Upper

56 100

69 33.1 23.5 35.3

84 101.6 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.594 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

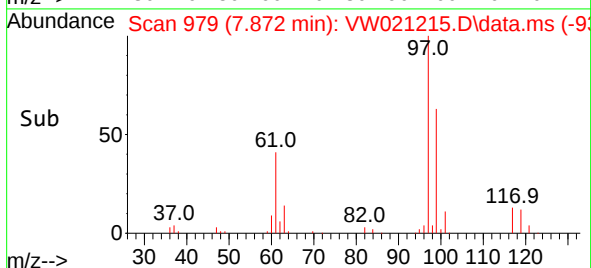
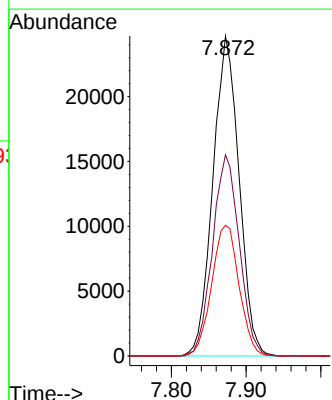
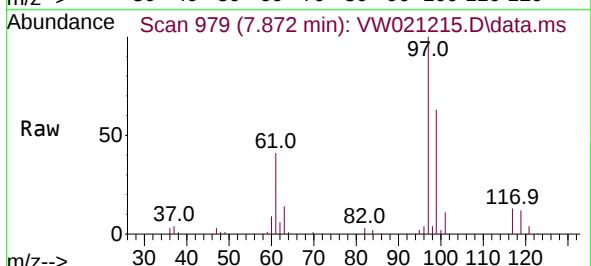
Tgt Ion: 97 Resp: 60116

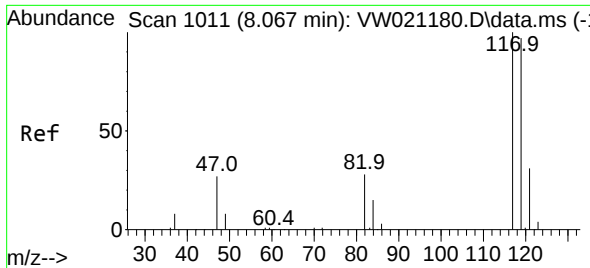
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

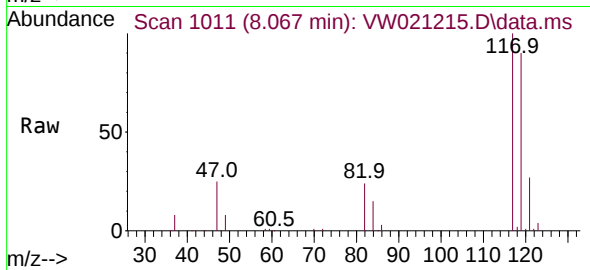
61 42.8 40.9 61.3



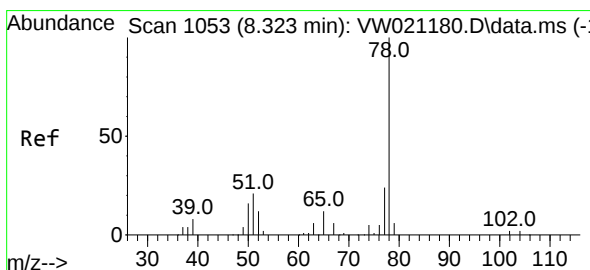
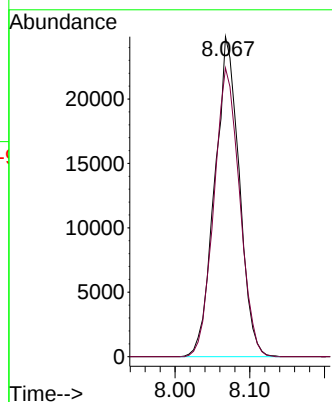
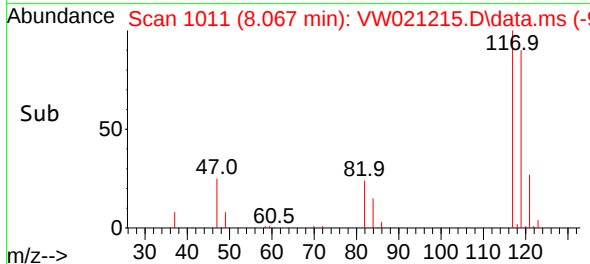


#31
Carbon tetrachloride
Concen: 24.945 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Instrument :
MSVOA_W
ClientSampleId :

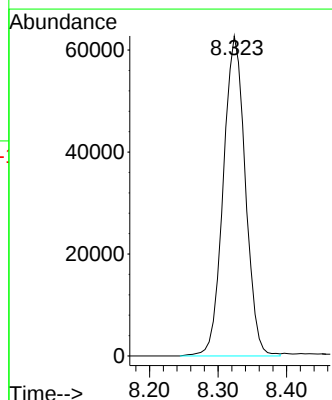
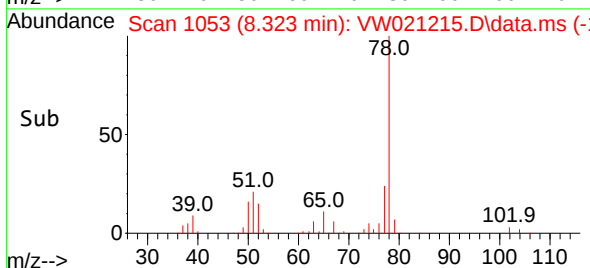
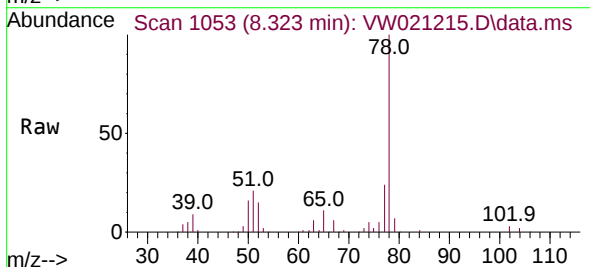


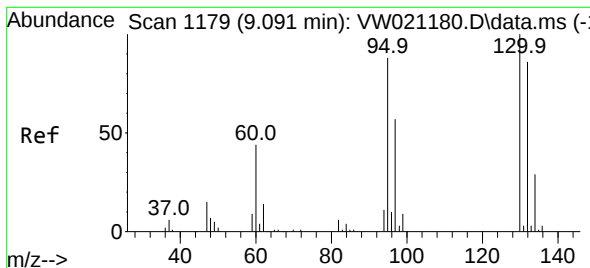
Tgt Ion:117 Resp: 56659
Ion Ratio Lower Upper
117 100
119 94.2 75.7 113.5



#33
Benzene
Concen: 23.529 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion: 78 Resp: 140272





#34

Trichloroethene

Concen: 24.347 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 40044

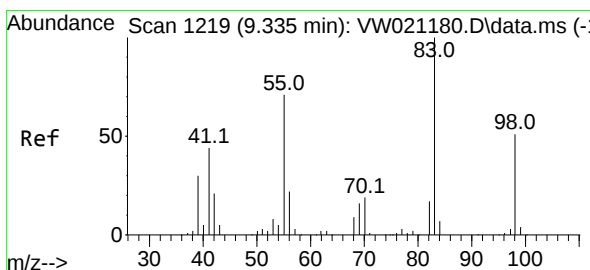
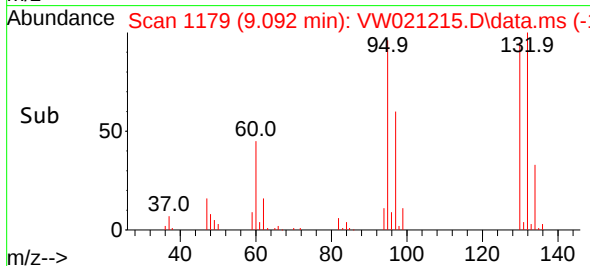
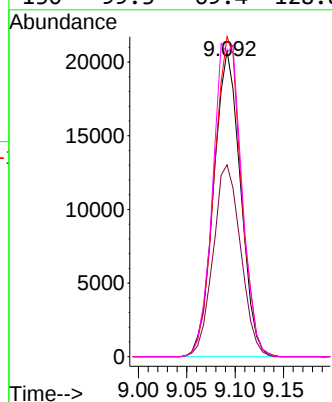
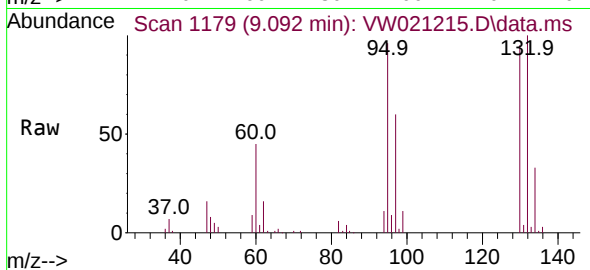
Ion Ratio Lower Upper

