

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021213.D
 Acq On : 07 Dec 2021 18:41
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 02:52:11 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	8.842	114	109993	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	105701	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	64954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40063	26.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.560%	
7) Chloroethane-d5	2.885	69	28803	28.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.320%	
11) 1,1-Dichloroethene-d2	4.019	63	56841	23.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.880%	
21) 2-Butanone-d5	7.074	46	15553	44.494	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.980%	
24) Chloroform-d	7.653	84	69319	25.165	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.640%	
26) 1,2-Dichloroethane-d4	8.305	65	36350	24.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 96.480%	
32) Benzene-d6	8.275	84	128627	23.800	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.200%	
36) 1,2-Dichloropropane-d6	9.274	67	36354	24.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 96.800%	
41) Toluene-d8	10.323	98	130052	23.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 93.880%	
43) trans-1,3-Dichloroprop...	10.579	79	15831	23.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.840%	
47) 2-Hexanone-d5	10.927	63	13156	45.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.560%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34523	24.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 99.400%	
66) 1,2-Dichlorobenzene-d4	13.853	152	57334	24.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	10580	19.692	ug/L	94
3) Chloromethane	2.215	50	30713	25.535	ug/L	99
5) Vinyl chloride	2.355	62	53171	25.447	ug/L	96
6) Bromomethane	2.776	94	32424	23.338	ug/L	97
8) Chloroethane	2.916	64	23397	26.868	ug/L	99
9) Trichlorofluoromethane	3.257	101	24951	24.730	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	36294	22.982	ug/L	94
12) 1,1-Dichloroethene	4.038	96	31815	22.284	ug/L	76
13) Acetone	4.123	43	10221	32.100	ug/L	89
14) Carbon disulfide	4.379	76	85523	21.581	ug/L	99
15) Methyl Acetate	4.665	43	11960	20.716	ug/L #	90
16) Methylene chloride	4.915	84	33593	19.385	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	34524	22.711	ug/L	86
18) Methyl tert-butyl Ether	5.428	73	50323	21.933	ug/L	93
19) 1,1-Dichloroethane	6.214	63	54027	22.414	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	36675	22.741	ug/L	76
22) 2-Butanone	7.171	43	15882	36.043	ug/L	87
23) Bromochloromethane	7.513	128	18000	23.855	ug/L #	65
25) Chloroform	7.677	83	62305	23.027	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

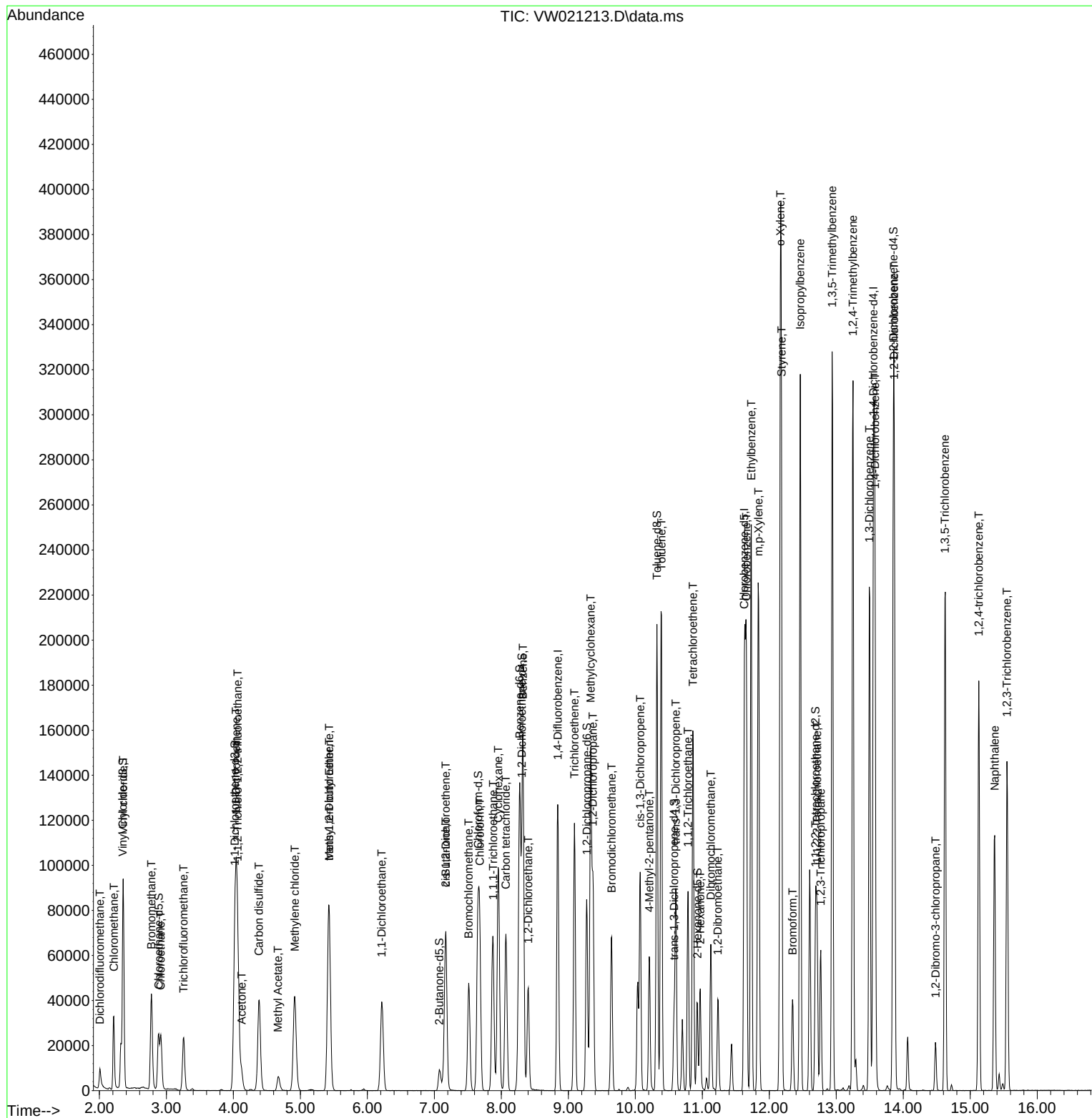
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	40518	22.891	ug/L	97
29) Cyclohexane	7.951	56	50705	21.745	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	53970	21.899	ug/L	95
31) Carbon tetrachloride	8.067	117	50977	22.260	ug/L	96
33) Benzene	8.323	78	132171	21.989	ug/L	100
34) Trichloroethene	9.092	95	38065	22.954	ug/L	89
35) Methylcyclohexane	9.335	83	62601	22.427	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	30660	22.568	ug/L #	95
38) Bromodichloromethane	9.646	83	43060	22.547	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	50457	22.961	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36633	39.582	ug/L #	92
42) Toluene	10.390	91	155790	22.692	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	45316	22.793	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	26268	23.062	ug/L	97
46) Tetrachloroethene	10.859	164	35858	23.614	ug/L	98
48) 2-Hexanone	10.969	43	27621	41.371	ug/L #	94
49) Dibromochloromethane	11.128	129	32647	22.934	ug/L	99
50) 1,2-Dibromoethane	11.231	107	26379	22.711	ug/L	99
51) Chlorobenzene	11.658	112	103815	22.630	ug/L	90
52) Ethylbenzene	11.731	91	174543	22.583	ug/L	95
53) m,p-Xylene	11.841	106	73139	22.875	ug/L	87
54) o-Xylene	12.164	106	70581	23.413	ug/L	97
55) Styrene	12.182	104	125339	24.403	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	31930	23.307	ug/L #	95
59) Bromoform	12.347	173	19604	21.164	ug/L #	94
60) Isopropylbenzene	12.463	105	198351	21.973	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23193	21.316	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	172782	22.856	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	171497	22.556	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	91143	21.443	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	95607	22.256	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	85854	22.686	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4873	19.833	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.621	180	69625	22.288	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	57030	22.217	ug/L	97
71) Naphthalene	15.365	128	97295	20.389	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	48773	21.771	ug/L	97

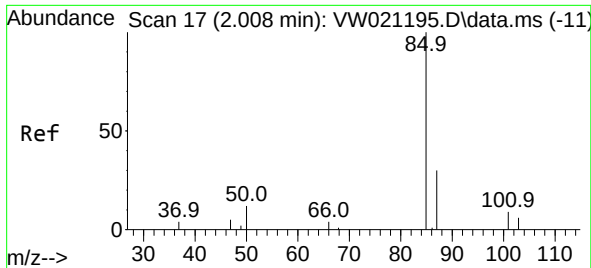
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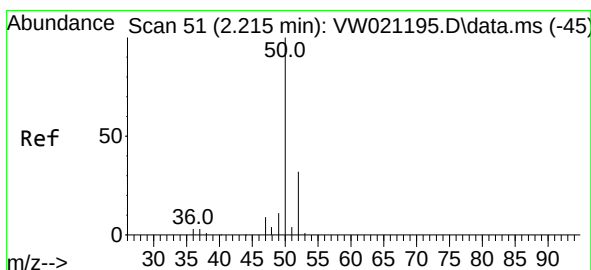
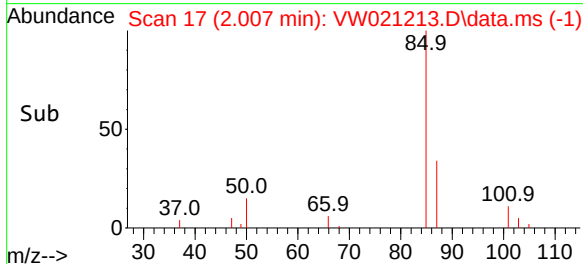
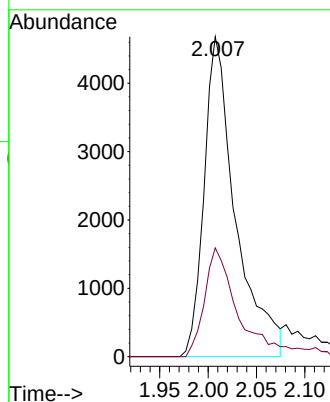
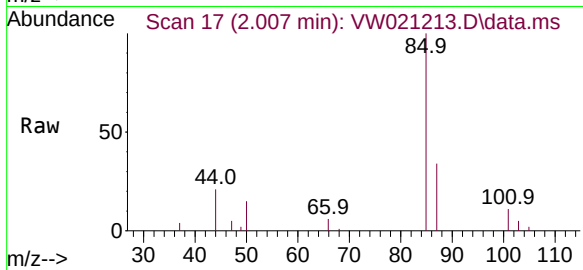




#2
Dichlorodifluoromethane
Concen: 19.692 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

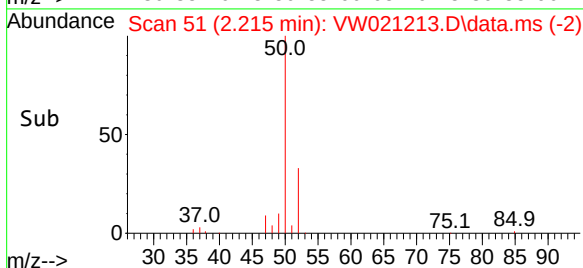
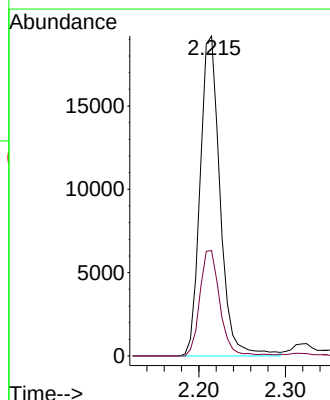
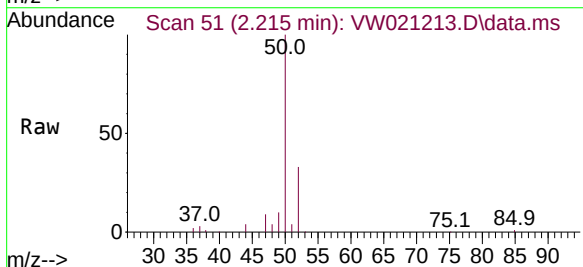
Instrument :
MSVOA_W
ClientSampleId :

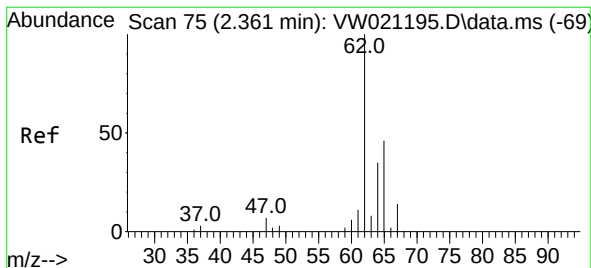
Tgt Ion: 85 Resp: 10580
Ion Ratio Lower Upper
85 100
87 35.7 25.8 38.6



#3
Chloromethane
Concen: 25.535 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 50 Resp: 30713
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6





#5

Vinyl chloride

Concen: 25.447 ug/L

RT: 2.355 min Scan# 74

Delta R.T. -0.006 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

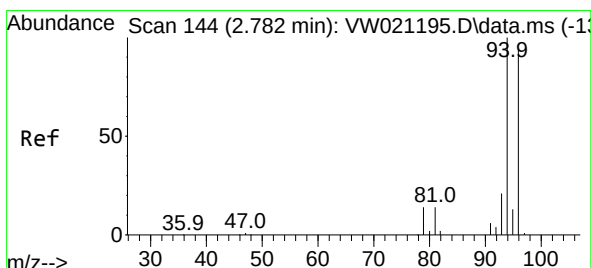
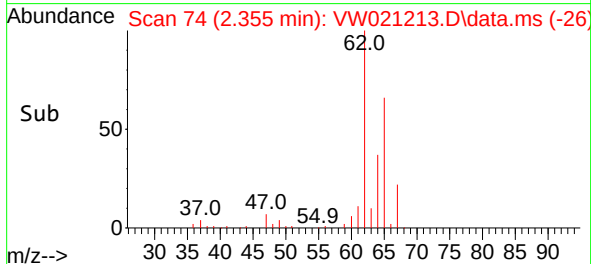
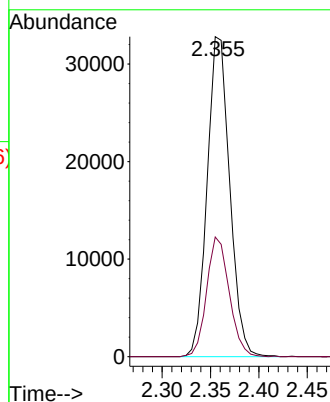
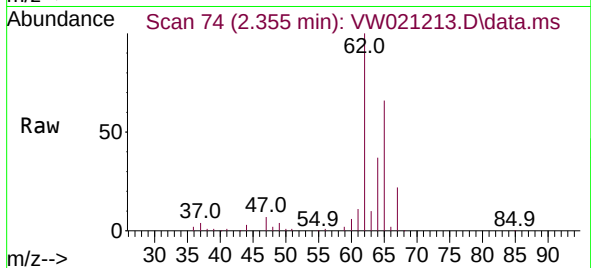
ClientSampleId :

Tgt Ion: 62 Resp: 53171

Ion Ratio Lower Upper

62 100

64 37.4 24.4 45.2



#6

Bromomethane

Concen: 23.338 ug/L

RT: 2.776 min Scan# 143

Delta R.T. -0.006 min

Lab File: VW021213.D

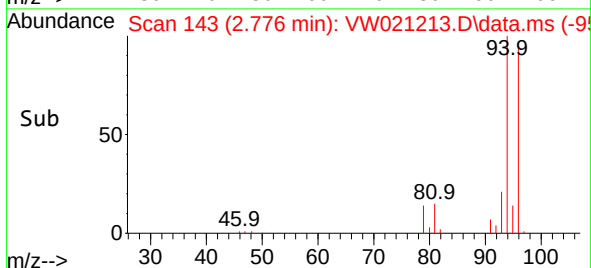
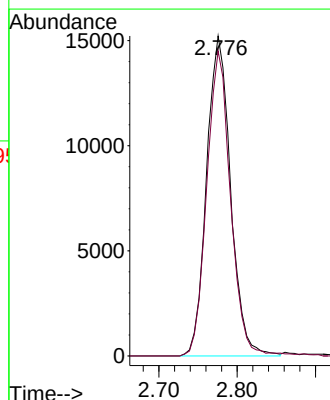
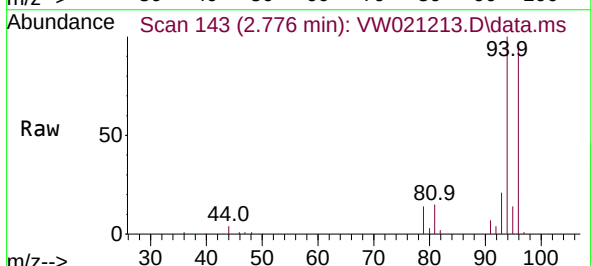
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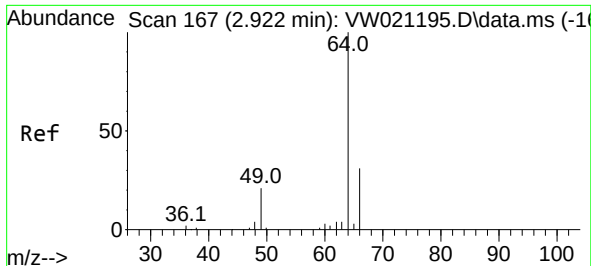
Tgt Ion: 94 Resp: 32424

