

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021063.D
 Acq On : 03 Dec 2021 14:17
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:24:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 18:49:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	111404	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	105835	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59405	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39901	25.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.840%	
7) Chloroethane-d5	2.879	69	26155	25.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.680%	
11) 1,1-Dichloroethene-d2	4.013	63	60399	24.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.440%	
21) 2-Butanone-d5	7.080	46	17327	48.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.880%	
24) Chloroform-d	7.647	84	70242	25.177	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.720%	
26) 1,2-Dichloroethane-d4	8.305	65	37499	24.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 98.280%	
32) Benzene-d6	8.275	84	132446	24.475	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.920%	
36) 1,2-Dichloropropane-d6	9.275	67	37330	24.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.280%	
41) Toluene-d8	10.323	98	134615	24.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.040%	
43) trans-1,3-Dichloroprop...	10.573	79	17330	25.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.520%	
47) 2-Hexanone-d5	10.921	63	14476	50.313	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.620%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	33277	23.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 95.680%	
66) 1,2-Dichlorobenzene-d4	13.847	152	51608	24.246	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	15583	28.637	ug/L	93
3) Chloromethane	2.209	50	29273	24.030	ug/L	98
5) Vinyl chloride	2.355	62	49898	23.578	ug/L	96
6) Bromomethane	2.770	94	33788	24.012	ug/L	100
8) Chloroethane	2.916	64	21843	24.766	ug/L	98
9) Trichlorofluoromethane	3.251	101	22875	22.386	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	37252	23.290	ug/L	89
12) 1,1-Dichloroethene	4.032	96	34547	23.891	ug/L	81
13) Acetone	4.123	43	13577	42.100	ug/L	95
14) Carbon disulfide	4.379	76	98939	24.650	ug/L	100
15) Methyl Acetate	4.666	43	14124	24.154	ug/L	# 90
16) Methylene chloride	4.916	84	35565	20.263	ug/L	81
17) trans-1,2-Dichloroethene	5.422	96	38052	24.715	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	55918	24.063	ug/L	94
19) 1,1-Dichloroethane	6.208	63	58945	24.144	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	39338	24.083	ug/L	75
22) 2-Butanone	7.165	43	20127	45.098	ug/L	90
23) Bromochloromethane	7.513	128	18784	24.578	ug/L	# 70
25) Chloroform	7.677	83	65973	24.073	ug/L	100

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

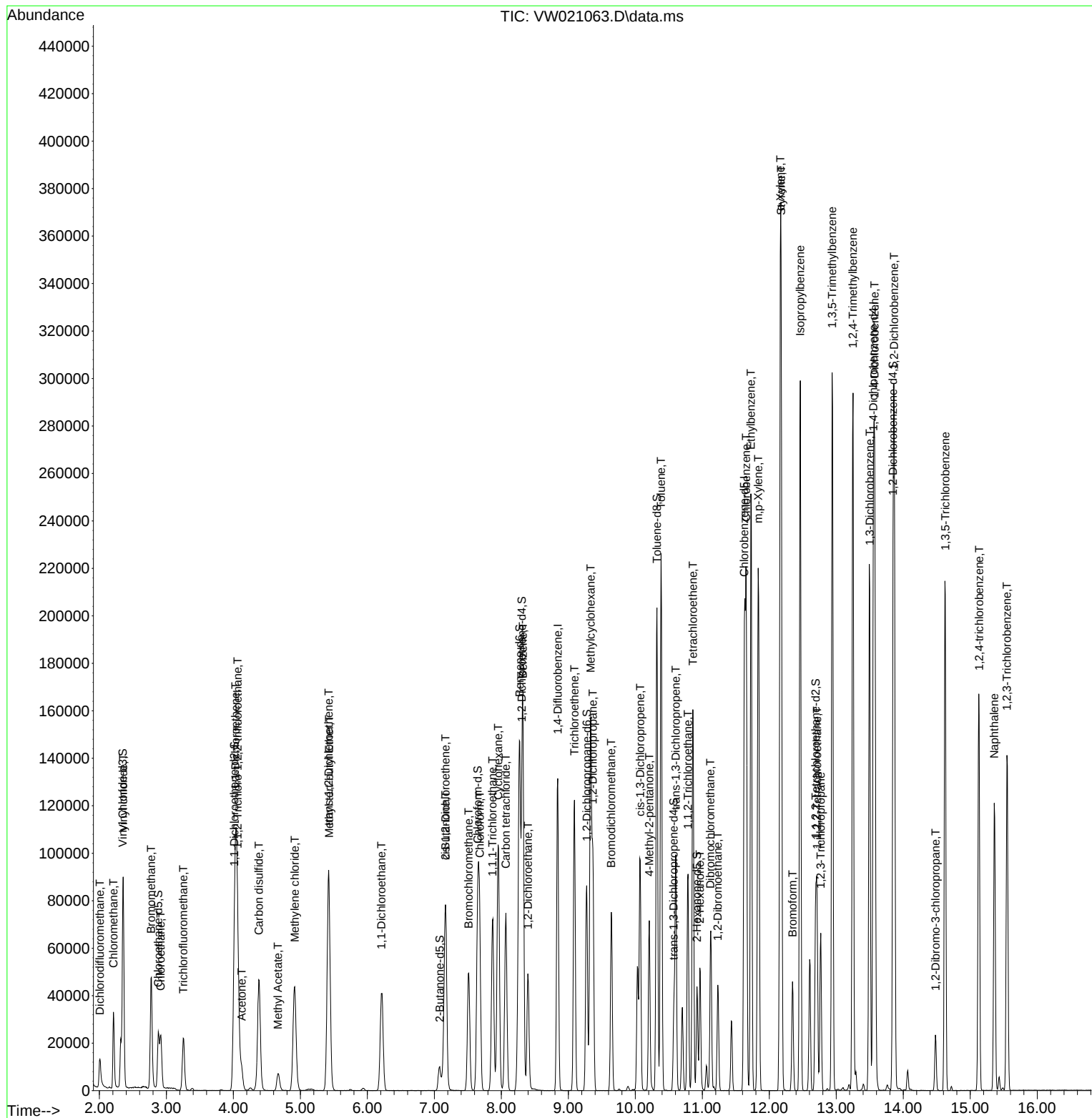
27) 1,2-Dichloroethane	8.397	62	43442	24.233	ug/L	96
29) Cyclohexane	7.952	56	55043	23.575	ug/L #	83
30) 1,1,1-Trichloroethane	7.866	97	57822	23.432	ug/L	95
31) Carbon tetrachloride	8.067	117	54461	23.751	ug/L	99
33) Benzene	8.323	78	142166	23.622	ug/L	100
34) Trichloroethene	9.092	95	40098	24.150	ug/L	91
35) Methylcyclohexane	9.336	83	65766	23.531	ug/L	86
37) 1,2-Dichloropropane	9.366	63	32352	23.783	ug/L #	96
38) Bromodichloromethane	9.640	83	47647	24.917	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	54485	24.763	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	43468	46.907	ug/L #	92
42) Toluene	10.384	91	161272	23.460	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	48695	24.462	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	27445	24.065	ug/L	93
46) Tetrachloroethene	10.860	164	36497	24.005	ug/L	94
48) 2-Hexanone	10.963	43	31858	47.657	ug/L #	95
49) Dibromochloromethane	11.122	129	34243	24.024	ug/L	96
50) 1,2-Dibromoethane	11.232	107	28643	24.629	ug/L #	99
51) Chlorobenzene	11.652	112	107873	23.485	ug/L	92
52) Ethylbenzene	11.725	91	178611	23.080	ug/L	99
53) m,p-Xylene	11.835	106	71917	22.464	ug/L	89
54) o-Xylene	12.164	106	68232	22.606	ug/L	91
55) Styrene	12.176	104	117630	22.873	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	32860	23.955	ug/L #	97
59) Bromoform	12.347	173	20480	24.175	ug/L #	98
60) Isopropylbenzene	12.463	105	188684	22.854	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	24070	24.188	ug/L	92
62) 1,3,5-Trimethylbenzene	12.939	105	160292	23.184	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	159359	22.917	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	90402	23.255	ug/L	86
65) 1,4-Dichlorobenzene	13.573	146	90173	22.952	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	80585	23.282	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	5446	24.236	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	68984	24.146	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	56167	23.925	ug/L	92
71) Naphthalene	15.359	128	104311	23.901	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	47300	23.086	ug/L	98

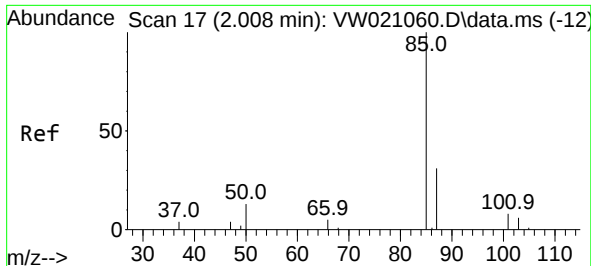
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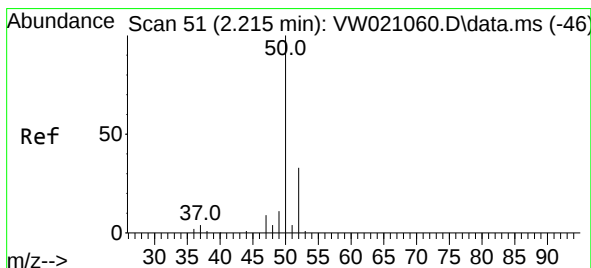
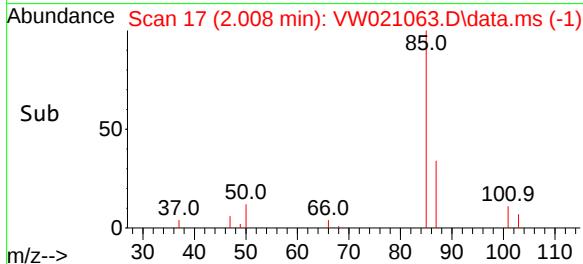
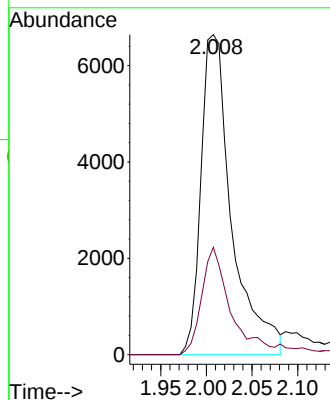
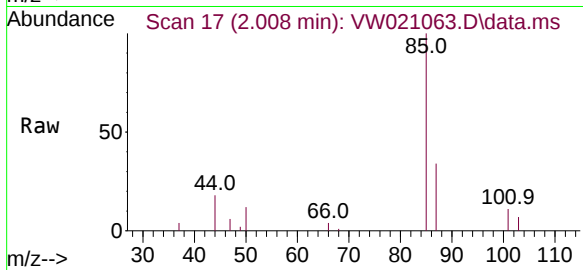




#2
 Dichlorodifluoromethane
 Concen: 28.637 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

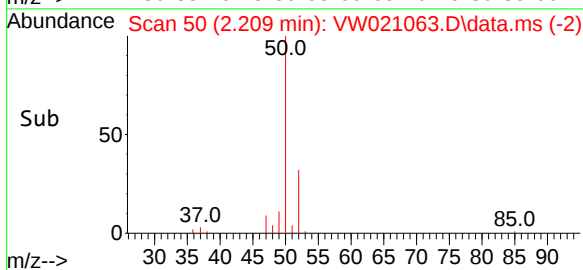
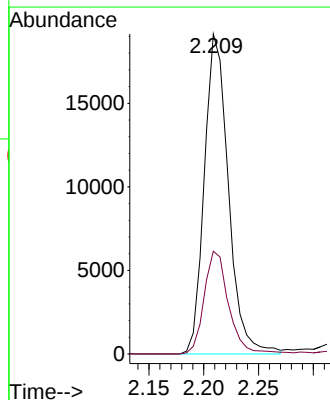
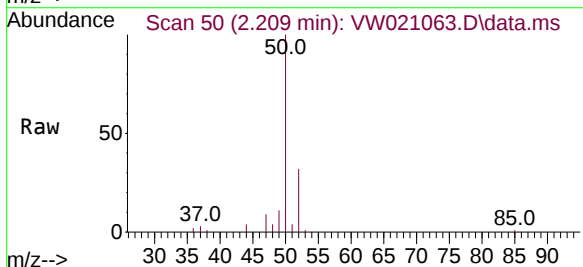
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 ClientSampleId :

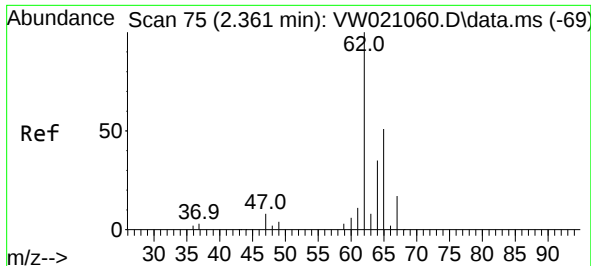
Tgt Ion: 85 Resp: 15583
 Ion Ratio Lower Upper
 85 100
 87 28.2 25.8 38.6



#3
 Chloromethane
 Concen: 24.030 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

Tgt Ion: 50 Resp: 29273
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.4 43.6

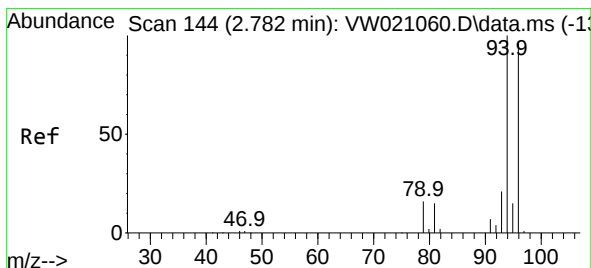
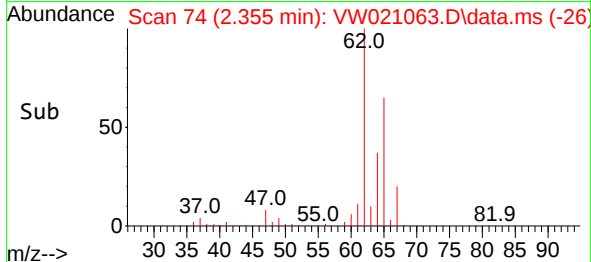
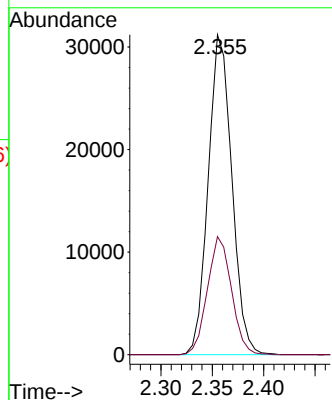
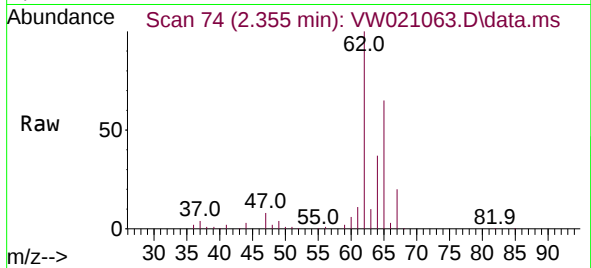




#5
 Vinyl chloride
 Concen: 23.578 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

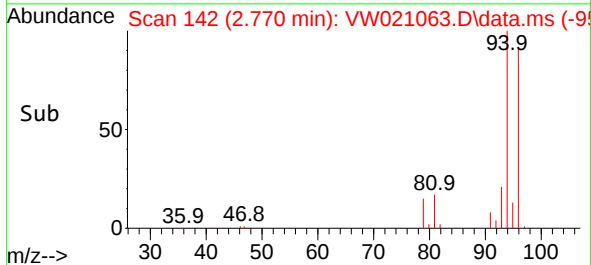
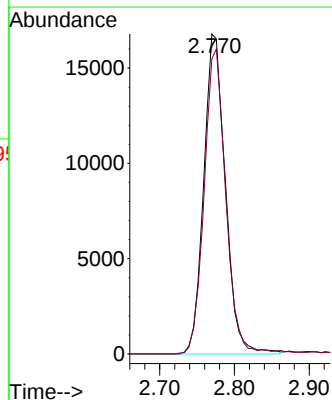
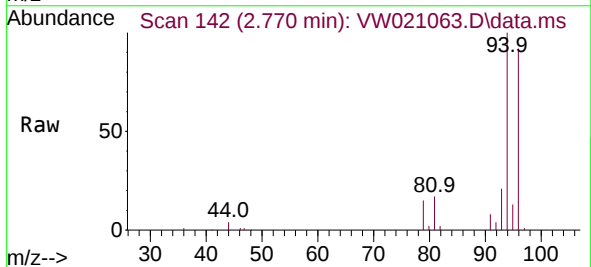
Instrument :
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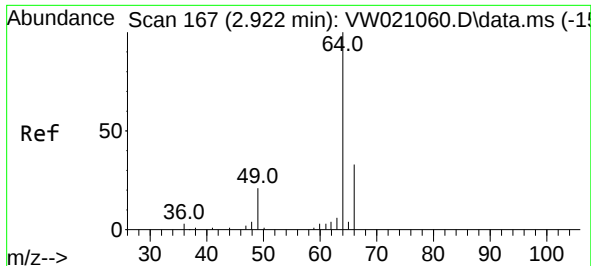
Tgt Ion: 62 Resp: 49898
 Ion Ratio Lower Upper
 62 100
 64 36.9 24.4 45.2