95 100

97 62.7 47.0 87.2

132 104.6 65.5 121.6

130 99.3 69.4 128.8



#35

Methylcyclohexane

Concen: 23.904 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

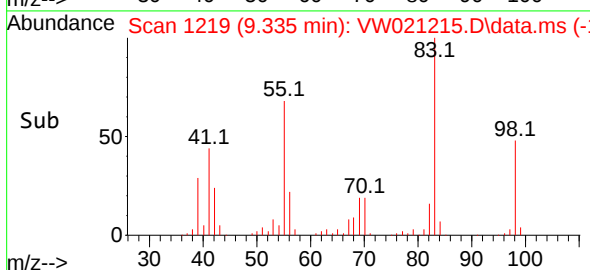
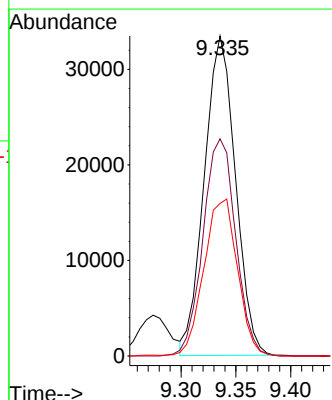
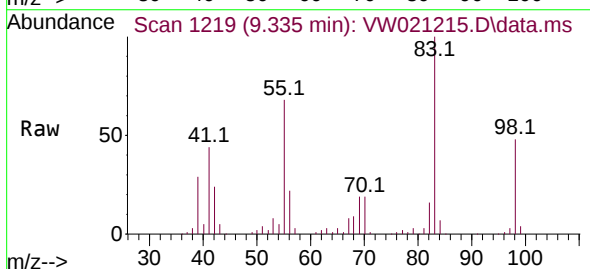
Tgt Ion: 83 Resp: 66176

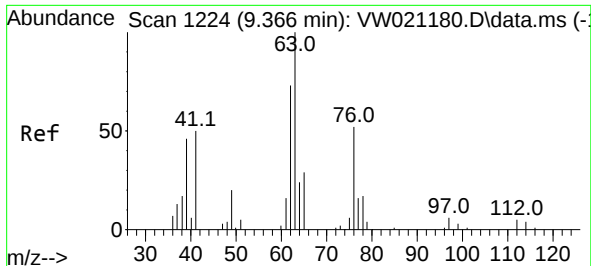
Ion Ratio Lower Upper

83 100

55 71.3 70.8 106.2

98 53.0 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.353 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

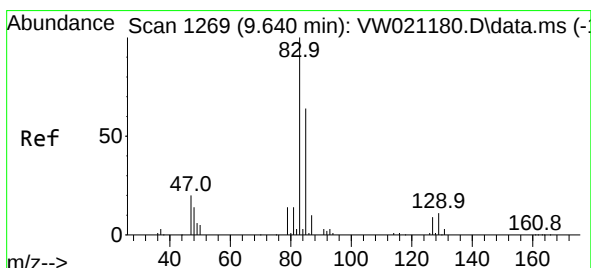
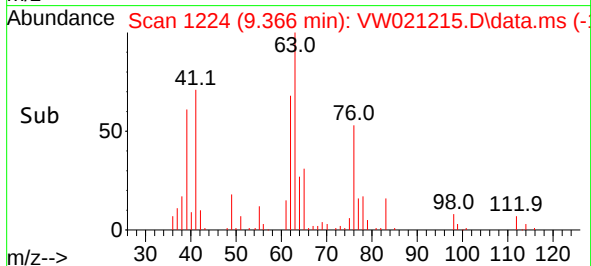
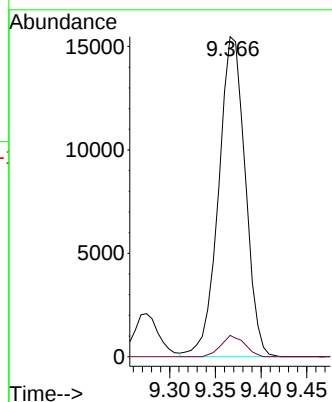
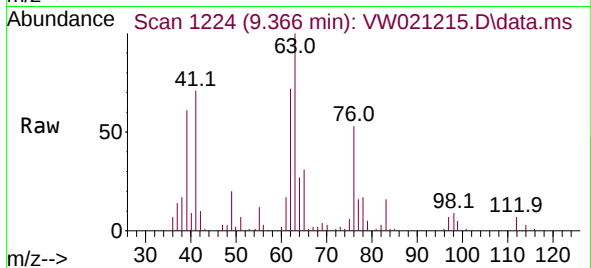
ClientSampleId :

Tgt Ion: 63 Resp: 31467

Ion Ratio Lower Upper

63 100

112 5.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.136 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

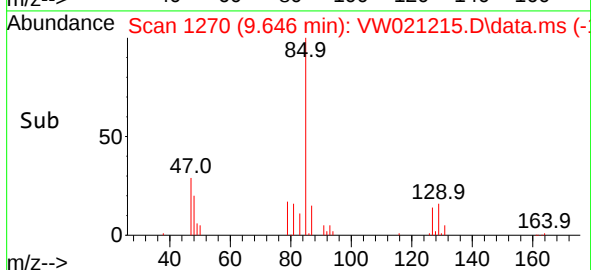
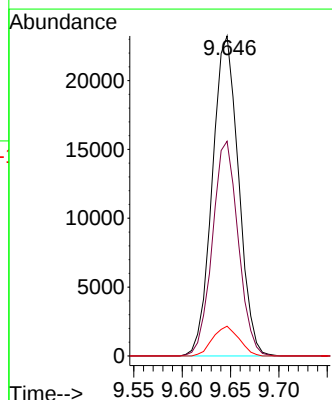
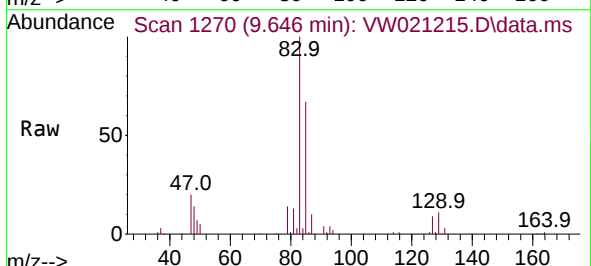
Tgt Ion: 83 Resp: 43822

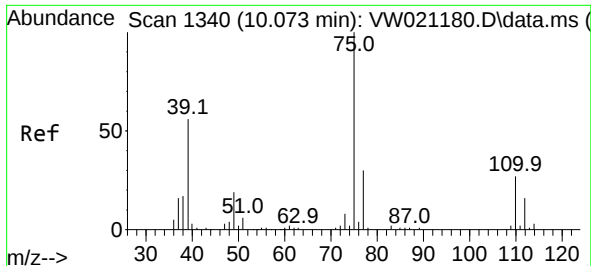
Ion Ratio Lower Upper

83 100

85 67.1 44.1 81.9

127 9.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.425 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

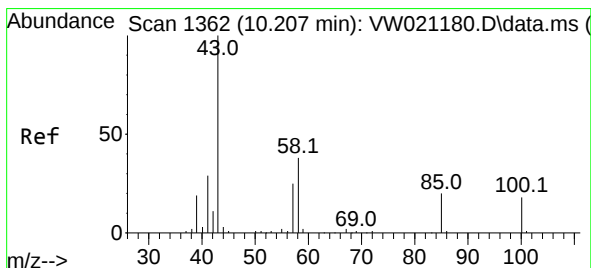
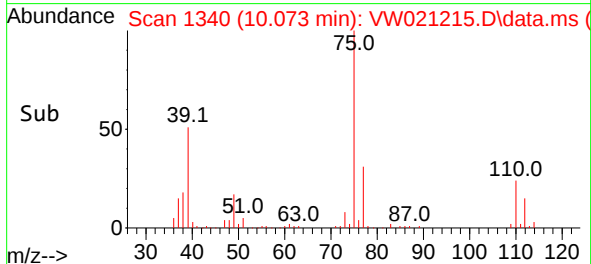
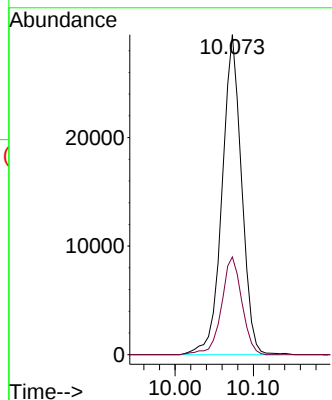
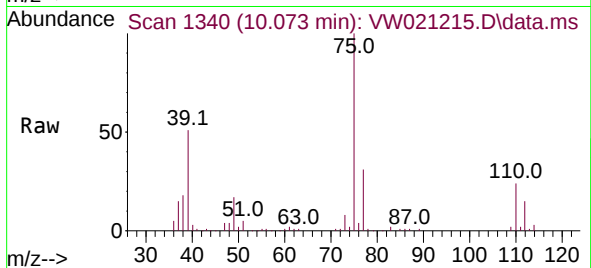
ClientSampleId :

Tgt Ion: 75 Resp: 51055

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 35.266 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

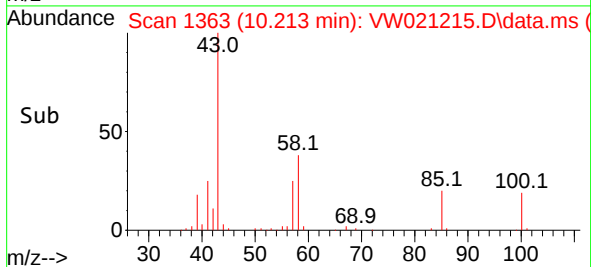
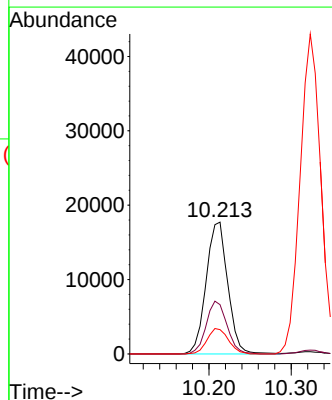
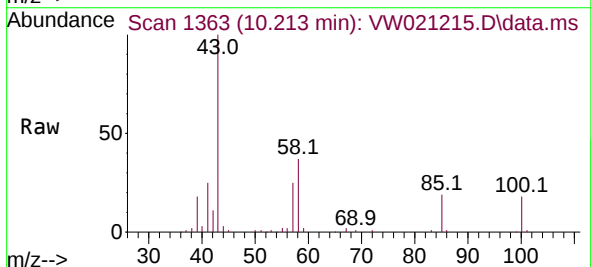
Tgt Ion: 43 Resp: 32371