Ion Ratio Lower Upper

94 100

96 95.3 64.8 120.4

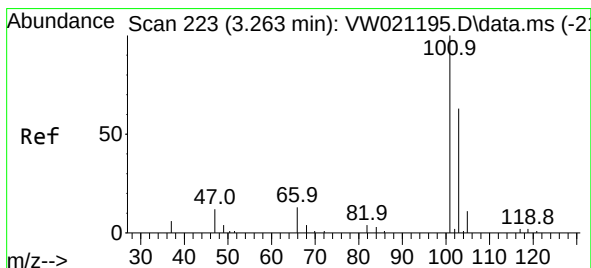
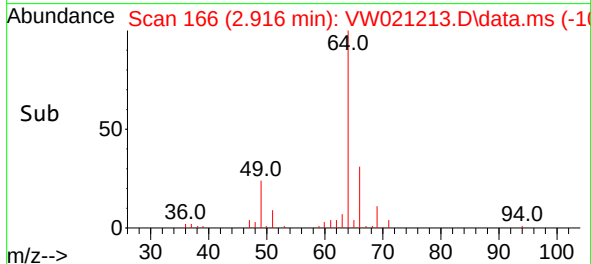
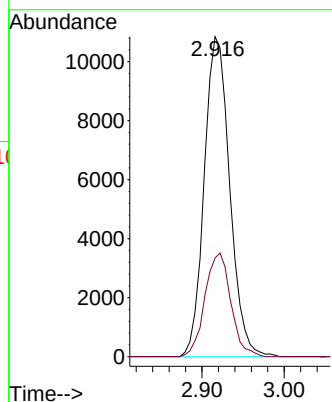
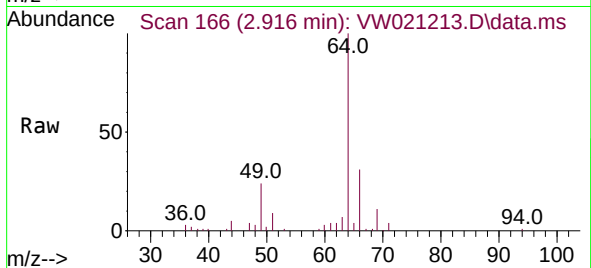




#8
Chloroethane
Concen: 26.868 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

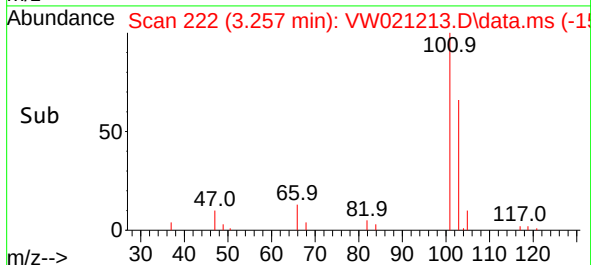
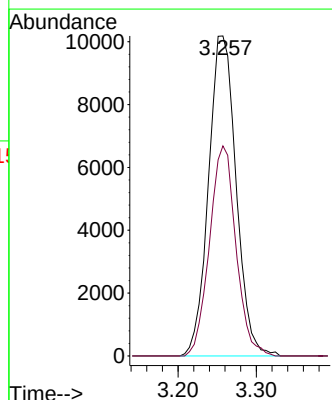
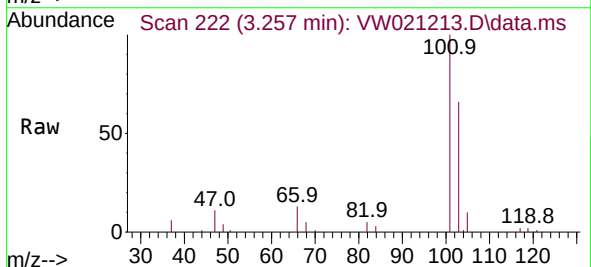
Instrument :
MSVOA_W
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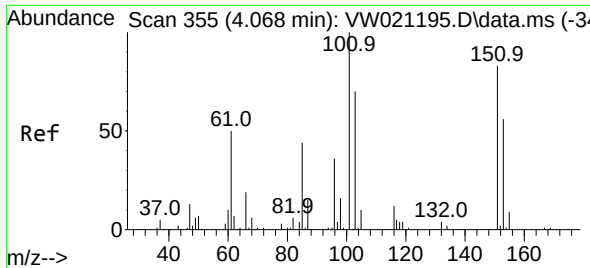
Tgt Ion: 64 Resp: 23397
Ion Ratio Lower Upper
64 100
66 30.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.730 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 101 Resp: 24951
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

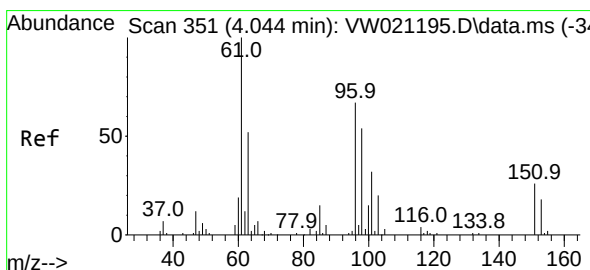
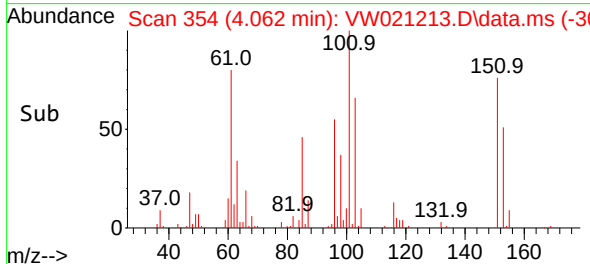
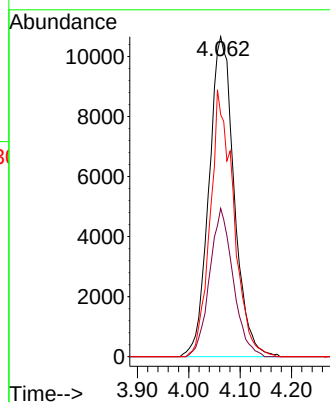
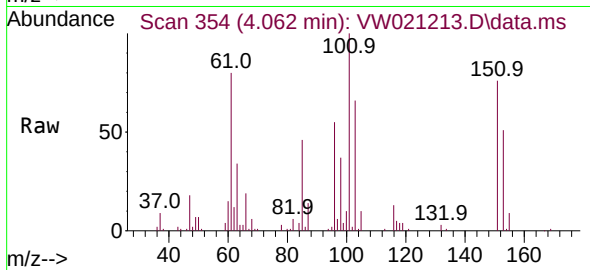




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.982 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021213.D
 Acq: 07 Dec 2021 18:41

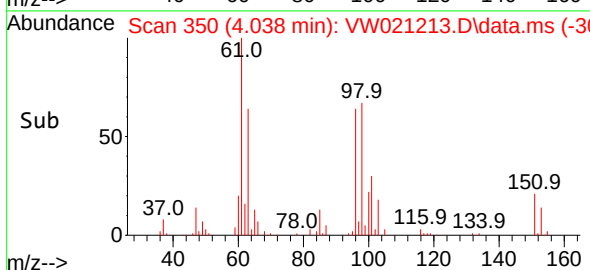
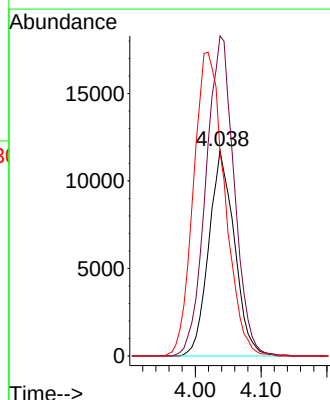
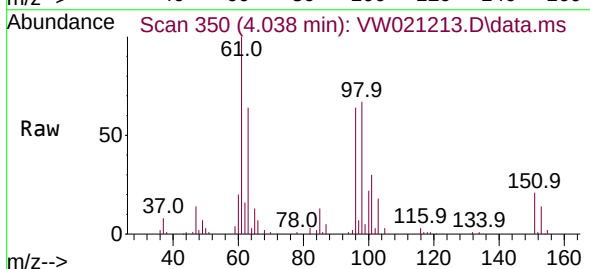
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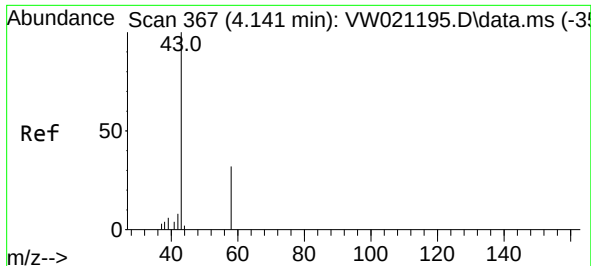
Tgt Ion:101 Resp: 36294
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.6 54.8
 151 77.6 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.284 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021213.D
 Acq: 07 Dec 2021 18:41

Tgt Ion: 96 Resp: 31815
 Ion Ratio Lower Upper
 96 100
 61 156.0 138.3 256.9
 63 99.3 82.6 153.4





#13

Acetone

Concen: 32.100 ug/L

RT: 4.123 min Scan# 30

Delta R.T. -0.018 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

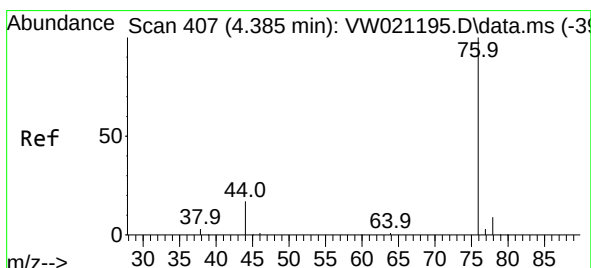
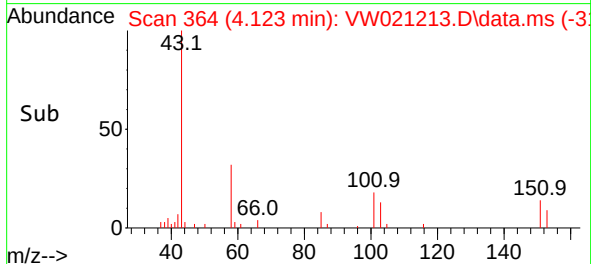
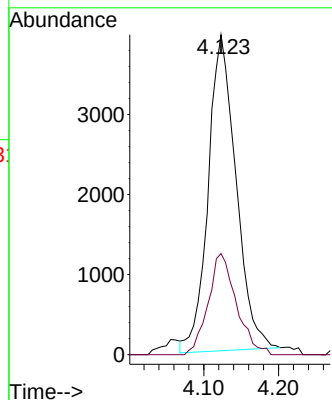
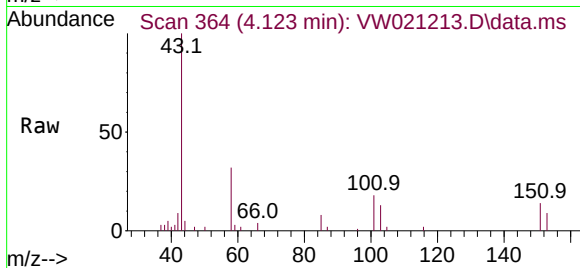
ClientSampleId :

Tgt Ion: 43 Resp: 10221

Ion Ratio Lower Upper

43 100

58 32.1 0.0 52.8



#14

Carbon disulfide

Concen: 21.581 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021213.D

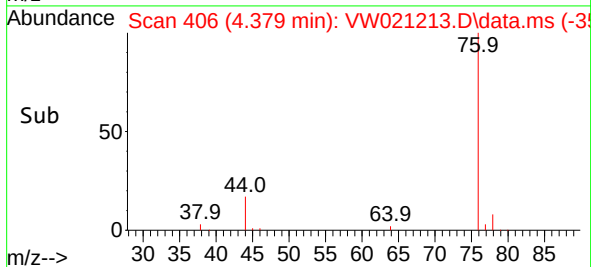
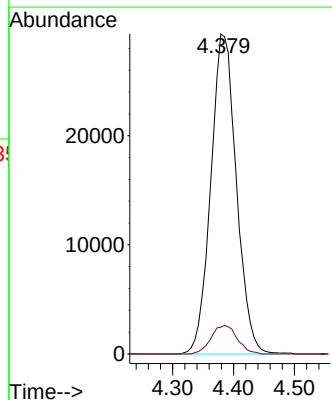
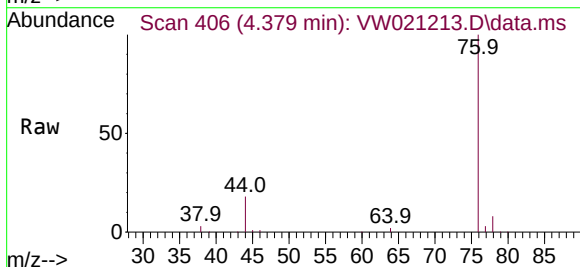
Acq: 07 Dec 2021 18:41

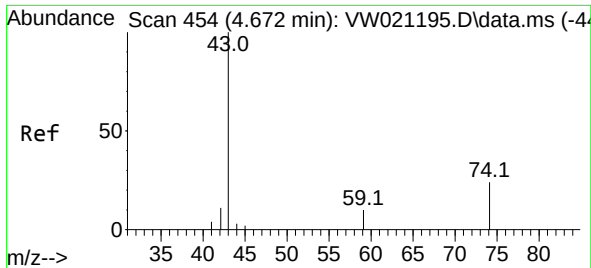
Tgt Ion: 76 Resp: 85523

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7

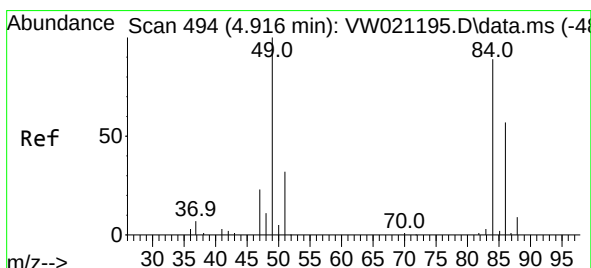
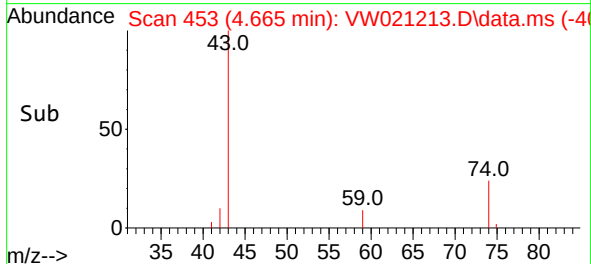
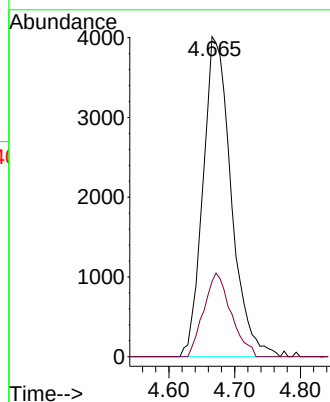
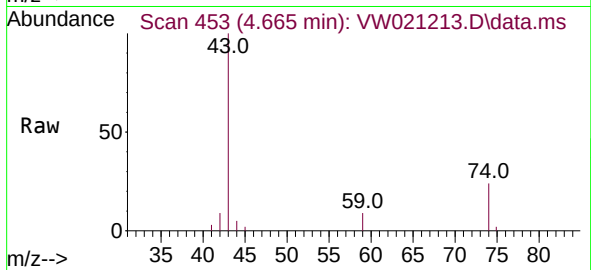




#15
Methyl Acetate
Concen: 20.716 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