#6
 Bromomethane
 Concen: 24.012 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

Tgt Ion: 94 Resp: 33788
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.8 120.4

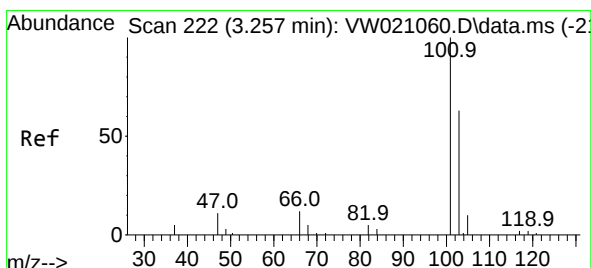
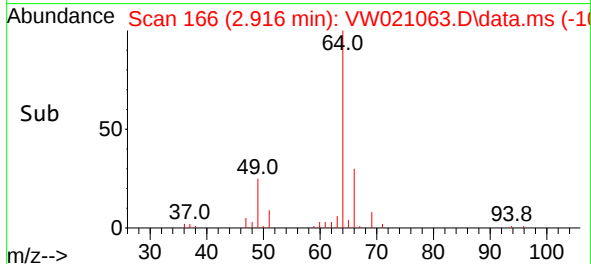
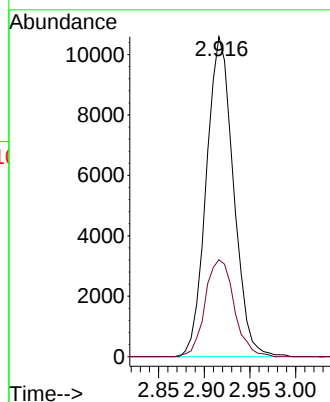
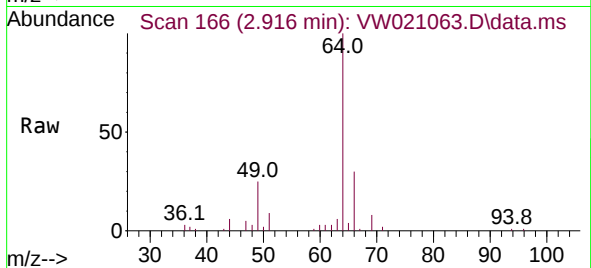




#8
Chloroethane
Concen: 24.766 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

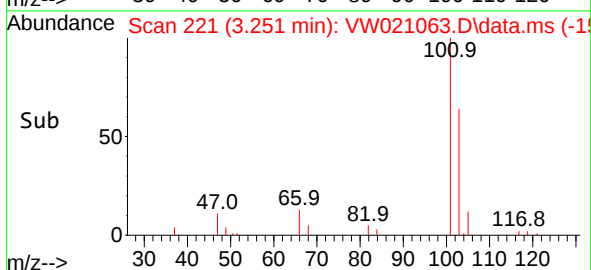
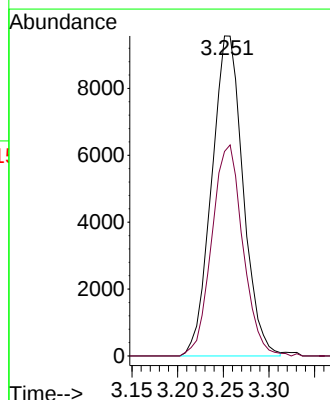
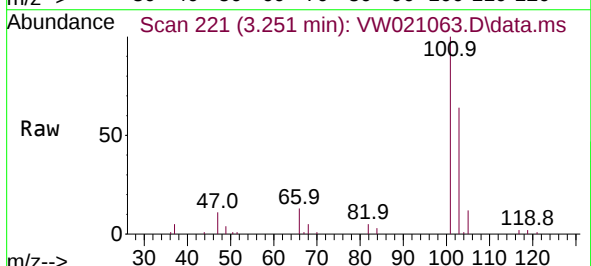
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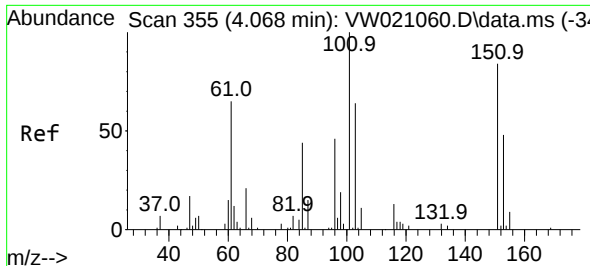
Tgt Ion: 64 Resp: 21843
Ion Ratio Lower Upper
64 100
66 30.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.386 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion:101 Resp: 22875
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

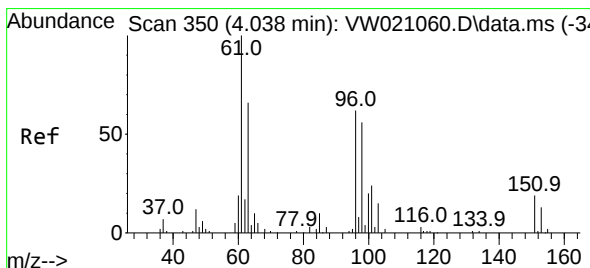
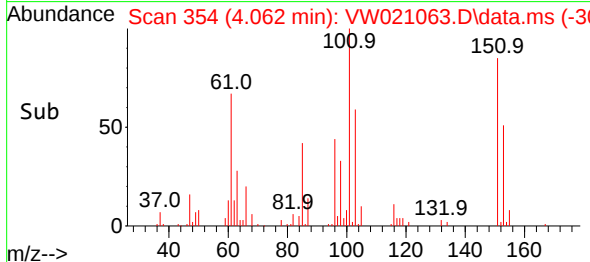
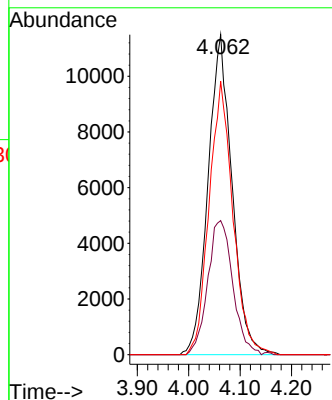
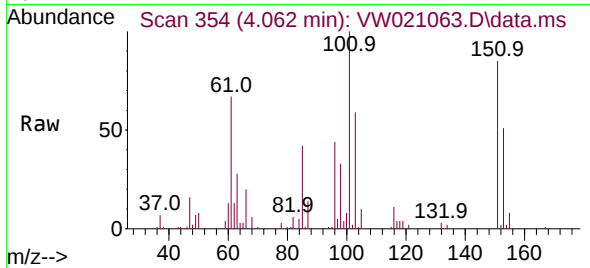




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.290 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

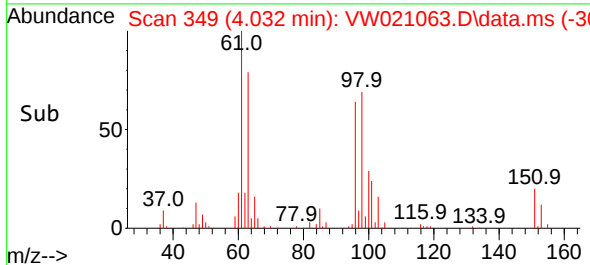
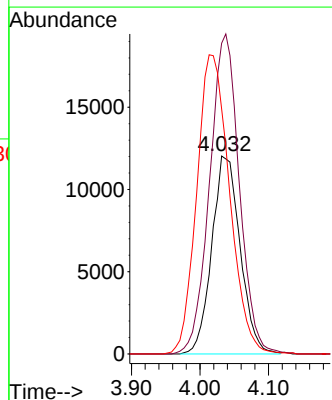
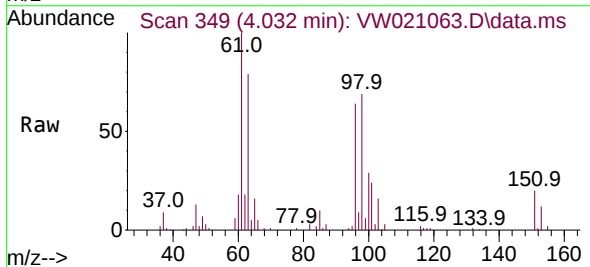
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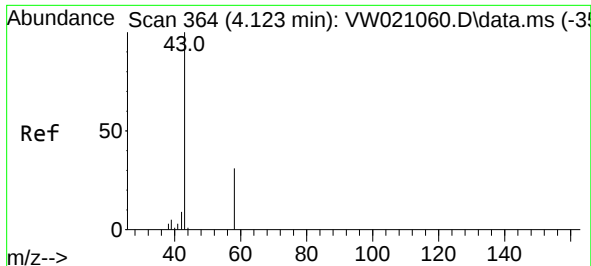
Tgt Ion:101 Resp: 37252
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.6 54.8
 151 84.6 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.891 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

Tgt Ion: 96 Resp: 34547
 Ion Ratio Lower Upper
 96 100
 61 157.0 138.3 256.9
 63 123.8 82.6 153.4





#13

Acetone

Concen: 42.100 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

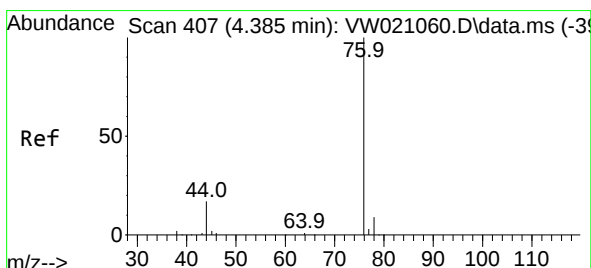
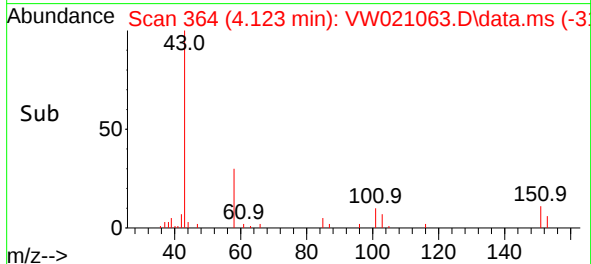
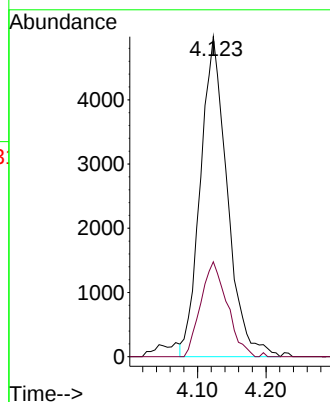
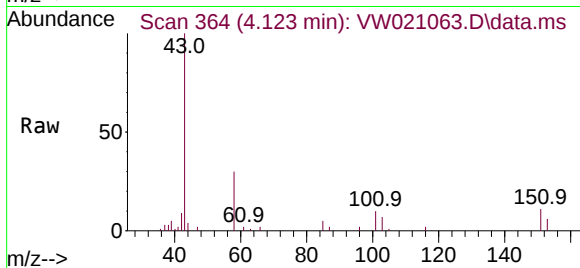
ClientSampleId :

Tgt Ion: 43 Resp: 13577

Ion Ratio Lower Upper

43 100

58 29.2 0.0 52.8



#14

Carbon disulfide

Concen: 24.650 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021063.D

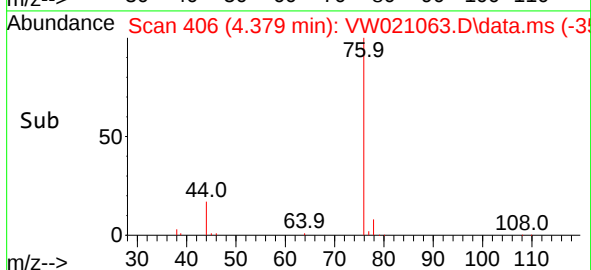
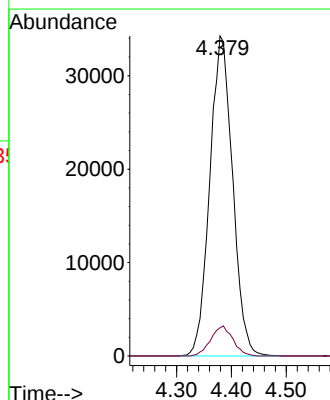
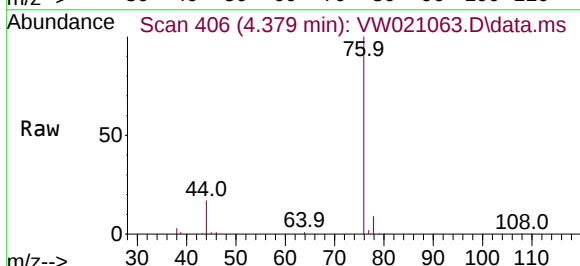
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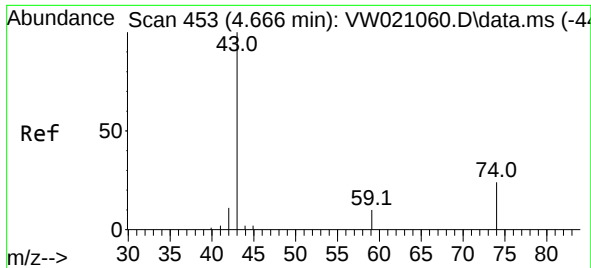
Tgt Ion: 76 Resp: 98939

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

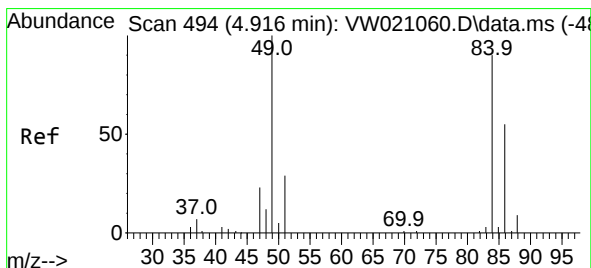
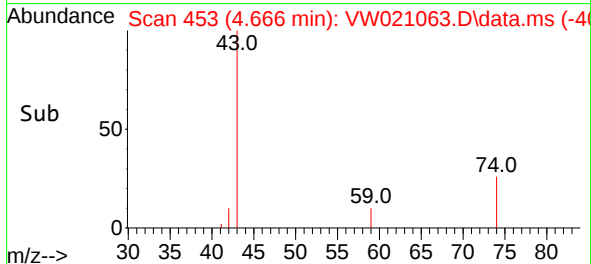
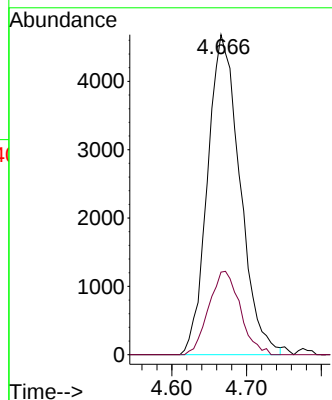
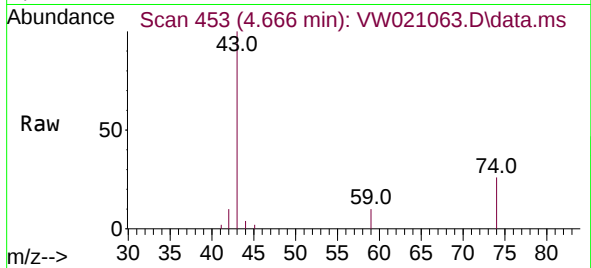




#15
Methyl Acetate
Concen: 24.154 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