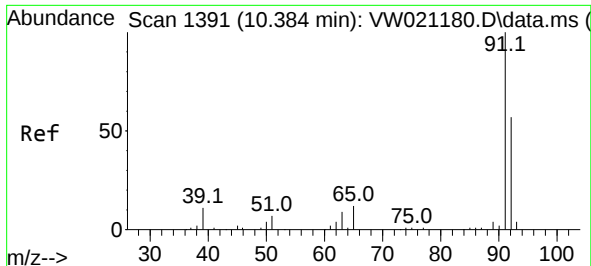
Ion Ratio Lower Upper

43 100

58 38.5 28.8 43.2

100 19.0 10.0 15.0#

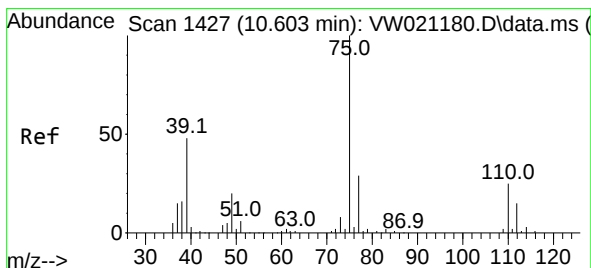
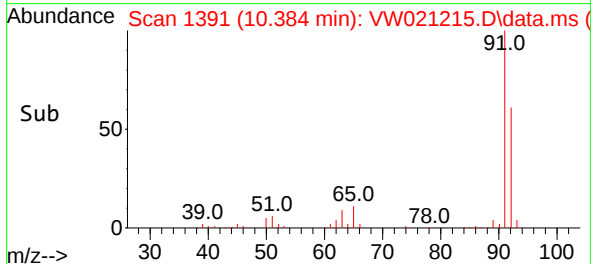
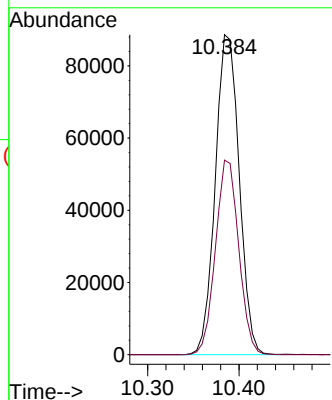
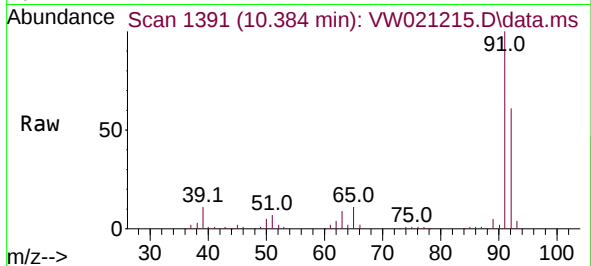




#42
Toluene
Concen: 23.713 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

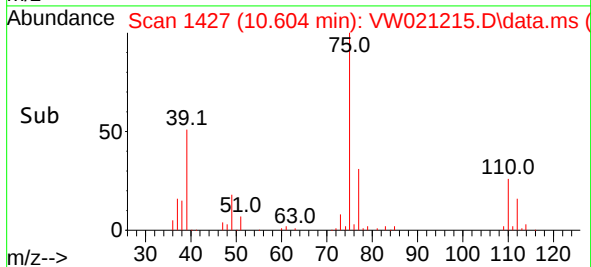
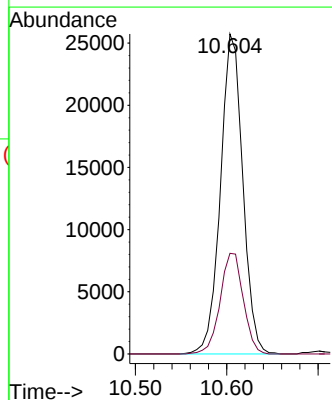
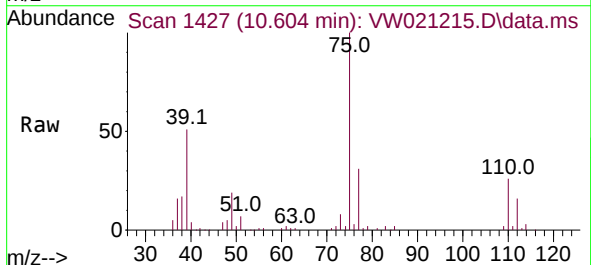
Instrument :
MSVOA_W
ClientSampleId :

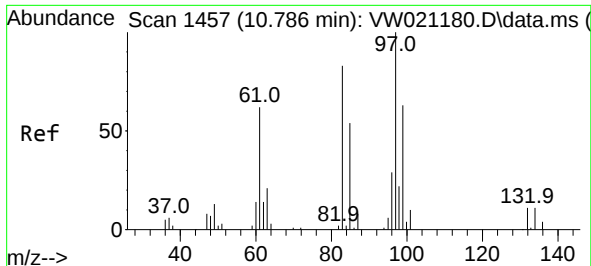
Tgt Ion: 91 Resp: 161468
Ion Ratio Lower Upper
91 100
92 60.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.144 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion: 75 Resp: 43664
Ion Ratio Lower Upper
75 100
77 31.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 21.738 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 24557

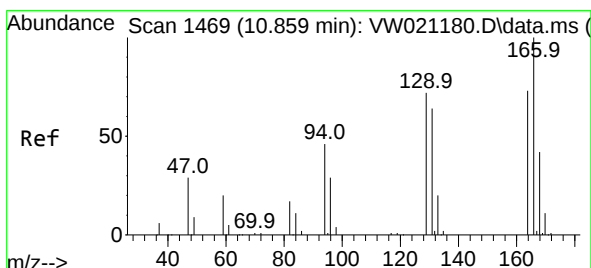
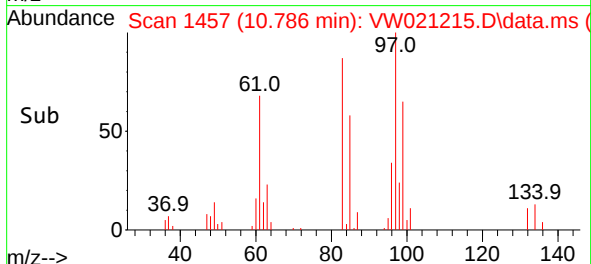
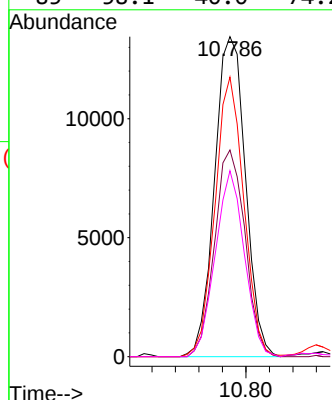
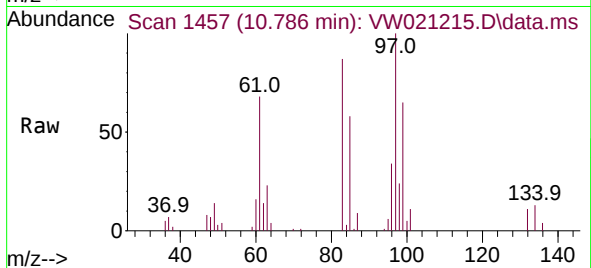
Ion Ratio Lower Upper

97 100

99 64.6 43.0 79.8

83 87.4 62.6 116.3

85 58.1 40.0 74.2



#46

Tetrachloroethene

Concen: 24.416 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Tgt Ion:164 Resp: 36771

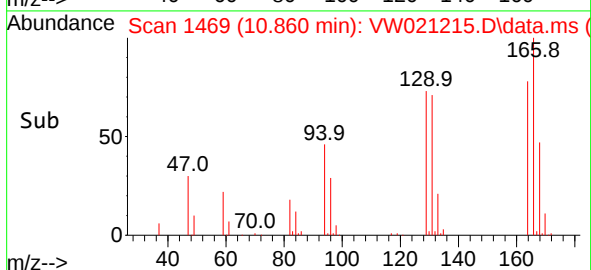
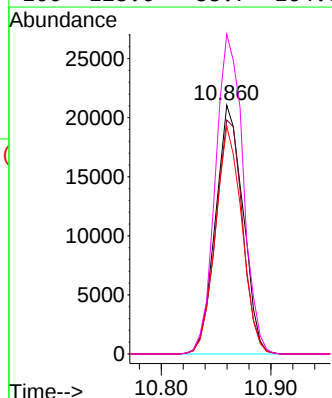
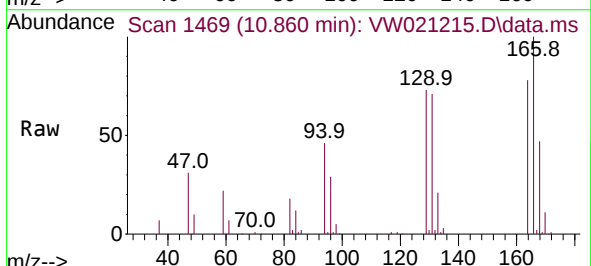
Ion Ratio Lower Upper

