

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021088.D
 Acq On : 04 Dec 2021 01:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:44:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107788	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	102640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	56722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38552	25.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.680%	
7) Chloroethane-d5	2.885	69	26338	26.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.800%	
11) 1,1-Dichloroethene-d2	4.019	63	59592	24.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.360%	
21) 2-Butanone-d5	7.080	46	16439	47.990	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.980%	
24) Chloroform-d	7.653	84	70762	26.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.840%	
26) 1,2-Dichloroethane-d4	8.311	65	37877	25.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.600%	
32) Benzene-d6	8.275	84	132942	25.332	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.320%	
36) 1,2-Dichloropropane-d6	9.275	67	37818	25.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.720%	
41) Toluene-d8	10.323	98	132067	24.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.160%	
43) trans-1,3-Dichloroprop...	10.579	79	16588	25.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.200%	
47) 2-Hexanone-d5	10.927	63	12987	46.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.080%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33126	24.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.200%	
66) 1,2-Dichlorobenzene-d4	13.853	152	51804	25.490	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.960%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	9651	18.331	ug/L	96
3) Chloromethane	2.215	50	27338	23.194	ug/L	100
5) Vinyl chloride	2.361	62	47541	23.218	ug/L	95
6) Bromomethane	2.776	94	30347	22.290	ug/L	99
8) Chloroethane	2.922	64	20306	23.795	ug/L	97
9) Trichlorofluoromethane	3.263	101	22513	22.770	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33563	21.688	ug/L	93
12) 1,1-Dichloroethene	4.050	96	31366	22.419	ug/L	72
13) Acetone	4.135	43	10802	34.619	ug/L	94
14) Carbon disulfide	4.391	76	90219	23.232	ug/L	97
15) Methyl Acetate	4.678	43	12436	21.981	ug/L	# 88
16) Methylene chloride	4.916	84	33219	19.562	ug/L	85
17) trans-1,2-Dichloroethene	5.434	96	34415	23.103	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	52687	23.434	ug/L	95
19) 1,1-Dichloroethane	6.220	63	55422	23.463	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	36798	23.284	ug/L	76
22) 2-Butanone	7.171	43	16862	39.049	ug/L	86
23) Bromochloromethane	7.519	128	17696	23.931	ug/L	# 68
25) Chloroform	7.677	83	62001	23.383	ug/L	99

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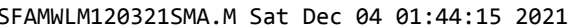
Instrument :
 MSVOA_W
 ClientSampleId :

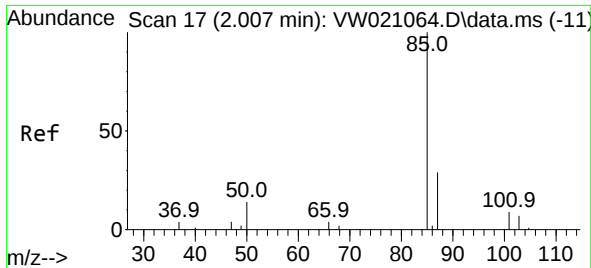
Quant Time: Dec 04 01:44:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	41513	23.933	ug/L #	95
29) Cyclohexane	7.958	56	49469	21.847	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	54977	22.973	ug/L	95
31) Carbon tetrachloride	8.074	117	51406	23.116	ug/L	99
33) Benzene	8.323	78	133301	22.838	ug/L	100
34) Trichloroethene	9.092	95	36842	22.879	ug/L	91
35) Methylcyclohexane	9.335	83	60348	22.265	ug/L #	86
37) 1,2-Dichloropropane	9.372	63	30905	23.427	ug/L #	97
38) Bromodichloromethane	9.646	83	43611	23.517	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	50697	23.759	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	38395	42.723	ug/L #	91
42) Toluene	10.390	91	153235	22.985	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	44840	23.226	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25926	23.441	ug/L	93
46) Tetrachloroethene	10.866	164	34428	23.349	ug/L	88
48) 2-Hexanone	10.969	43	26678	41.150	ug/L #	94
49) Dibromochloromethane	11.128	129	32515	23.522	ug/L	96
50) 1,2-Dibromoethane	11.231	107	26081	23.124	ug/L	95
51) Chlorobenzene	11.658	112	101541	22.795	ug/L #	89
52) Ethylbenzene	11.731	91	169185	22.542	ug/L	99
53) m,p-Xylene	11.841	106	67344	21.690	ug/L	100
54) o-Xylene	12.164	106	66384	22.678	ug/L	97
55) Styrene	12.183	104	113044	22.666	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	30638	23.031	ug/L #	99
59) Bromoform	12.347	173	18676	23.088	ug/L	98
60) Isopropylbenzene	12.463	105	177153	22.473	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21616	22.749	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	155528	23.559	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	157816	23.769	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	87556	23.589	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	87513	23.328	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	78277	23.685	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4860	22.651	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	64575	23.672	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	54369	24.255	ug/L	92
71) Naphthalene	15.365	128	99242	23.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	45165	23.087	ug/L	99

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

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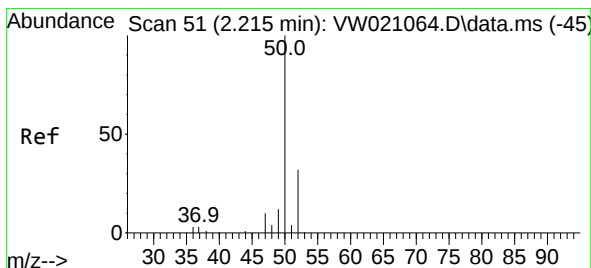
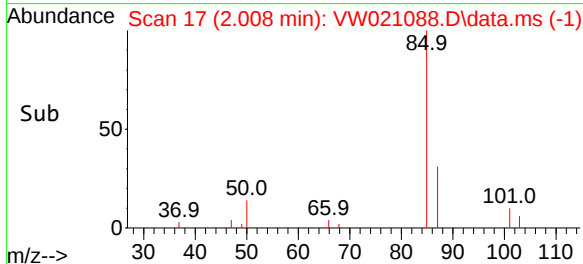
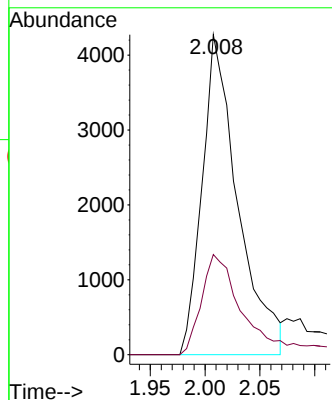
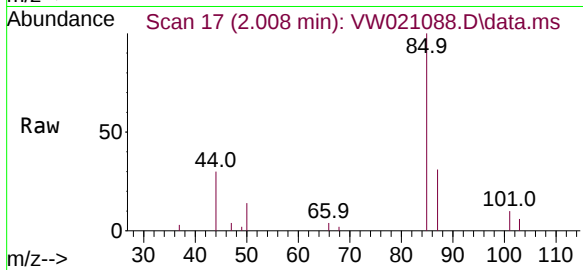




#2
 Dichlorodifluoromethane
 Concen: 18.331 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021088.D
 Acq: 04 Dec 2021 01:16

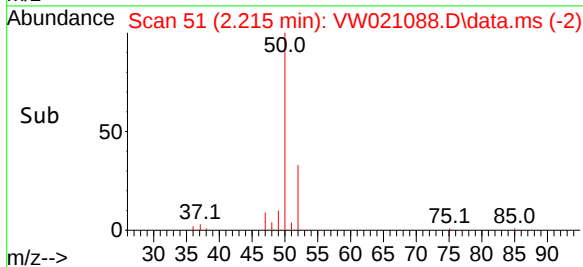
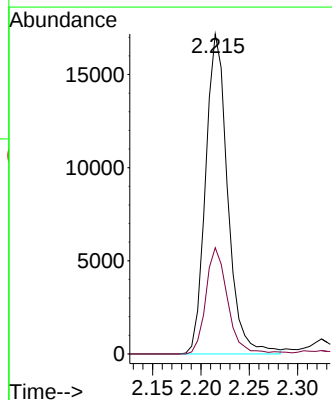
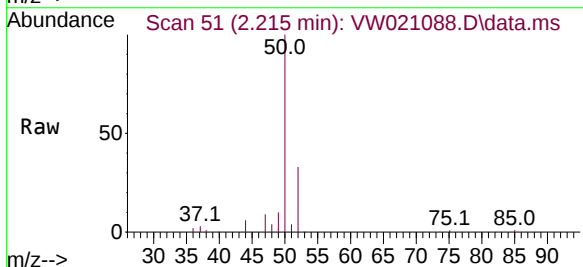
Instrument :
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 ClientSampleId :

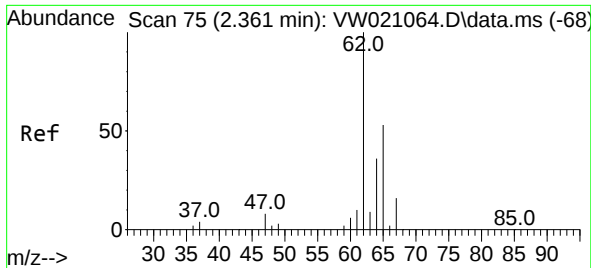
Tgt Ion: 85 Resp: 9651
 Ion Ratio Lower Upper
 85 100
 87 34.6 25.8 38.6



#3
 Chloromethane
 Concen: 23.194 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021088.D
 Acq: 04 Dec 2021 01:16

Tgt Ion: 50 Resp: 27338
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.6



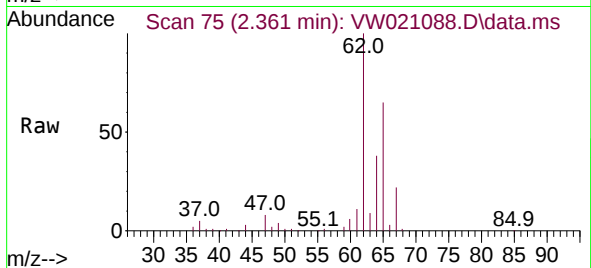


#5
 Vinyl chloride
 Concen: 23.218 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021088.D
 Acq: 04 Dec 2021 01:16

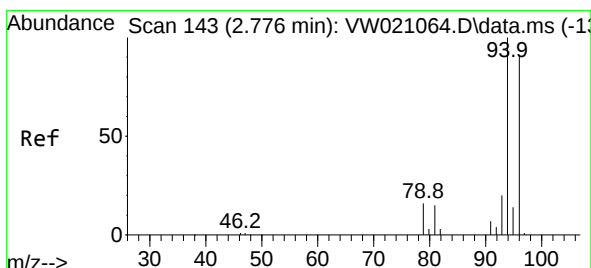
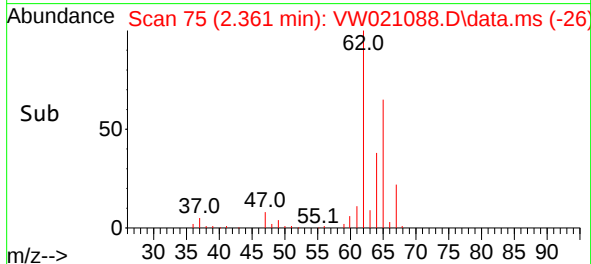
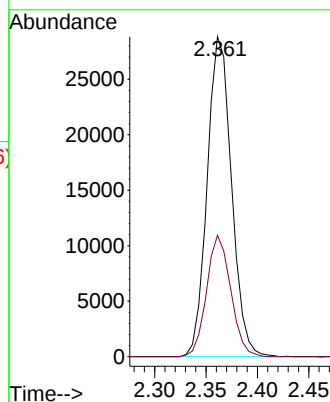
Instrument :

MSVOA_W

ClientSampleId :

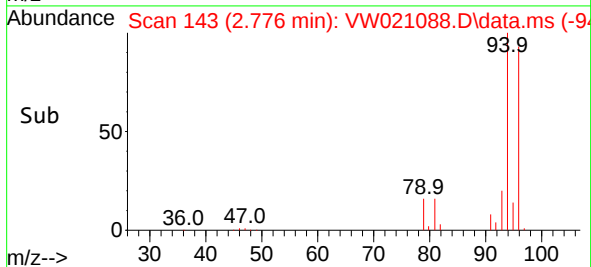
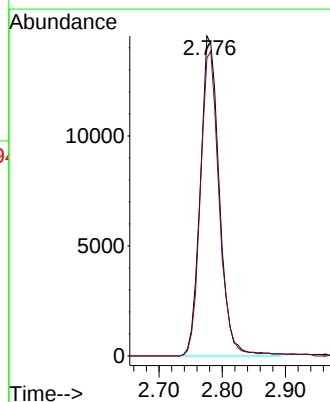
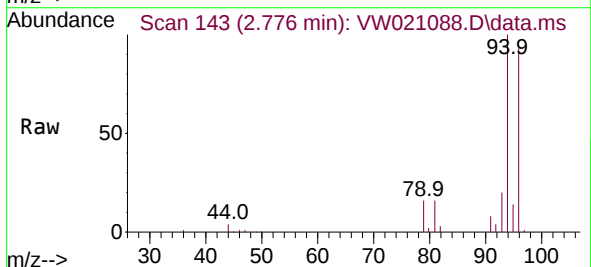