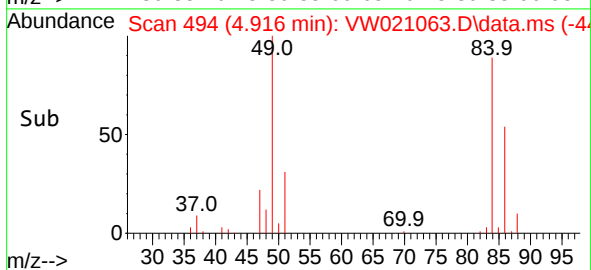
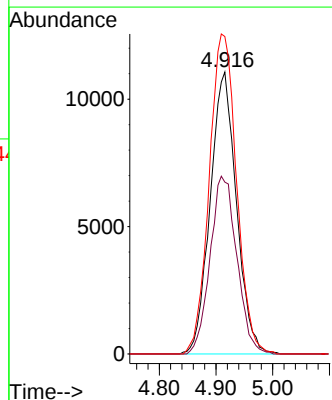
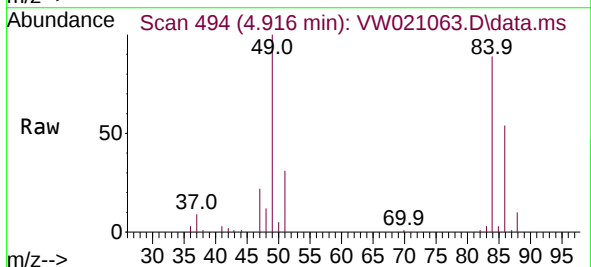
Instrument :
MSVOA_W
ClientSampleId :

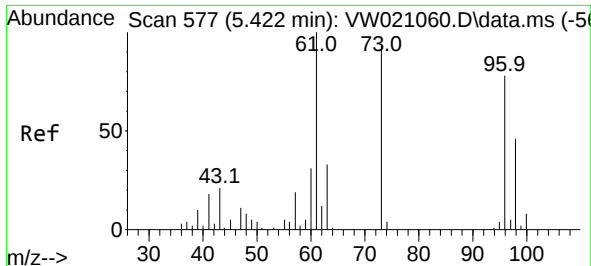
Tgt Ion: 43 Resp: 14124
Ion Ratio Lower Upper
43 100
74 25.3 16.4 24.6#



#16
Methylene chloride
Concen: 20.263 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion: 84 Resp: 35565
Ion Ratio Lower Upper
84 100
86 61.0 45.5 84.5
49 112.6 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 24.715 ug/L

RT: 5.422 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

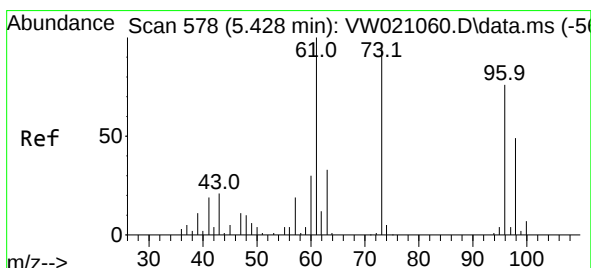
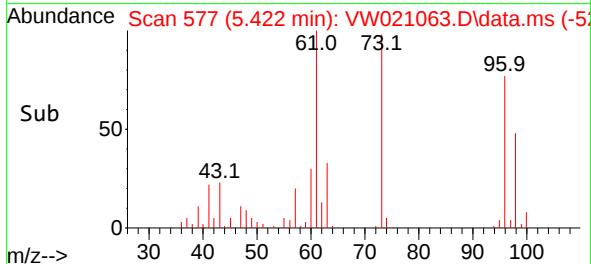
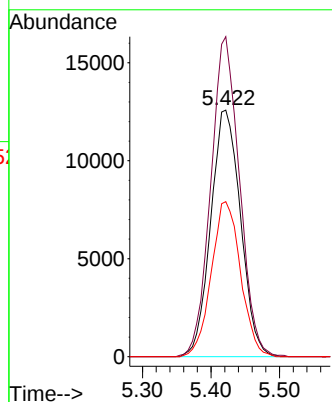
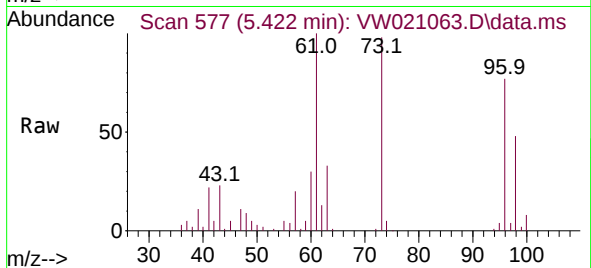
Tgt Ion: 96 Resp: 38052

Ion Ratio Lower Upper

96 100

61 129.8 107.4 199.4

98 62.9 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 24.063 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

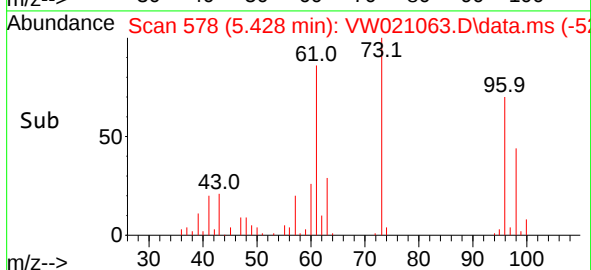
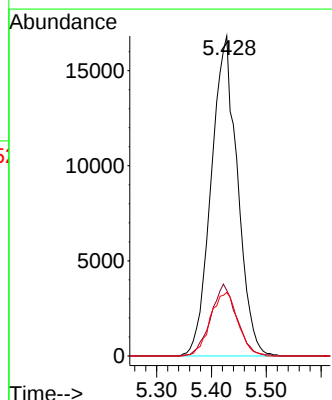
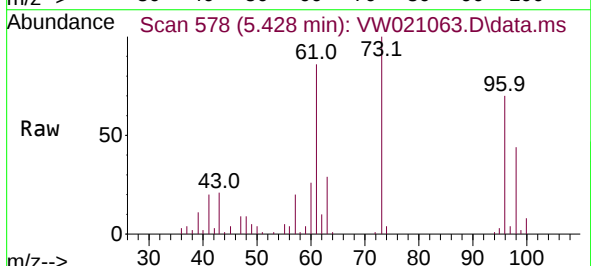
Tgt Ion: 73 Resp: 55918

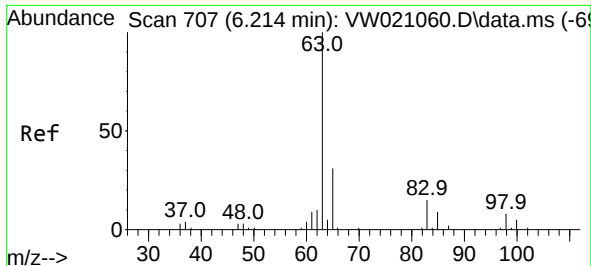
Ion Ratio Lower Upper

73 100

43 21.6 19.5 29.3

57 20.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.144 ug/L

RT: 6.208 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW021063.D

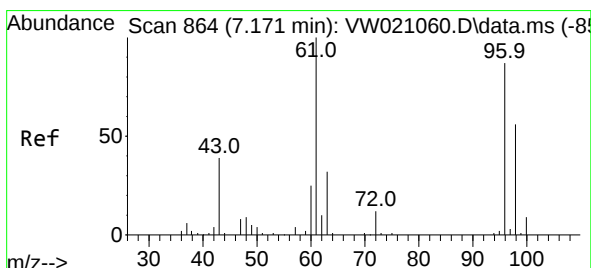
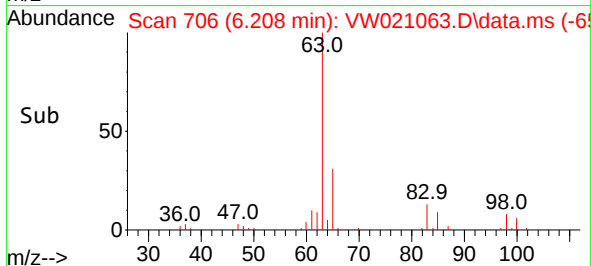
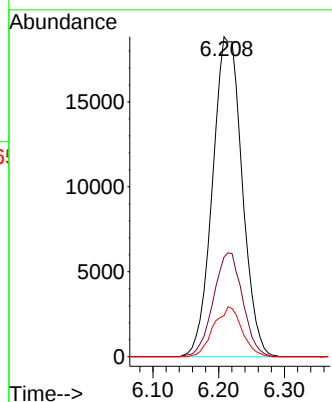
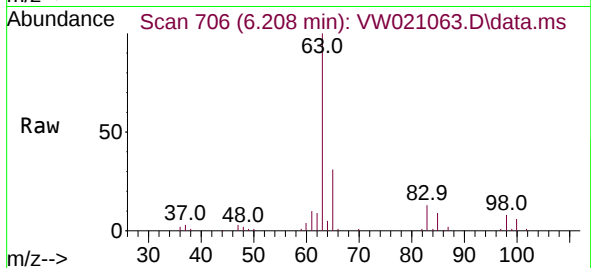
Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 58945
Ion Ratio	Lower Upper
63	100
65	31.1 22.1 41.1
83	12.8 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.083 ug/L

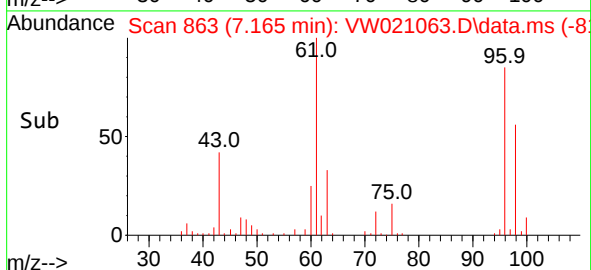
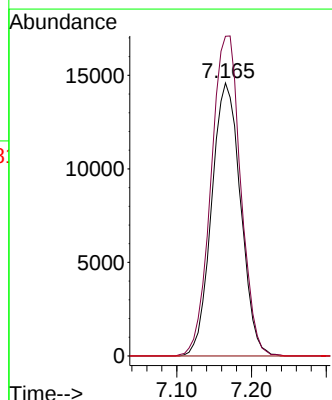
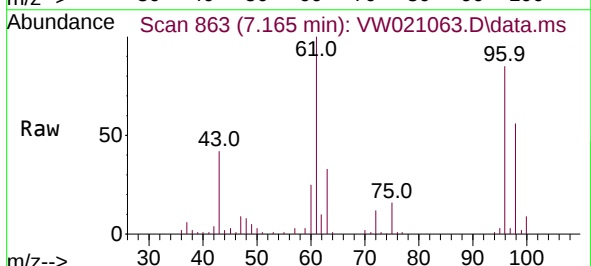
RT: 7.165 min Scan# 863

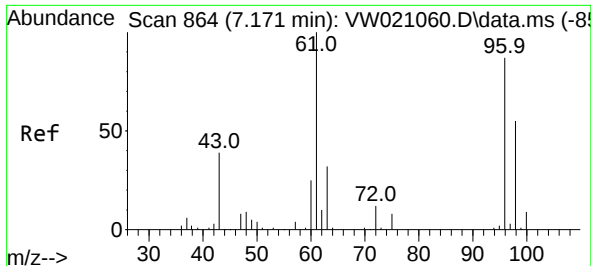
Delta R.T. -0.006 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Tgt Ion: 96	Resp: 39338
Ion Ratio	Lower Upper
96	100
61	117.1 103.7 192.7
68	0.0 0.0 0.0

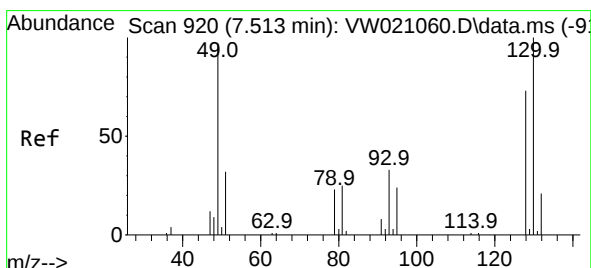
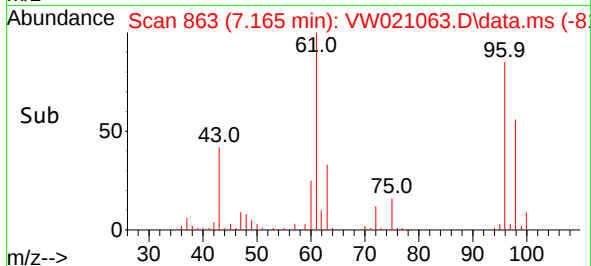
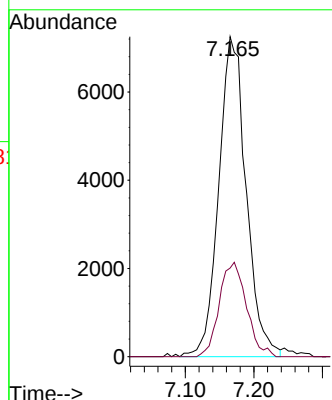
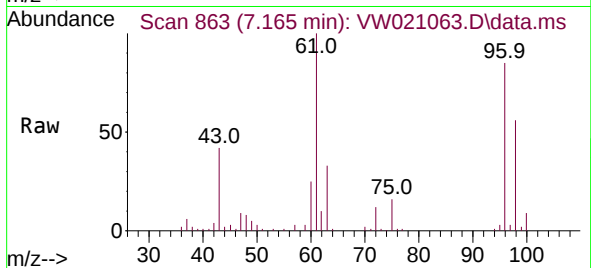




#22
2-Butanone
Concen: 45.098 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

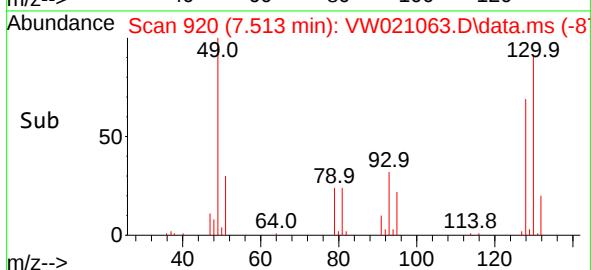
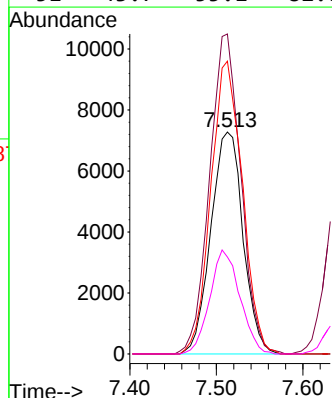
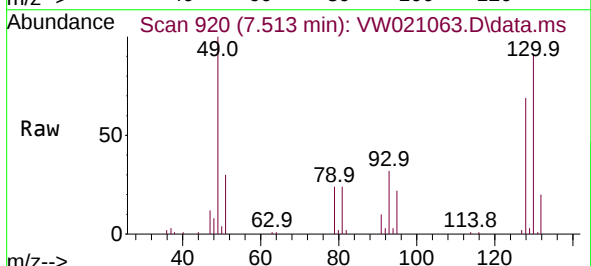
Instrument :
MSVOA_W
ClientSampleId :

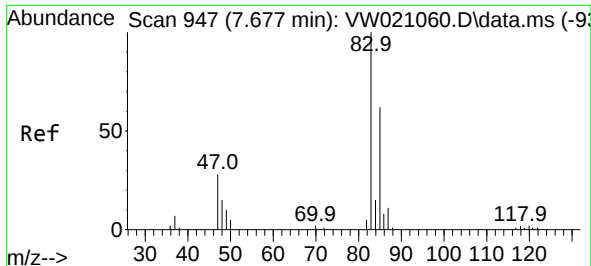
Tgt Ion: 43 Resp: 20127
Ion Ratio Lower Upper
43 100
72 28.7 11.8 35.4



#23
Bromochloromethane
Concen: 24.578 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion: 128 Resp: 18784
Ion Ratio Lower Upper
128 100
49 144.2 150.3 279.1#
130 131.9 88.3 163.9
51 43.7 55.1 82.7#