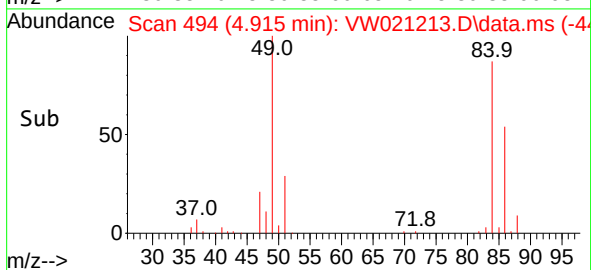
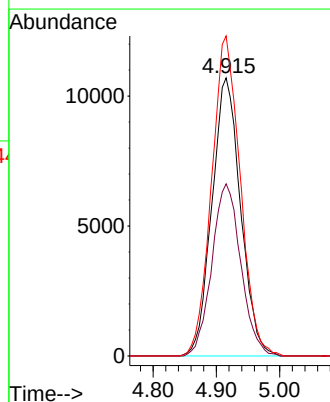
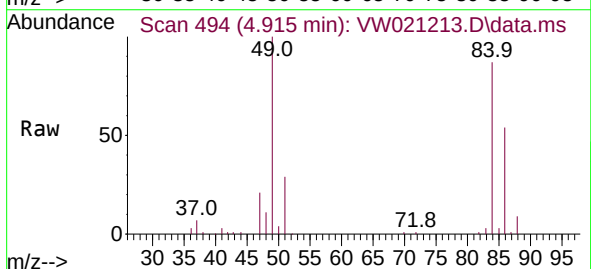
Instrument :
MSVOA_W
ClientSampleId :

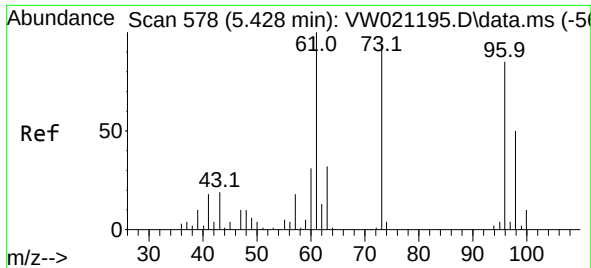
Tgt Ion: 43 Resp: 11960
Ion Ratio Lower Upper
43 100
74 25.2 16.4 24.6#



#16
Methylene chloride
Concen: 19.385 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 84 Resp: 33593
Ion Ratio Lower Upper
84 100
86 61.9 45.5 84.5
49 115.1 100.5 186.7



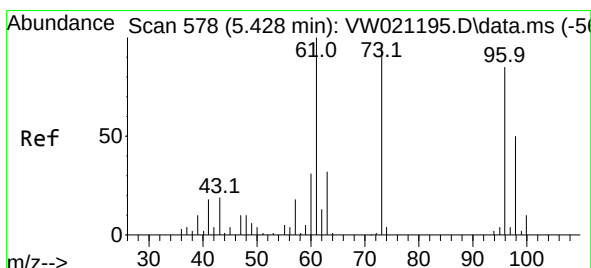
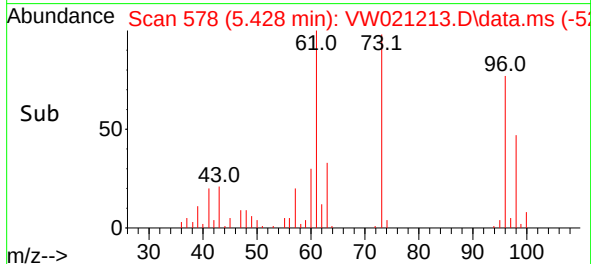
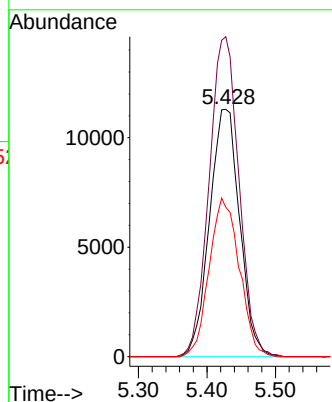
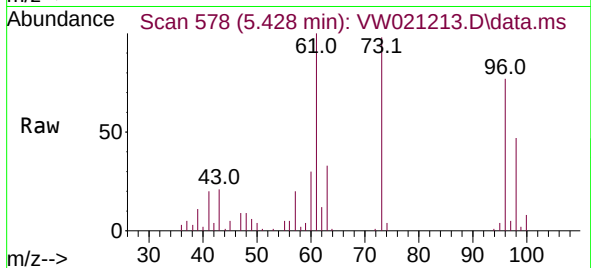


#17
 trans-1,2-Dichloroethene
 Concen: 22.711 ug/L
 RT: 5.428 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021213.D
 Acq: 07 Dec 2021 18:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 34524

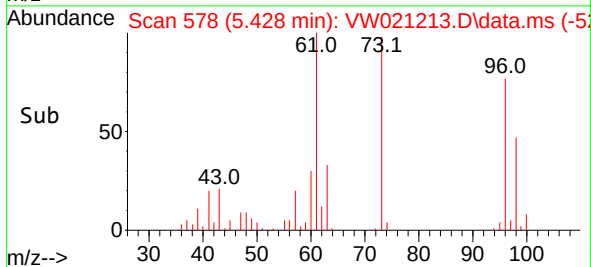
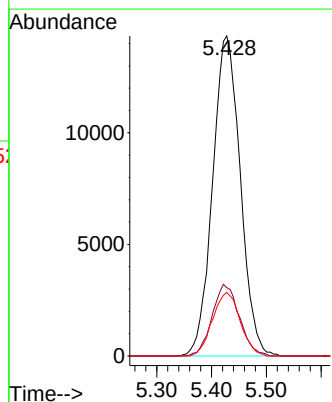
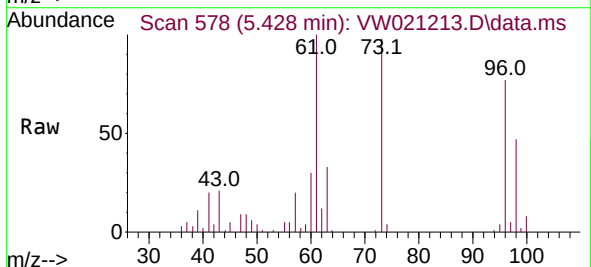
Ion	Ratio	Lower	Upper
96	100		
61	129.3	107.4	199.4
98	60.4	41.2	76.6

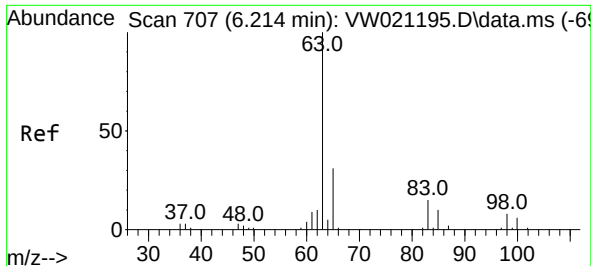


#18
 Methyl tert-butyl Ether
 Concen: 21.933 ug/L
 RT: 5.428 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: VW021213.D
 Acq: 07 Dec 2021 18:41

Tgt Ion: 73 Resp: 50323

Ion	Ratio	Lower	Upper
73	100		
43	21.9	19.5	29.3
57	19.9	19.3	28.9

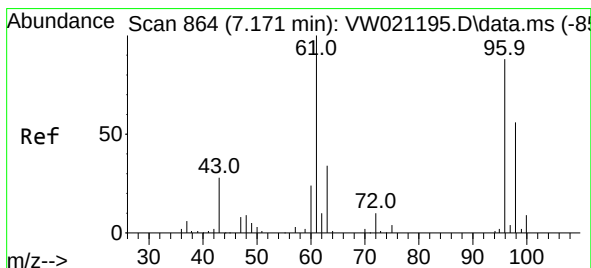
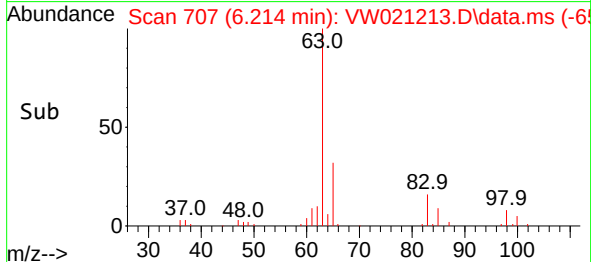
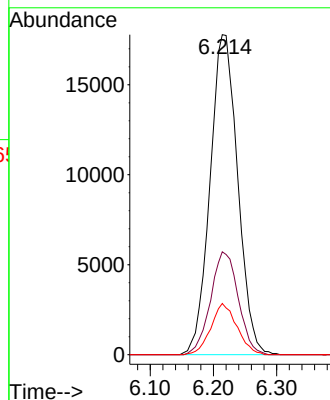
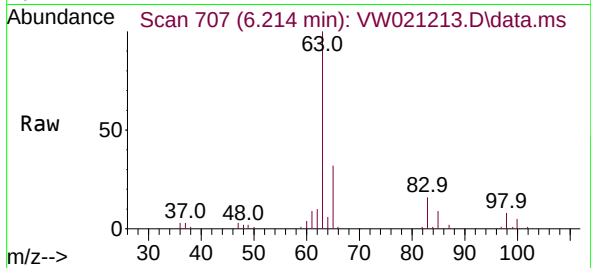




#19
1,1-Dichloroethane
Concen: 22.414 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

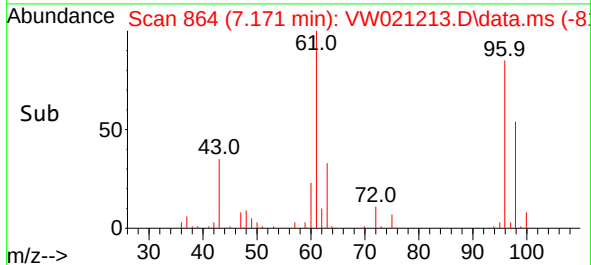
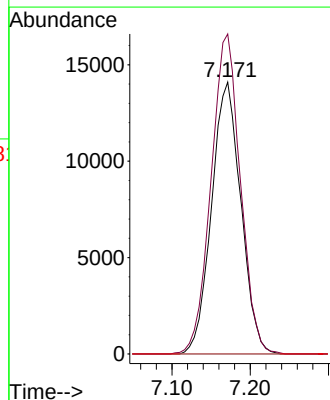
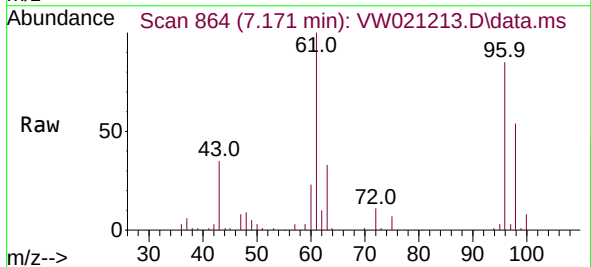
Instrument :
MSVOA_W
ClientSampleId :

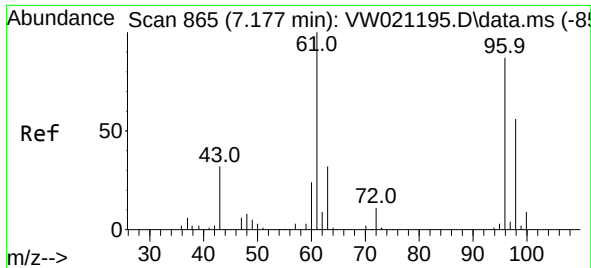
Tgt Ion: 63 Resp: 54027
Ion Ratio Lower Upper
63 100
65 32.1 22.1 41.1
83 16.0 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 22.741 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 96 Resp: 36675
Ion Ratio Lower Upper
96 100
61 117.7 103.7 192.7
68 0.0 0.0 0.0

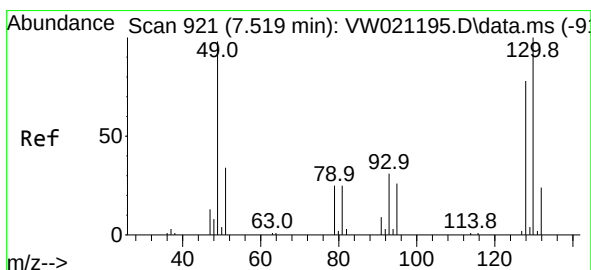
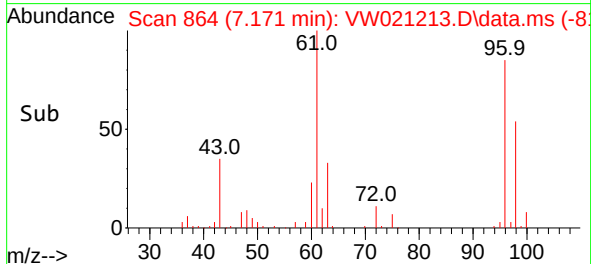
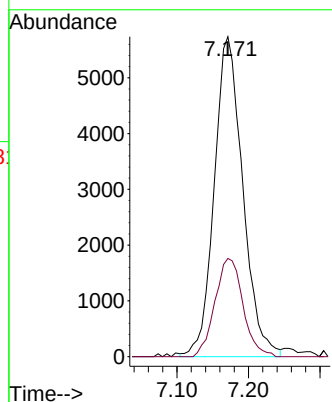
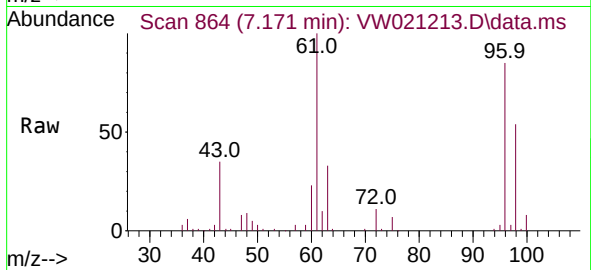




#22
2-Butanone
Concen: 36.043 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

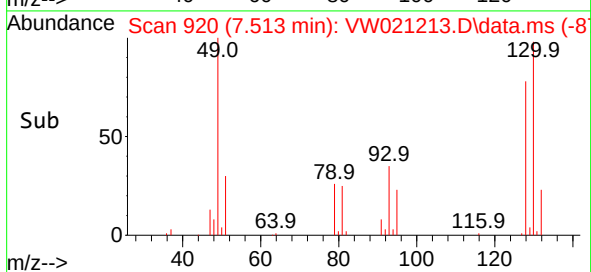
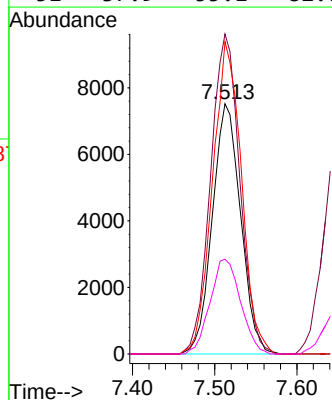
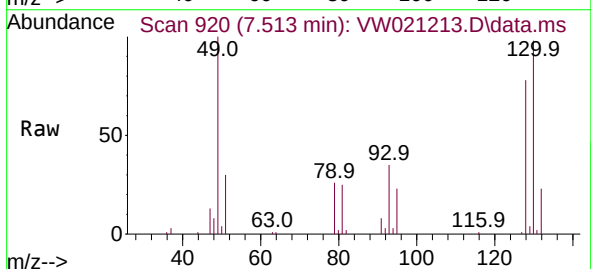
Instrument :
MSVOA_W
ClientSampleId :

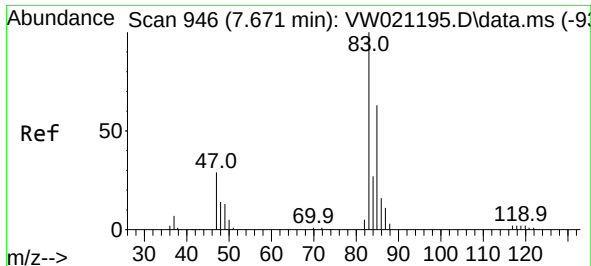
Tgt Ion: 43 Resp: 15882
Ion Ratio Lower Upper
43 100
72 30.2 11.8 35.4



#23
Bromochloromethane
Concen: 23.855 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 128 Resp: 18000
Ion Ratio Lower Upper
128 100
49 127.9 150.3 279.1#
130 124.8 88.3 163.9
51 37.9 55.1 82.7#