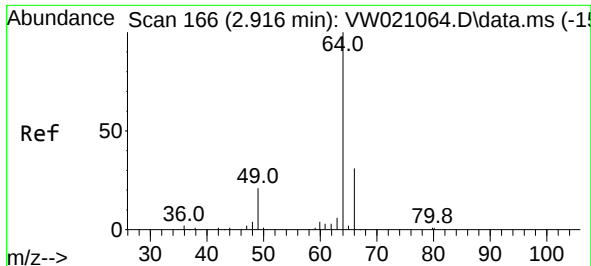
Tgt Ion: 62 Resp: 47541
 Ion Ratio Lower Upper
 62 100
 64 37.9 24.4 45.2



#6
 Bromomethane
 Concen: 22.290 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021088.D
 Acq: 04 Dec 2021 01:16

Tgt Ion: 94 Resp: 30347
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.4

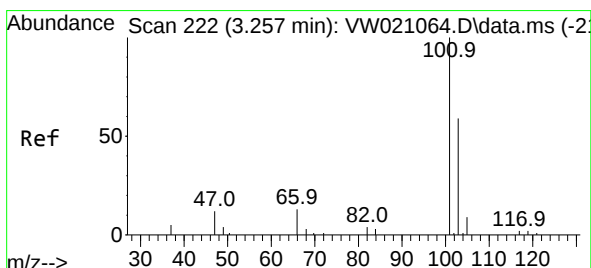
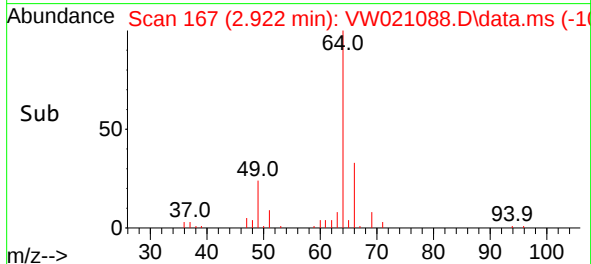
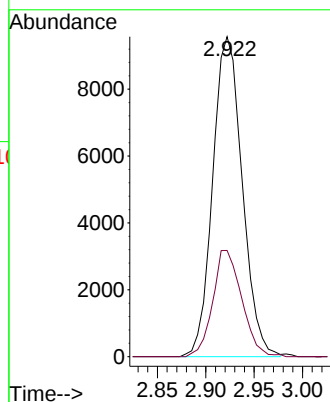
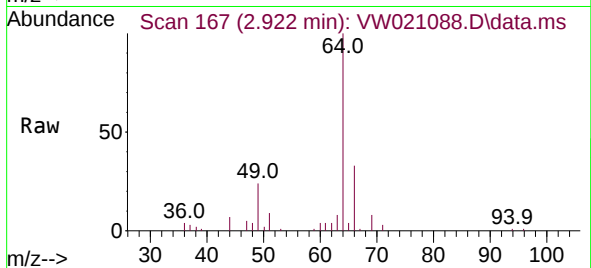




#8
Chloroethane
Concen: 23.795 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

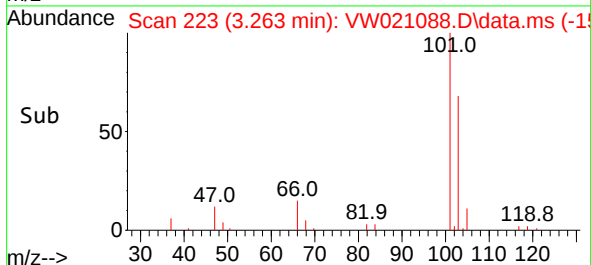
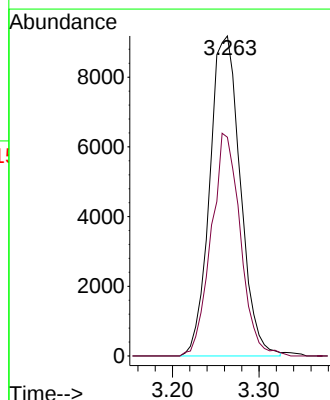
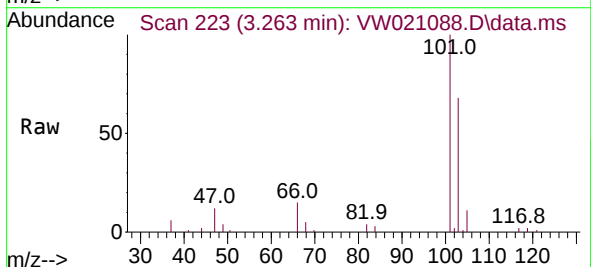
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MSVOA_W
ClientSampleId :

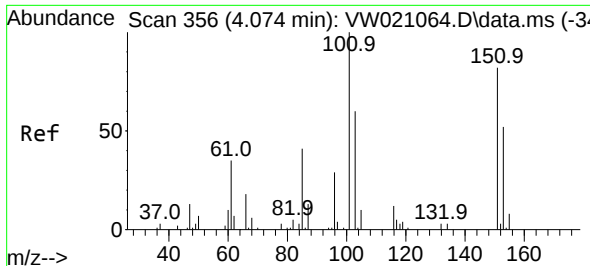
Tgt Ion: 64 Resp: 20306
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.770 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion:101 Resp: 22513
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.2





#10

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

Concen: 21.688 ug/L

RT: 4.062 min Scan# 31

Delta R.T. -0.012 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

ClientSampleId :

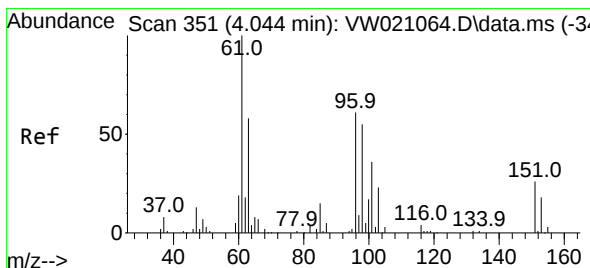
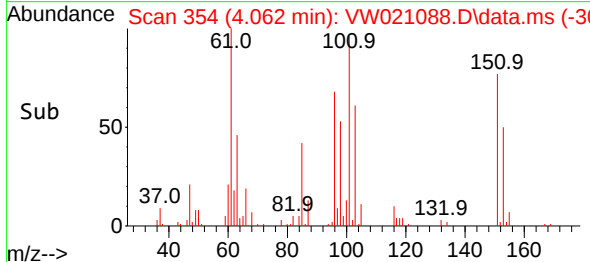
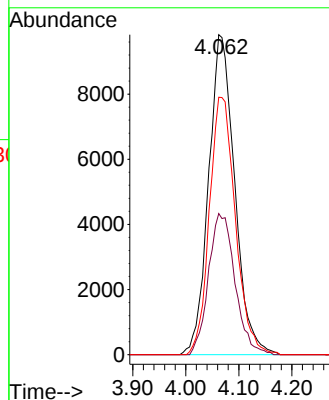
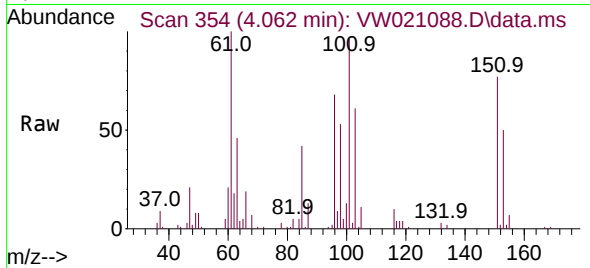
Tgt Ion:101 Resp: 33563

Ion Ratio Lower Upper

101 100

85 44.7 36.6 54.8

151 80.3 57.4 86.0



#12

1,1-Dichloroethene

Concen: 22.419 ug/L

RT: 4.050 min Scan# 352

Delta R.T. 0.006 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

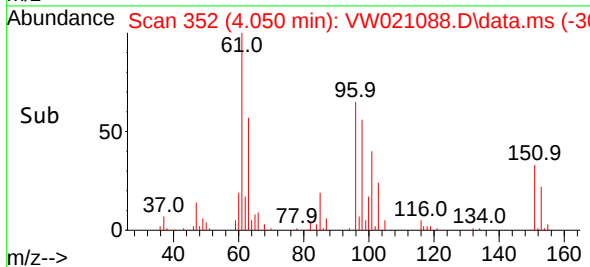
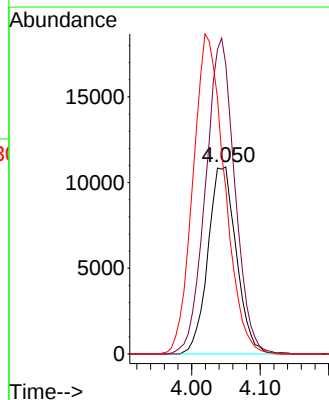
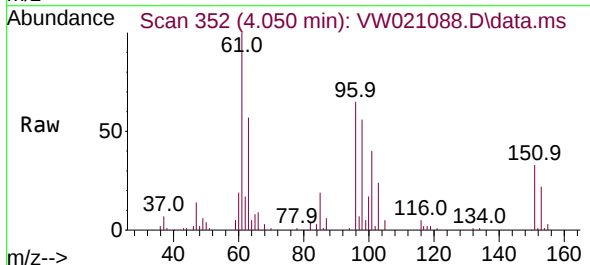
Tgt Ion: 96 Resp: 31366

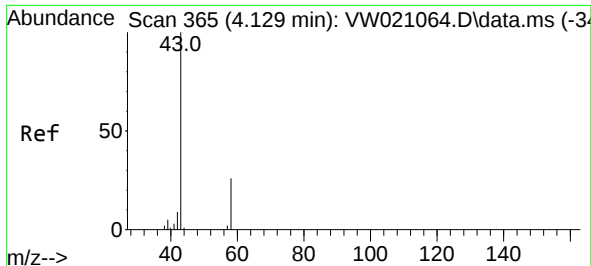
Ion Ratio Lower Upper

96 100

61 154.8 138.3 256.9

63 88.6 82.6 153.4

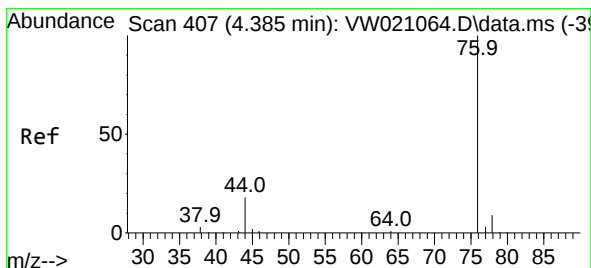
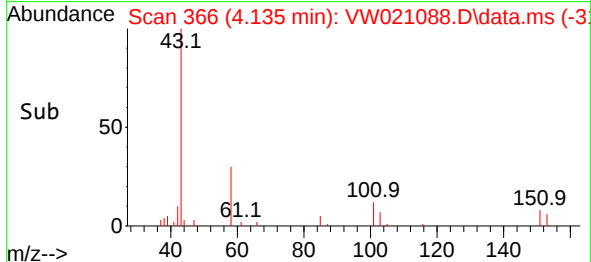
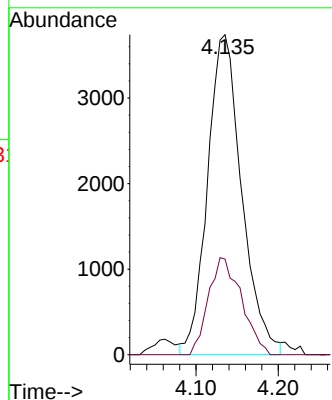
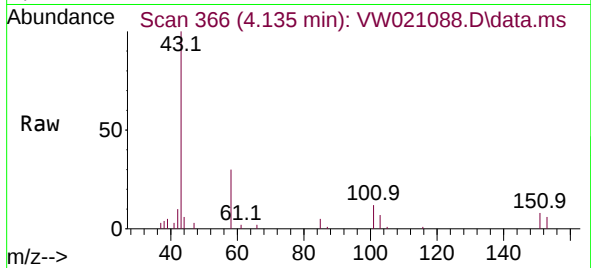