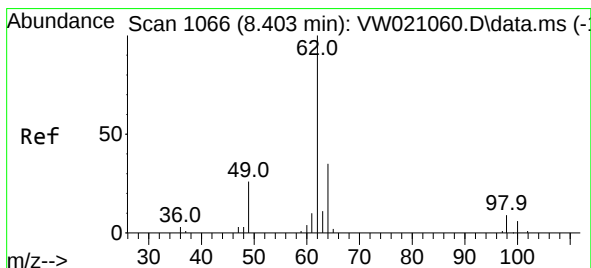
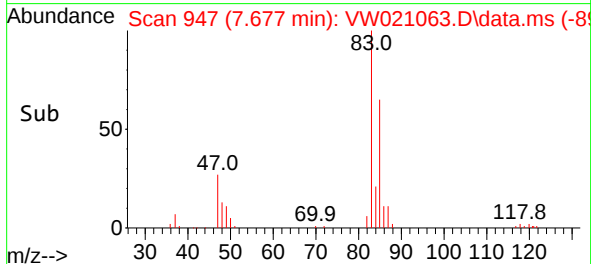
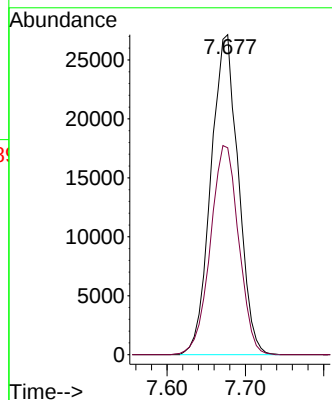
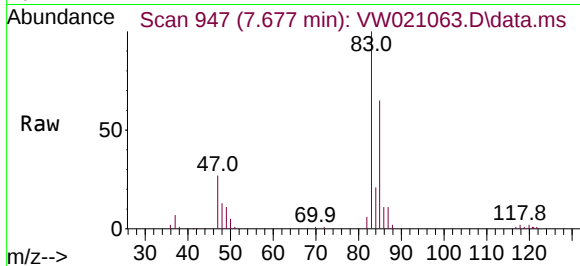




#25
Chloroform
Concen: 24.073 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

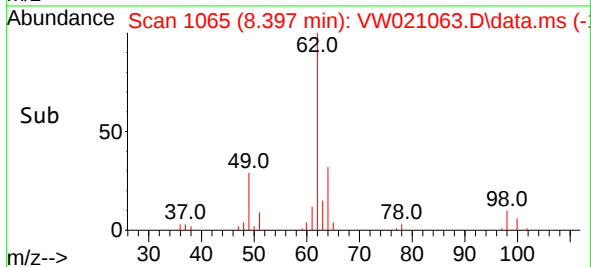
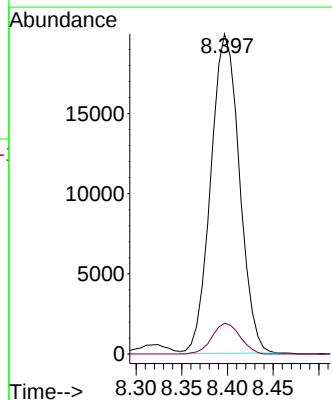
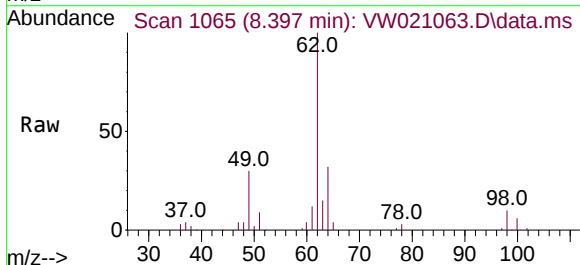
Instrument :
MSVOA_W
ClientSampleId :

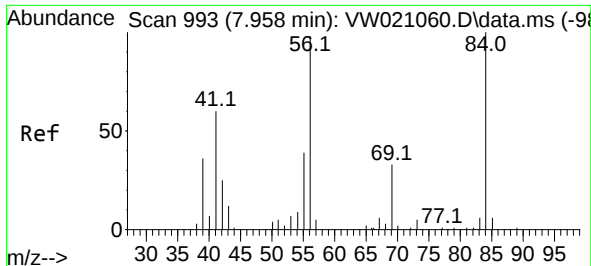
Tgt Ion: 83 Resp: 65973
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.233 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion: 62 Resp: 43442
Ion Ratio Lower Upper
62 100
98 9.6 6.5 9.7





#29

Cyclohexane

Concen: 23.575 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW021063.D

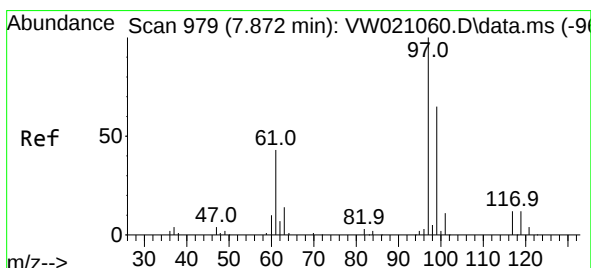
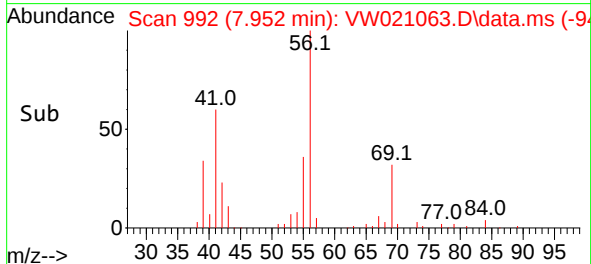
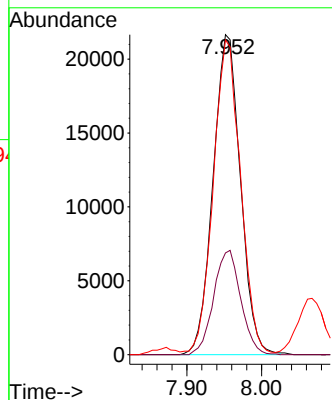
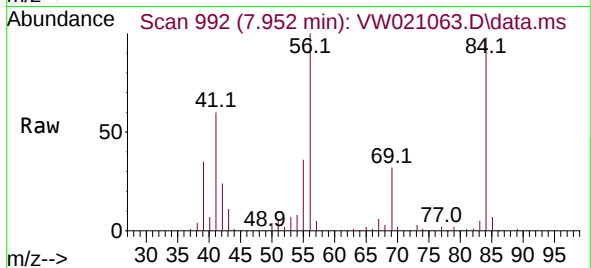
Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	55043
Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.5	35.3
84	98.3	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 23.432 ug/L

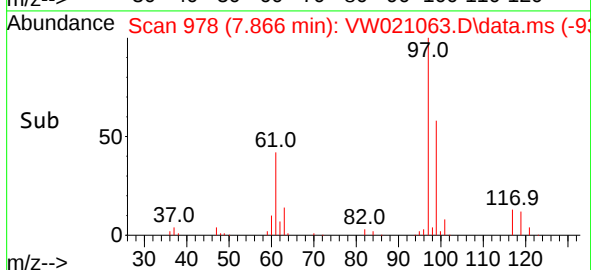
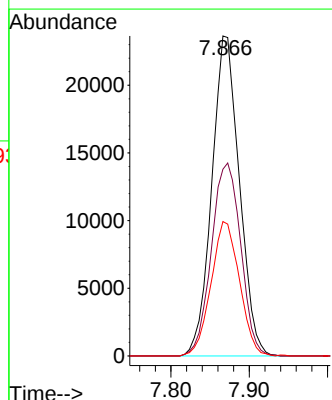
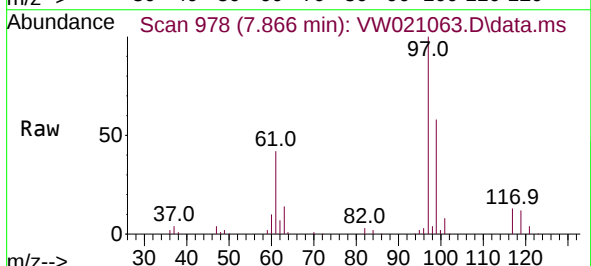
RT: 7.866 min Scan# 978

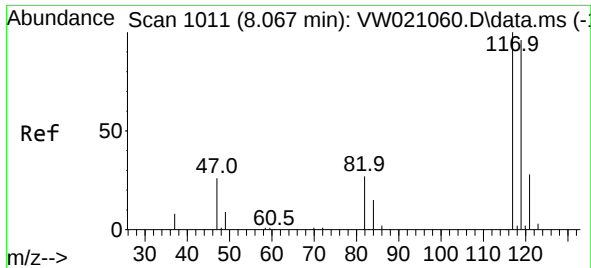
Delta R.T. -0.006 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Tgt Ion:	97	Resp:	57822
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	43.3	40.9	61.3

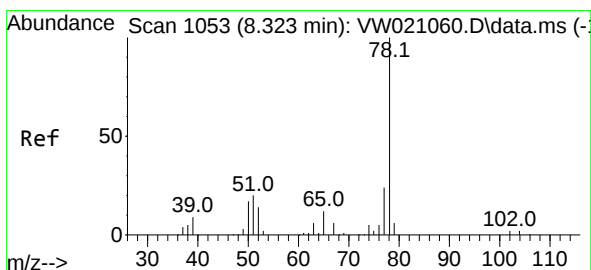
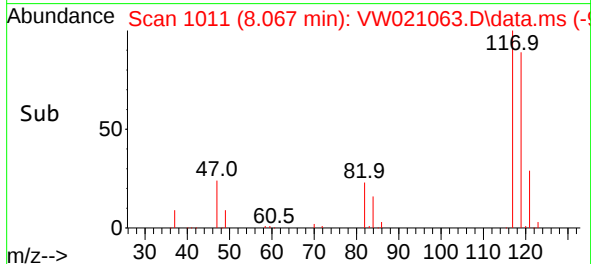
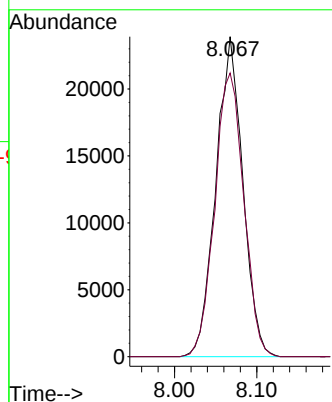
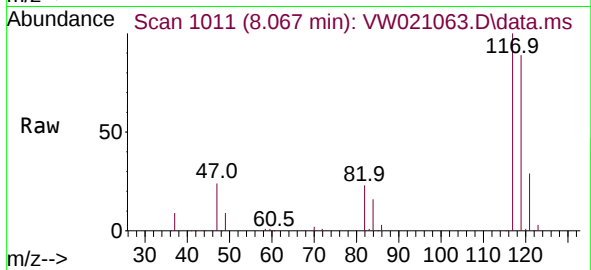




#31
Carbon tetrachloride
Concen: 23.751 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

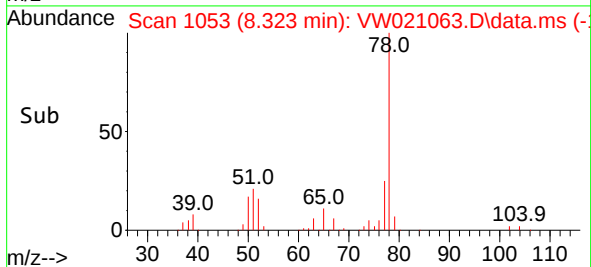
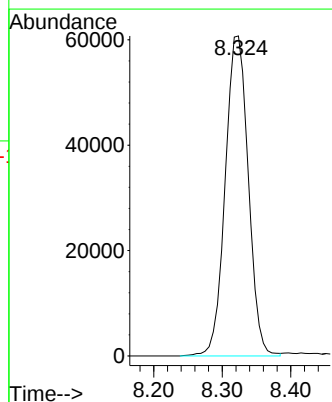
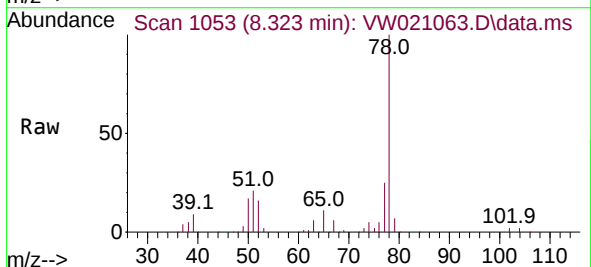
Instrument :
MSVOA_W
ClientSampleId :

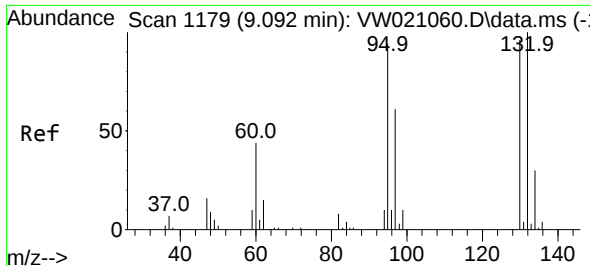
Tgt Ion:117 Resp: 54461
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 23.622 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion: 78 Resp: 142166

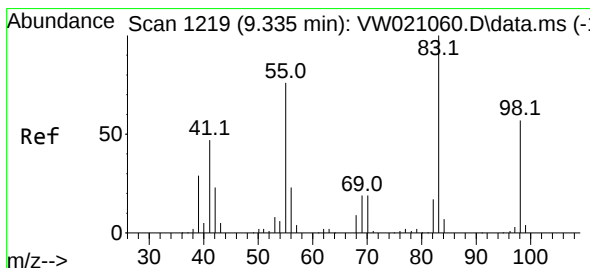
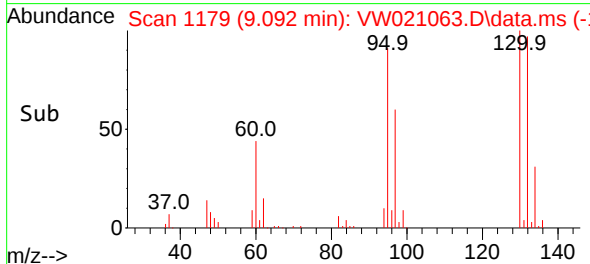
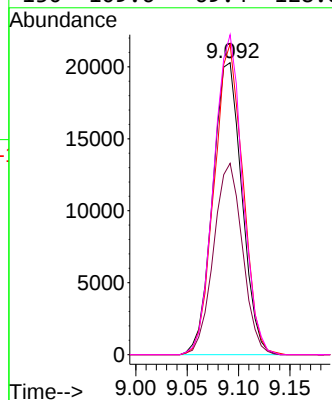
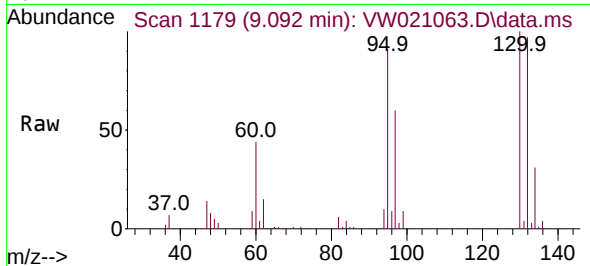




#34
Trichloroethene
Concen: 24.150 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

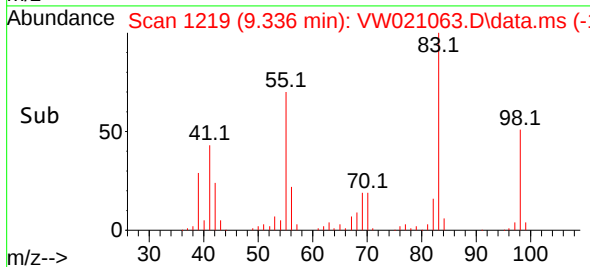
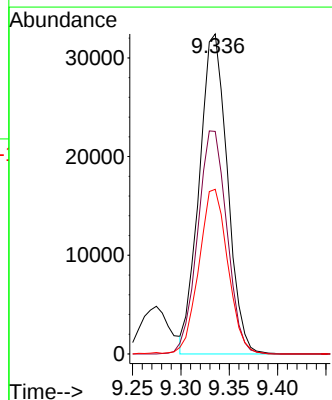
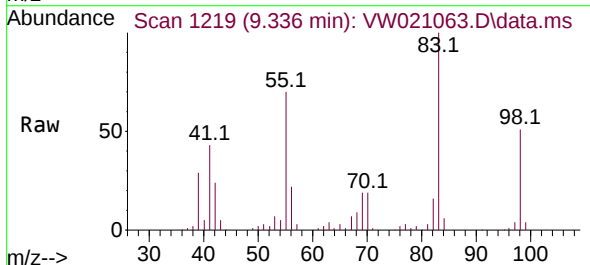
Instrument :
MSVOA_W
ClientSampleId :