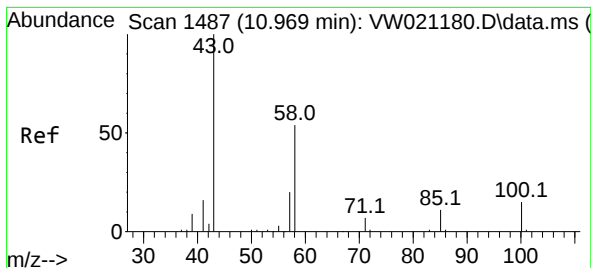
164 100

129 94.1 65.5 121.7

131 91.6 59.7 110.9

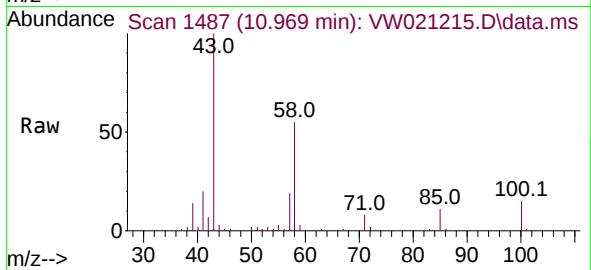
166 128.6 88.7 164.7



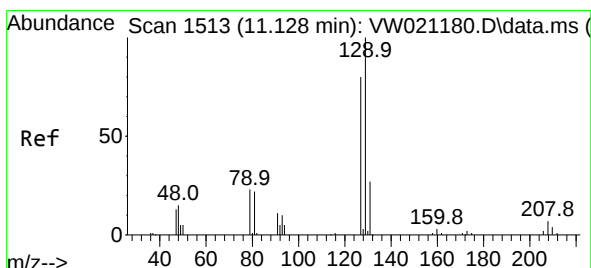
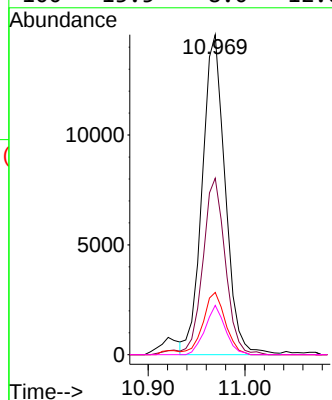
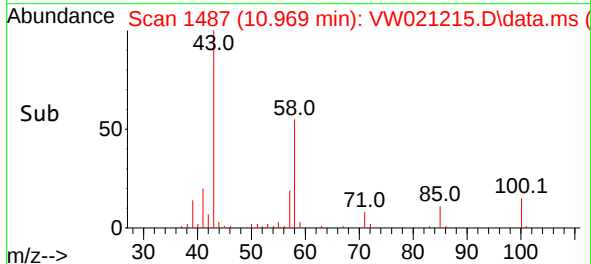


#48
2-Hexanone
Concen: 36.312 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Instrument :
MSVOA_W
ClientSampleId :

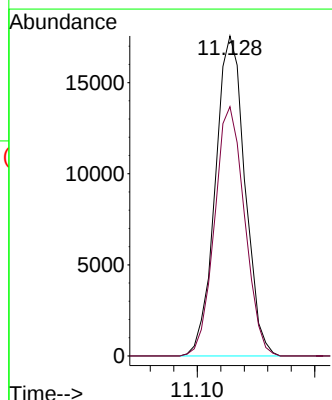
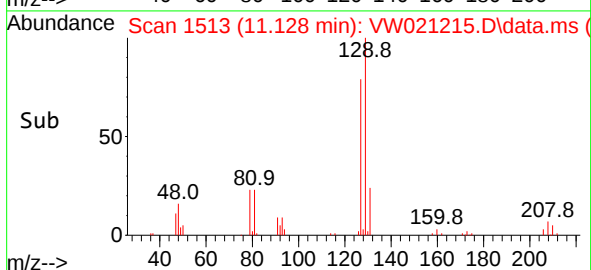
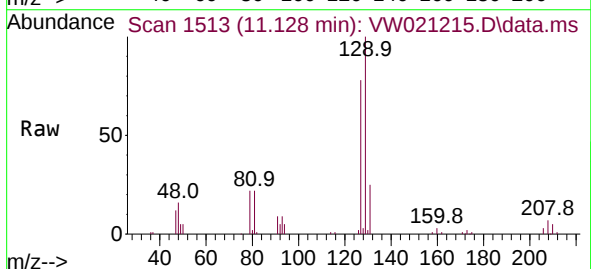


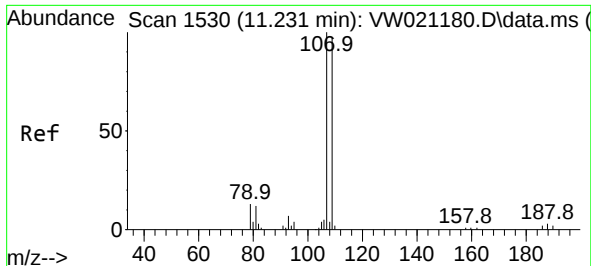
Tgt Ion: 43 Resp: 24045
Ion Ratio Lower Upper
43 100
58 53.7 40.2 60.2
57 18.9 14.3 21.5
100 13.5 8.0 12.0#



#49
Dibromochloromethane
Concen: 21.826 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion: 129 Resp: 30816
Ion Ratio Lower Upper
129 100
127 77.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 21.409 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021215.D

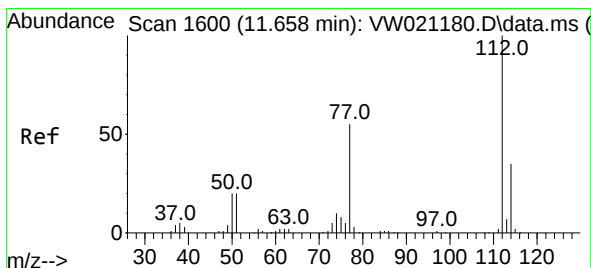
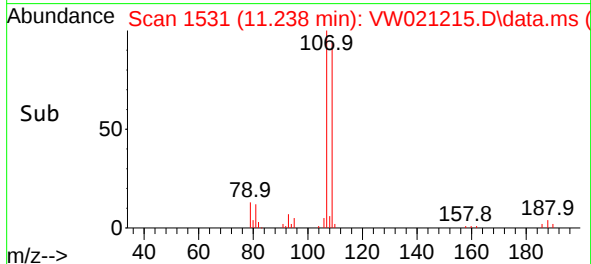
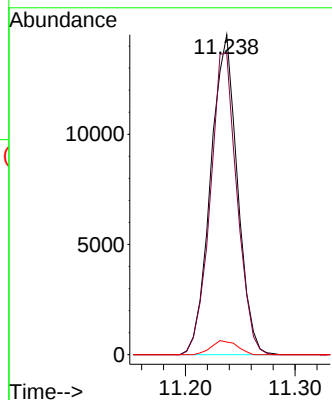
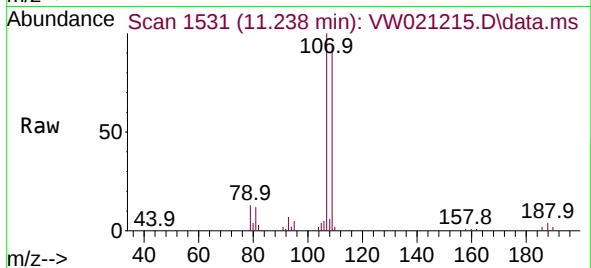
Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	24664
Ion Ratio	Lower	Upper
107	100	
109	94.2	64.1 119.1
188	3.9	2.6 3.8#



#51

Chlorobenzene

Concen: 23.514 ug/L

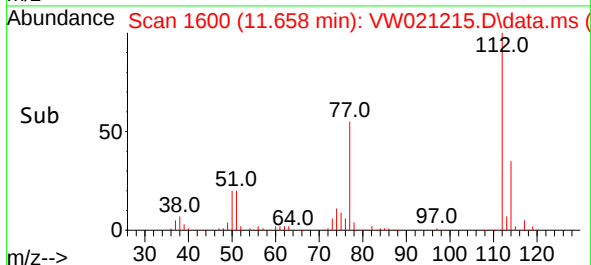
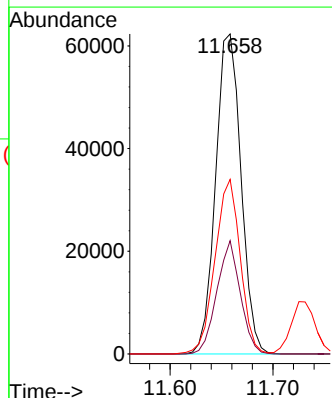
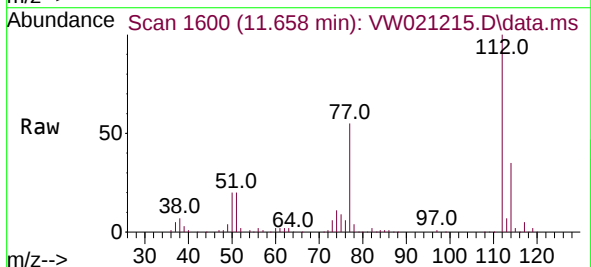
RT: 11.658 min Scan# 1600

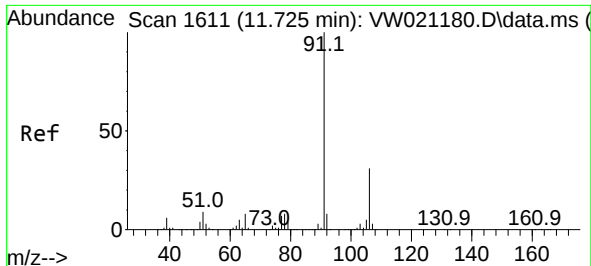
Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Tgt Ion:112	Resp:	106986
Ion Ratio	Lower	Upper
112	100	
114	35.4	22.4 41.6
77	54.6	50.2 75.4