#13
Acetone
Concen: 34.619 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

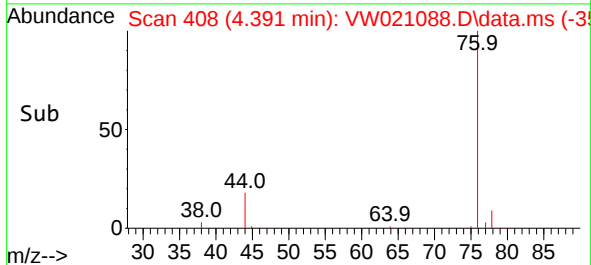
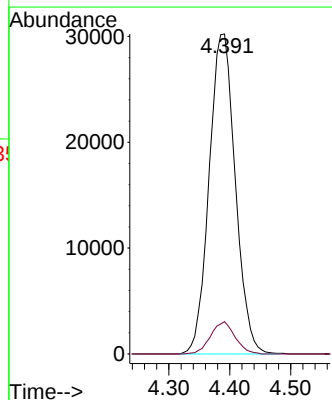
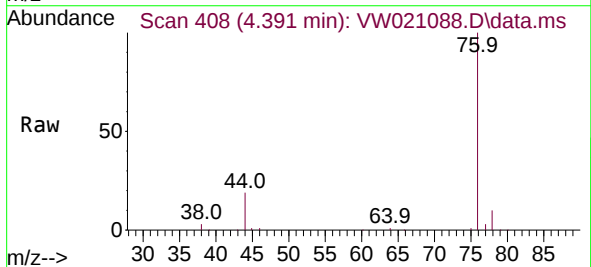
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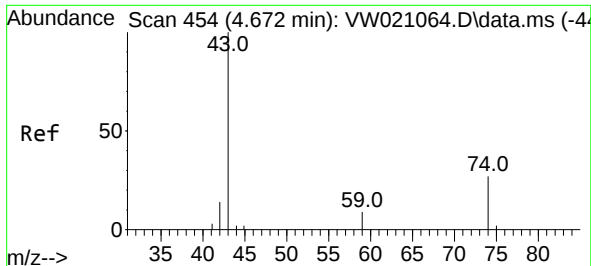
Tgt Ion: 43 Resp: 10802
Ion Ratio Lower Upper
43 100
58 29.3 0.0 52.8



#14
Carbon disulfide
Concen: 23.232 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion: 76 Resp: 90219
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

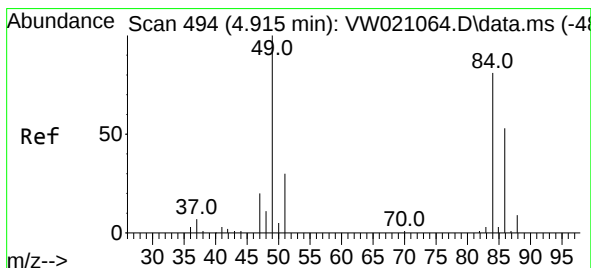
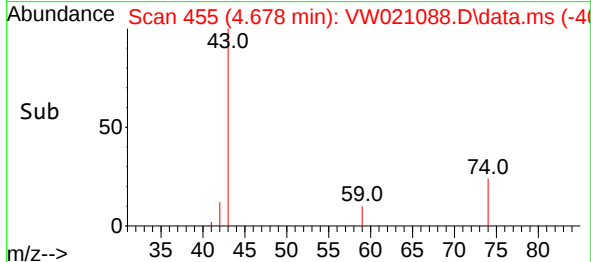
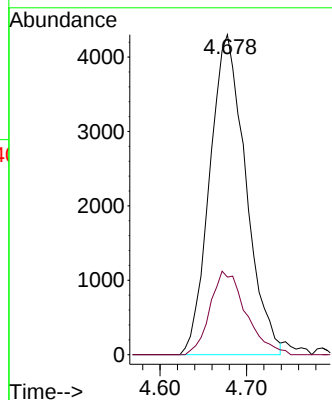
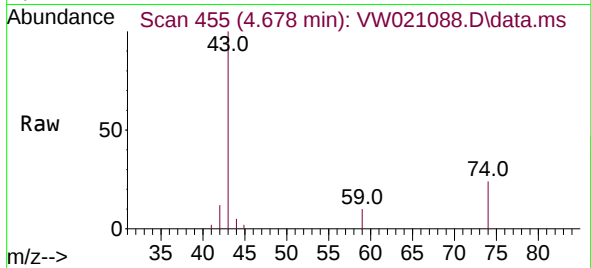




#15
Methyl Acetate
Concen: 21.981 ug/L
RT: 4.678 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

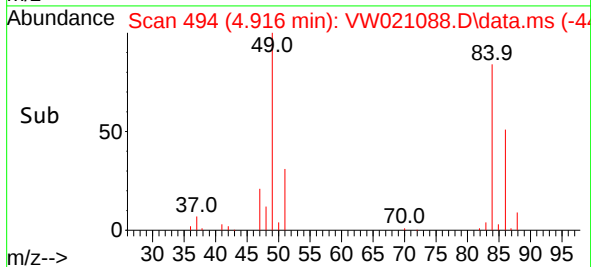
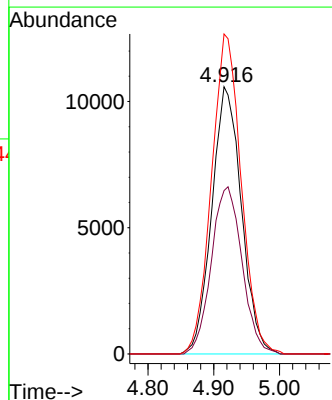
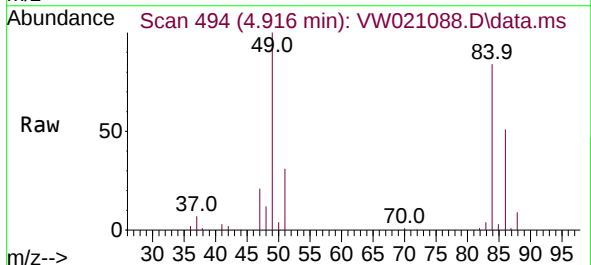
Instrument :
MSVOA_W
ClientSampleId :

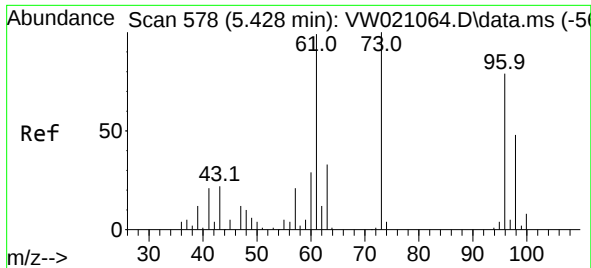
Tgt Ion: 43 Resp: 12436
Ion Ratio Lower Upper
43 100
74 25.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.562 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion: 84 Resp: 33219
Ion Ratio Lower Upper
84 100
86 61.1 45.5 84.5
49 119.7 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.103 ug/L

RT: 5.434 min Scan# 5

Delta R.T. 0.006 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

ClientSampleId :

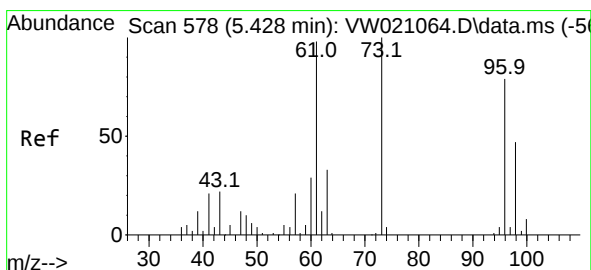
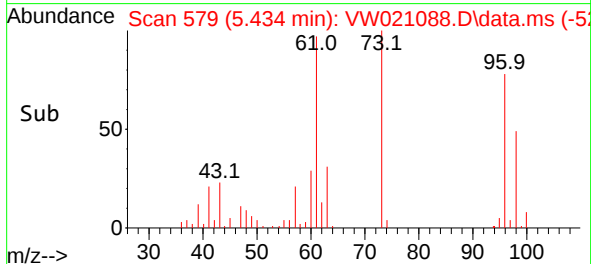
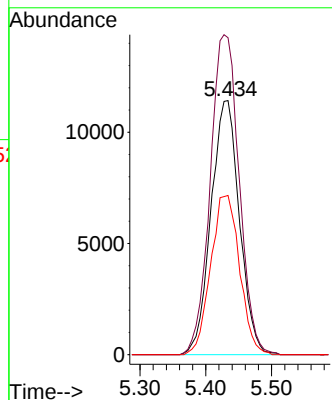
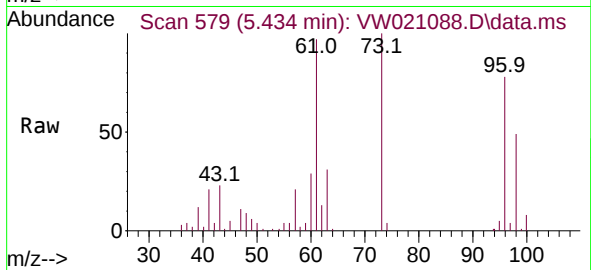
Tgt Ion: 96 Resp: 34415

Ion Ratio Lower Upper

96 100

61 124.7 107.4 199.4

98 62.6 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 23.434 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

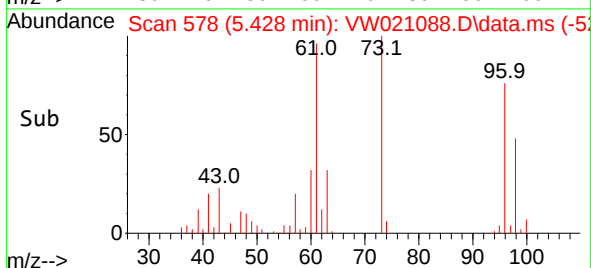
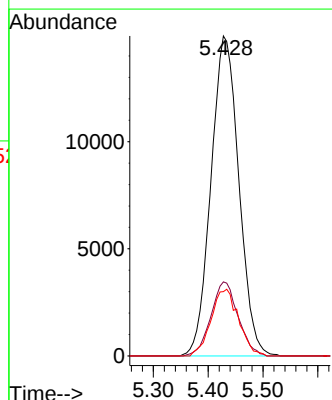
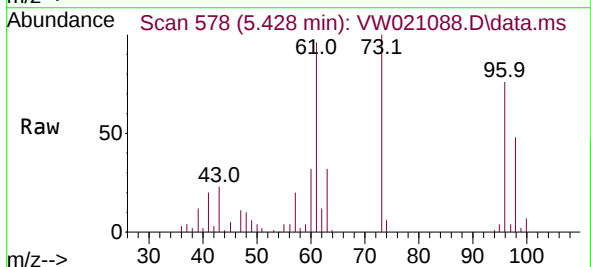
Tgt Ion: 73 Resp: 52687

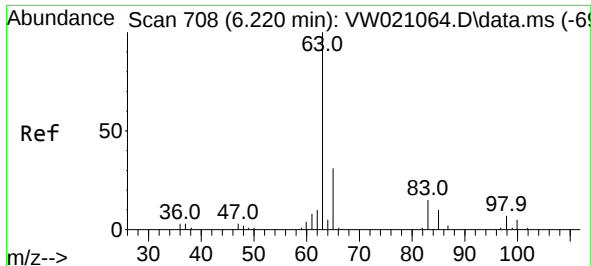
Ion Ratio Lower Upper

73 100

43 22.6 19.5 29.3

57 20.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.463 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021088.D

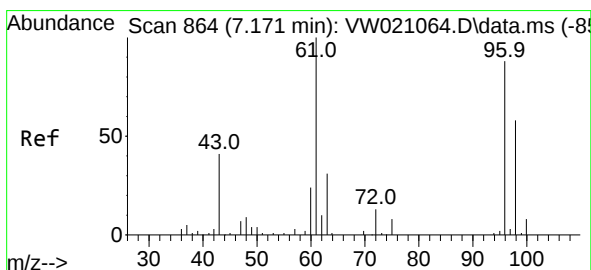
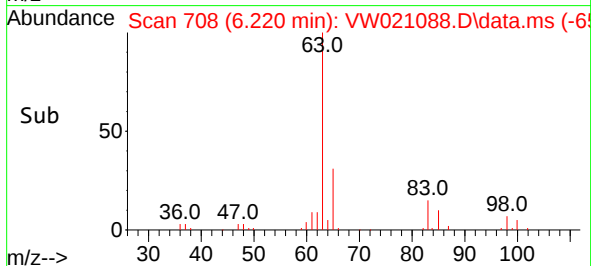
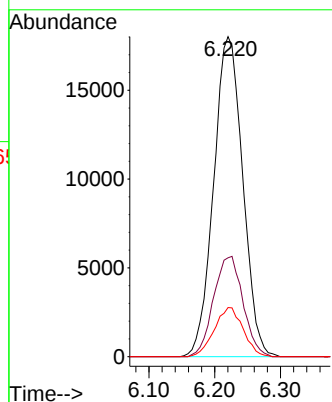
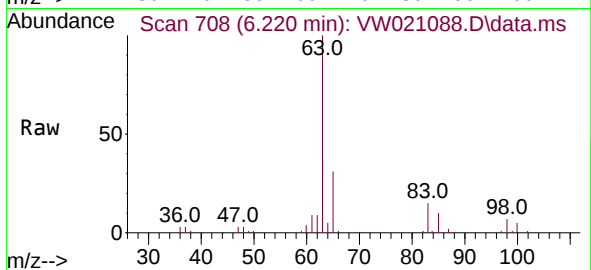
Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	55422
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.1	41.1
83	15.3	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 23.284 ug/L