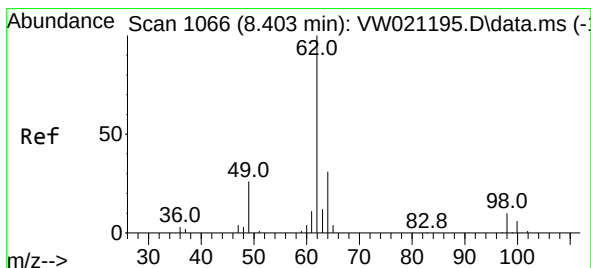
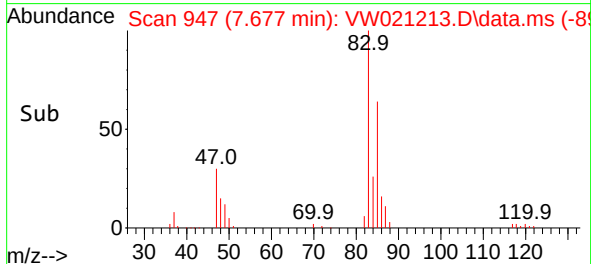
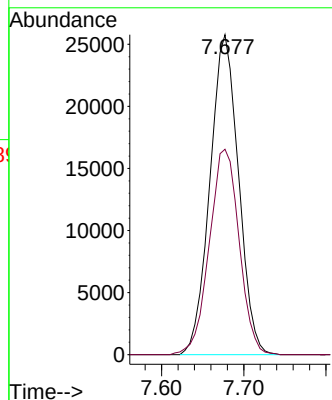
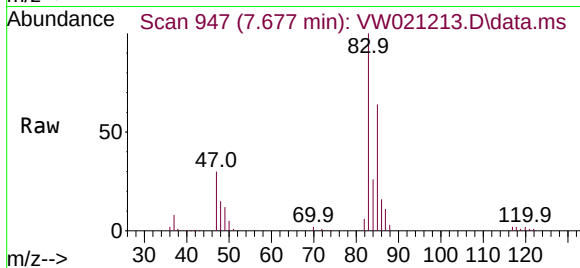




#25
Chloroform
Concen: 23.027 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

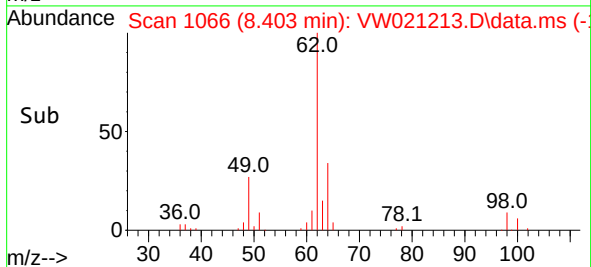
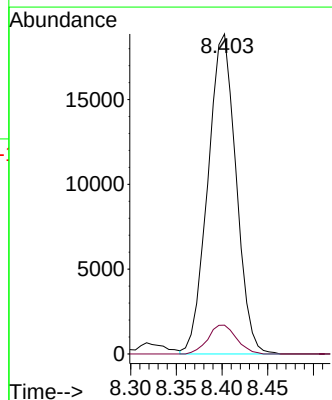
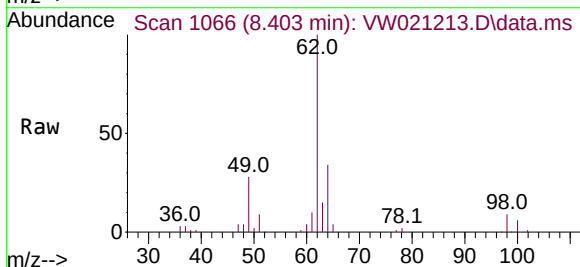
Instrument :
MSVOA_W
ClientSampleId :

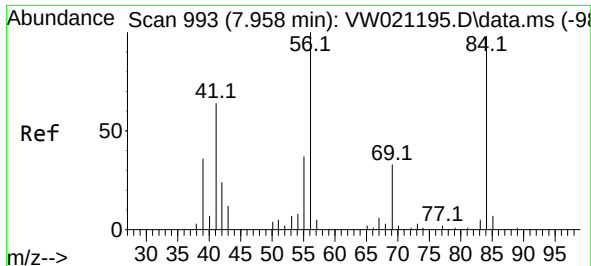
Tgt Ion: 83 Resp: 62305
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.891 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 62 Resp: 40518
Ion Ratio Lower Upper
62 100
98 9.0 6.5 9.7





#29

Cyclohexane

Concen: 21.745 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW021213.D

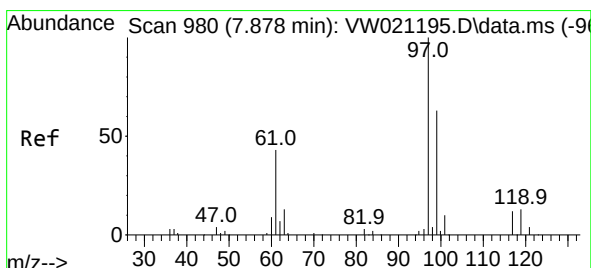
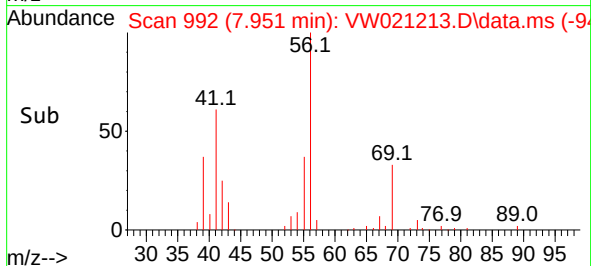
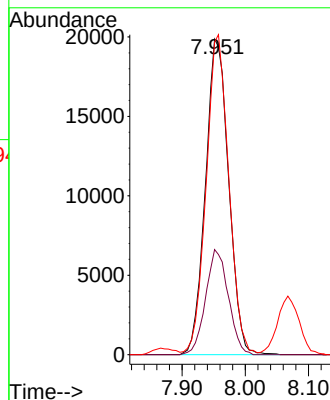
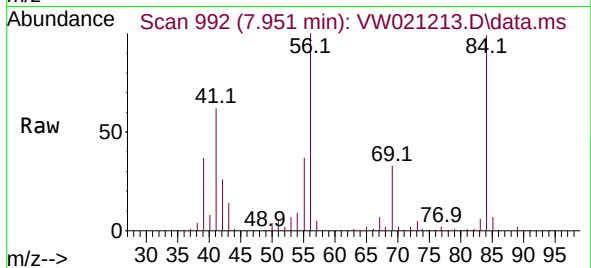
Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56	Resp: 50705
Ion Ratio	Lower Upper
56	100
69	32.5 23.5 35.3
84	98.7 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 21.899 ug/L

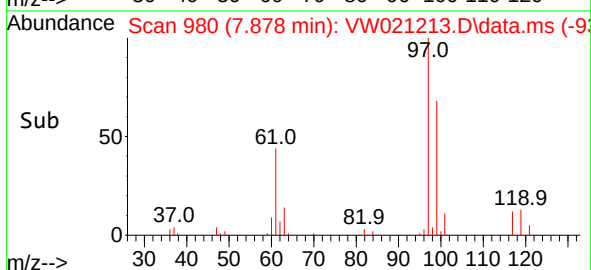
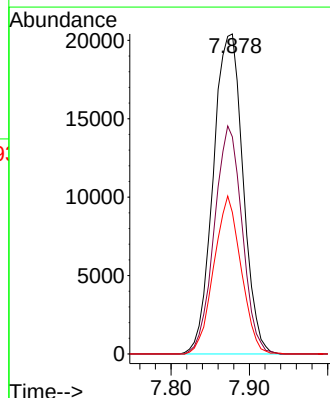
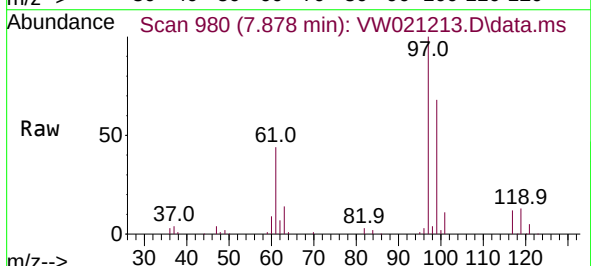
RT: 7.878 min Scan# 980

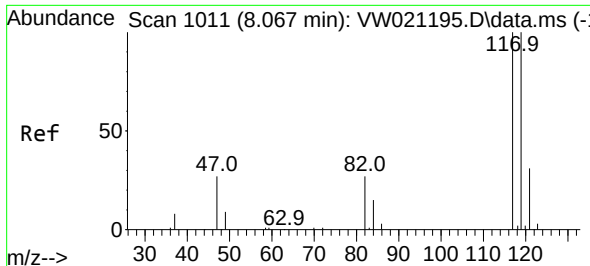
Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Tgt Ion: 97	Resp: 53970
Ion Ratio	Lower Upper
97	100
99	66.6 51.6 77.4
61	45.1 40.9 61.3

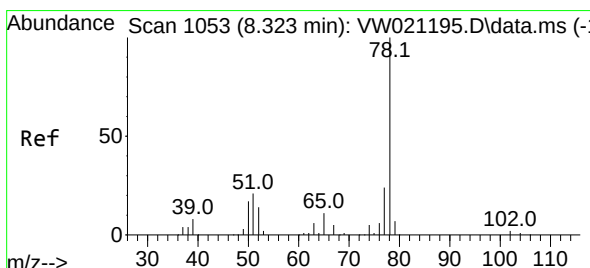
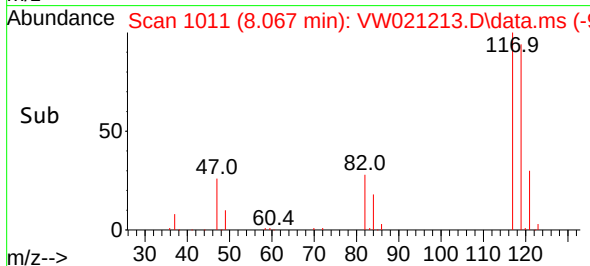
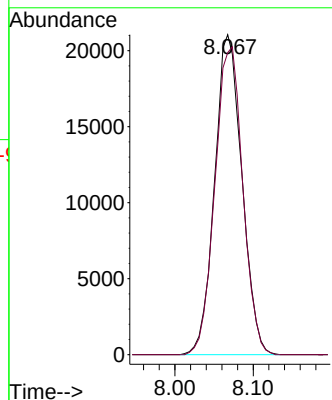
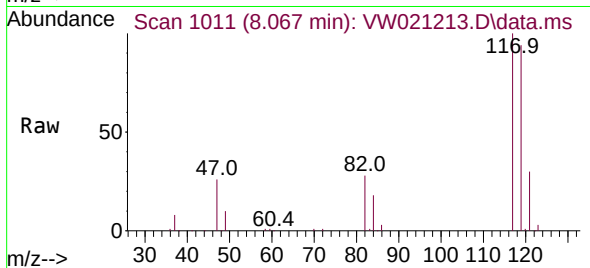




#31
Carbon tetrachloride
Concen: 22.260 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

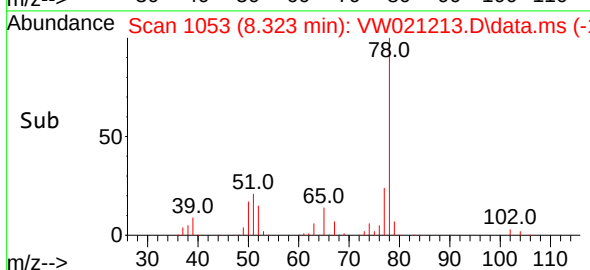
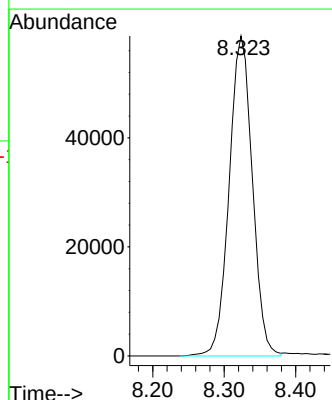
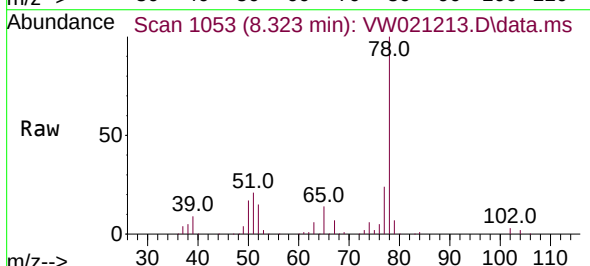
Instrument :
MSVOA_W
ClientSampleId :

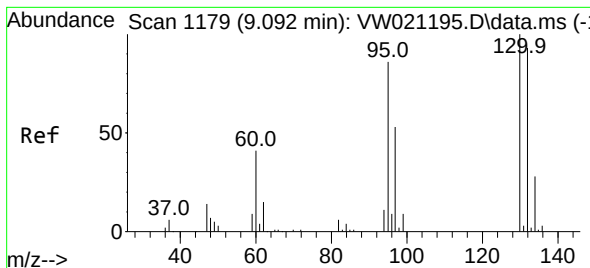
Tgt Ion:117 Resp: 50977
Ion Ratio Lower Upper
117 100
119 98.2 75.7 113.5



#33
Benzene
Concen: 21.989 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 78 Resp: 132171





#34

Trichloroethene

Concen: 22.954 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 38065

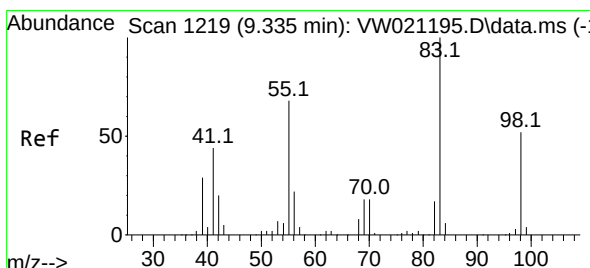
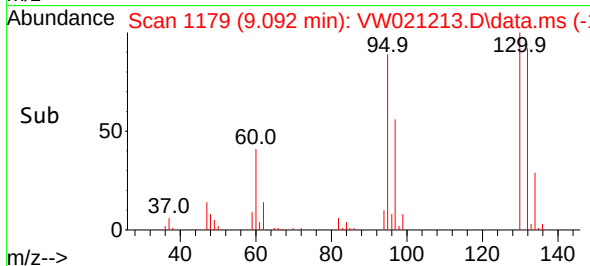
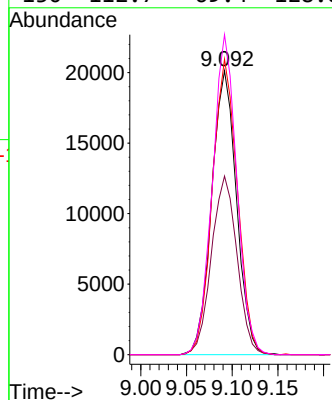
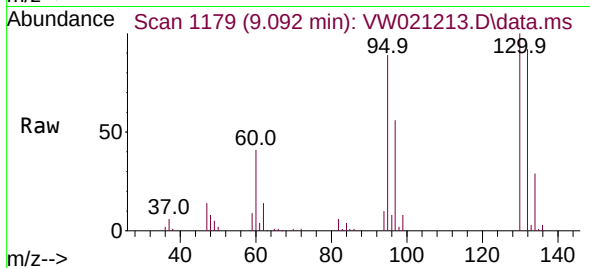
Ion Ratio Lower Upper

95 100

97 62.9 47.0 87.2

132 104.1 65.5 121.6

130 112.7 69.4 128.8



#35

Methylcyclohexane

Concen: 22.427 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

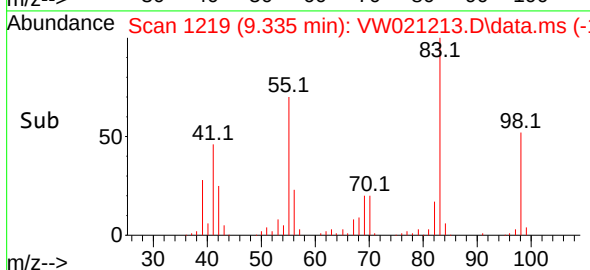
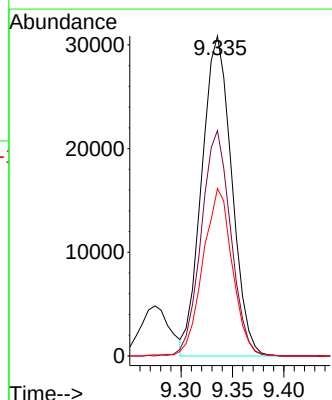
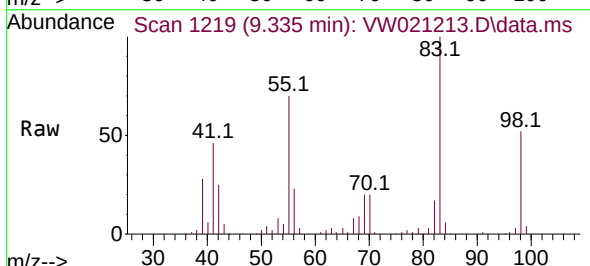
Tgt Ion: 83 Resp: 62601