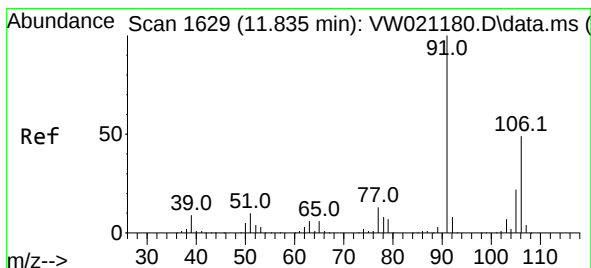
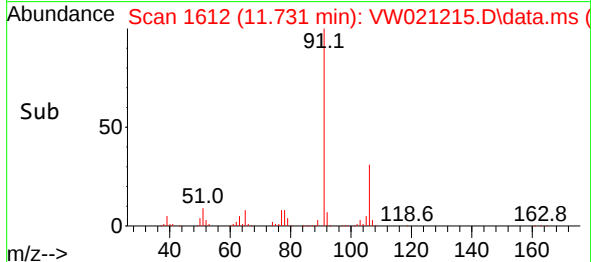
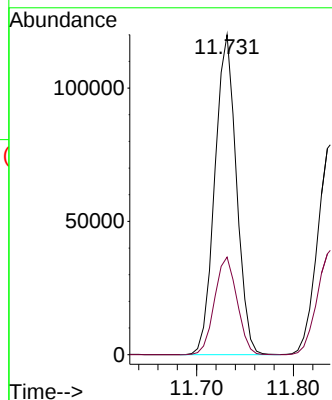
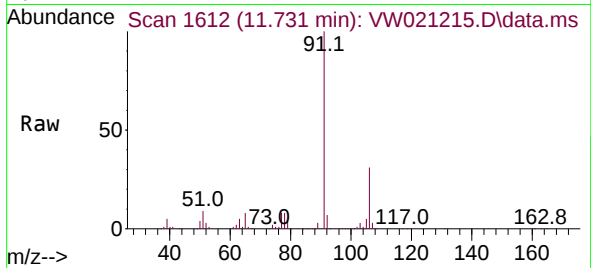




#52
Ethylbenzene
Concen: 24.263 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

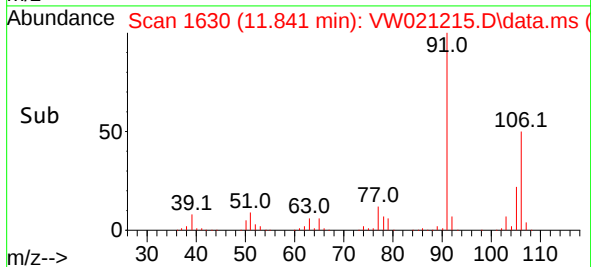
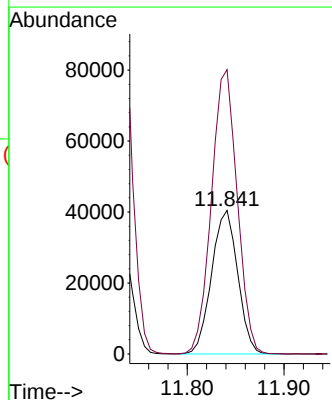
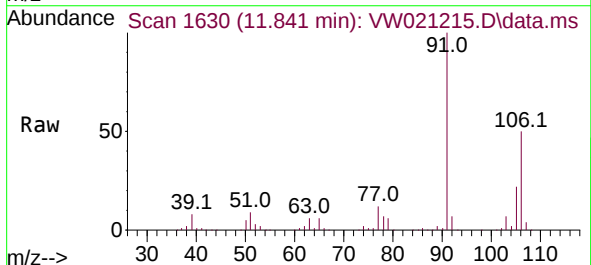
Instrument :
MSVOA_W
ClientSampleId :

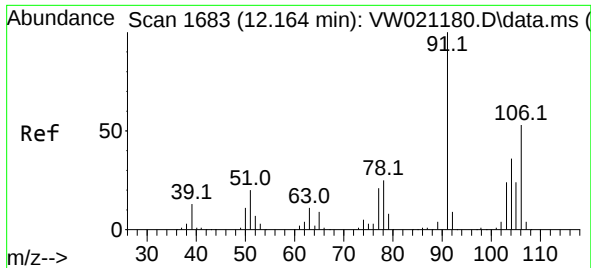
Tgt Ion: 91 Resp: 185989
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 23.899 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion:106 Resp: 75788
Ion Ratio Lower Upper
106 100
91 198.1 149.9 278.3

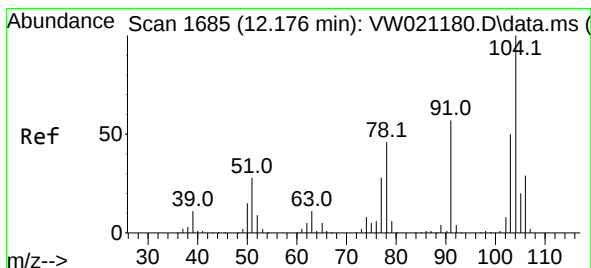
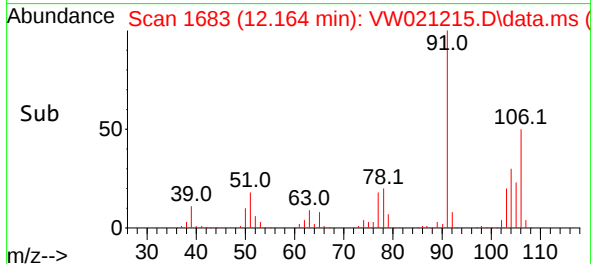
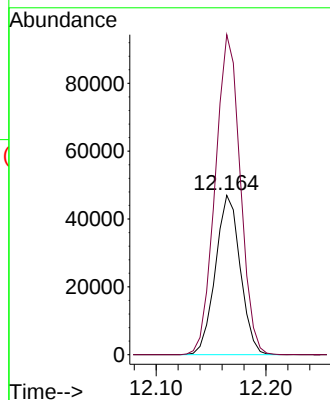
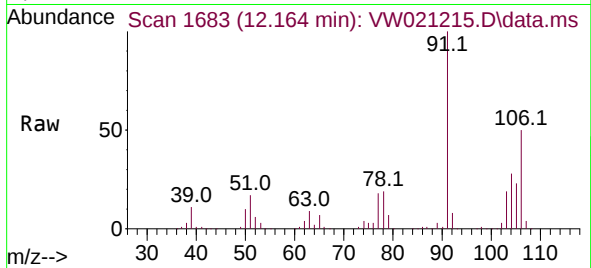




#54
o-Xylene
Concen: 24.736 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

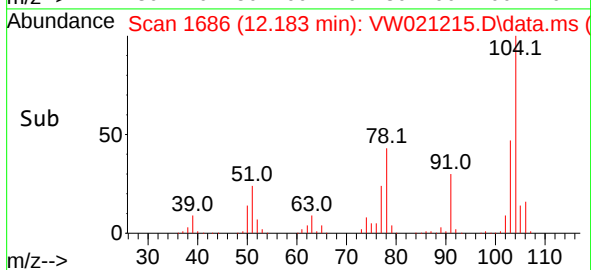
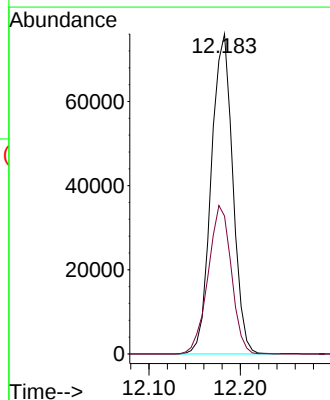
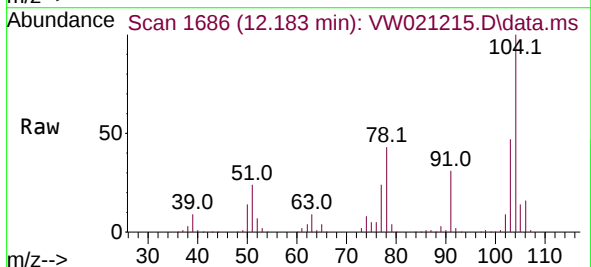
Instrument :
MSVOA_W
ClientSampleId :

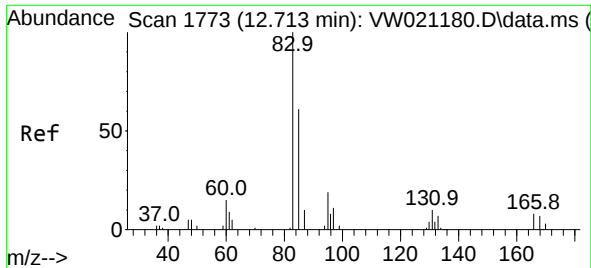
Tgt Ion:106 Resp: 73956
Ion Ratio Lower Upper
106 100
91 200.8 153.6 285.3



#55
Styrene
Concen: 24.334 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion:104 Resp: 123960
Ion Ratio Lower Upper
104 100
78 43.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 20.408 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