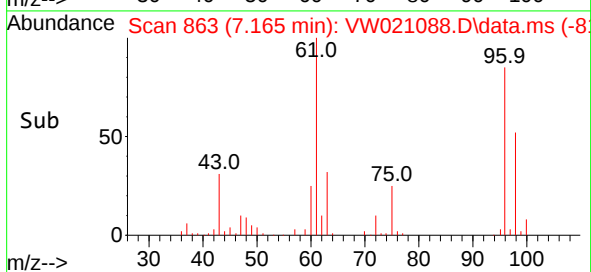
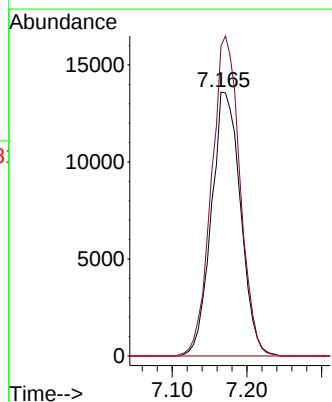
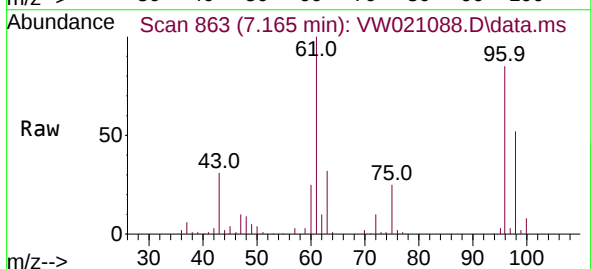
RT: 7.165 min Scan# 863

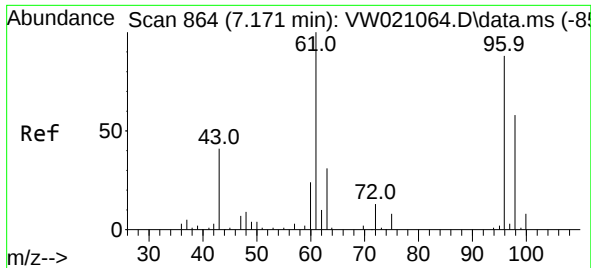
Delta R.T. -0.006 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Tgt Ion:	96	Resp:	36798
Ion	Ratio	Lower	Upper
96	100		
61	117.5	103.7	192.7
68	0.0	0.0	0.0

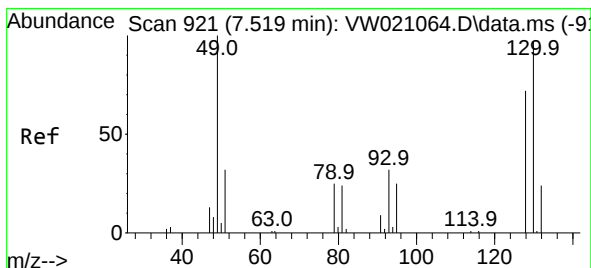
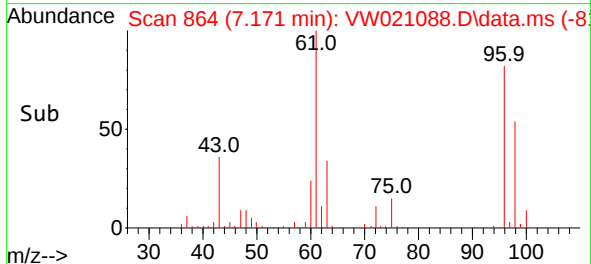
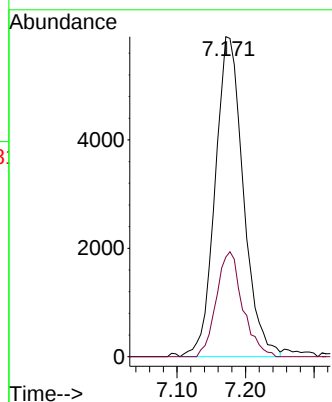
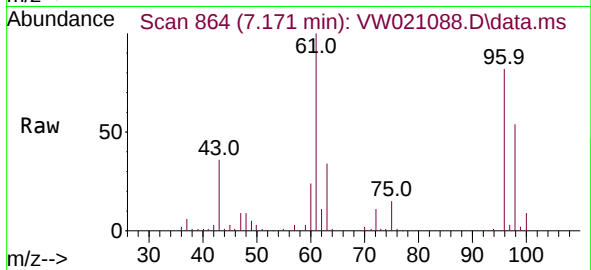




#22
2-Butanone
Concen: 39.049 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

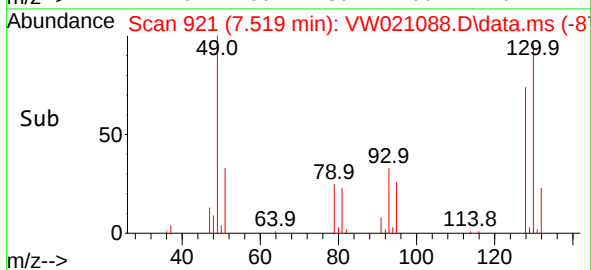
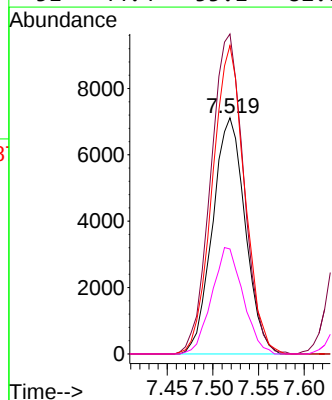
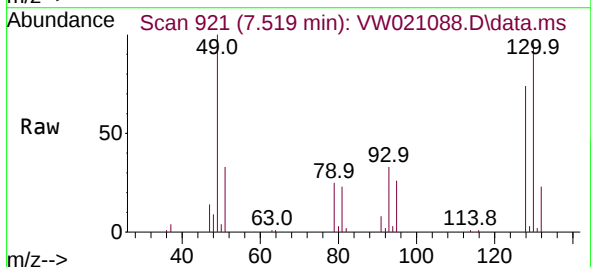
Instrument :
MSVOA_W
ClientSampleId :

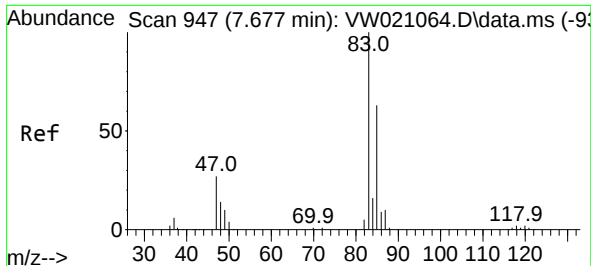
Tgt Ion: 43 Resp: 16862
Ion Ratio Lower Upper
43 100
72 30.5 11.8 35.4



#23
Bromochloromethane
Concen: 23.931 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion: 128 Resp: 17696
Ion Ratio Lower Upper
128 100
49 135.5 150.3 279.1#
130 130.6 88.3 163.9
51 44.4 55.1 82.7#

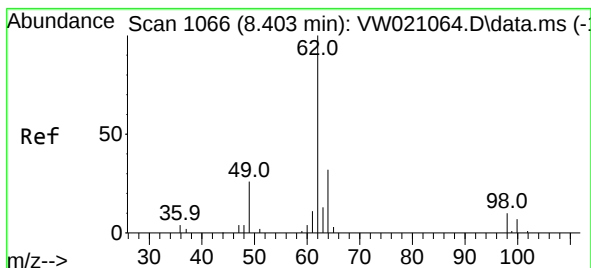
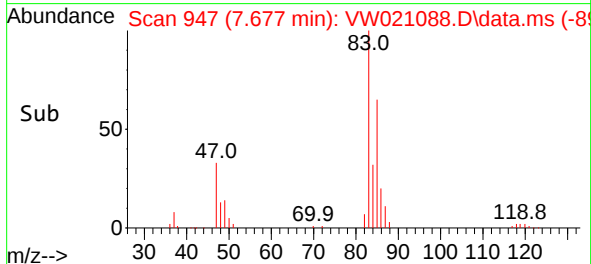
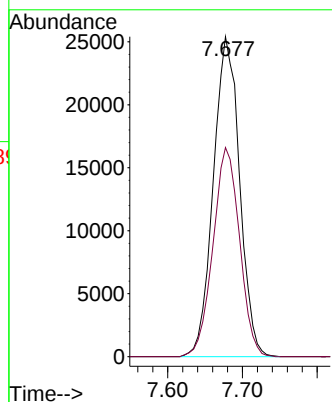
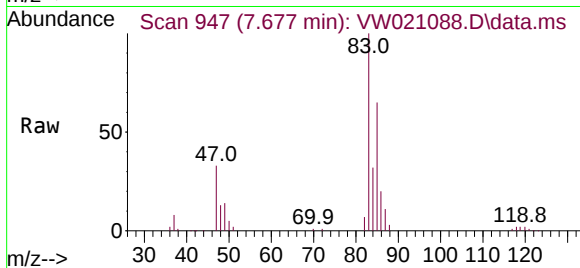




#25
Chloroform
Concen: 23.383 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

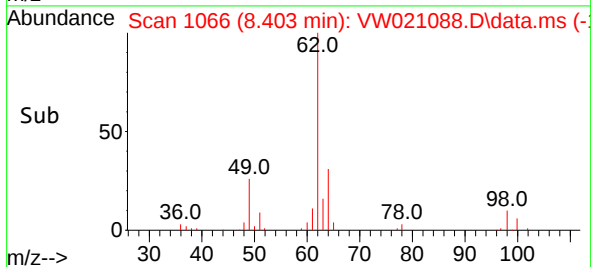
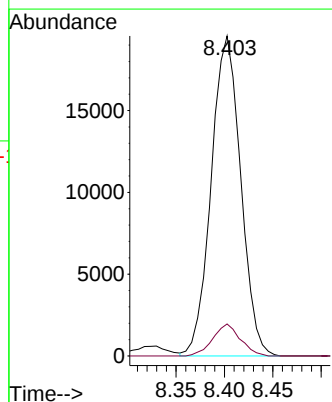
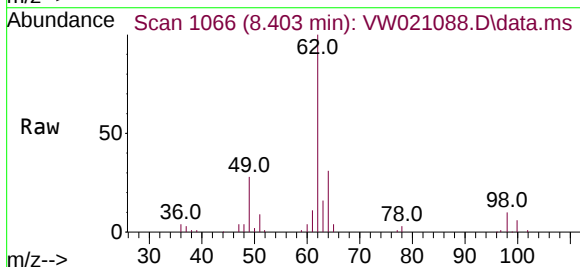
Instrument :
MSVOA_W
ClientSampleId :

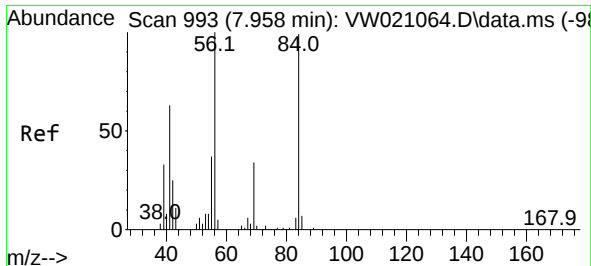
Tgt Ion: 83 Resp: 62001
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.933 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

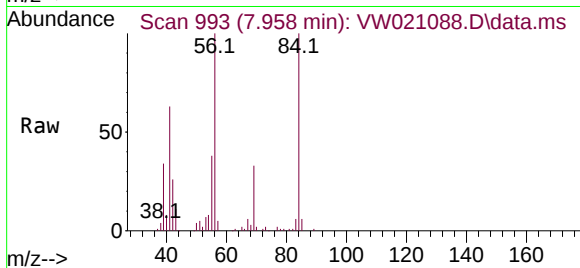
Tgt Ion: 62 Resp: 41513
Ion Ratio Lower Upper
62 100
98 10.0 6.5 9.7#



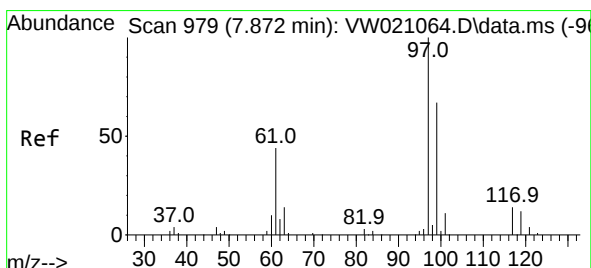
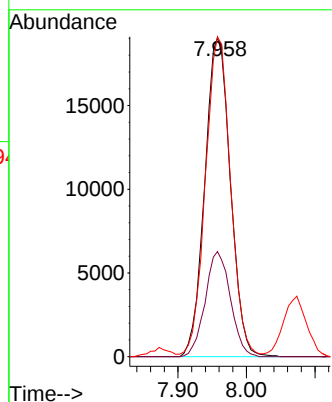
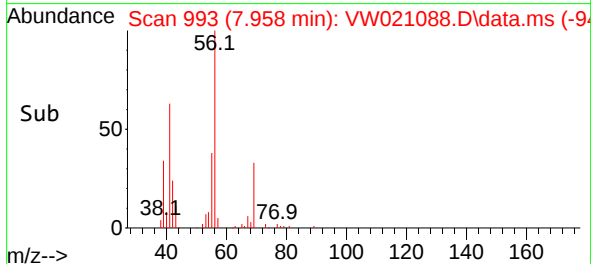


#29
Cyclohexane
Concen: 21.847 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Instrument :
MSVOA_W
ClientSampleId :