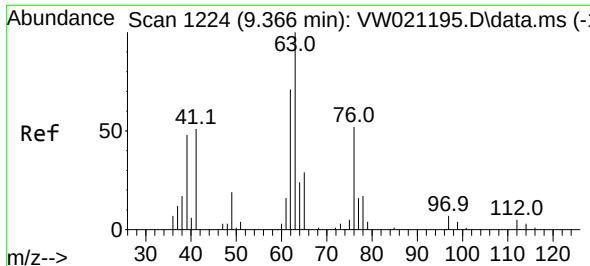
Ion Ratio Lower Upper

83 100

55 69.2 70.8 106.2#

98 51.2 37.7 56.5

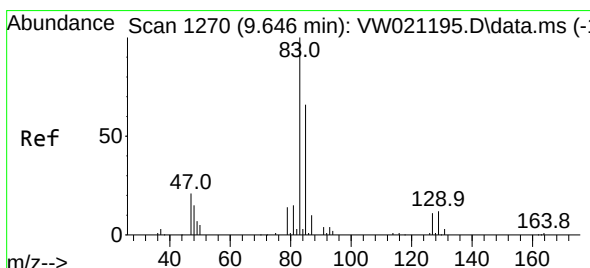
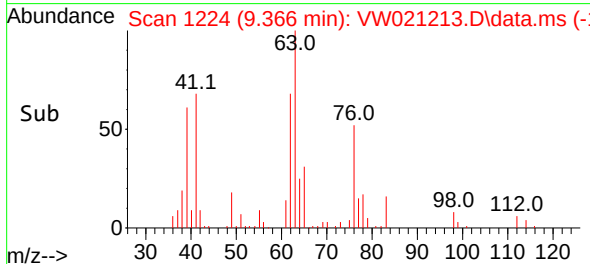
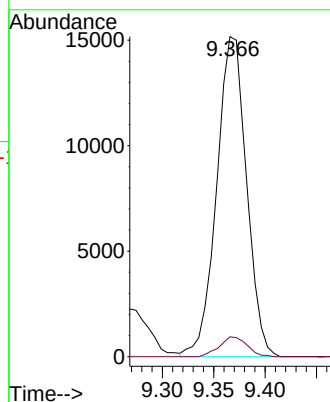
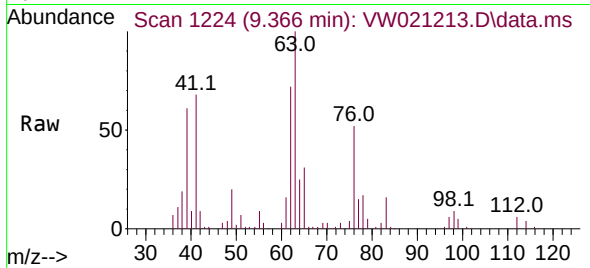




#37
1,2-Dichloropropane
Concen: 22.568 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

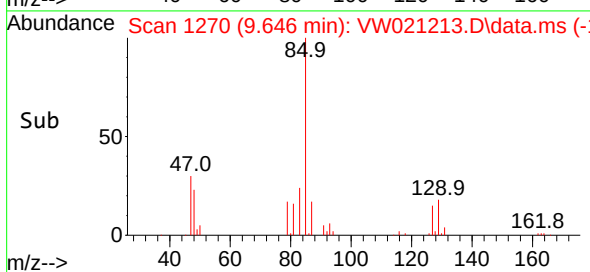
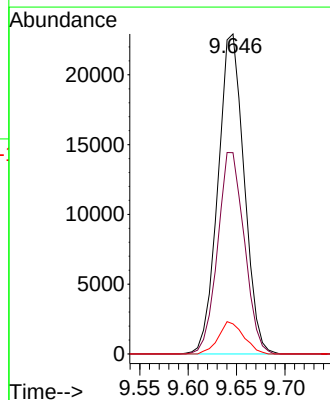
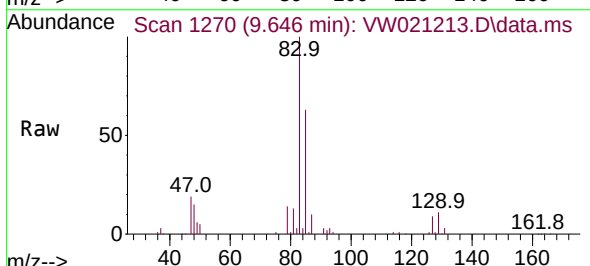
Instrument :
MSVOA_W
ClientSampleId :

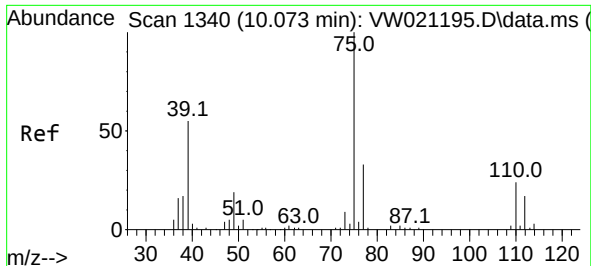
Tgt Ion: 63 Resp: 30660
Ion Ratio Lower Upper
63 100
112 5.8 3.2 4.8#



#38
Bromodichloromethane
Concen: 22.547 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 83 Resp: 43060
Ion Ratio Lower Upper
83 100
85 62.9 44.1 81.9
127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 22.961 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

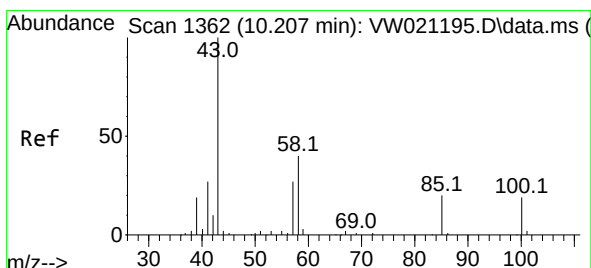
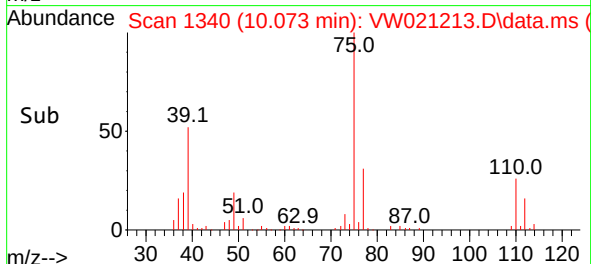
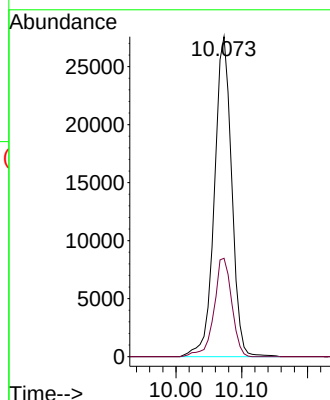
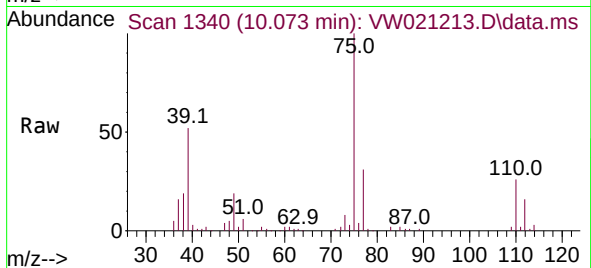
ClientSampleId :

Tgt Ion: 75 Resp: 50457

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 39.582 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

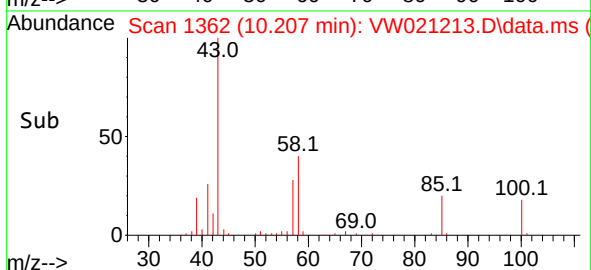
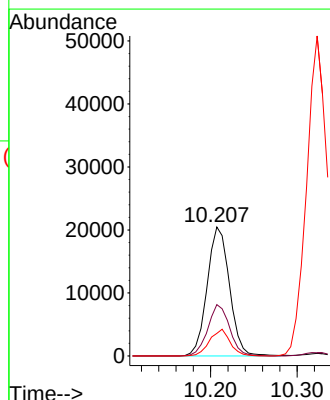
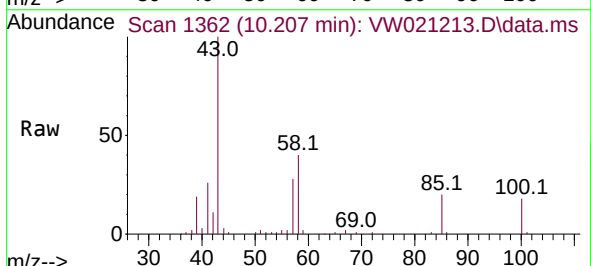
Tgt Ion: 43 Resp: 36633

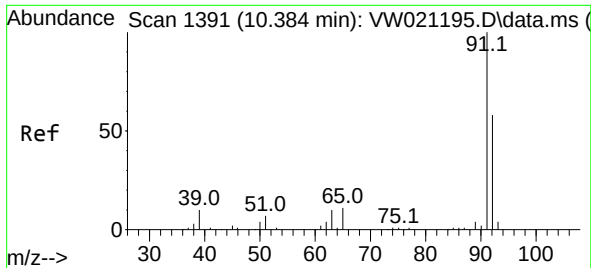
Ion Ratio Lower Upper

43 100

58 39.0 28.8 43.2

100 19.0 10.0 15.0#

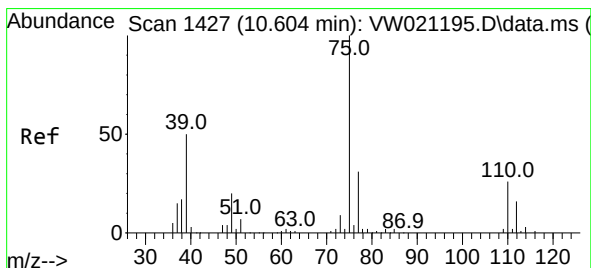
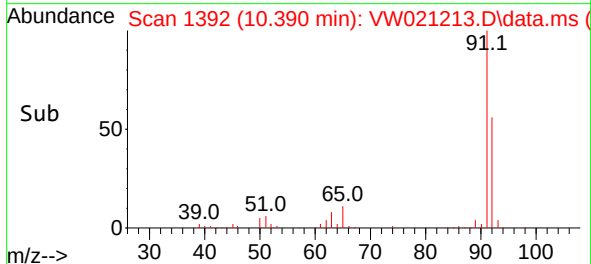
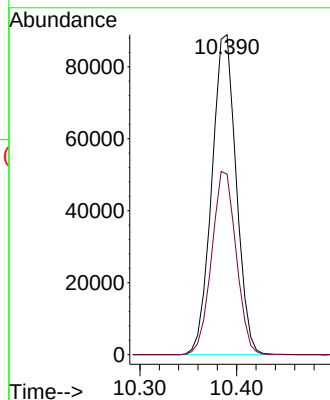
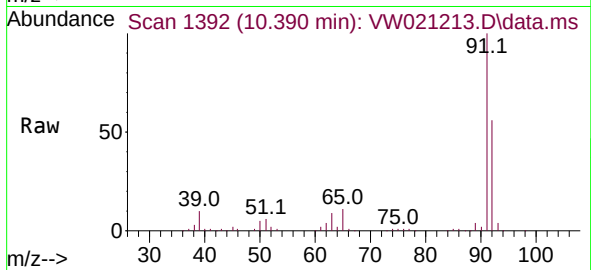




#42
Toluene
Concen: 22.692 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

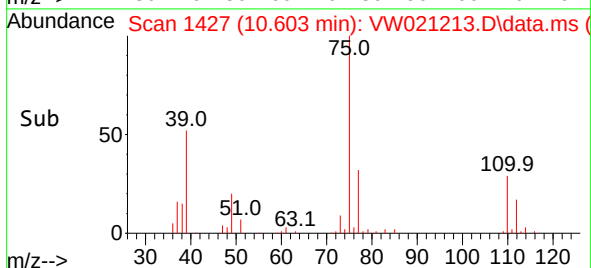
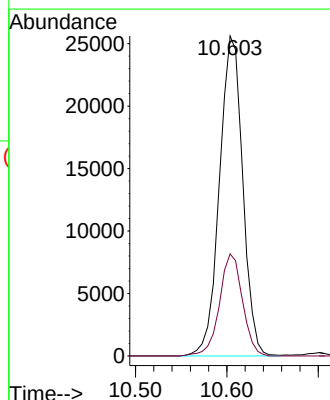
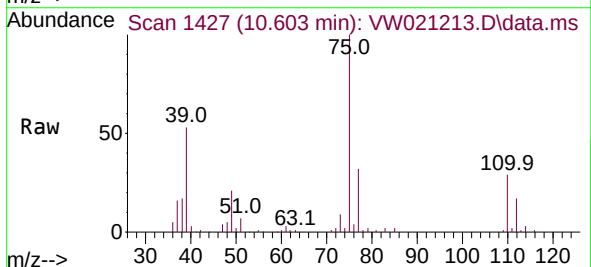
Instrument :
MSVOA_W
ClientSampleId :

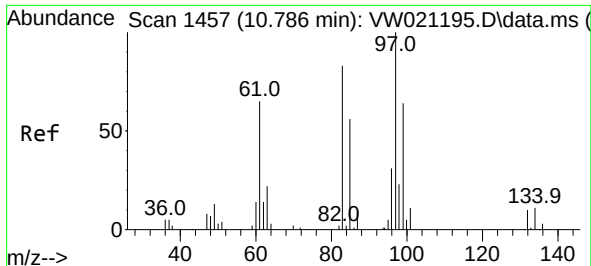
Tgt Ion: 91 Resp: 155790
Ion Ratio Lower Upper
91 100
92 56.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.793 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

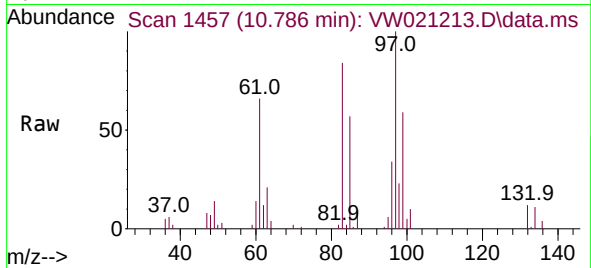
Tgt Ion: 75 Resp: 45316
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2



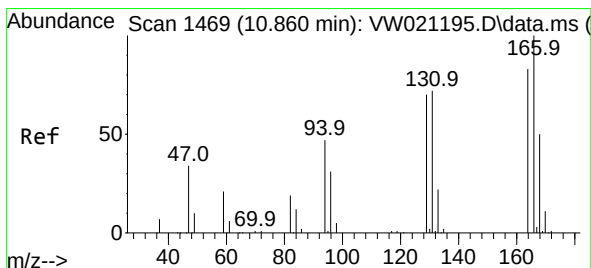
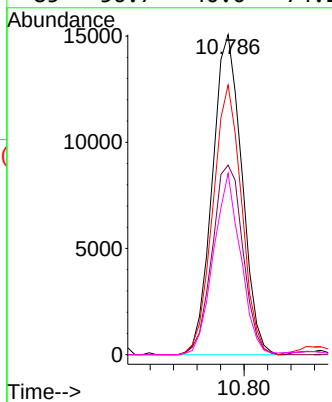
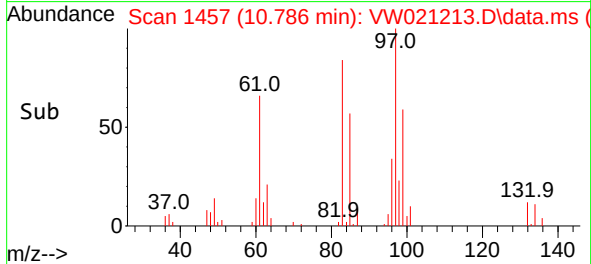


#45
1,1,2-Trichloroethane
Concen: 23.062 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