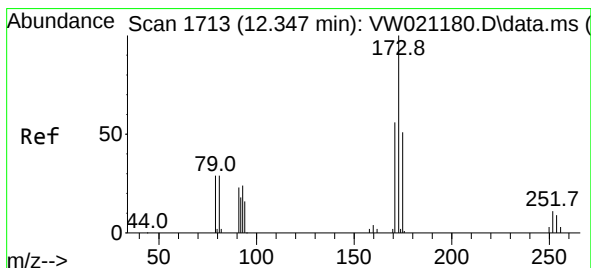
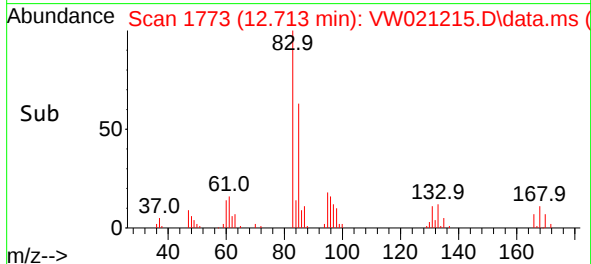
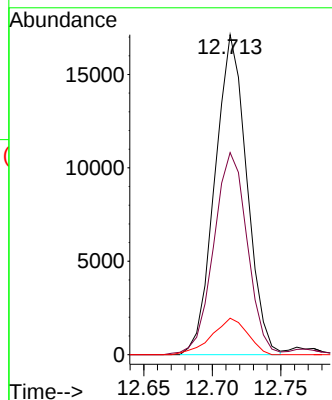
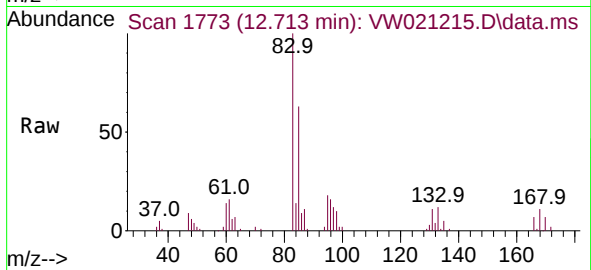
Tgt Ion: 83 Resp: 27729

Ion Ratio Lower Upper

83 100

85 63.2 44.0 81.6

131 11.4 6.9 10.3#



#59

Bromoform

Concen: 20.391 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

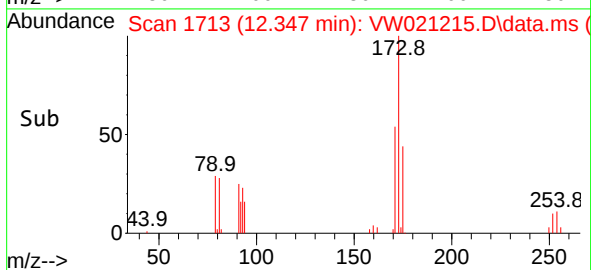
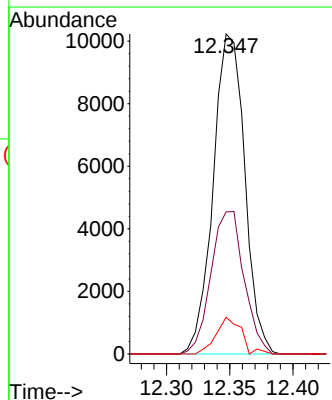
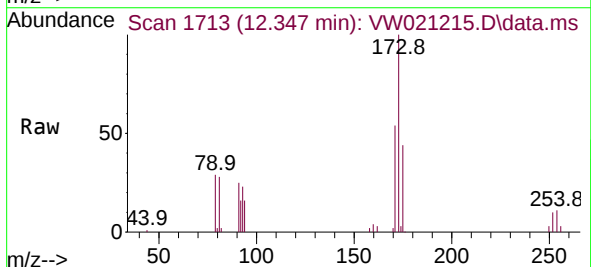
Tgt Ion:173 Resp: 17745

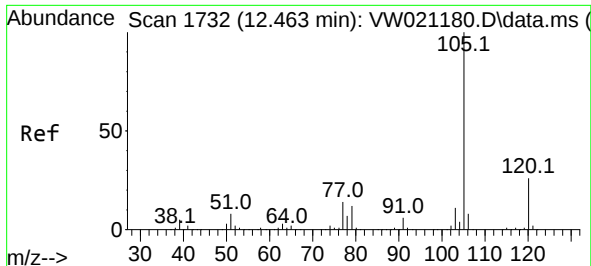
Ion Ratio Lower Upper

173 100

175 46.6 39.6 59.4

254 8.7 7.4 11.0

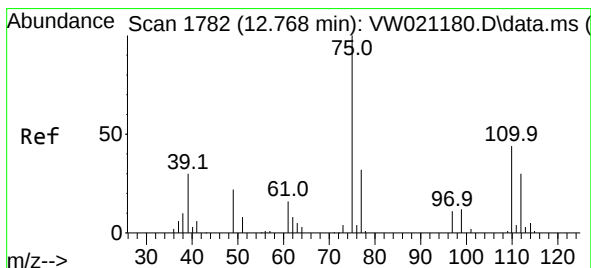
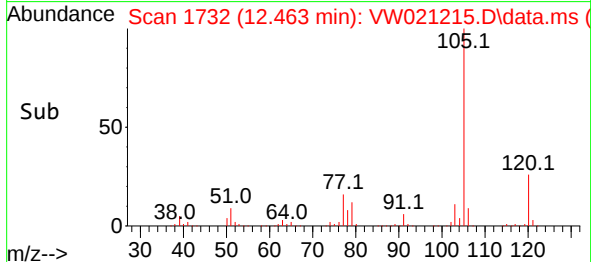
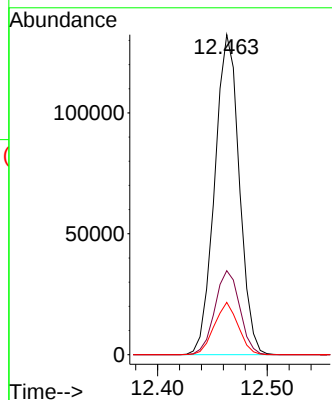
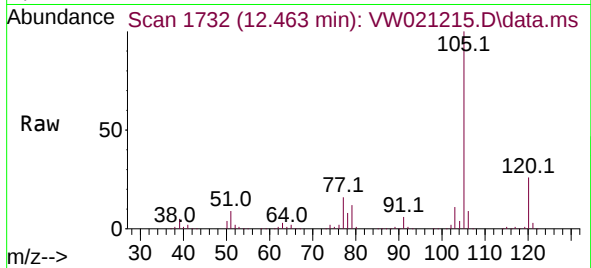




#60
Isopropylbenzene
Concen: 24.365 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

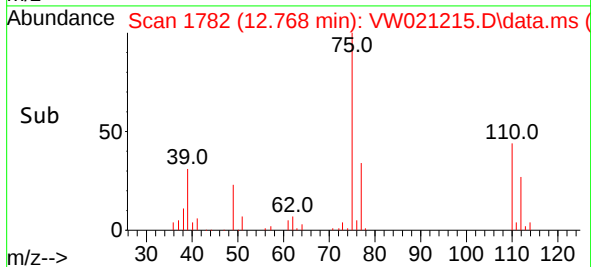
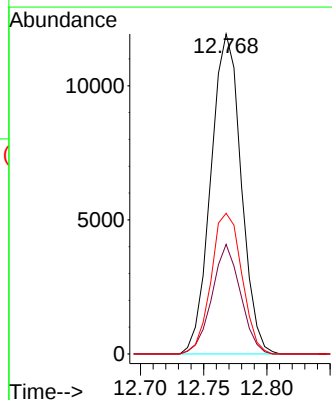
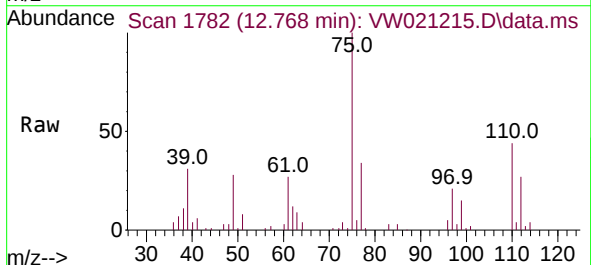
Instrument :
MSVOA_W
ClientSampleId :

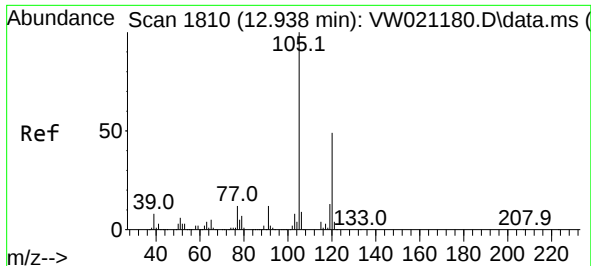
Tgt Ion:105 Resp: 206637
Ion Ratio Lower Upper
105 100
120 26.6 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 19.433 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion: 75 Resp: 19865
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 44.6 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.947 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

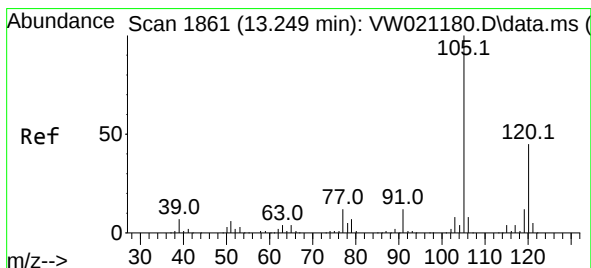
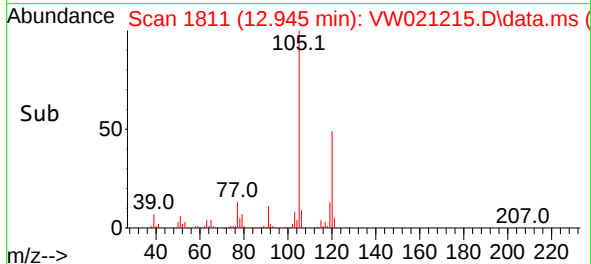
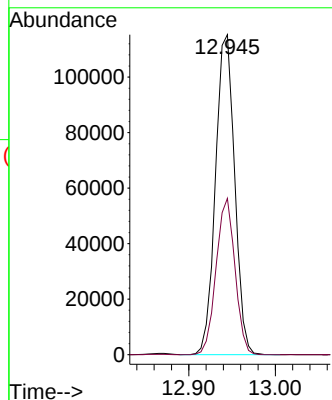
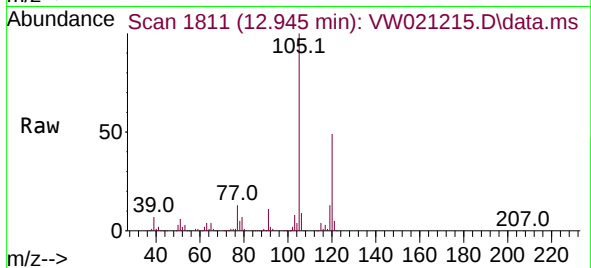
ClientSampleId :