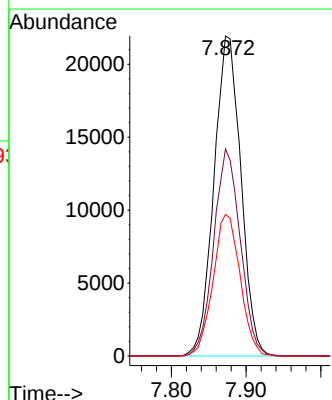
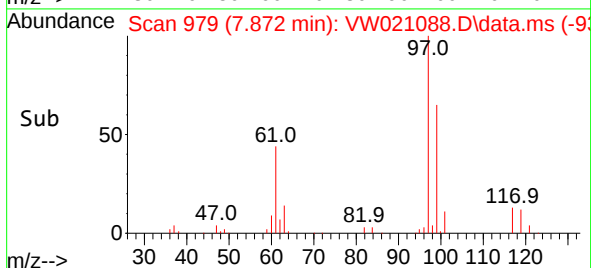
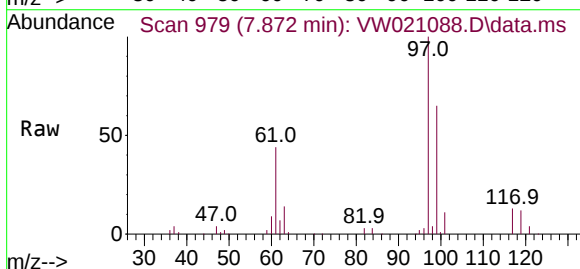


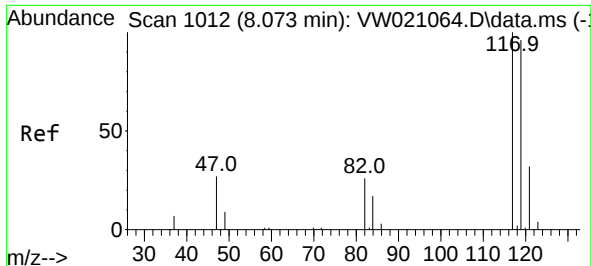
Tgt Ion: 56 Resp: 49469
Ion Ratio Lower Upper
56 100
69 32.4 23.5 35.3
84 98.6 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 22.973 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion: 97 Resp: 54977
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 44.4 40.9 61.3

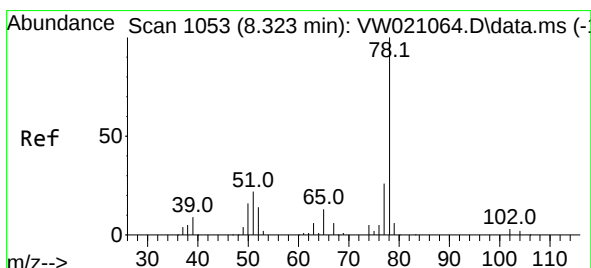
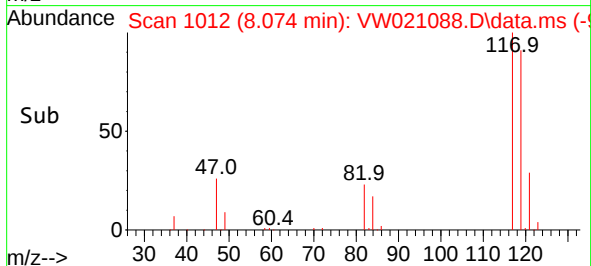
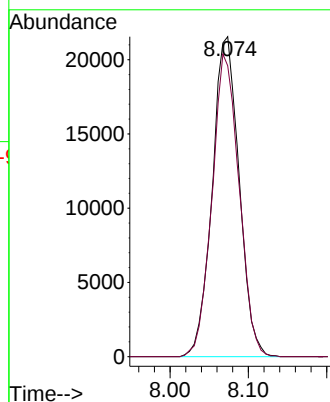
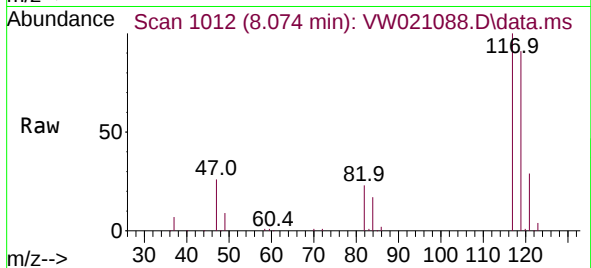




#31
Carbon tetrachloride
Concen: 23.116 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

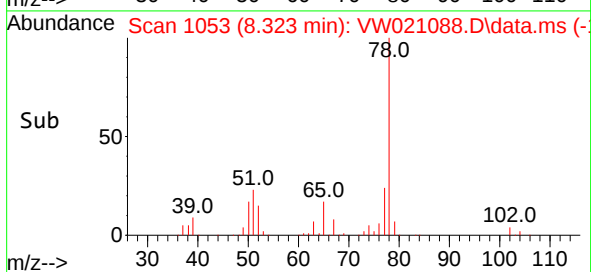
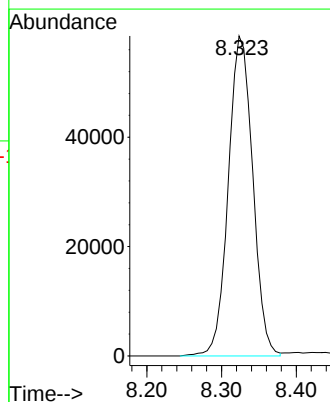
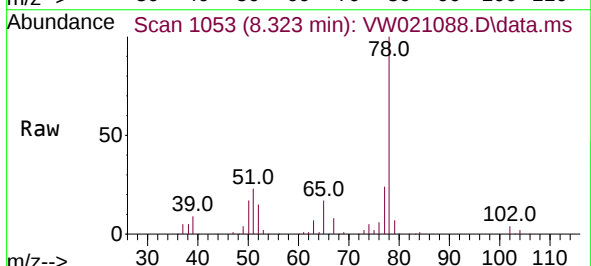
Instrument :
MSVOA_W
ClientSampleId :

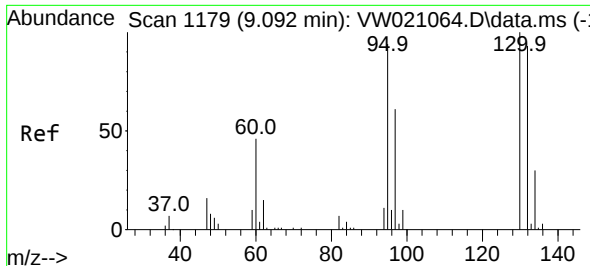
Tgt Ion:117 Resp: 51406
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 22.838 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

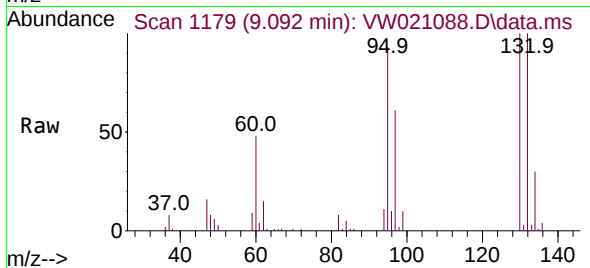
Tgt Ion: 78 Resp: 133301



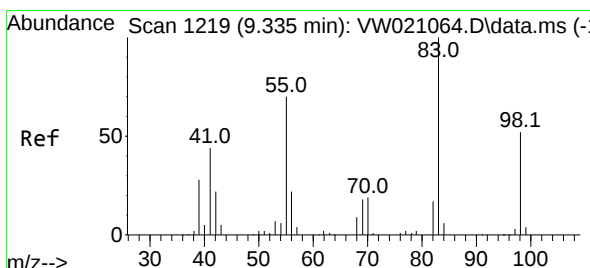
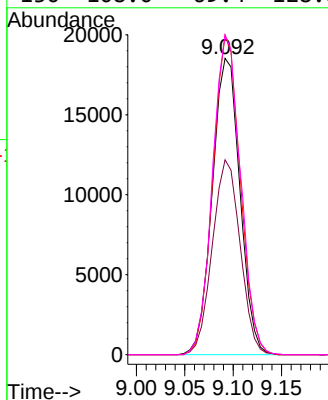
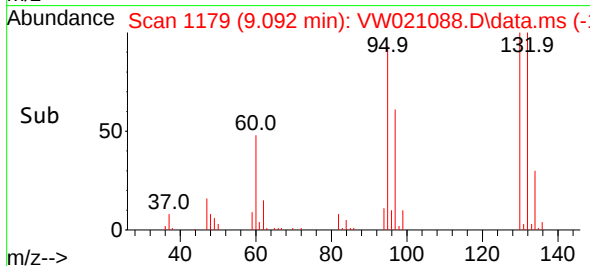


#34
Trichloroethene
Concen: 22.879 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

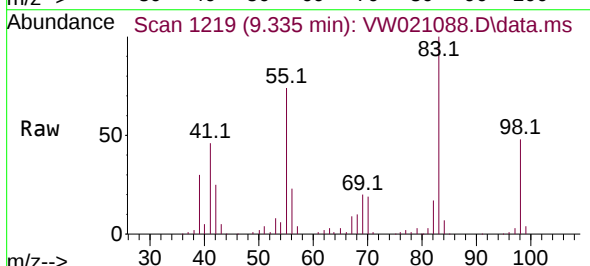
Instrument :
MSVOA_W
ClientSampleId :



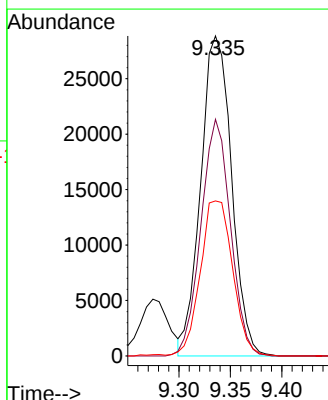
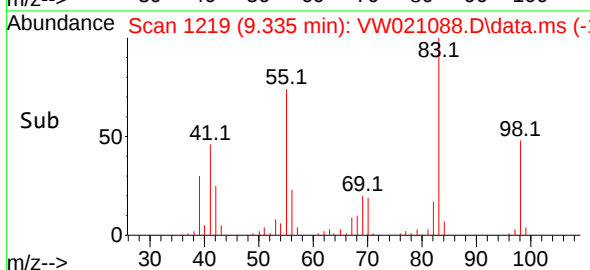
Tgt Ion: 95 Resp: 36842
Ion Ratio Lower Upper
95 100
97 65.8 47.0 87.2
132 107.7 65.5 121.6
130 108.0 69.4 128.8

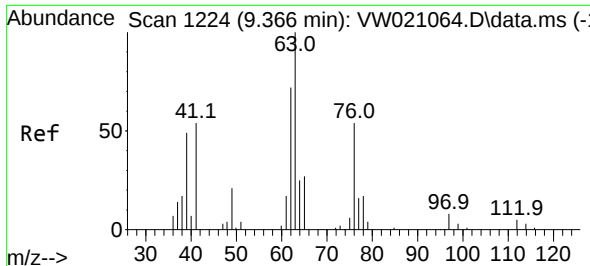


#35
Methylcyclohexane
Concen: 22.265 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16



Tgt Ion: 83 Resp: 60348
Ion Ratio Lower Upper
83 100
55 70.6 70.8 106.2#
98 50.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.427 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

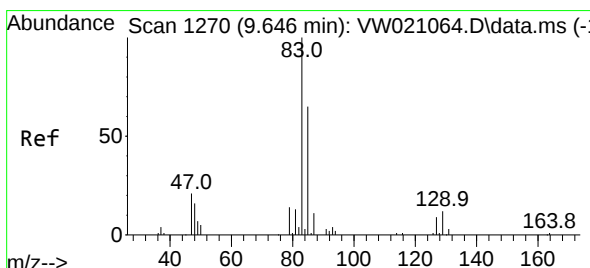
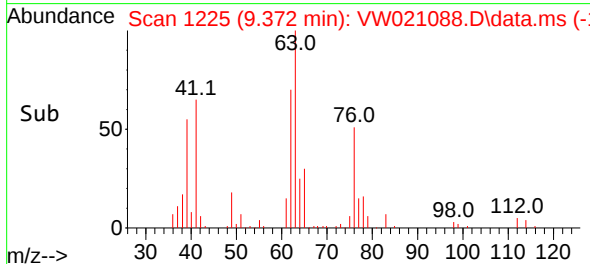
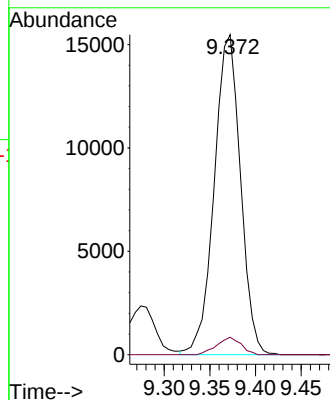
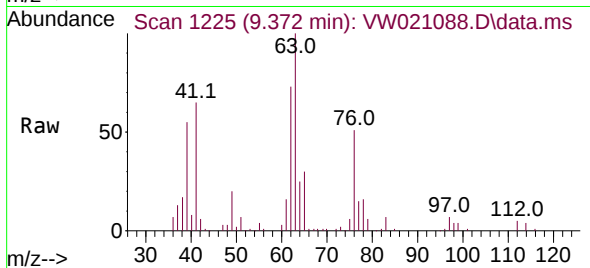
ClientSampleId :