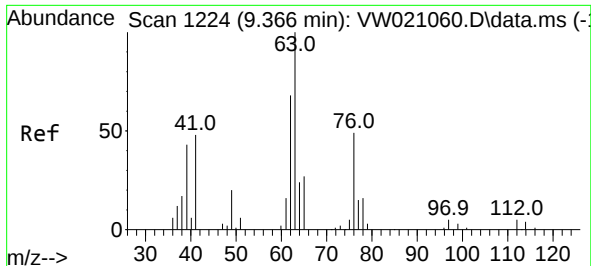
Tgt Ion:	95	Resp:	40098
Ion	Ratio	Lower	Upper
95	100		
97	65.5	47.0	87.2
132	106.4	65.5	121.6
130	109.6	69.4	128.8



#35
Methylcyclohexane
Concen: 23.531 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion:	83	Resp:	65766
Ion	Ratio	Lower	Upper
83	100		
55	72.2	70.8	106.2
98	52.9	37.7	56.5





#37

1,2-Dichloropropane

Concen: 23.783 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

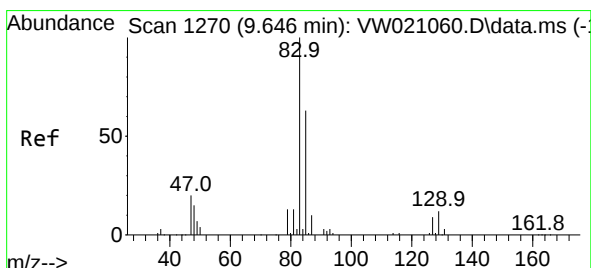
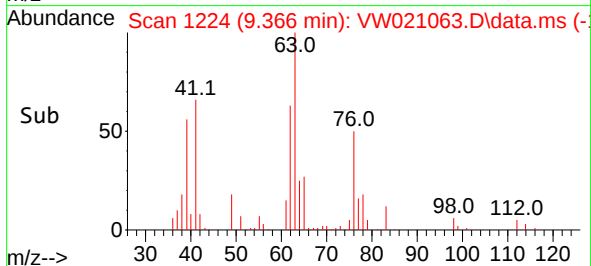
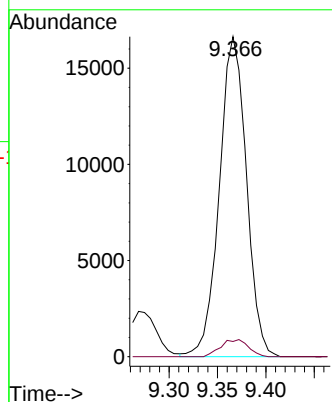
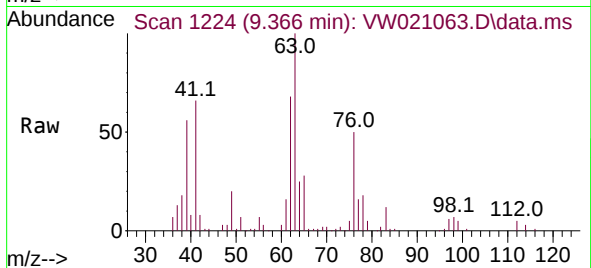
ClientSampleId :

Tgt Ion: 63 Resp: 32352

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.917 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

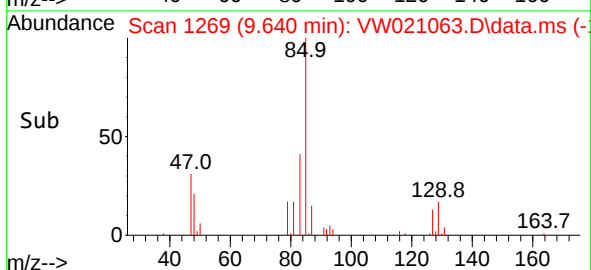
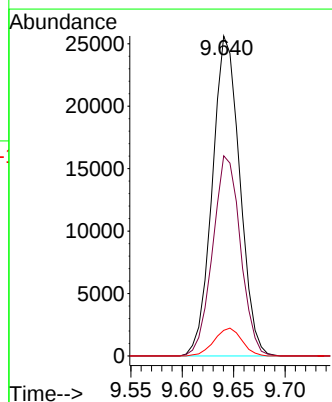
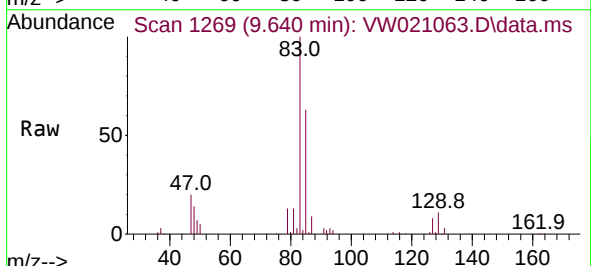
Tgt Ion: 83 Resp: 47647

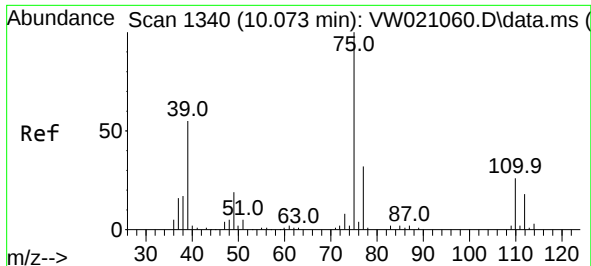
Ion Ratio Lower Upper

83 100

85 62.6 44.1 81.9

127 8.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 24.763 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

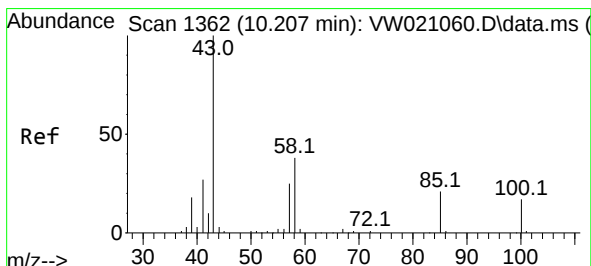
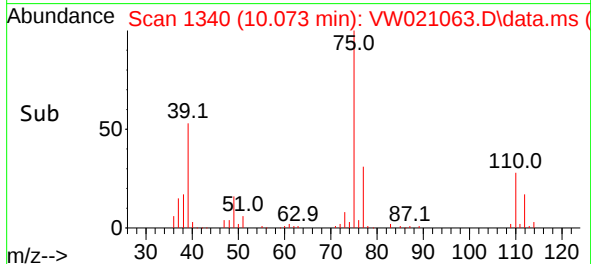
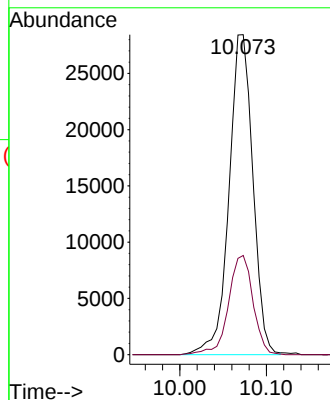
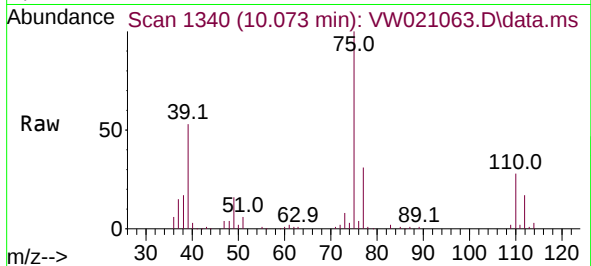
ClientSampleId :

Tgt Ion: 75 Resp: 54485

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.907 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

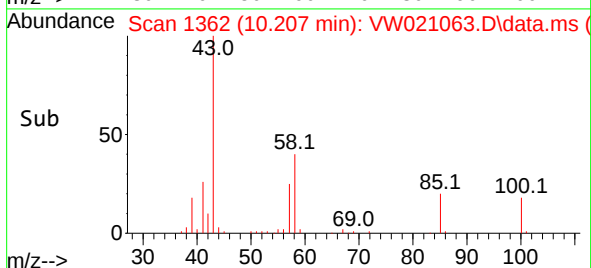
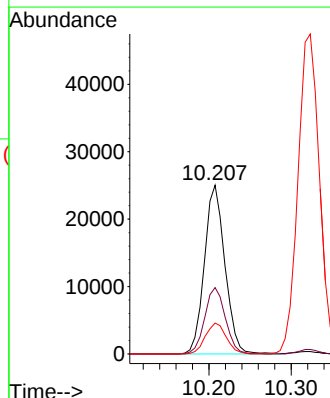
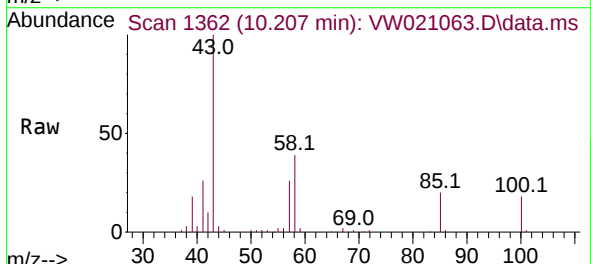
Tgt Ion: 43 Resp: 43468

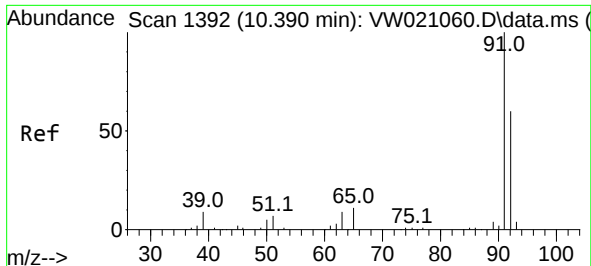
Ion Ratio Lower Upper

43 100

58 39.4 28.8 43.2

100 18.6 10.0 15.0#

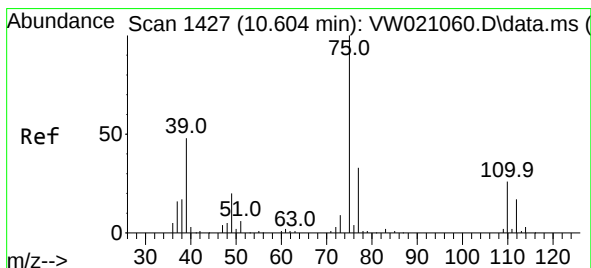
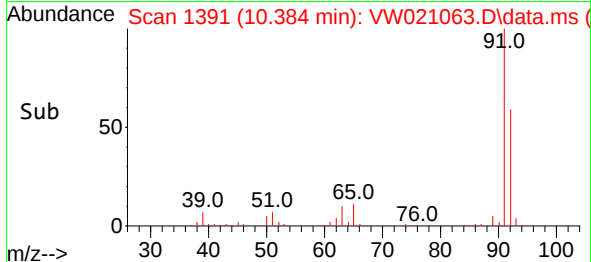
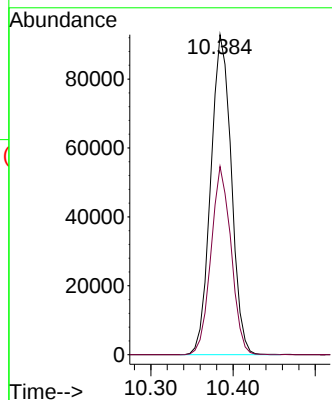
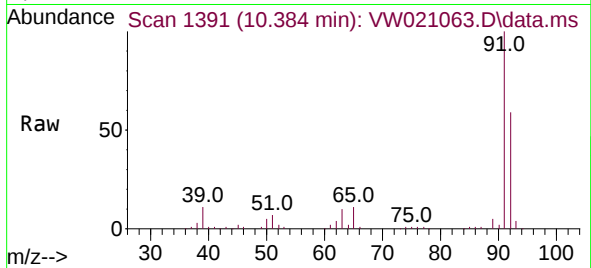




#42
Toluene
Concen: 23.460 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

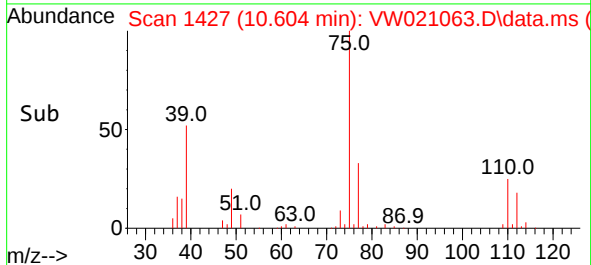
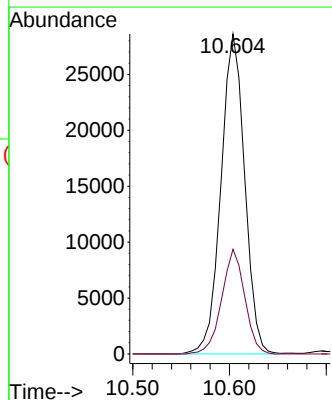
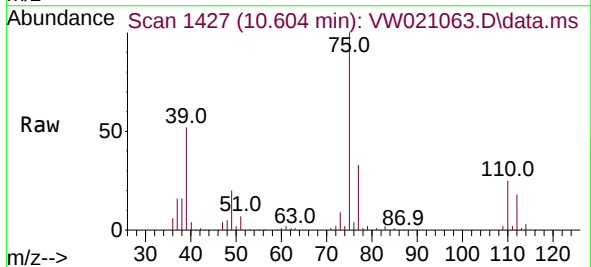
Instrument :
MSVOA_W
ClientSampleId :

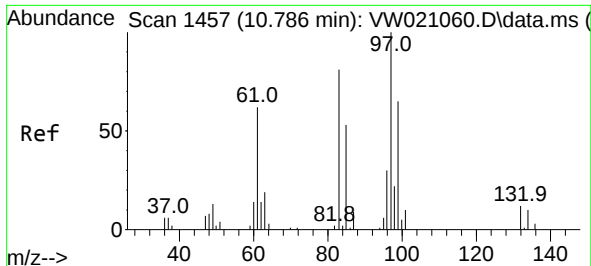
Tgt Ion: 91 Resp: 161272
Ion Ratio Lower Upper
91 100
92 58.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.462 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion: 75 Resp: 48695
Ion Ratio Lower Upper
75 100
77 32.7 22.2 41.2

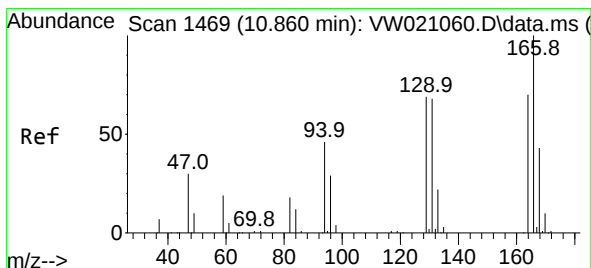
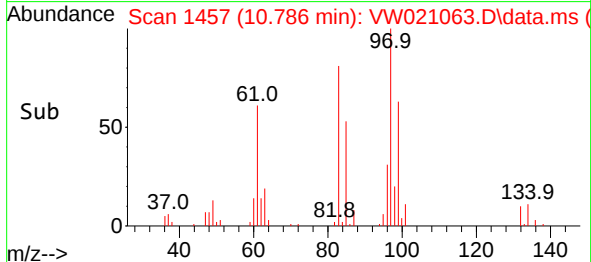
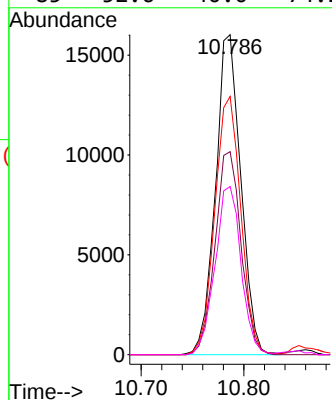
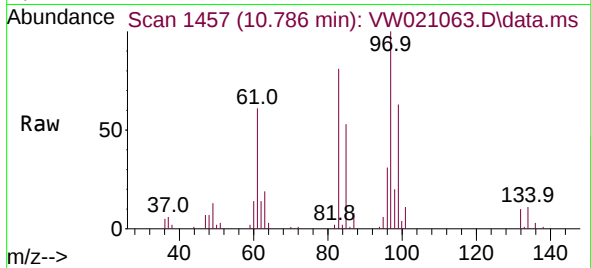




#45
1,1,2-Trichloroethane
Concen: 24.065 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