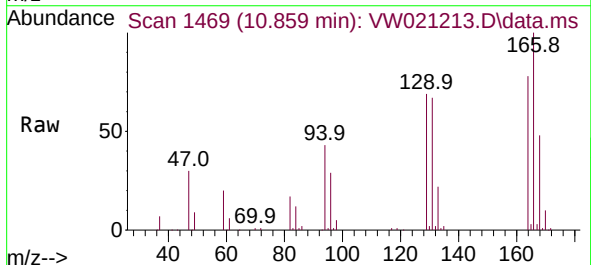
Instrument :
MSVOA_W
ClientSampleId :



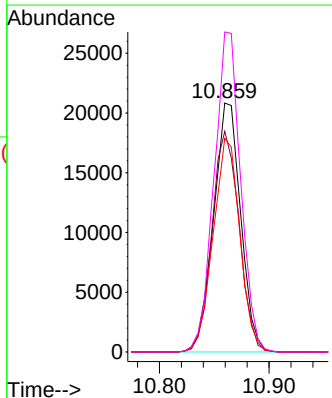
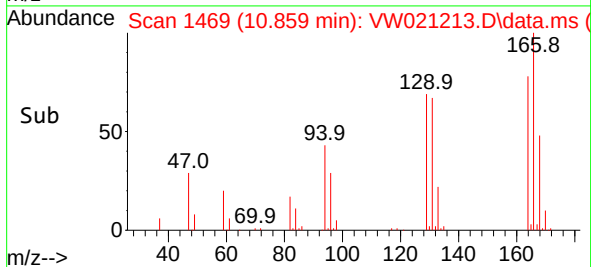
Tgt Ion:	97	Resp:	26268
Ion	Ratio	Lower	Upper
97	100		
99	59.2	43.0	79.8
83	84.3	62.6	116.3
85	56.7	40.0	74.2

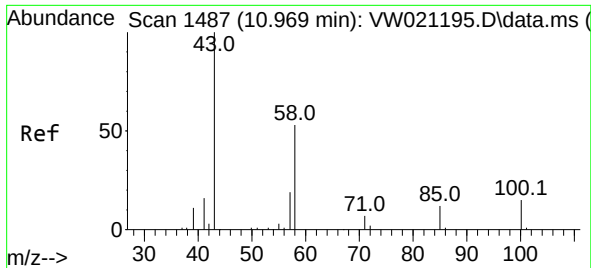


#46
Tetrachloroethene
Concen: 23.614 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41



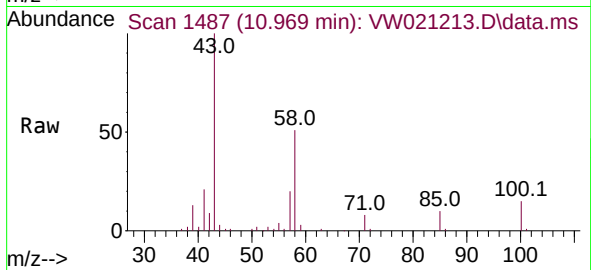
Tgt Ion:	164	Resp:	35858
Ion	Ratio	Lower	Upper
164	100		
129	88.6	65.5	121.7
131	85.8	59.7	110.9
166	128.5	88.7	164.7



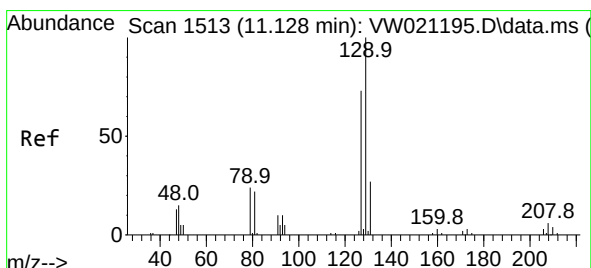
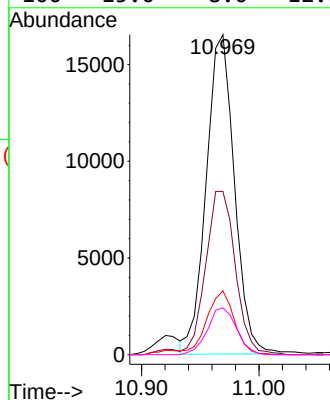
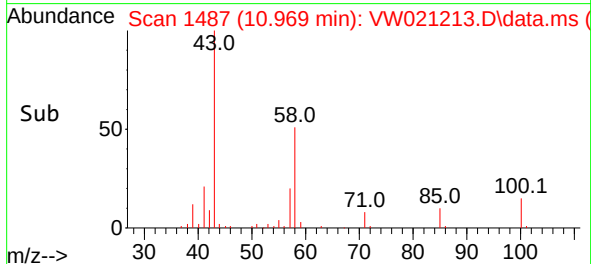


#48
2-Hexanone
Concen: 41.371 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Instrument :
MSVOA_W
ClientSampleId :

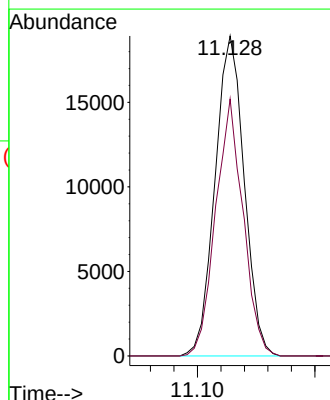
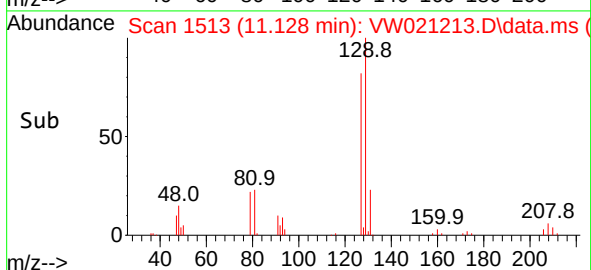
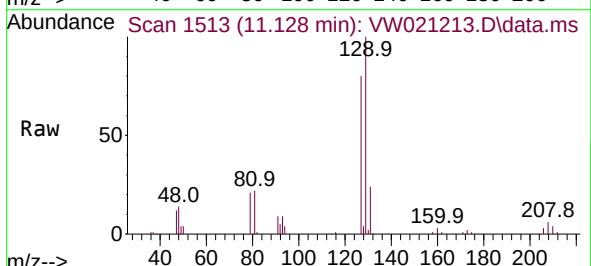


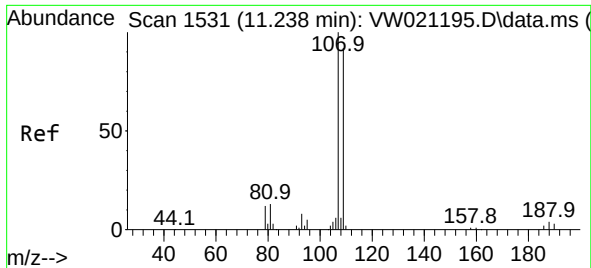
Tgt Ion: 43 Resp: 27621
Ion Ratio Lower Upper
43 100
58 53.8 40.2 60.2
57 19.6 14.3 21.5
100 15.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 22.934 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 129 Resp: 32647
Ion Ratio Lower Upper
129 100
127 80.3 55.7 103.5

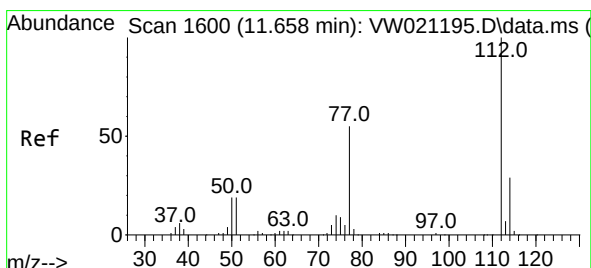
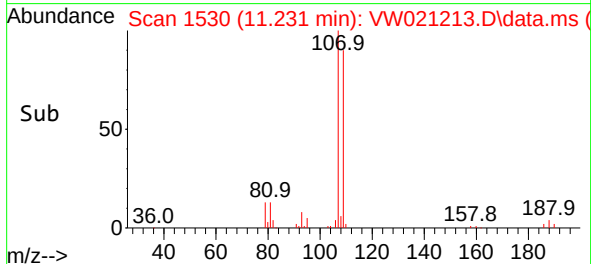
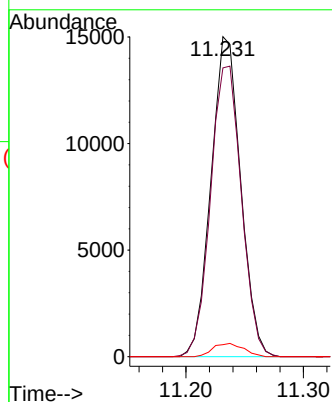
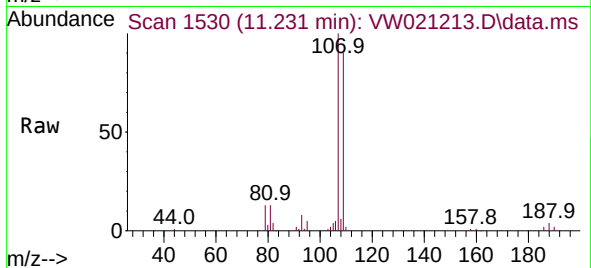




#50
1,2-Dibromoethane
Concen: 22.711 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

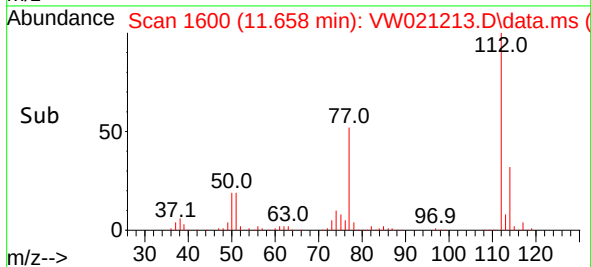
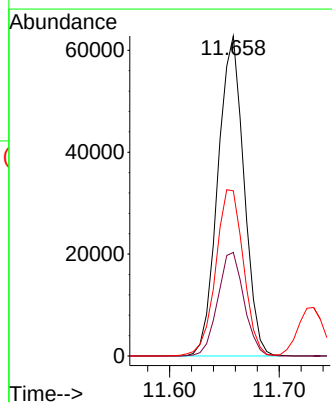
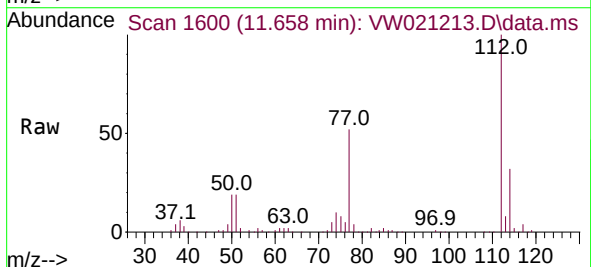
Instrument :
MSVOA_W
ClientSampleId :

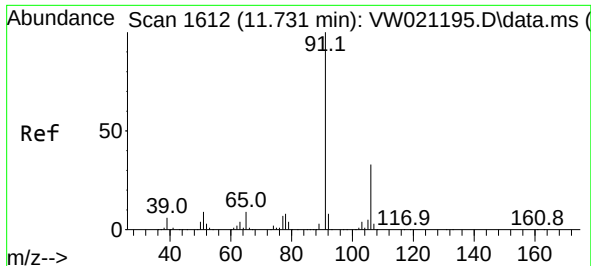
Tgt Ion:107 Resp: 26379
Ion Ratio Lower Upper
107 100
109 90.2 64.1 119.1
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 22.630 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion:112 Resp: 103815
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 51.6 50.2 75.4

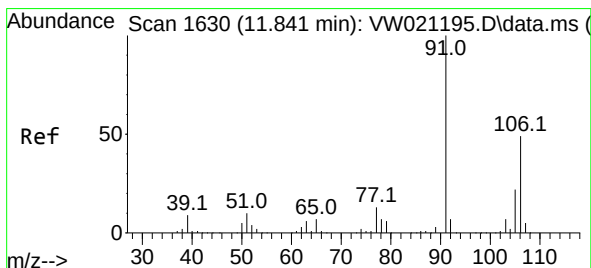
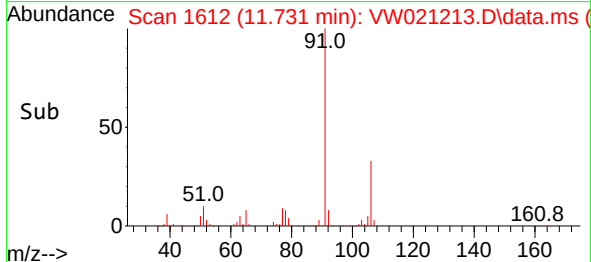
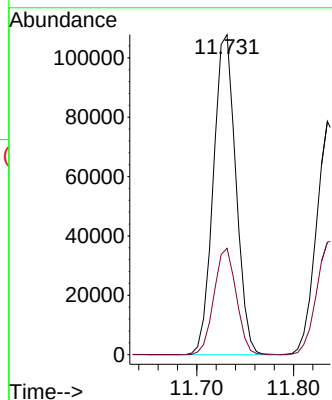
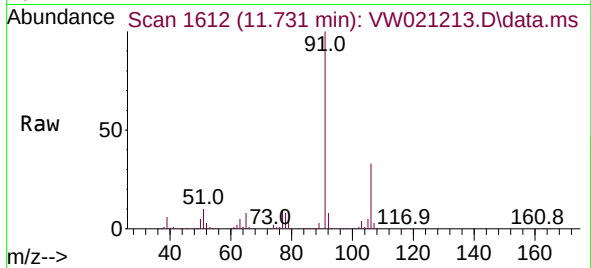




#52
Ethylbenzene
Concen: 22.583 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

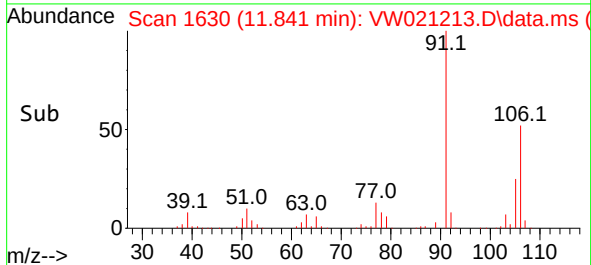
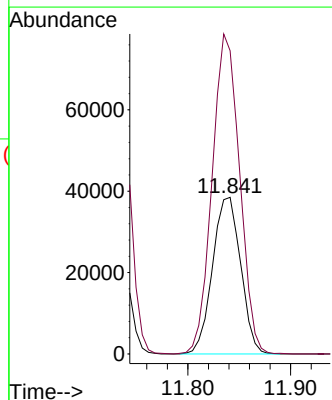
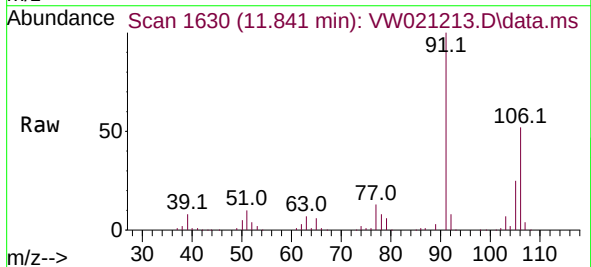
Instrument :
MSVOA_W
ClientSampleId :

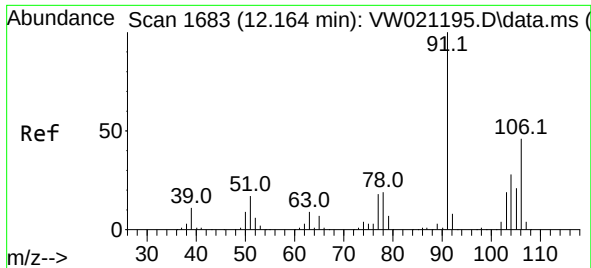
Tgt Ion: 91 Resp: 174543
Ion Ratio Lower Upper
91 100
106 33.3 21.5 39.9



#53
m,p-Xylene
Concen: 22.875 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion:106 Resp: 73139
Ion Ratio Lower Upper
106 100
91 193.7 149.9 278.3