Tgt Ion: 63 Resp: 30905

Ion Ratio Lower Upper

63 100

112 5.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.517 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

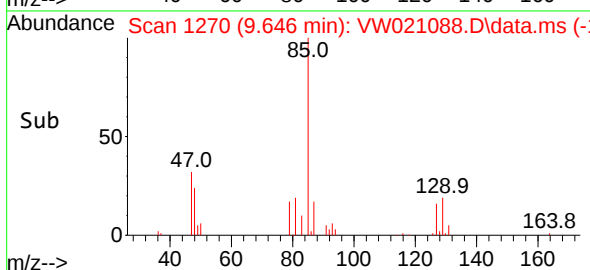
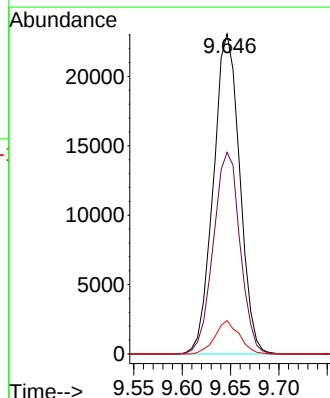
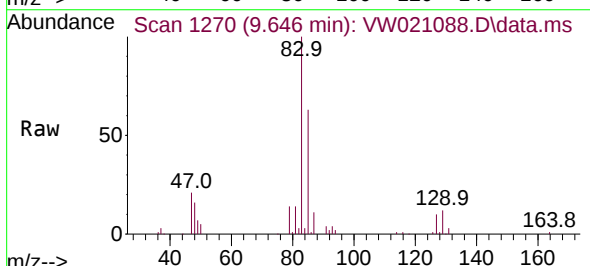
Tgt Ion: 83 Resp: 43611

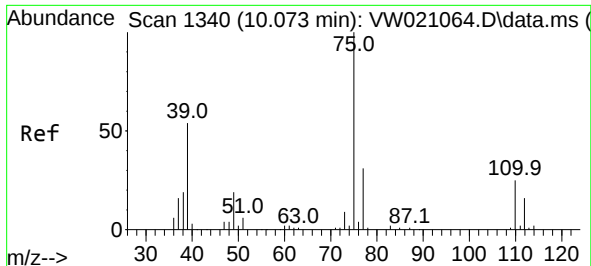
Ion Ratio Lower Upper

83 100

85 63.0 44.1 81.9

127 10.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.759 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

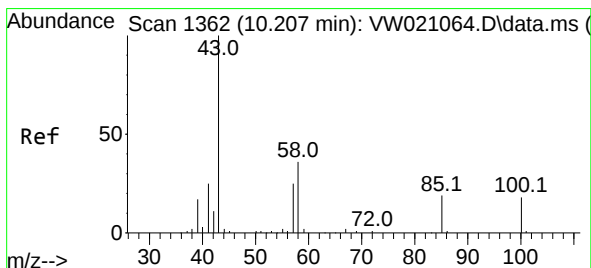
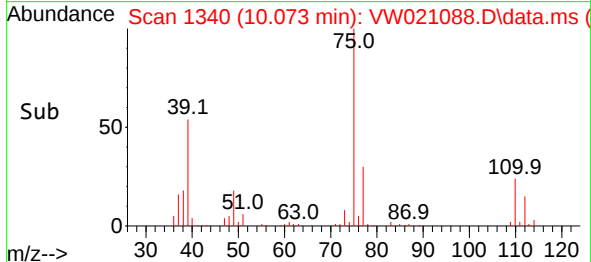
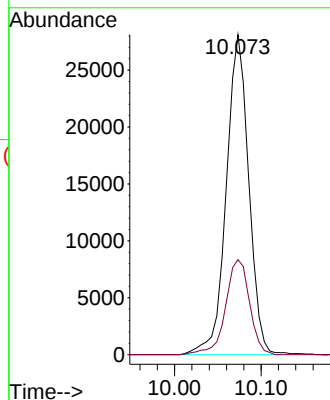
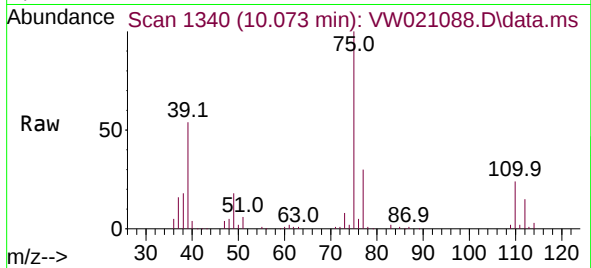
ClientSampleId :

Tgt Ion: 75 Resp: 50697

Ion Ratio Lower Upper

75 100

77 29.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.723 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

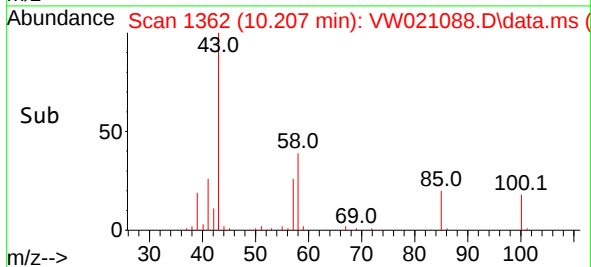
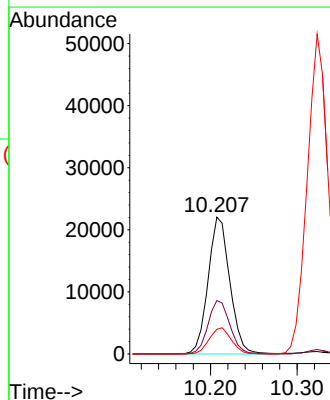
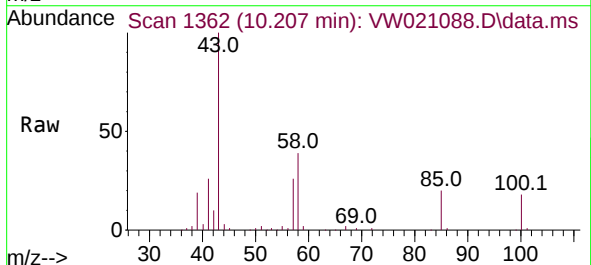
Tgt Ion: 43 Resp: 38395

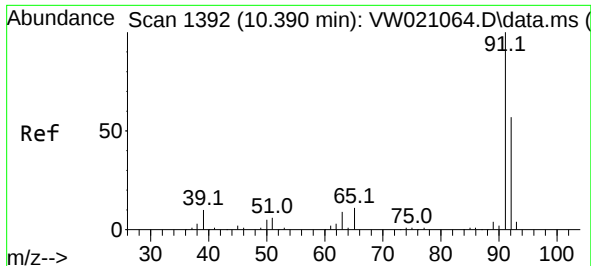
Ion Ratio Lower Upper

43 100

58 39.2 28.8 43.2

100 19.3 10.0 15.0#

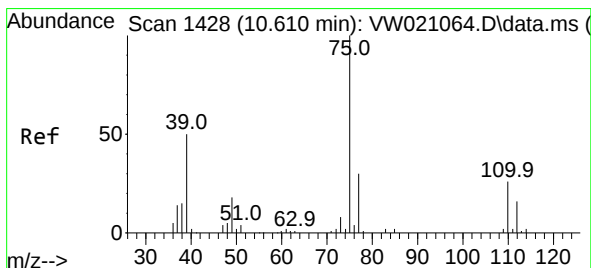
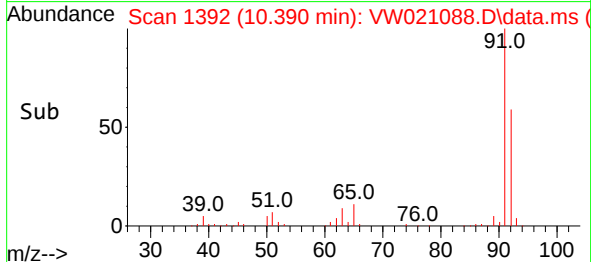
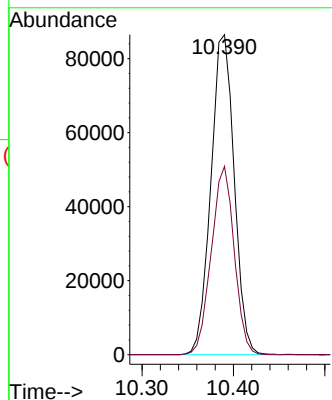
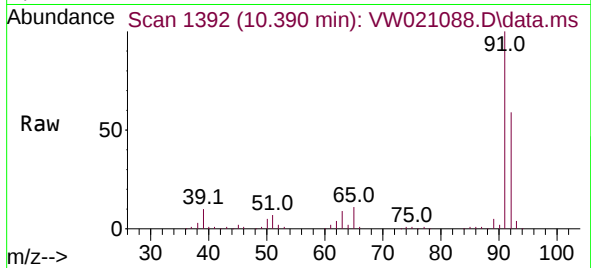




#42
Toluene
Concen: 22.985 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

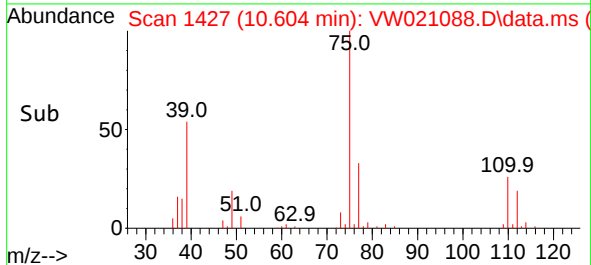
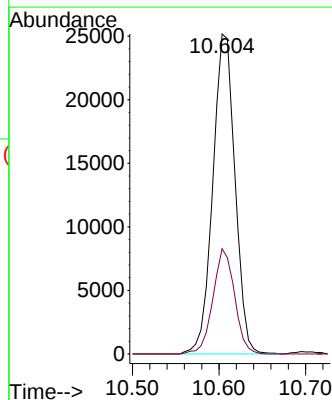
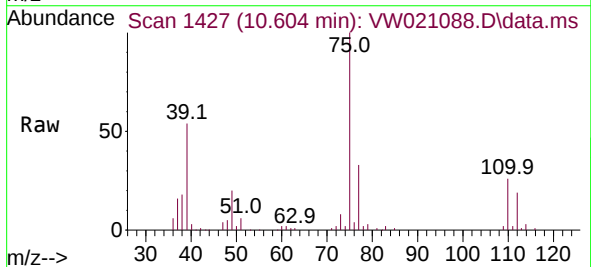
Instrument :
MSVOA_W
ClientSampleId :

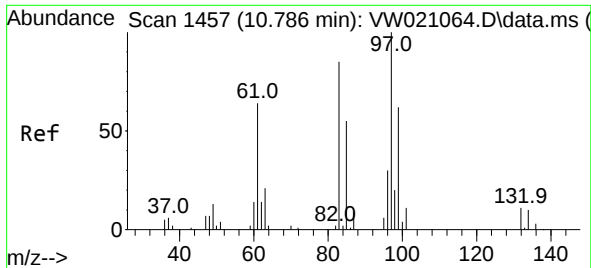
Tgt Ion: 91 Resp: 153235
Ion Ratio Lower Upper
91 100
92 58.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.226 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion: 75 Resp: 44840
Ion Ratio Lower Upper
75 100
77 32.9 22.2 41.2

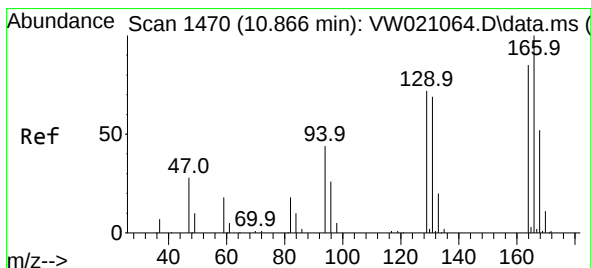
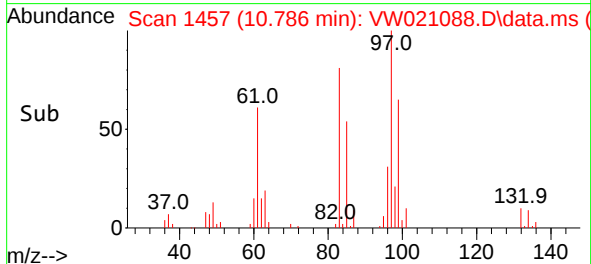
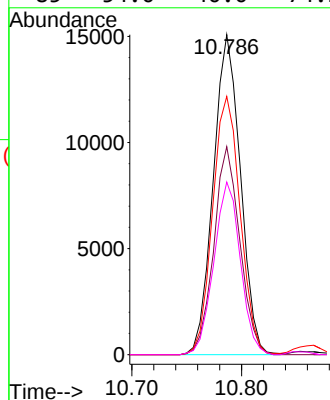
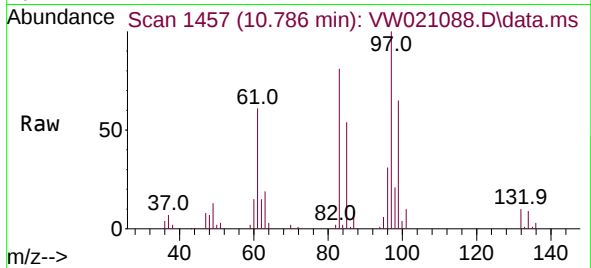