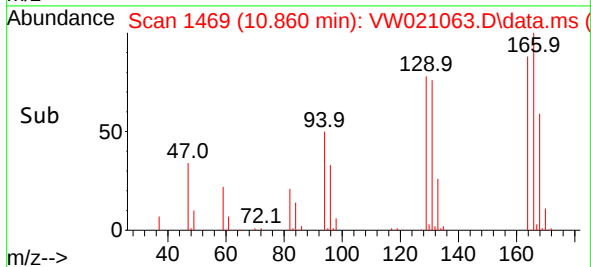
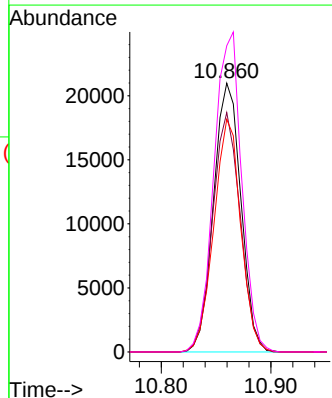
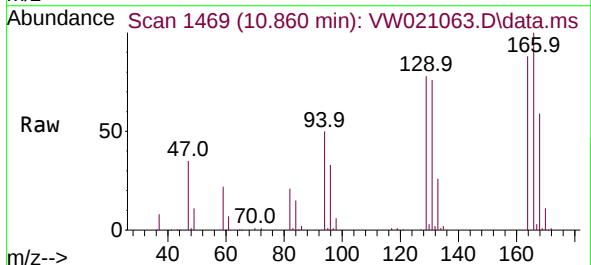
Instrument :
MSVOA_W
ClientSampleId :

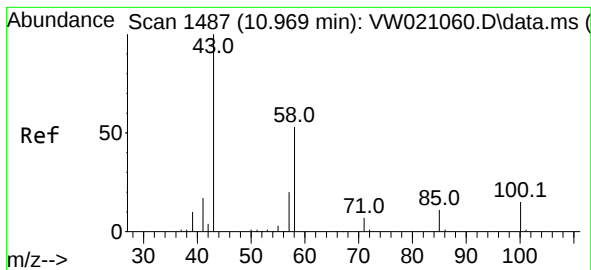
Tgt Ion: 97	Resp: 27445
Ion Ratio	Lower Upper
97 100	
99 63.5	43.0 79.8
83 80.7	62.6 116.3
85 52.6	40.0 74.2



#46
Tetrachloroethene
Concen: 24.005 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt	Ion:164	Resp:	36497
Ion	Ratio	Lower	Upper
164	100		
129	89.0	65.5	121.7
131	86.5	59.7	110.9
166	113.9	88.7	164.7

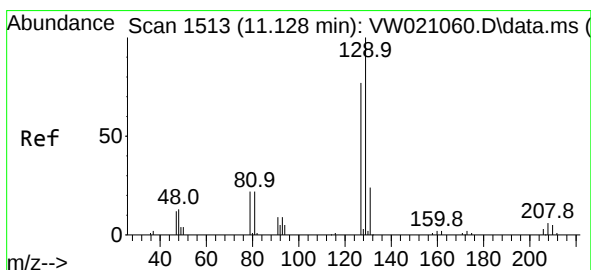
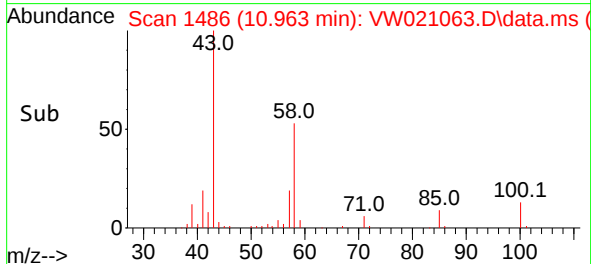
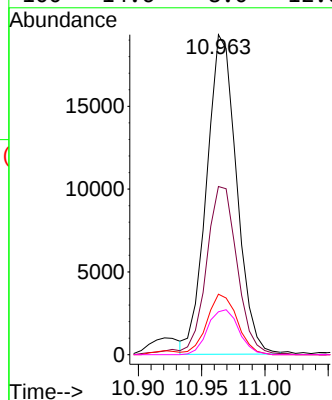
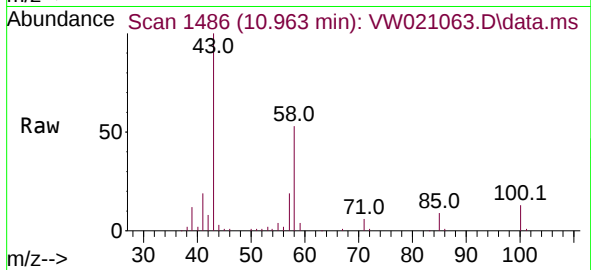




#48
2-Hexanone
Concen: 47.657 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

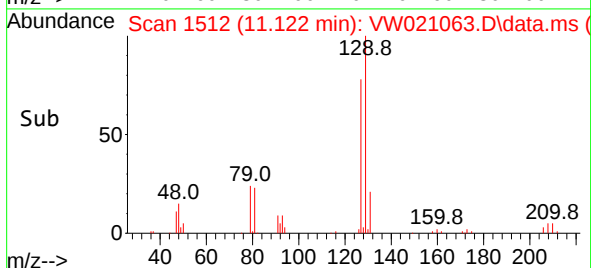
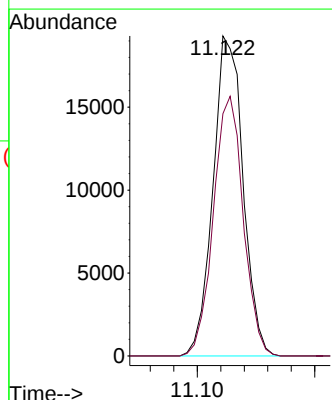
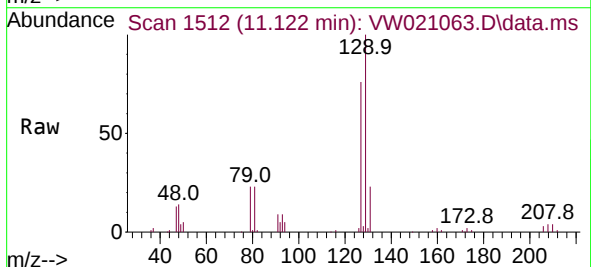
Instrument :
MSVOA_W
ClientSampleId :

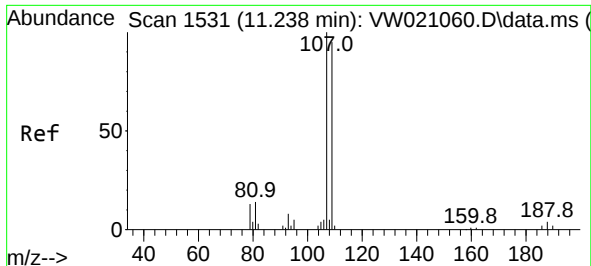
Tgt Ion: 43 Resp: 31858
Ion Ratio Lower Upper
43 100
58 53.5 40.2 60.2
57 19.2 14.3 21.5
100 14.6 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.024 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion: 129 Resp: 34243
Ion Ratio Lower Upper
129 100
127 75.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.629 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min MSVOA_W

Lab File: VW021063.D

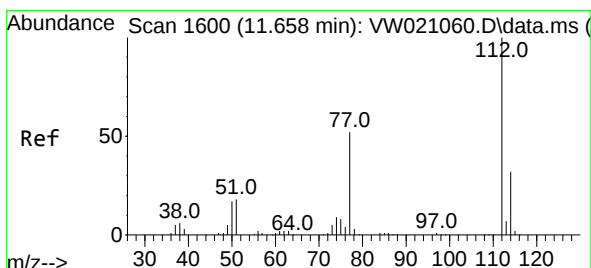
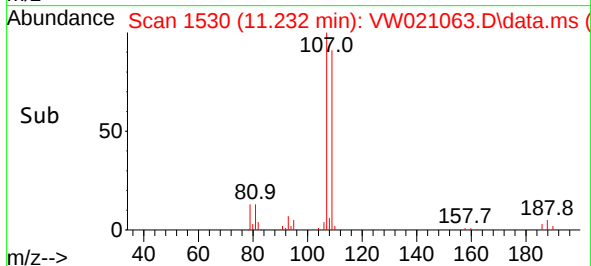
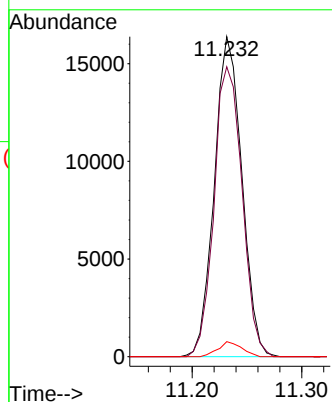
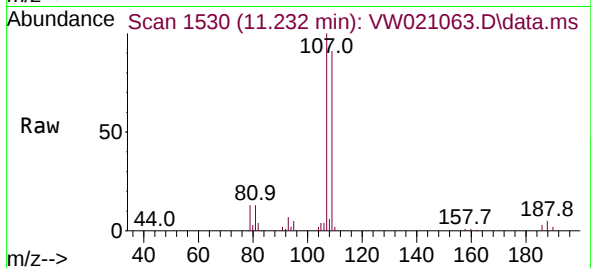
Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	28643
Ion Ratio	Lower	Upper
107	100	
109	90.6	64.1 119.1
188	4.7	2.6 3.8#



#51

Chlorobenzene

Concen: 23.485 ug/L

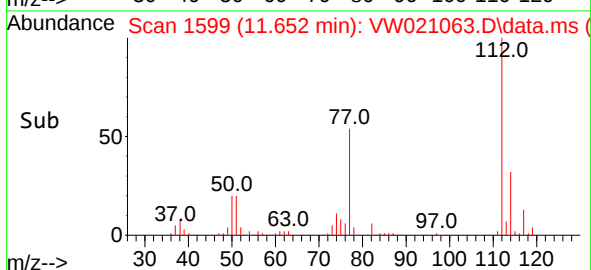
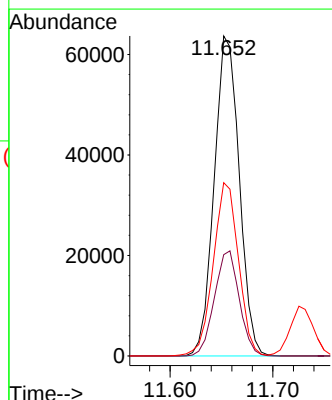
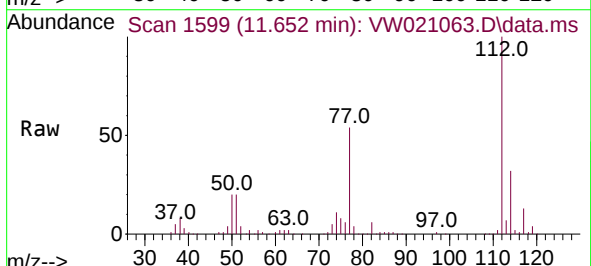
RT: 11.652 min Scan# 1599

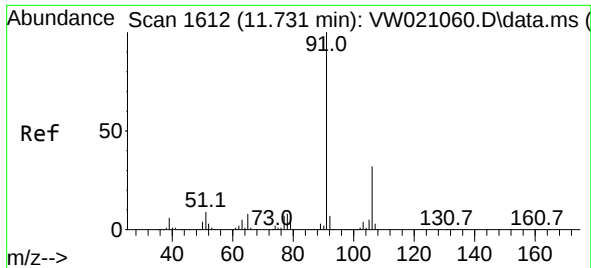
Delta R.T. -0.006 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Tgt Ion:112	Resp:	107873
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.4 41.6
77	54.2	50.2 75.4

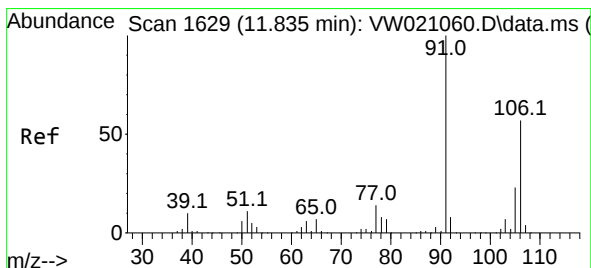
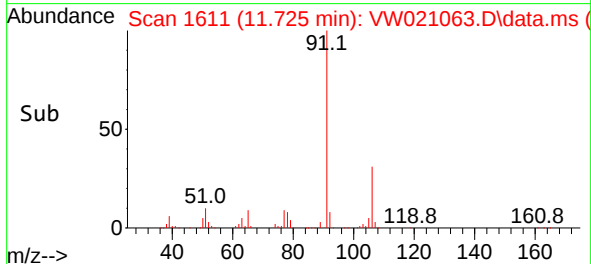
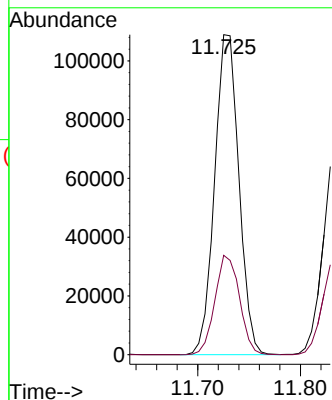
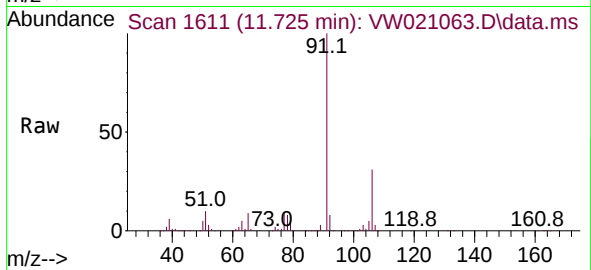




#52
Ethylbenzene
Concen: 23.080 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

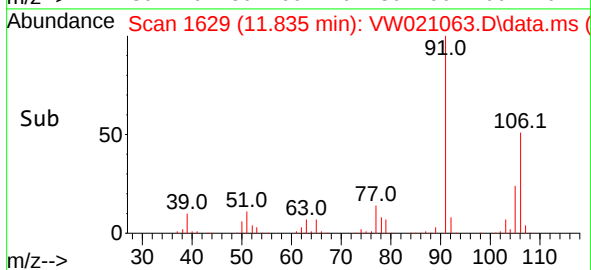
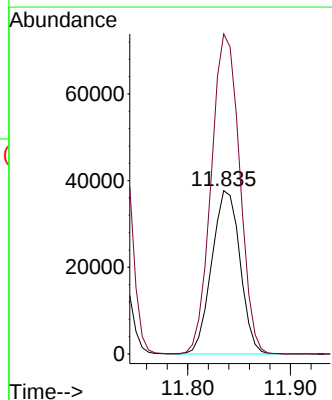
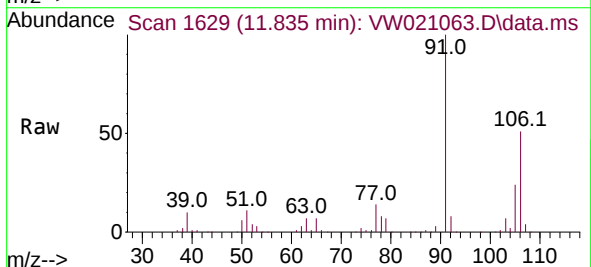
Instrument :
MSVOA_W
ClientSampleId :

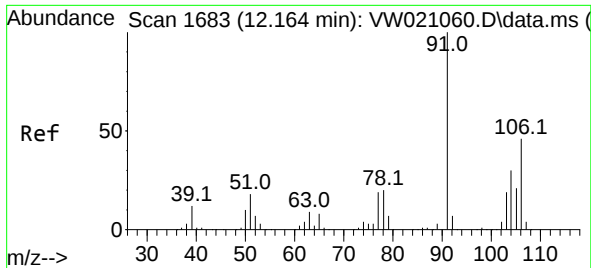
Tgt Ion: 91 Resp: 178611
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 22.464 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion:106 Resp: 71917
Ion Ratio Lower Upper
106 100
91 195.9 149.9 278.3