Tgt Ion:105 Resp: 177177

Ion Ratio Lower Upper

105 100

120 48.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.263 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021215.D

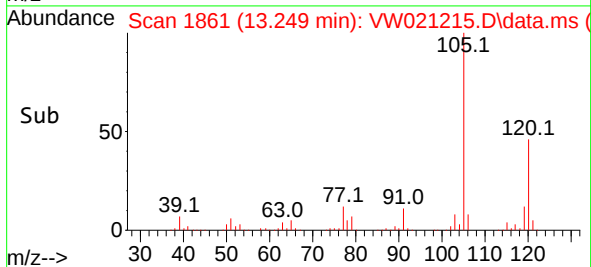
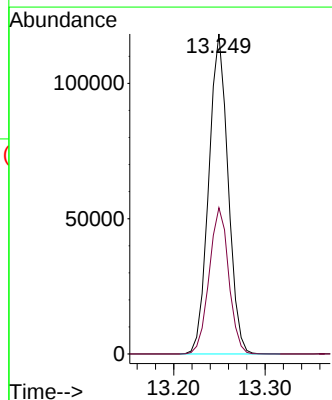
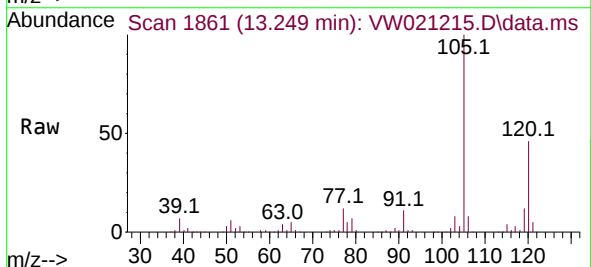
Acq: 08 Dec 2021 08:30

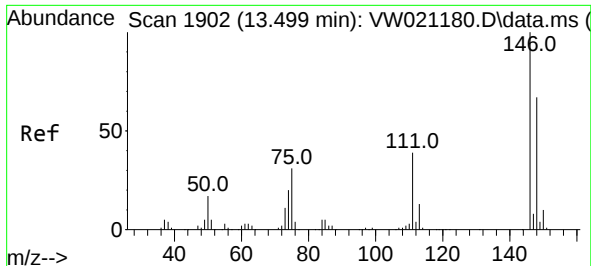
Tgt Ion:105 Resp: 173311

Ion Ratio Lower Upper

105 100

120 46.2 35.0 52.6

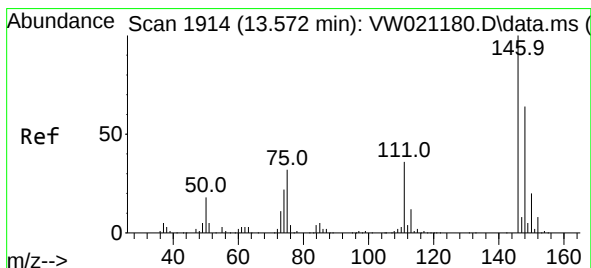
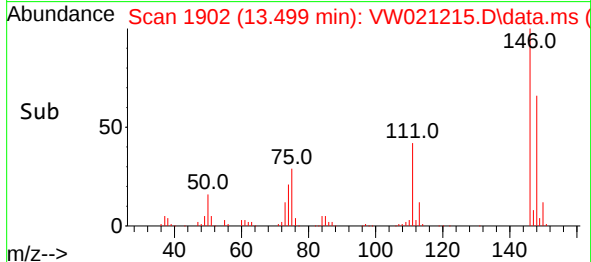
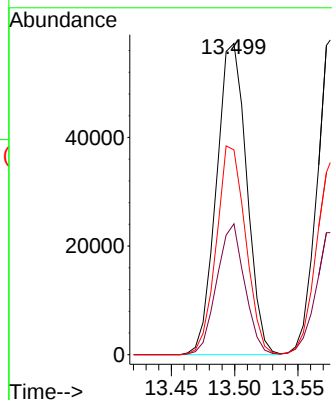
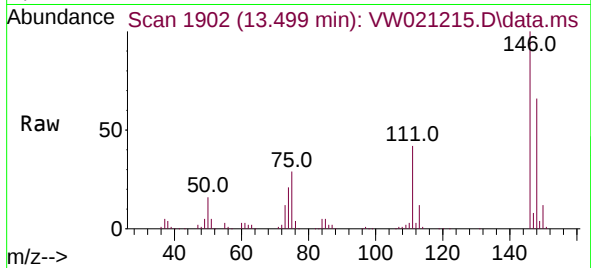




#64
1,3-Dichlorobenzene
Concen: 23.948 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

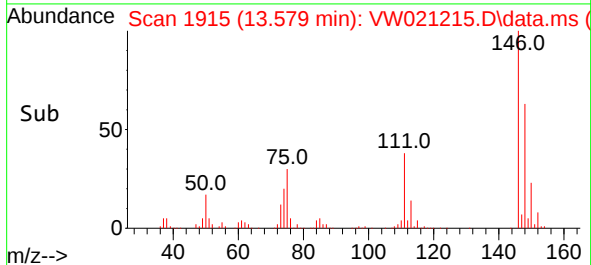
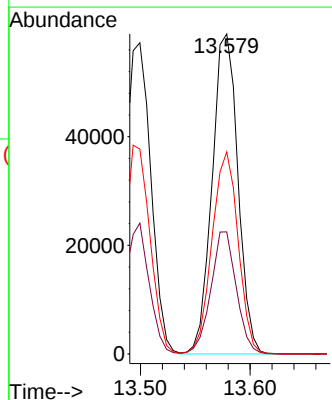
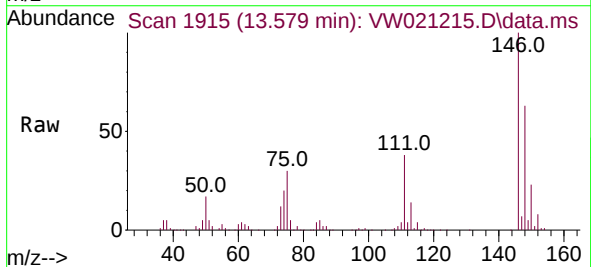
Instrument :
MSVOA_W
ClientSampleId :

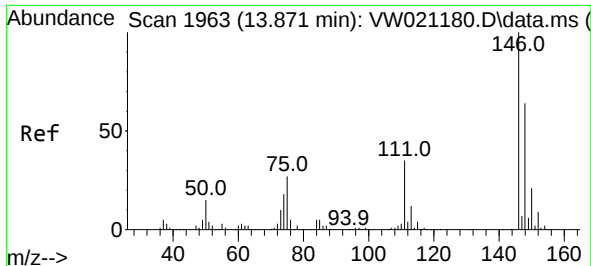
Tgt Ion:146 Resp: 95630
Ion Ratio Lower Upper
146 100
111 42.1 29.8 55.3
148 65.8 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.936 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021215.D
Acq: 08 Dec 2021 08:30

Tgt Ion:146 Resp: 96601
Ion Ratio Lower Upper
146 100
111 38.2 29.0 53.9
148 63.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.175 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

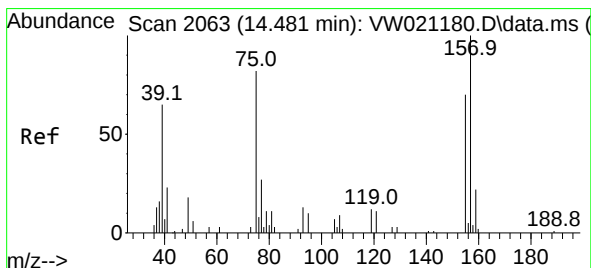
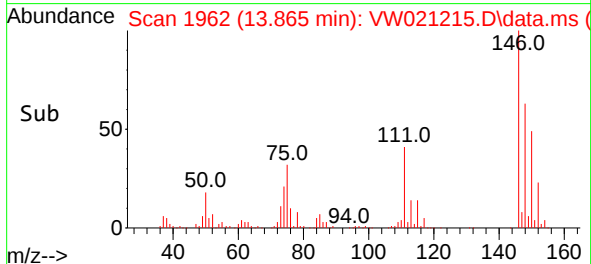
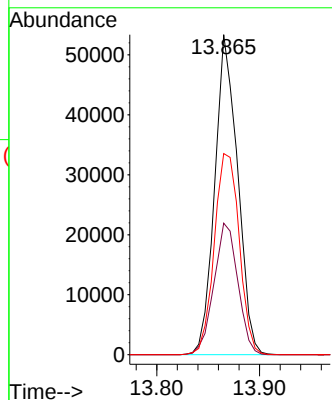
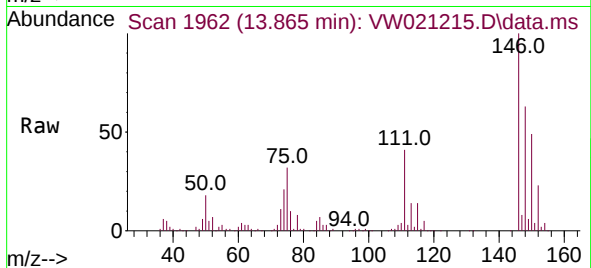
Tgt Ion:146 Resp: 82400