#45
1,1,2-Trichloroethane
Concen: 23.441 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

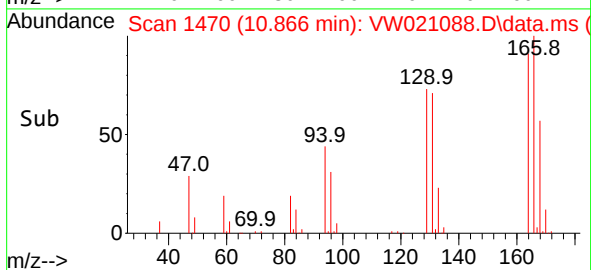
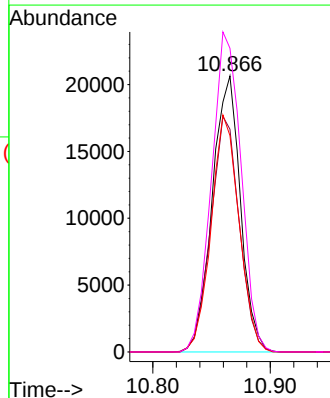
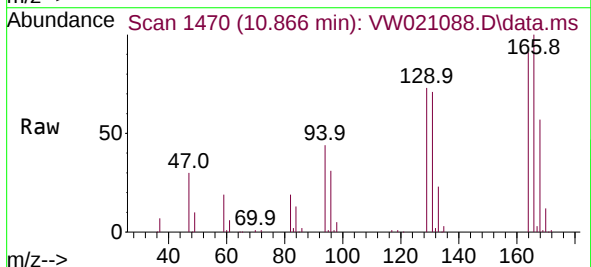
Instrument :
MSVOA_W
ClientSampleId :

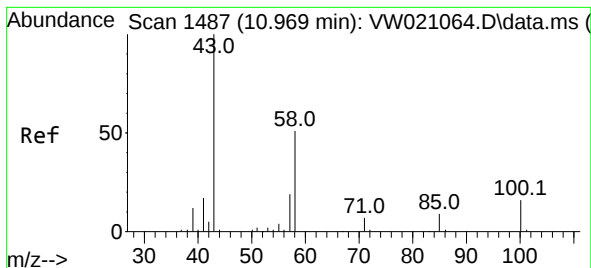
Tgt Ion: 97	Resp: 25926
Ion Ratio	Lower Upper
97 100	
99 65.0	43.0 79.8
83 80.7	62.6 116.3
85 54.0	40.0 74.2



#46
Tetrachloroethene
Concen: 23.349 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt	Ion:164	Resp:	34428
Ion	Ratio	Lower	Upper
164	100		
129	80.7	65.5	121.7
131	78.4	59.7	110.9
166	110.1	88.7	164.7

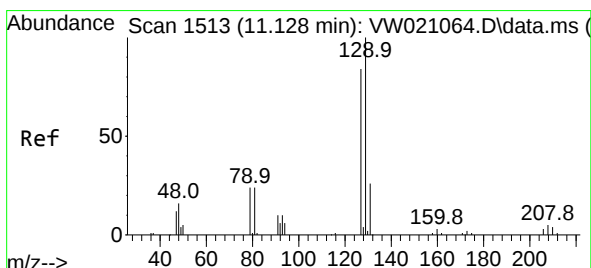
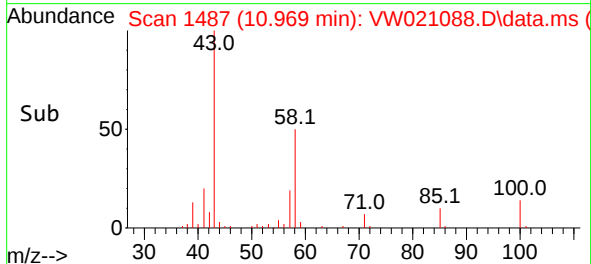
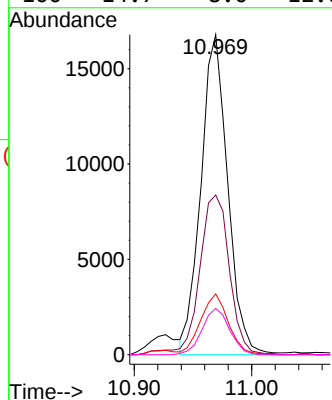
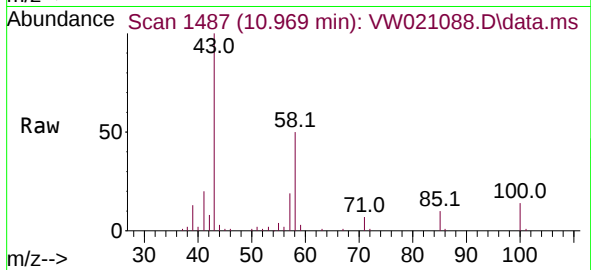




#48
2-Hexanone
Concen: 41.150 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

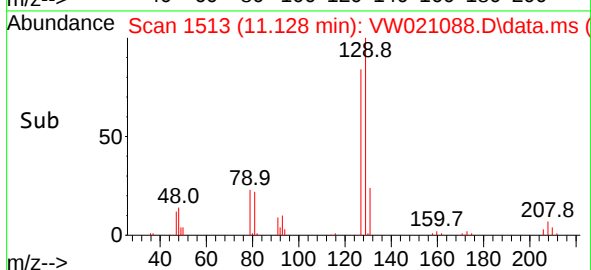
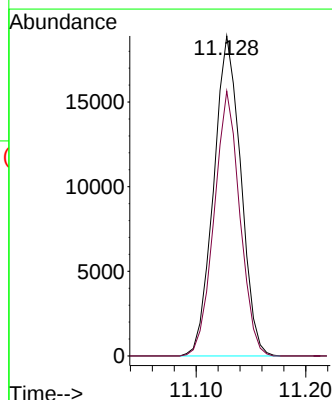
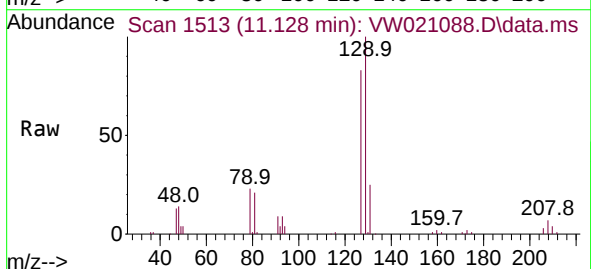
Instrument :
MSVOA_W
ClientSampleId :

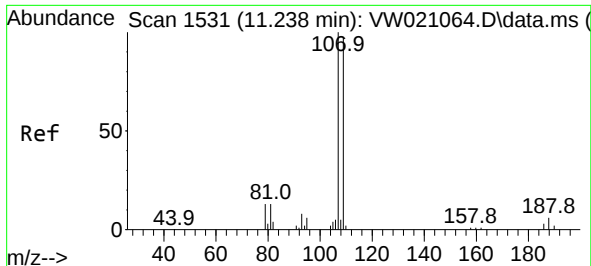
Tgt Ion: 43 Resp: 26678
Ion Ratio Lower Upper
43 100
58 54.2 40.2 60.2
57 19.6 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.522 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion:129 Resp: 32515
Ion Ratio Lower Upper
129 100
127 82.8 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.124 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021088.D

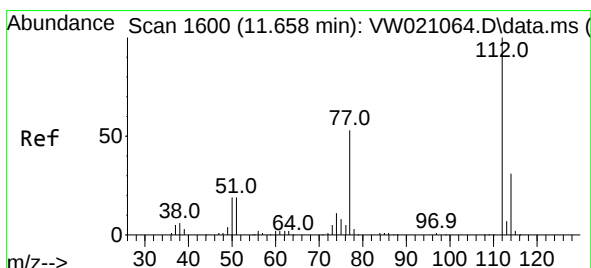
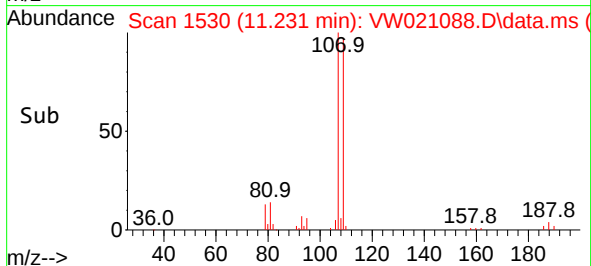
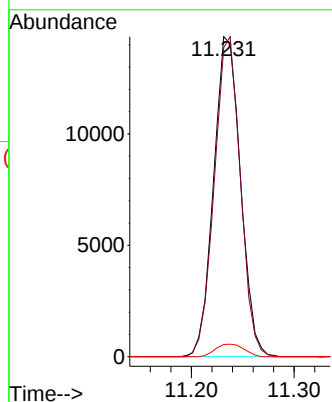
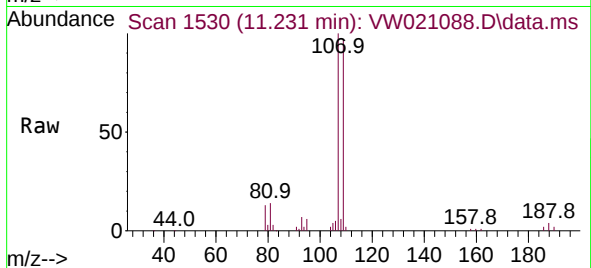
Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	26081
Ion Ratio	Lower	Upper
107	100	
109	96.6	64.1 119.1
188	3.8	2.6 3.8



#51

Chlorobenzene

Concen: 22.795 ug/L

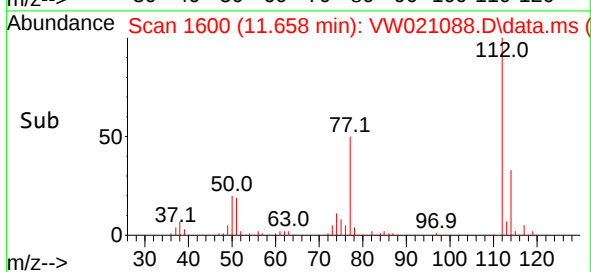
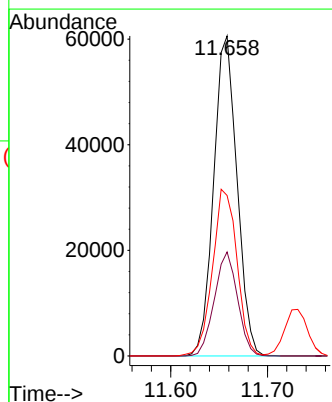
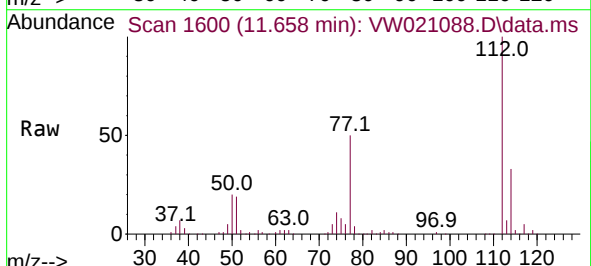
RT: 11.658 min Scan# 1600

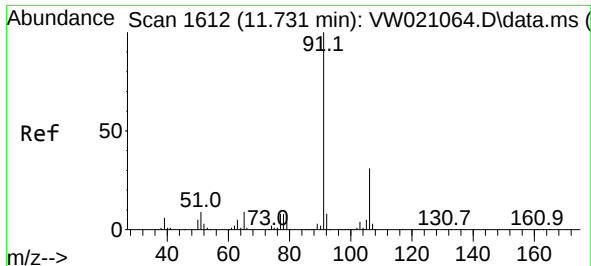
Delta R.T. 0.000 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Tgt Ion:112	Resp:	101541
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.4 41.6
77	50.1	50.2 75.4#