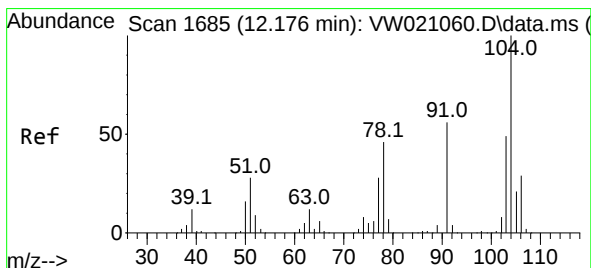
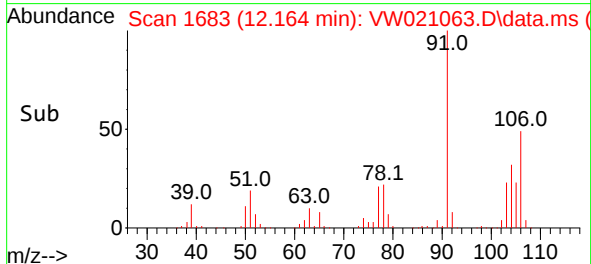
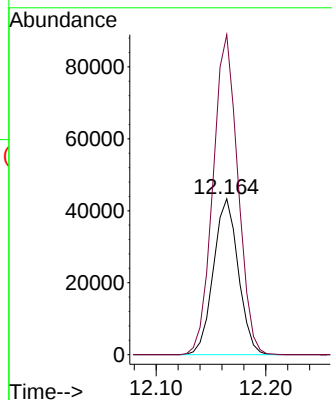
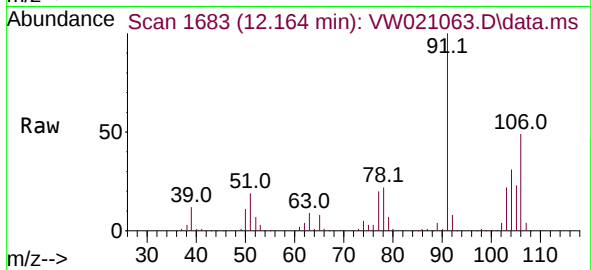




#54
o-Xylene
Concen: 22.606 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

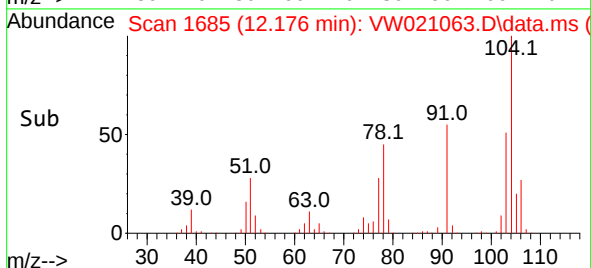
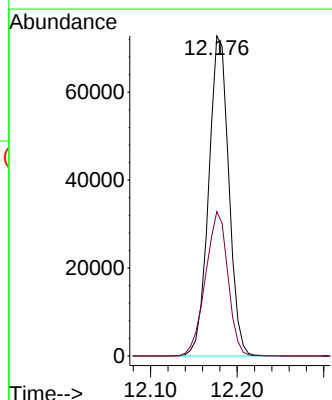
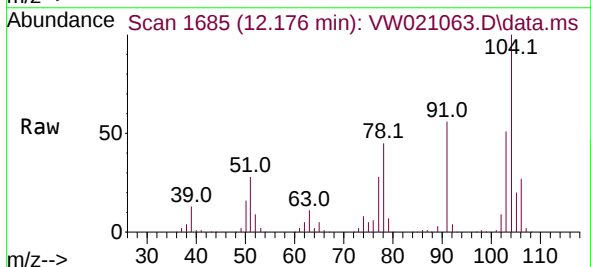
Instrument :
MSVOA_W
ClientSampleId :

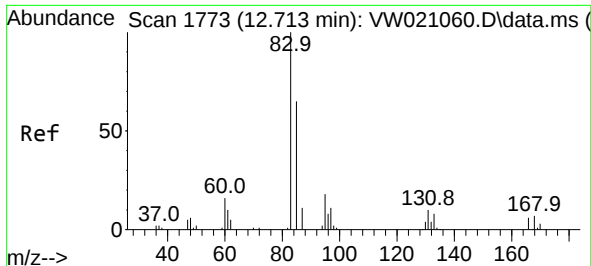
Tgt Ion:106 Resp: 68232
Ion Ratio Lower Upper
106 100
91 205.4 153.6 285.3



#55
Styrene
Concen: 22.873 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion:104 Resp: 117630
Ion Ratio Lower Upper
104 100
78 45.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.955 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021063.D

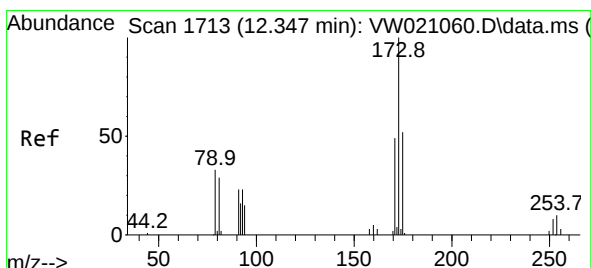
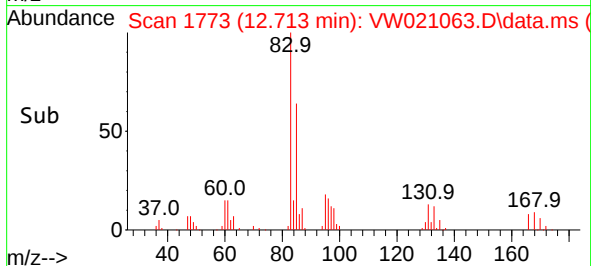
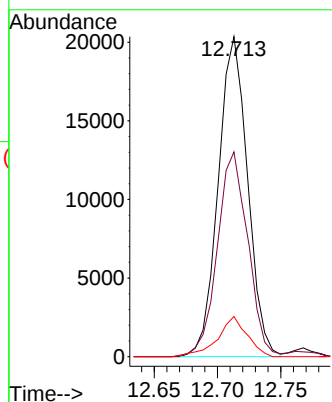
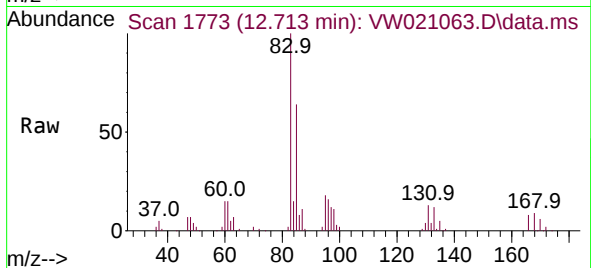
Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	32860
Ion Ratio	Lower	Upper	
83	100		
85	64.0	44.0	81.6
131	12.6	6.9	10.3#



#59

Bromoform

Concen: 24.175 ug/L

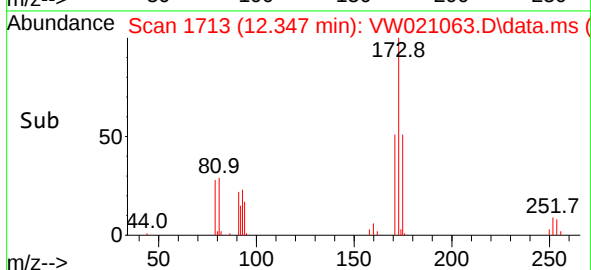
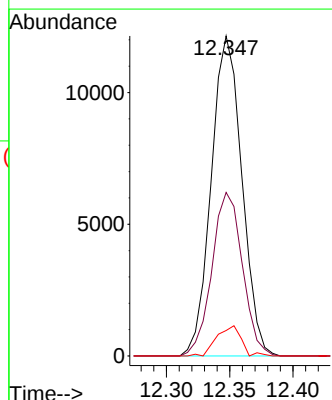
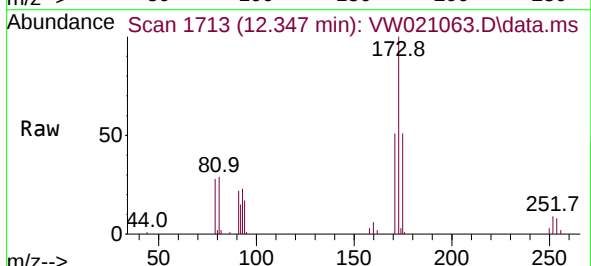
RT: 12.347 min Scan# 1713

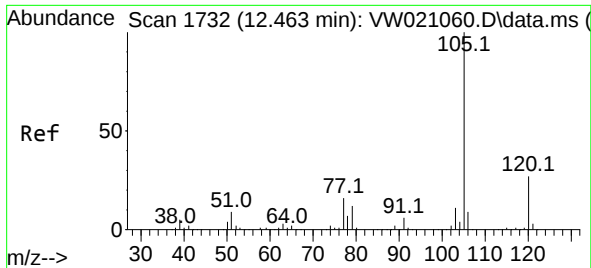
Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Tgt Ion:	173	Resp:	20480
Ion Ratio	Lower	Upper	
173	100		
175	50.8	39.6	59.4
254	7.1	7.4	11.0#

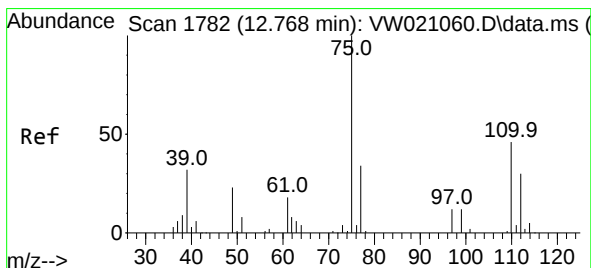
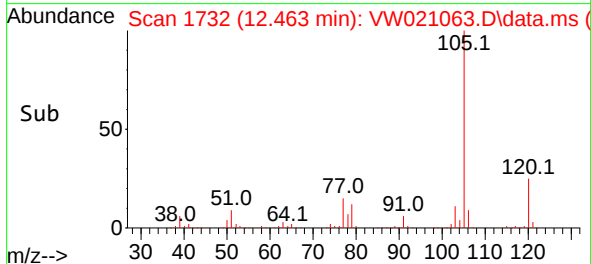
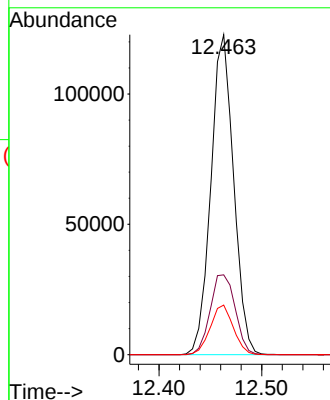
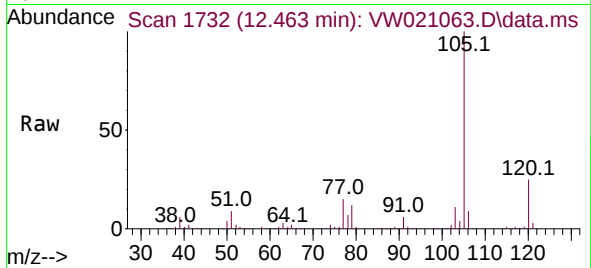




#60
Isopropylbenzene
Concen: 22.854 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

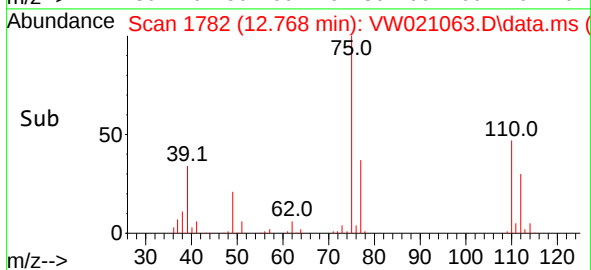
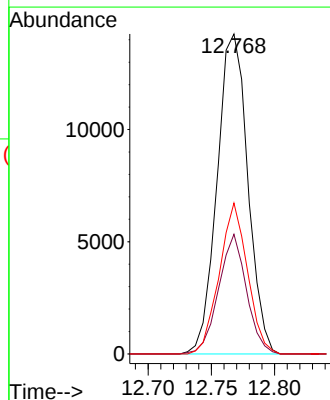
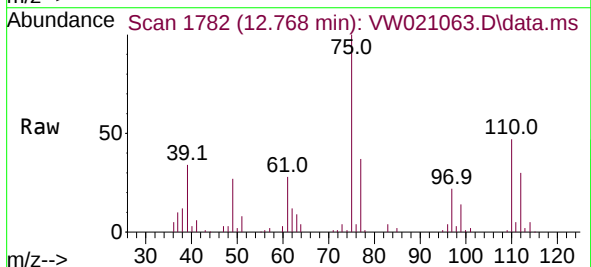
Instrument :
MSVOA_W
ClientSampleId :

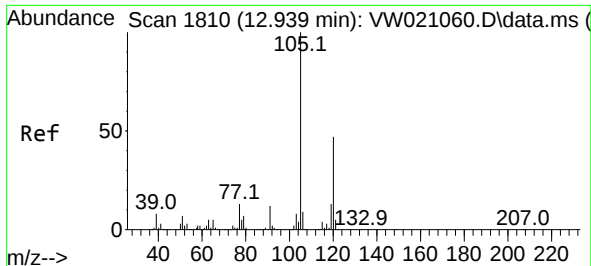
Tgt Ion:105 Resp: 188684
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.188 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021063.D
Acq: 03 Dec 2021 14:17

Tgt Ion: 75 Resp: 24070
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8
110 43.3 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 23.184 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

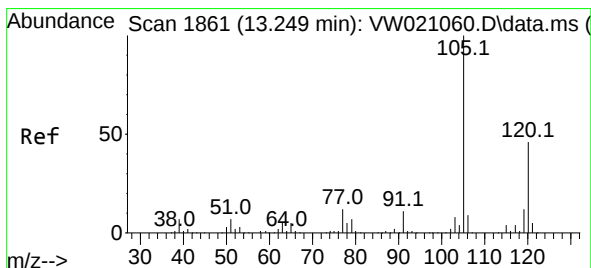
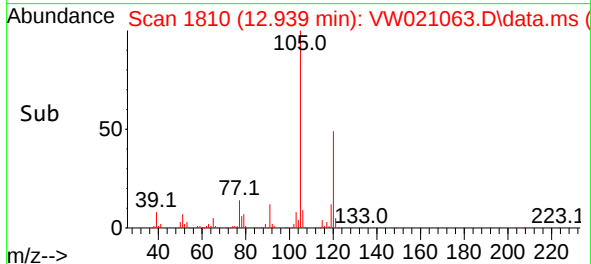
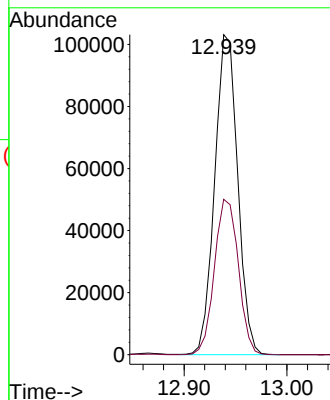
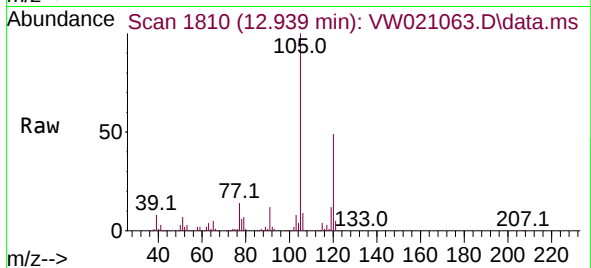
ClientSampleId :

Tgt Ion:105 Resp: 160292

Ion Ratio Lower Upper

105 100

120 50.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.917 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021063.D

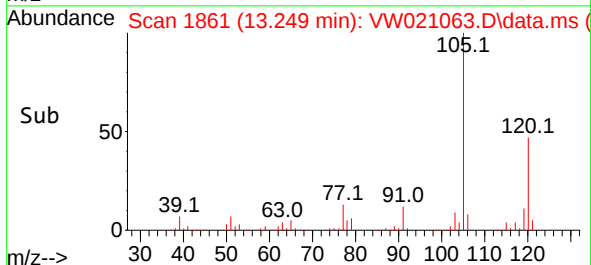
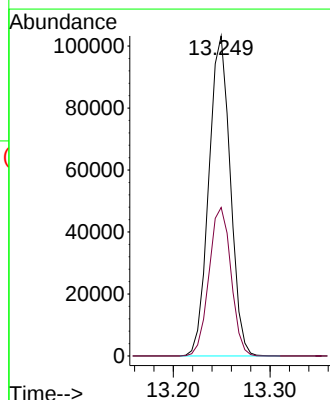
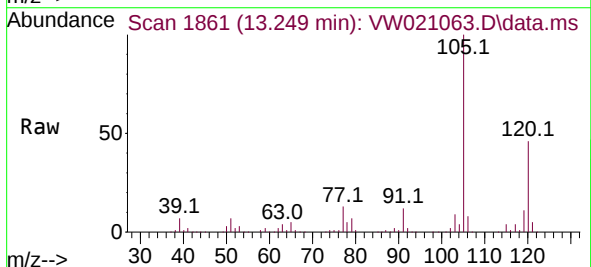
Acq: 03 Dec 2021 14:17