Ion Ratio Lower Upper

146 100

111 41.1 33.1 49.7

148 62.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 17.147 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

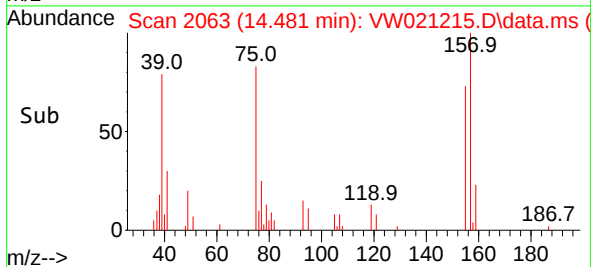
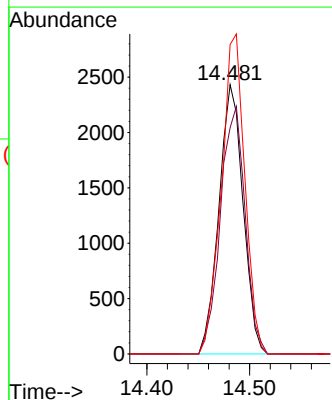
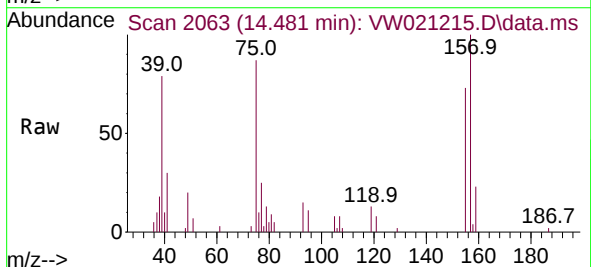
Tgt Ion: 75 Resp: 3958

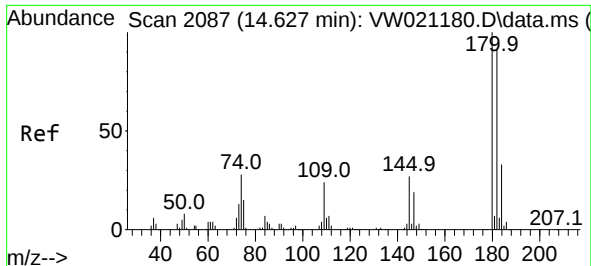
Ion Ratio Lower Upper

75 100

155 84.0 54.2 81.2#

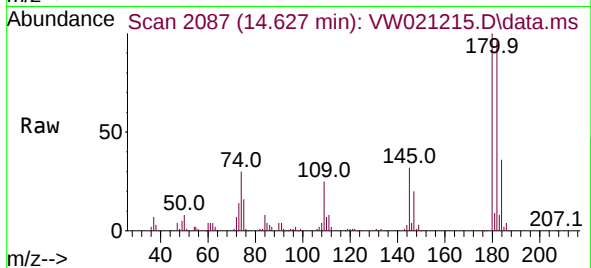
157 114.9 69.4 104.2#



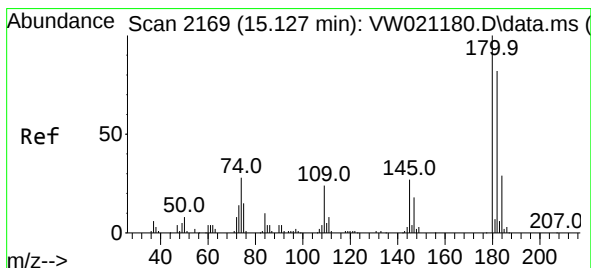
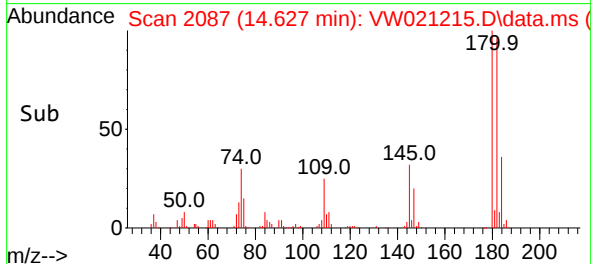
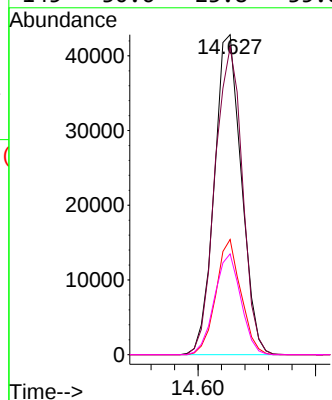


#69
 1,3,5-Trichlorobenzene
 Concen: 23.348 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.006 min
 Lab File: VW021215.D
 Acq: 08 Dec 2021 08:30

Instrument :
 MSVOA_W
 ClientSampleId :

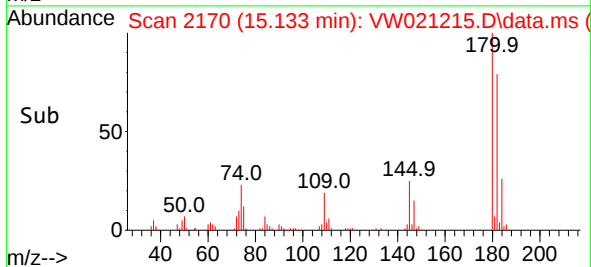
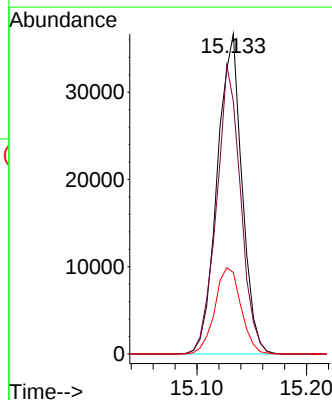
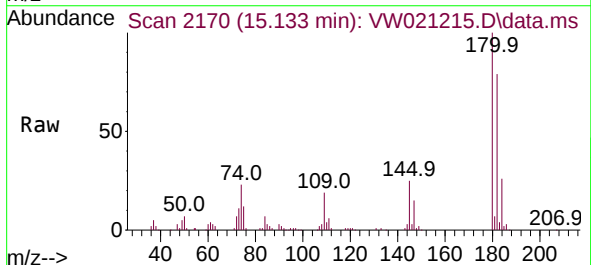


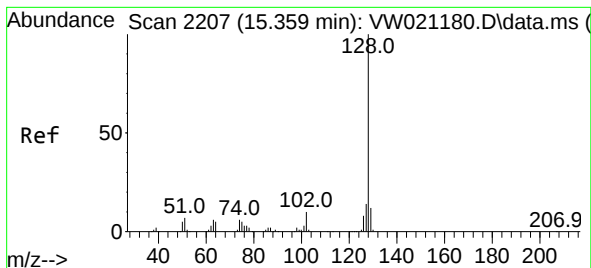
Tgt Ion:180 Resp: 68522
 Ion Ratio Lower Upper
 180 100
 182 97.6 75.4 113.0
 184 33.2 23.8 35.8
 145 30.6 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 23.797 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VW021215.D
 Acq: 08 Dec 2021 08:30

Tgt Ion:180 Resp: 57389
 Ion Ratio Lower Upper
 180 100
 182 88.4 79.0 118.6
 145 28.5 26.0 39.0





#71

Naphthalene

Concen: 19.141 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Instrument :

MSVOA_W

ClientSampleId :

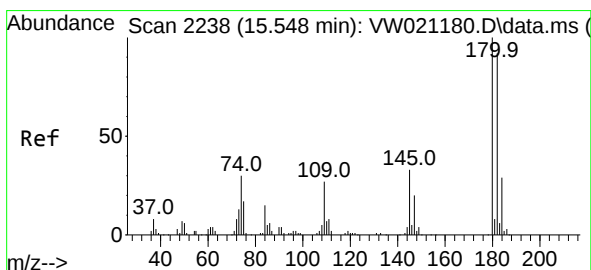
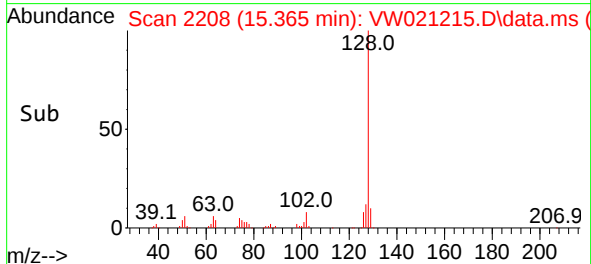
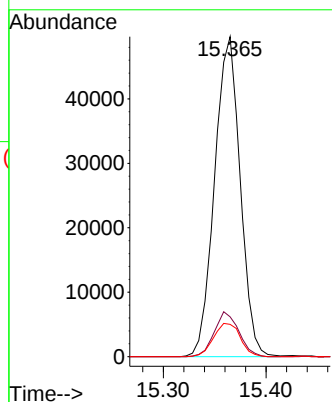
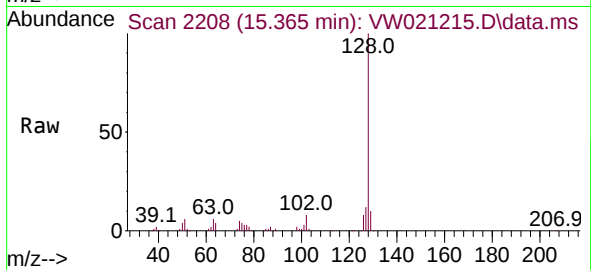
Tgt Ion:128 Resp: 85811

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.761 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW021215.D

Acq: 08 Dec 2021 08:30

Tgt Ion:180 Resp: 45800

Ion Ratio Lower Upper

180 100

182 93.9 76.6 114.8

145 32.5 27.4 41.0