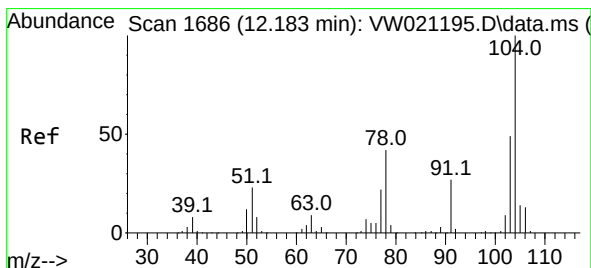
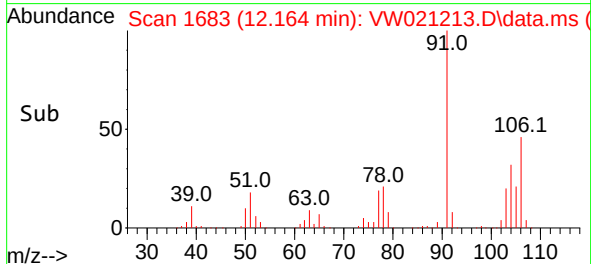
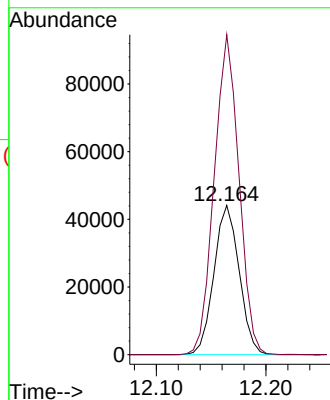
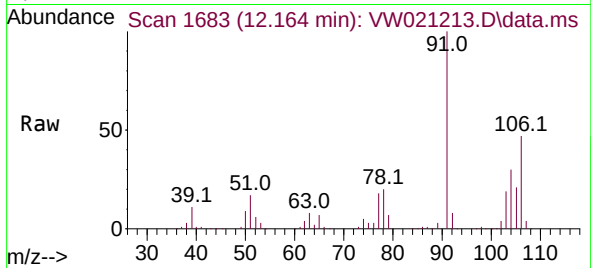




#54
o-Xylene
Concen: 23.413 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

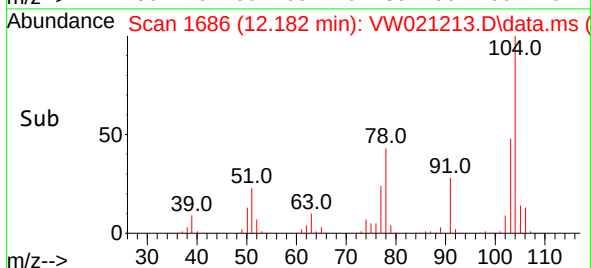
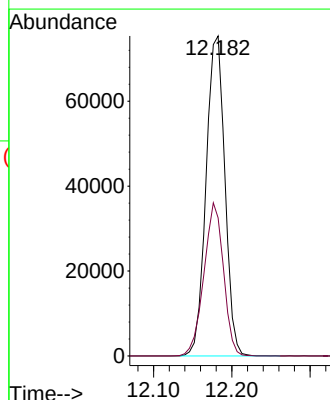
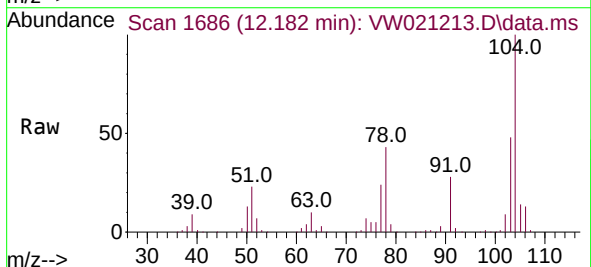
Instrument :
MSVOA_W
ClientSampleId :

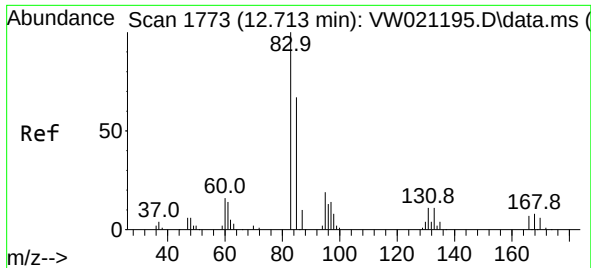
Tgt Ion:106 Resp: 70581
Ion Ratio Lower Upper
106 100
91 214.5 153.6 285.3



#55
Styrene
Concen: 24.403 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion:104 Resp: 125339
Ion Ratio Lower Upper
104 100
78 43.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.307 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021213.D

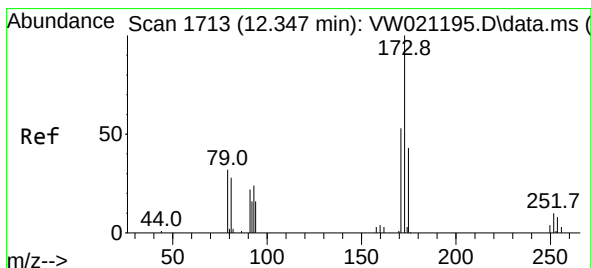
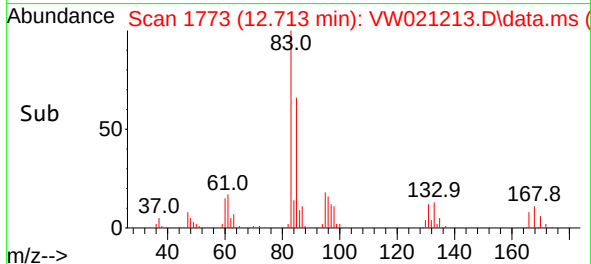
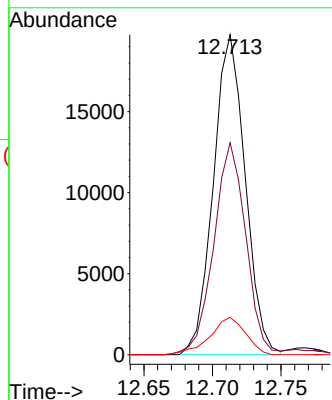
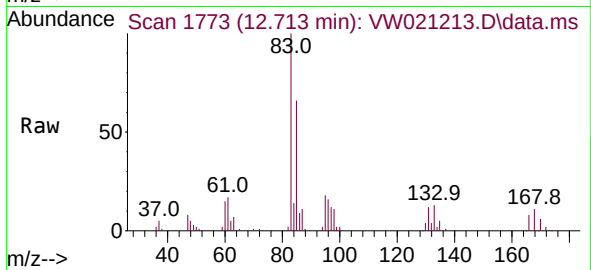
Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	31930
Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.0	81.6
131	11.7	6.9	10.3#



#59

Bromoform

Concen: 21.164 ug/L

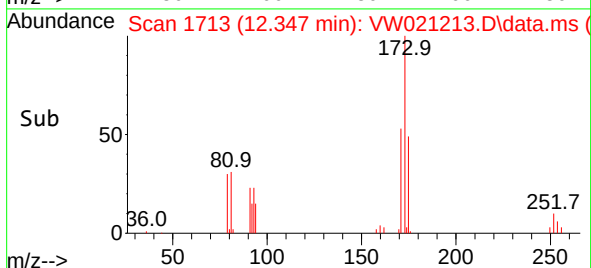
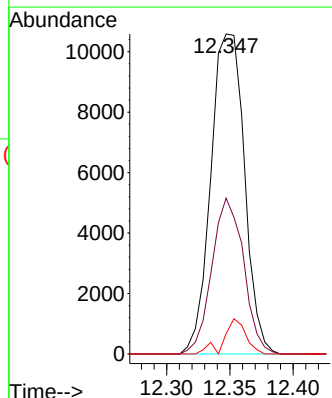
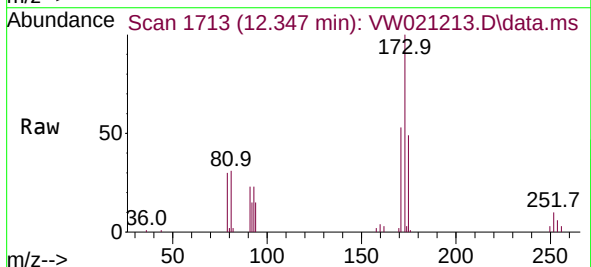
RT: 12.347 min Scan# 1713

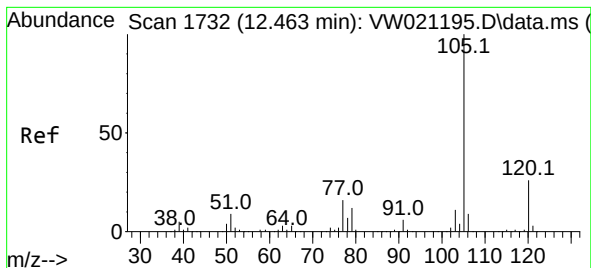
Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Tgt Ion:	173	Resp:	19604
Ion	Ratio	Lower	Upper
173	100		
175	45.9	39.6	59.4
254	6.2	7.4	11.0#

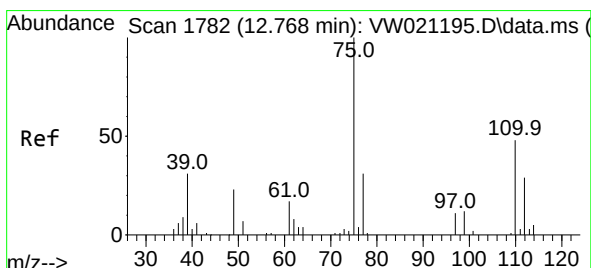
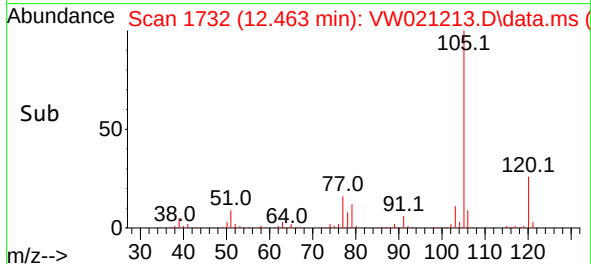
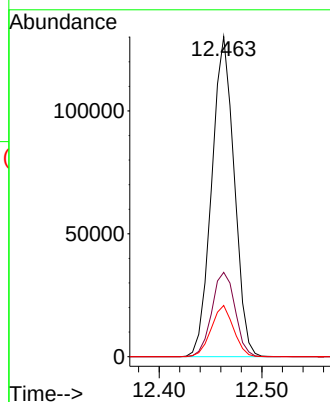
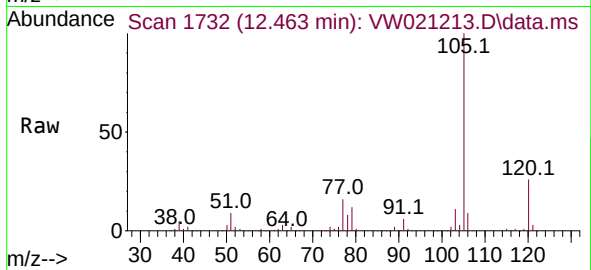




#60
Isopropylbenzene
Concen: 21.973 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

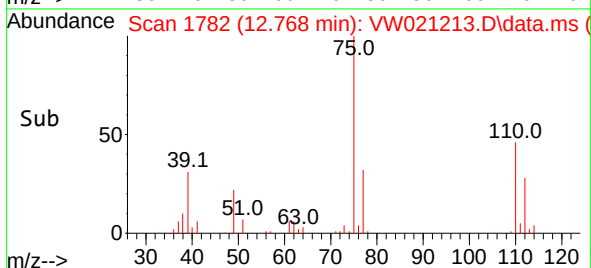
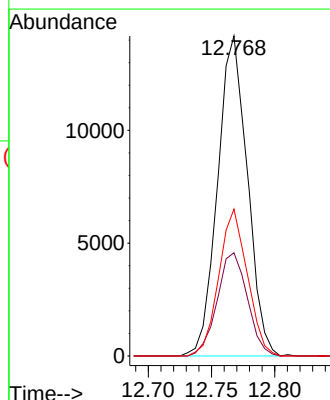
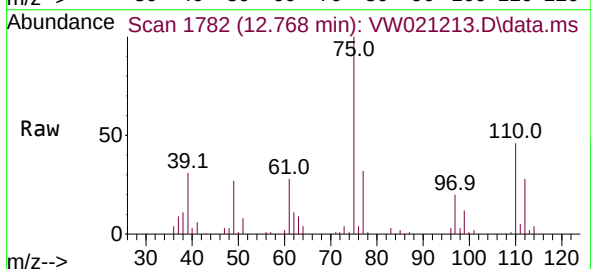
Instrument :
MSVOA_W
ClientSampleId :

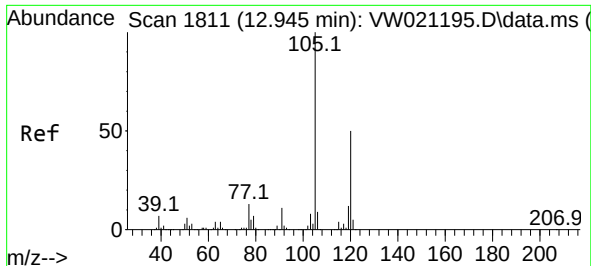
Tgt Ion:105 Resp: 198351
Ion Ratio Lower Upper
105 100
120 27.2 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 21.316 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion: 75 Resp: 23193
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 44.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.856 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

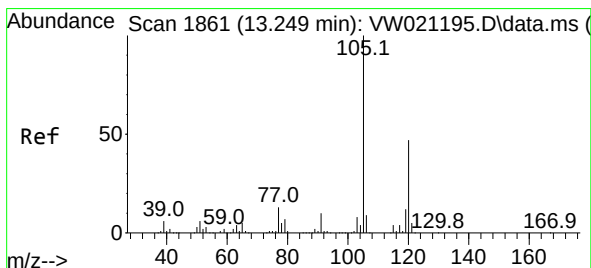
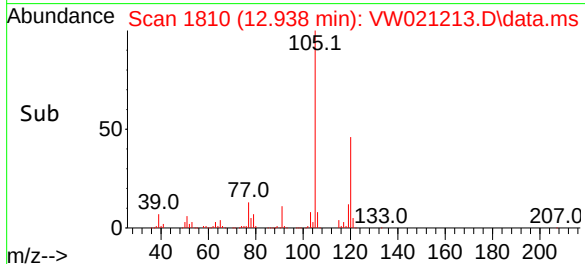
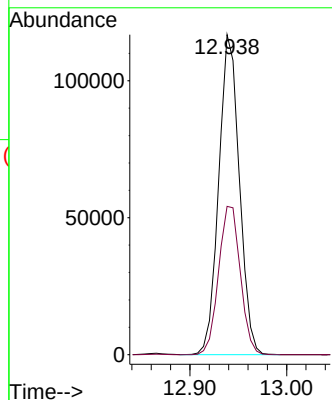
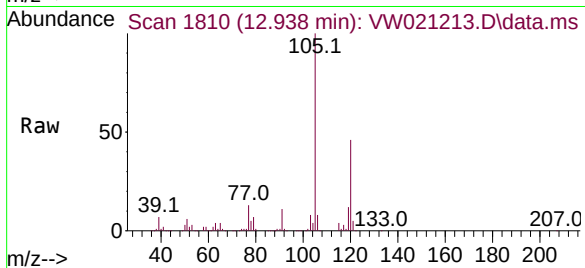
ClientSampleId :

Tgt Ion:105 Resp: 172782

Ion Ratio Lower Upper

105 100

120 48.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.556 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021213.D

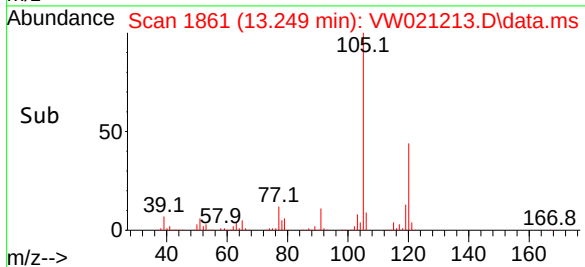
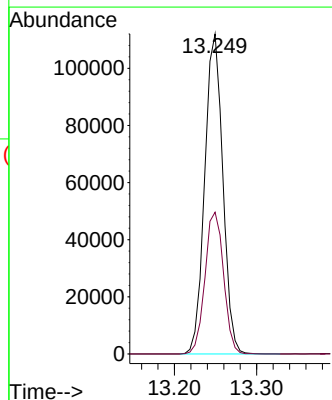
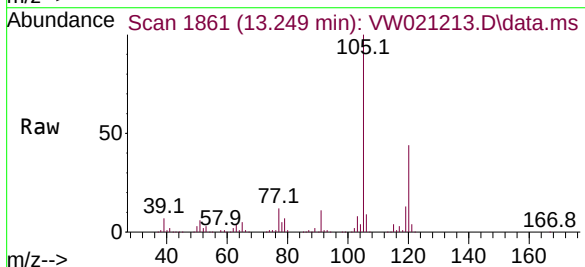
Acq: 07 Dec 2021 18:41