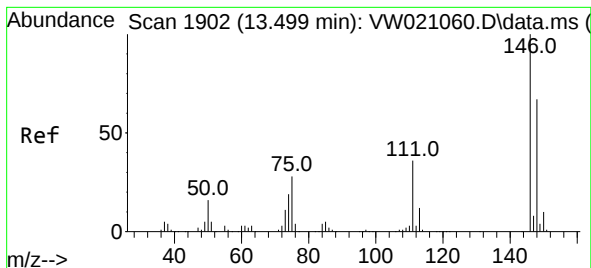
Tgt Ion:105 Resp: 159359

Ion Ratio Lower Upper

105 100

120 47.5 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 23.255 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

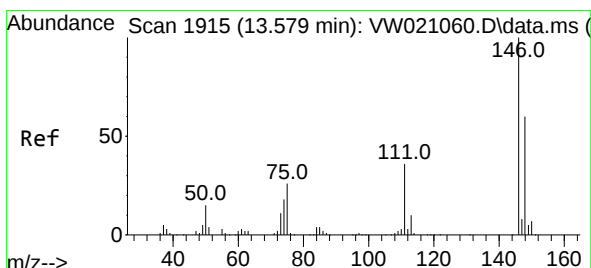
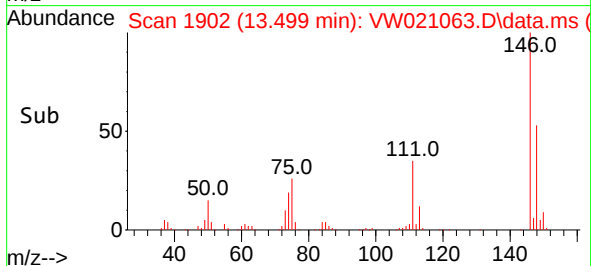
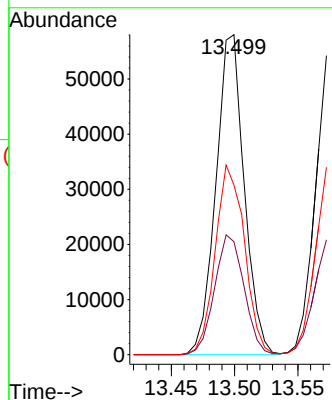
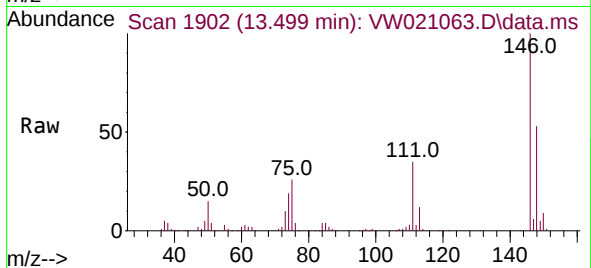
Tgt Ion:146 Resp: 90402

Ion Ratio Lower Upper

146 100

111 35.3 29.8 55.3

148 53.0 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 22.952 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

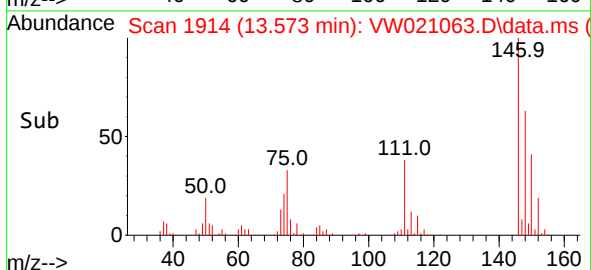
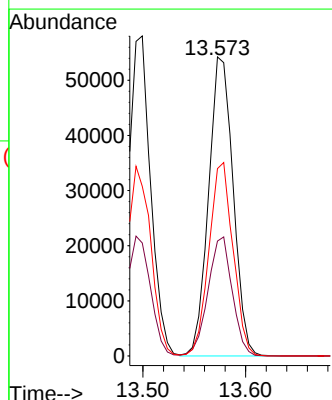
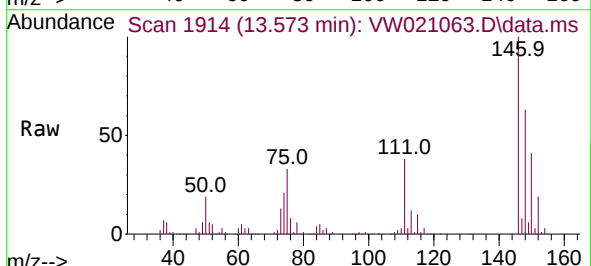
Tgt Ion:146 Resp: 90173

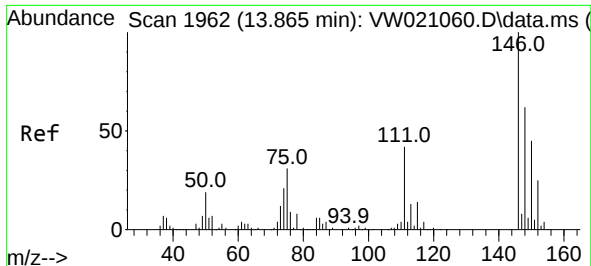
Ion Ratio Lower Upper

146 100

111 38.4 29.0 53.9

148 62.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.282 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

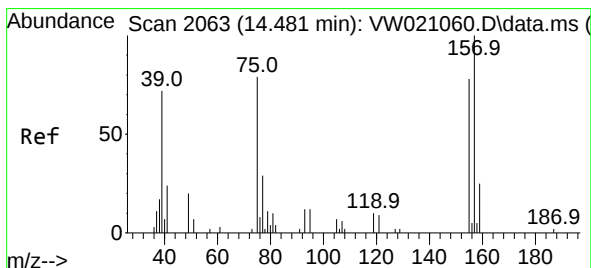
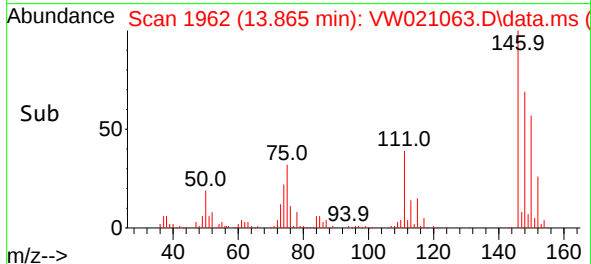
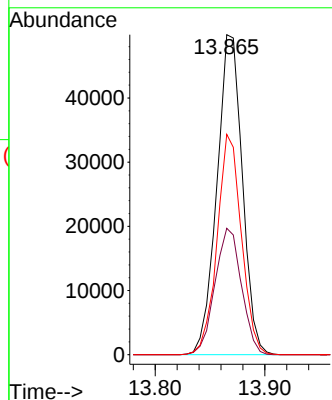
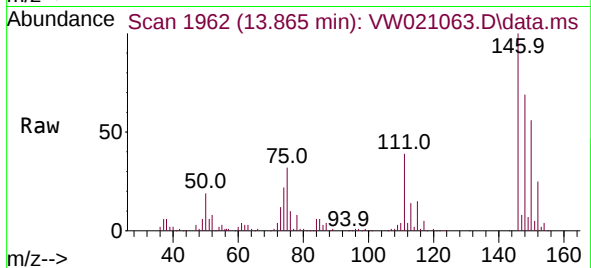
Tgt Ion:146 Resp: 80585

Ion Ratio Lower Upper

146 100

111 39.5 33.1 49.7

148 68.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.236 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

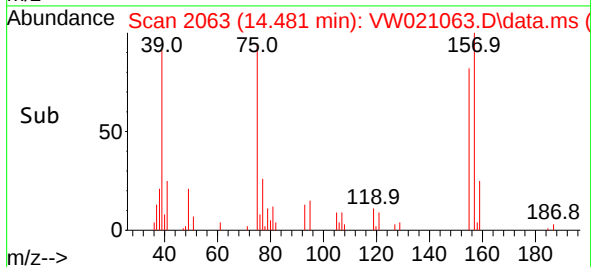
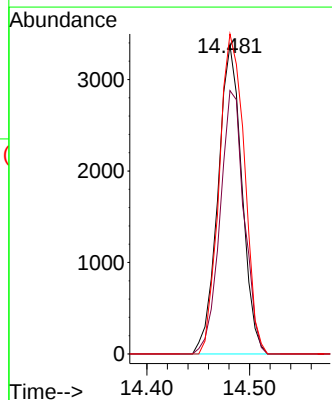
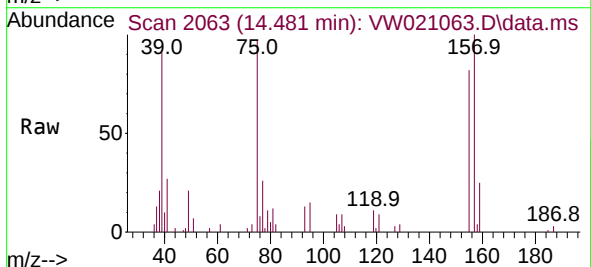
Tgt Ion: 75 Resp: 5446

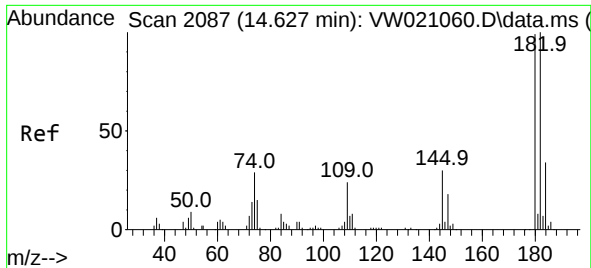
Ion Ratio Lower Upper

75 100

155 85.3 54.2 81.2#

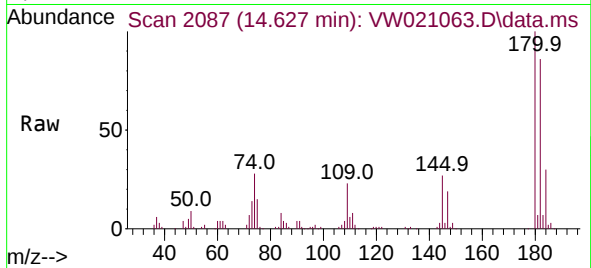
157 103.6 69.4 104.2



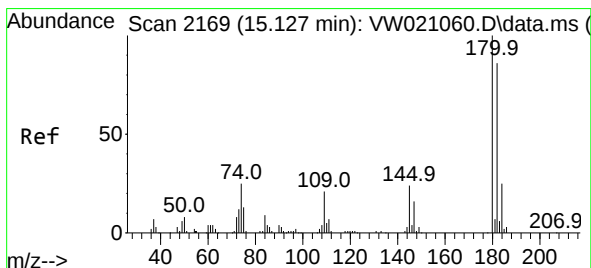
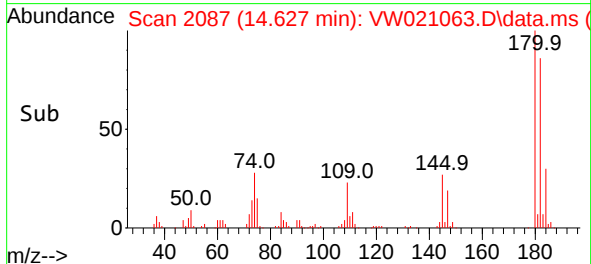
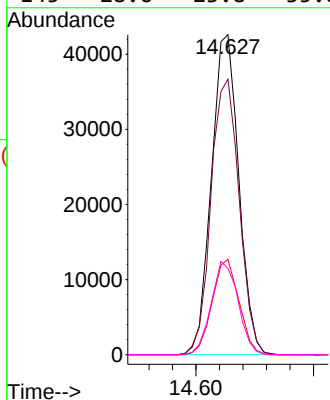


#69
 1,3,5-Trichlorobenzene
 Concen: 24.146 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

Instrument :
 MSVOA_W
 ClientSampleId :

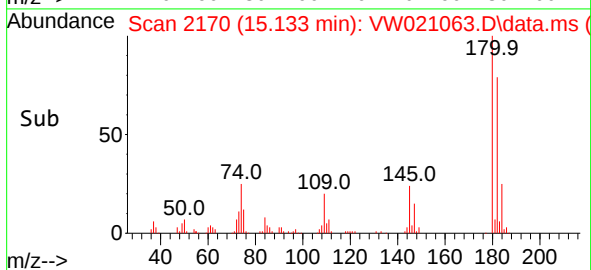
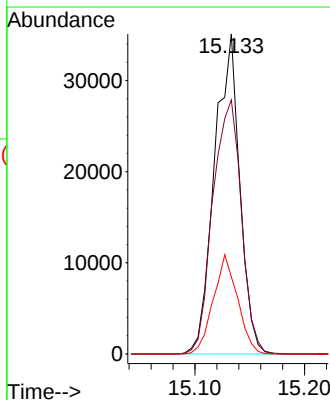
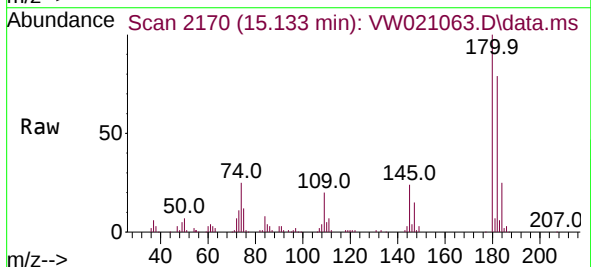


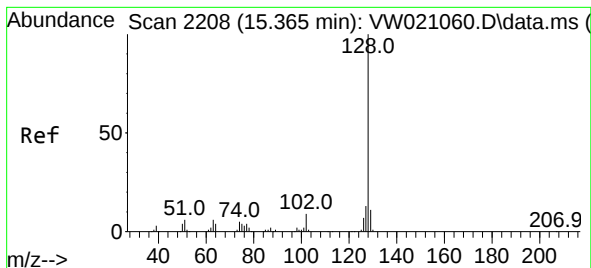
Tgt Ion:180 Resp: 68984
 Ion Ratio Lower Upper
 180 100
 182 88.6 75.4 113.0
 184 29.1 23.8 35.8
 145 28.6 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 23.925 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021063.D
 Acq: 03 Dec 2021 14:17

Tgt Ion:180 Resp: 56167
 Ion Ratio Lower Upper
 180 100
 182 89.2 79.0 118.6
 145 29.9 26.0 39.0





#71

Naphthalene

Concen: 23.901 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Instrument :

MSVOA_W

ClientSampleId :

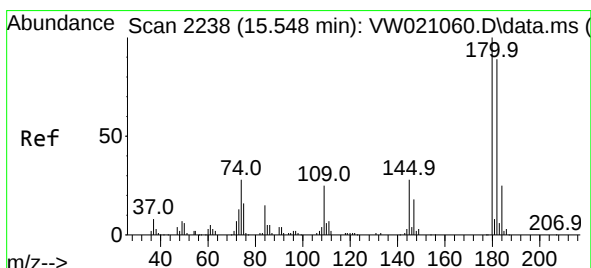
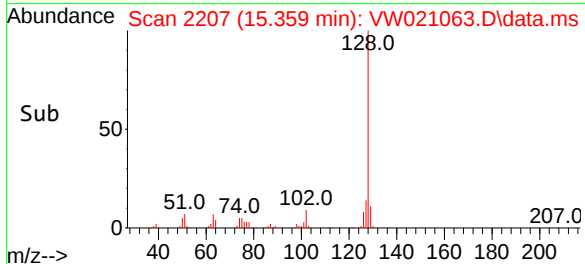
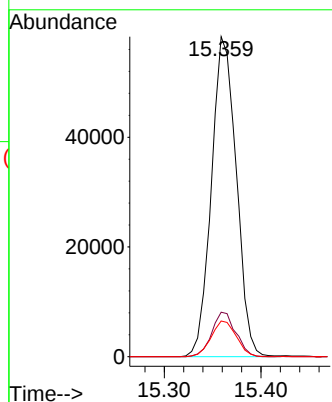
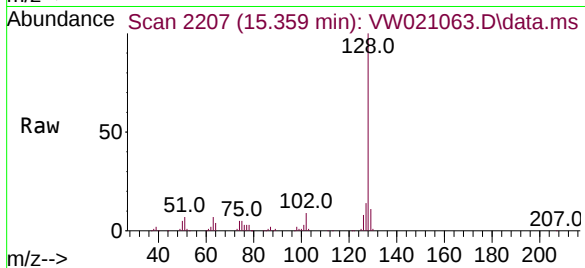
Tgt Ion:128 Resp: 104311

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.3 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.086 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW021063.D

Acq: 03 Dec 2021 14:17

Tgt Ion:180 Resp: 47300

Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

145 31.7 27.4 41.0