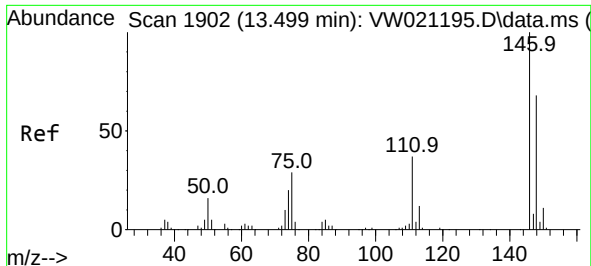
Tgt Ion:105 Resp: 171497

Ion Ratio Lower Upper

105 100

120 45.5 35.0 52.6

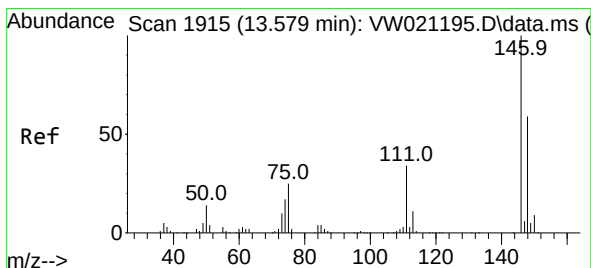
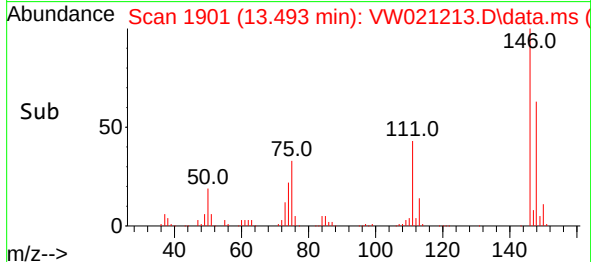
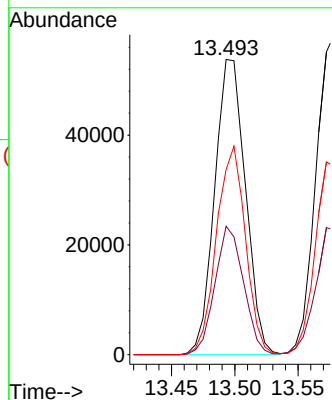
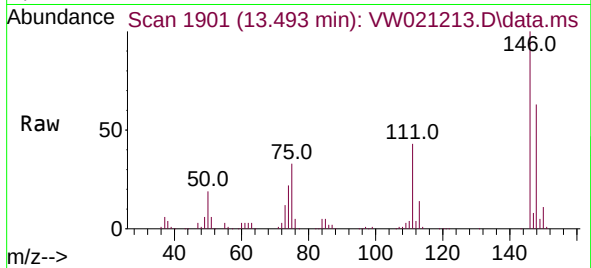




#64
1,3-Dichlorobenzene
Concen: 21.443 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

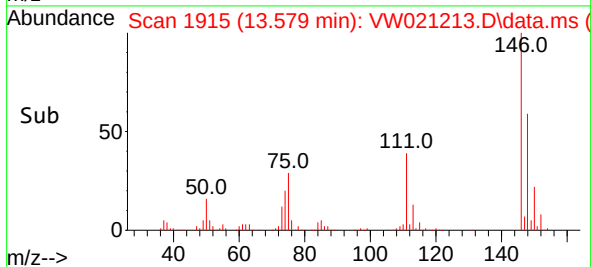
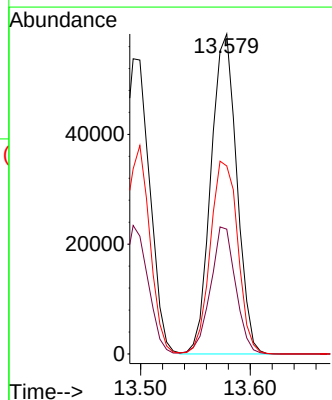
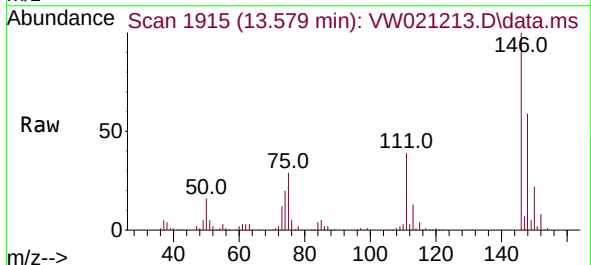
Instrument :
MSVOA_W
ClientSampleId :

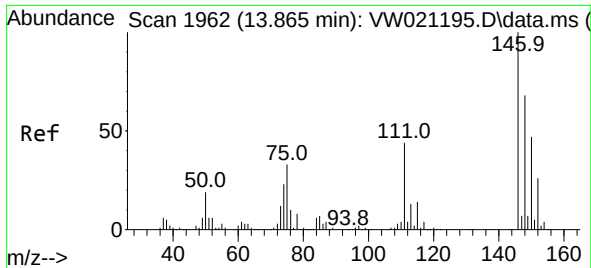
Tgt Ion:146 Resp: 91143
Ion Ratio Lower Upper
146 100
111 43.5 29.8 55.3
148 62.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.256 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion:146 Resp: 95607
Ion Ratio Lower Upper
146 100
111 39.0 29.0 53.9
148 58.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.686 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

ClientSampleId :

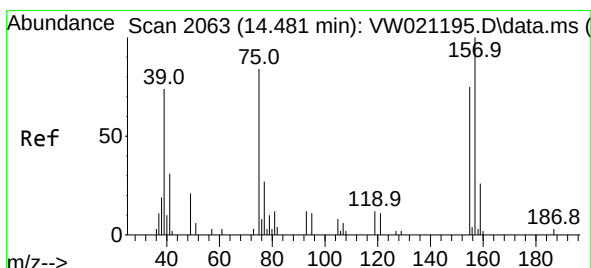
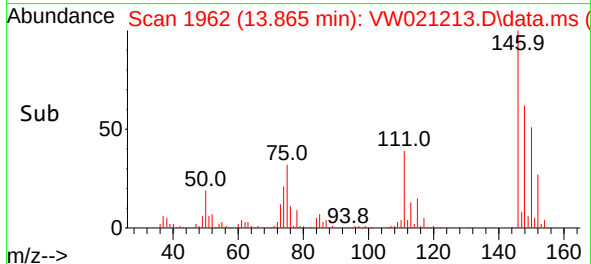
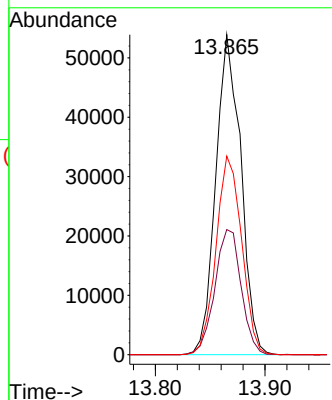
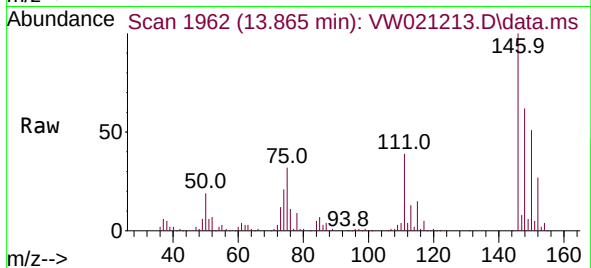
Tgt Ion:146 Resp: 85854

Ion Ratio Lower Upper

146 100

111 39.1 33.1 49.7

148 62.0 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 19.833 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

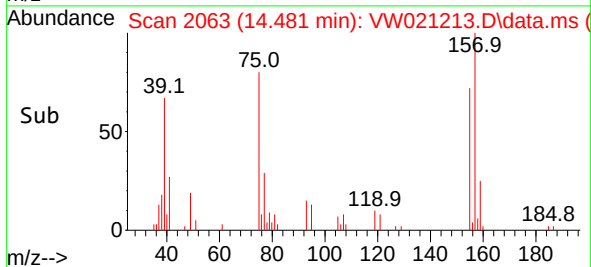
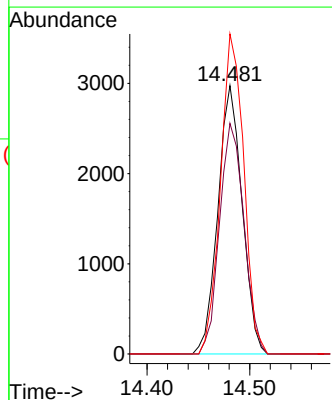
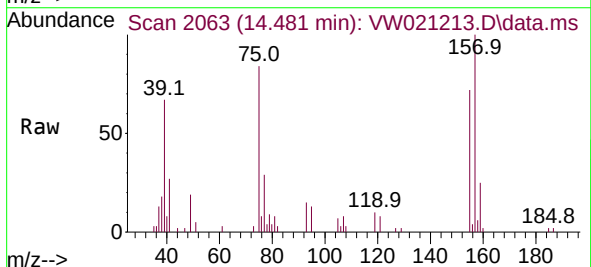
Tgt Ion: 75 Resp: 4873

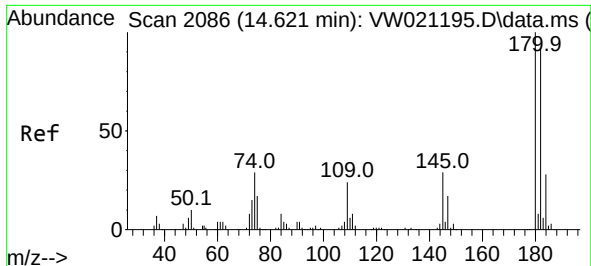
Ion Ratio Lower Upper

75 100

155 85.9 54.2 81.2#

157 119.2 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 22.288 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

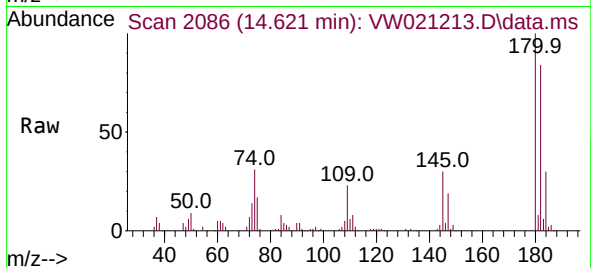
Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 69625

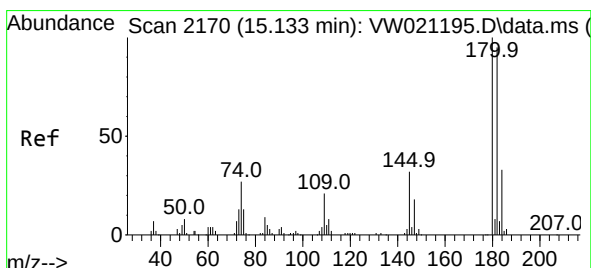
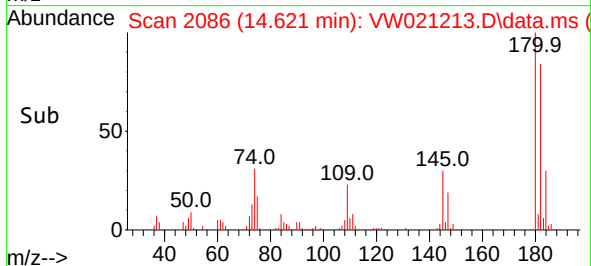
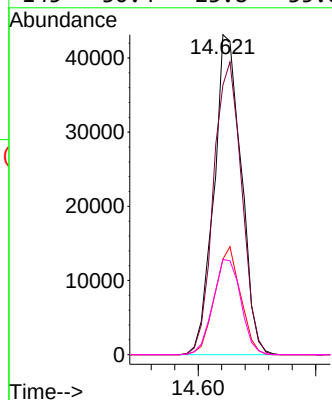
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

184 31.8 23.8 35.8

145 30.4 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.217 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021213.D

Acq: 07 Dec 2021 18:41

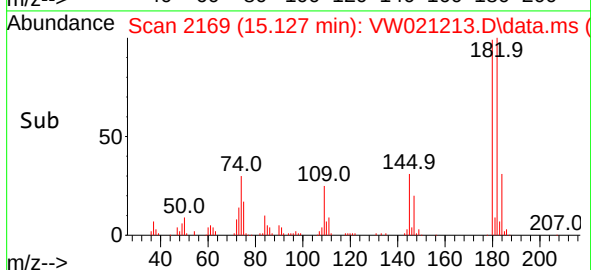
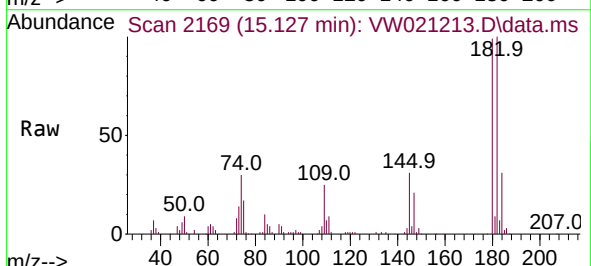
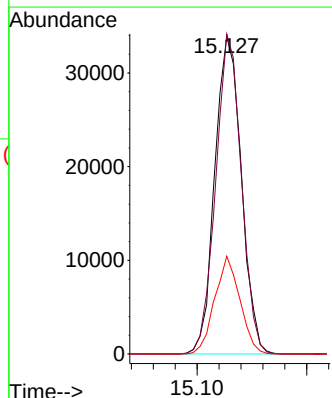
Tgt Ion:180 Resp: 57030

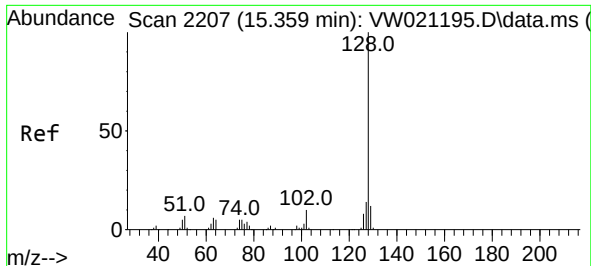
Ion Ratio Lower Upper

180 100

182 97.3 79.0 118.6

145 29.2 26.0 39.0

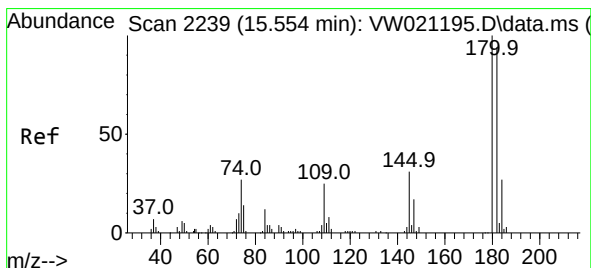
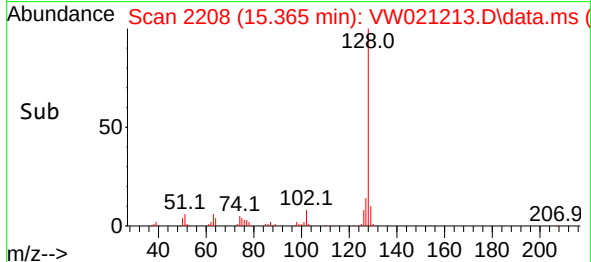
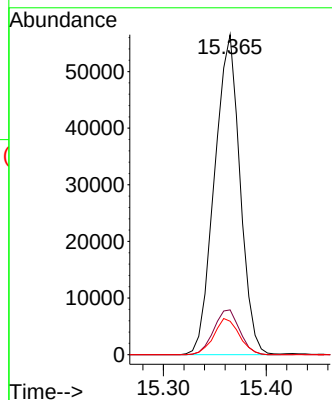
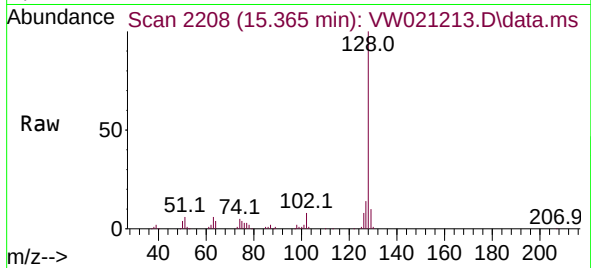




#71
Naphthalene
Concen: 20.389 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 97295
Ion Ratio Lower Upper
128 100
127 14.2 10.7 16.1
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.771 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021213.D
Acq: 07 Dec 2021 18:41

Tgt Ion:180 Resp: 48773
Ion Ratio Lower Upper
180 100
182 97.1 76.6 114.8
145 30.4 27.4 41.0