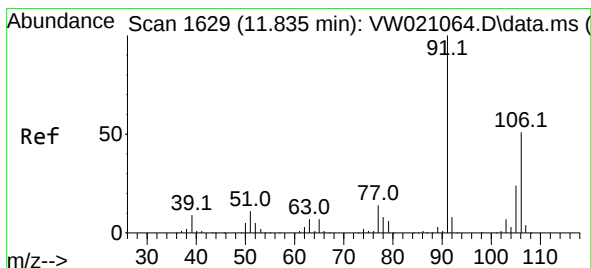
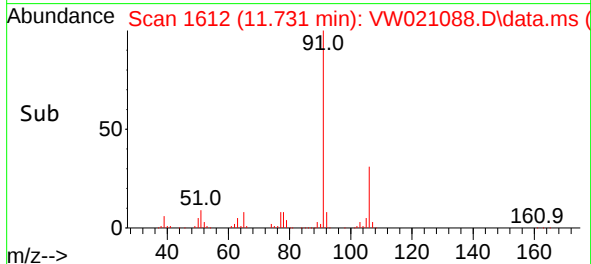
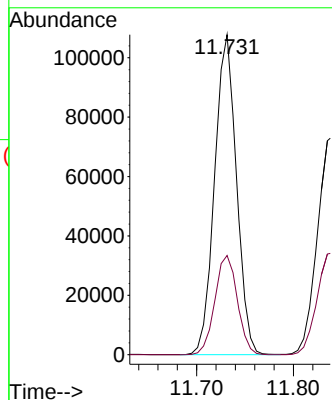
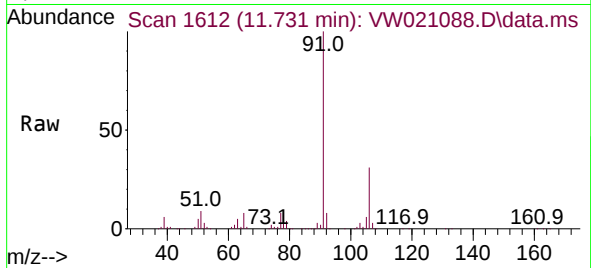




#52
Ethylbenzene
Concen: 22.542 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

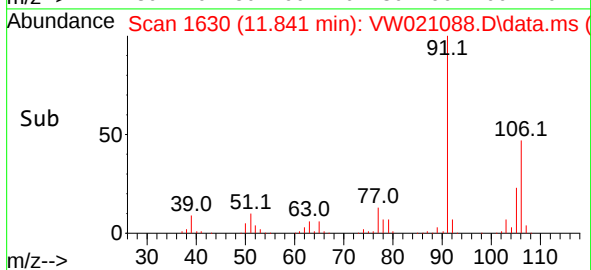
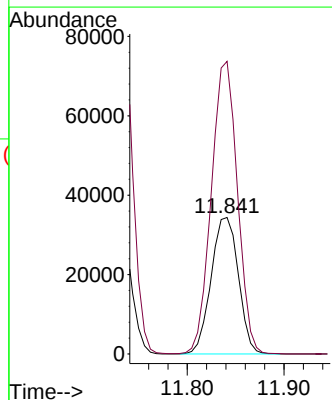
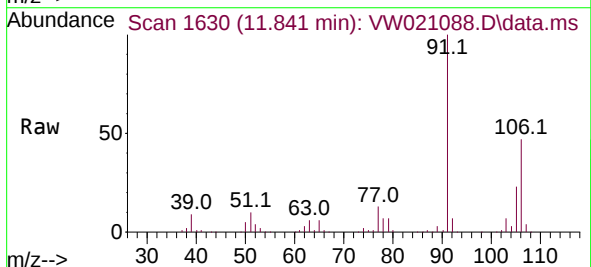
Instrument :
MSVOA_W
ClientSampleId :

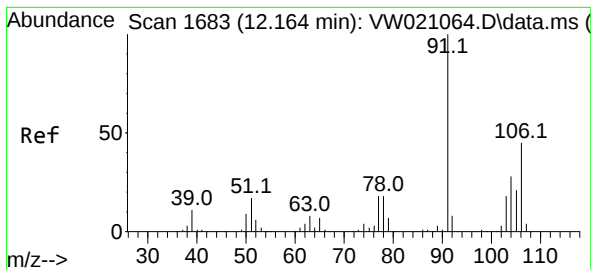
Tgt Ion: 91 Resp: 169185
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 21.690 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion: 106 Resp: 67344
Ion Ratio Lower Upper
106 100
91 214.4 149.9 278.3





#54

o-Xylene

Concen: 22.678 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

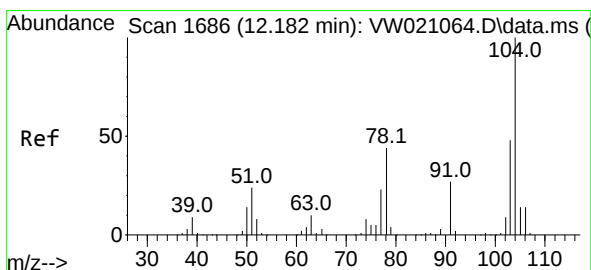
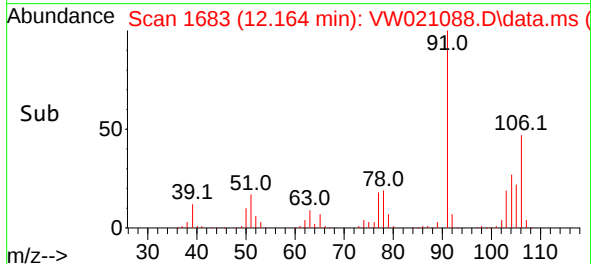
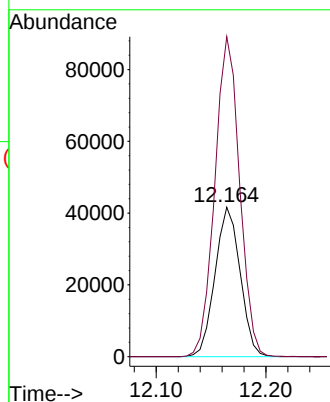
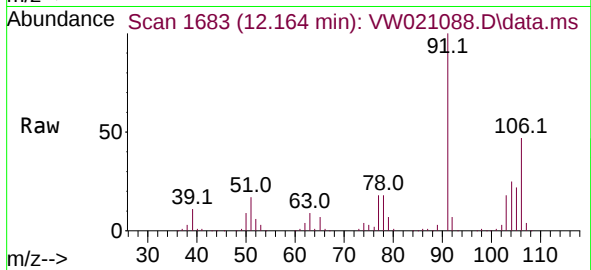
ClientSampleId :

Tgt Ion:106 Resp: 66384

Ion Ratio Lower Upper

106 100

91 214.1 153.6 285.3



#55

Styrene

Concen: 22.666 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW021088.D

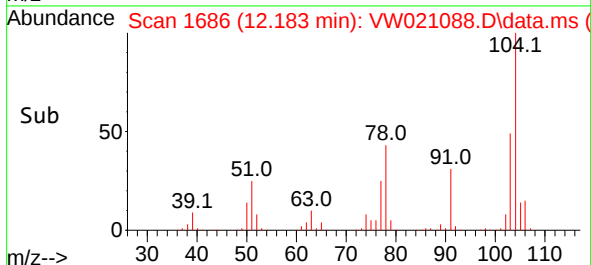
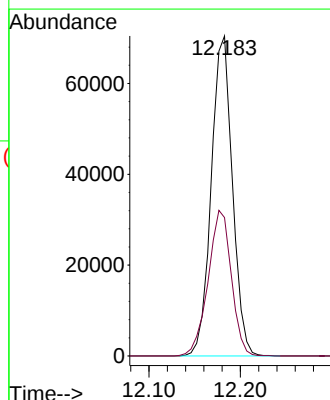
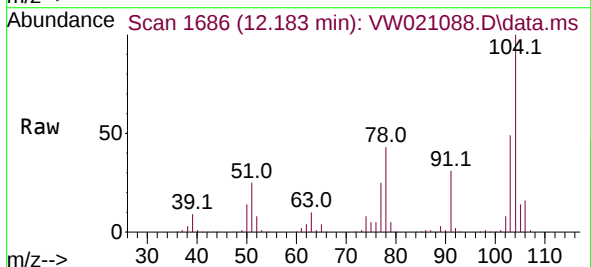
Acq: 04 Dec 2021 01:16

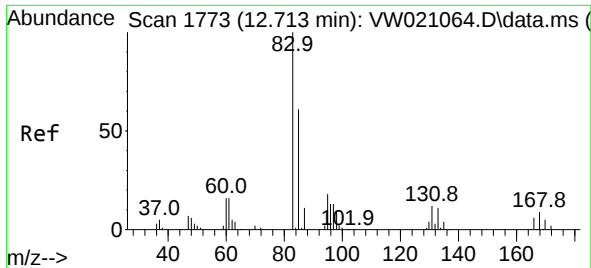
Tgt Ion:104 Resp: 113044

Ion Ratio Lower Upper

104 100

78 43.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.031 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021088.D

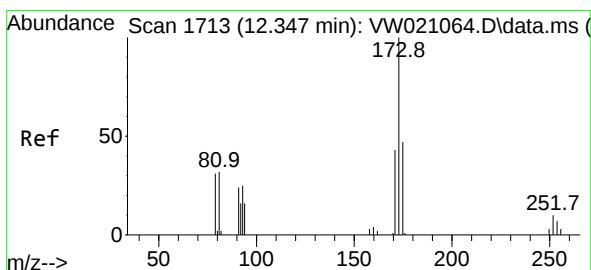
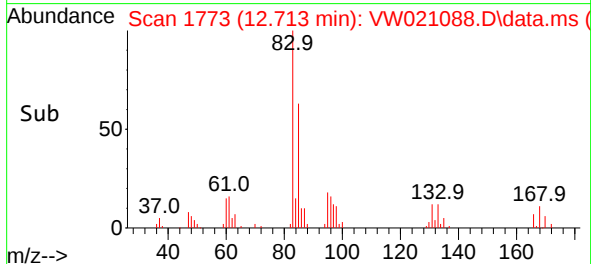
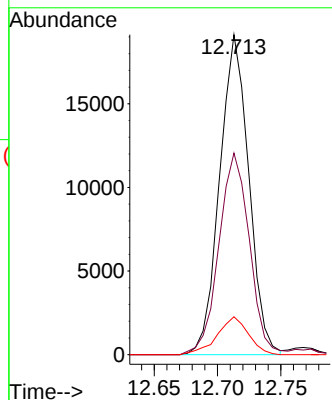
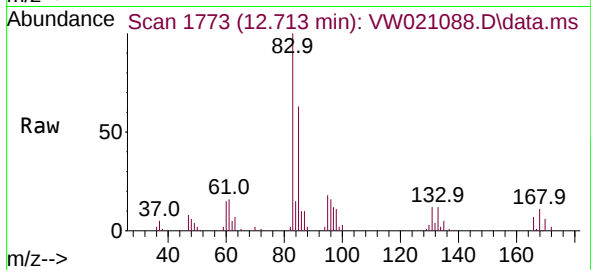
Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 30638
Ion Ratio	Lower Upper
83	100
85	63.0 44.0 81.6
131	11.9 6.9 10.3#



#59

Bromoform

Concen: 23.088 ug/L

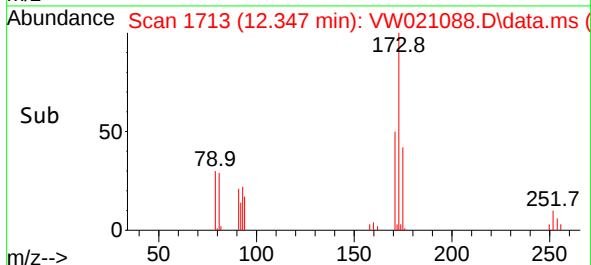
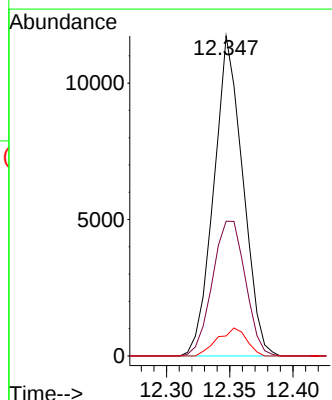
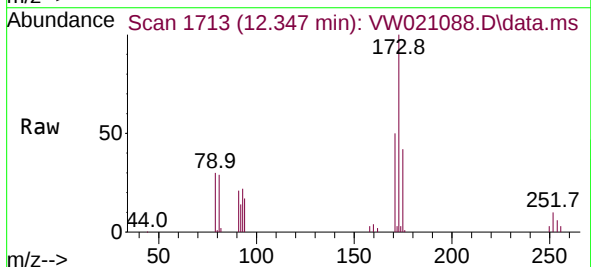
RT: 12.347 min Scan# 1713

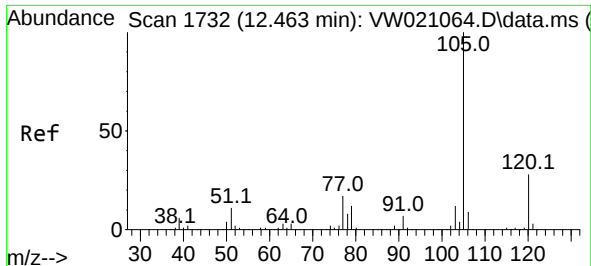
Delta R.T. 0.000 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Tgt Ion: 173	Resp: 18676
Ion Ratio	Lower Upper
173	100
175	47.9 39.6 59.4
254	8.8 7.4 11.0

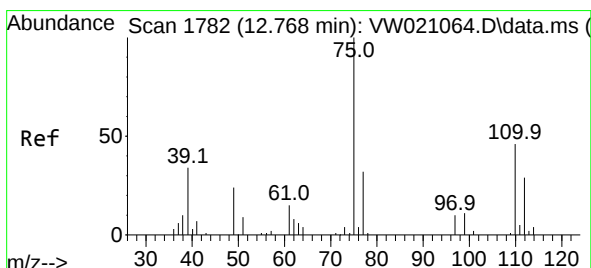
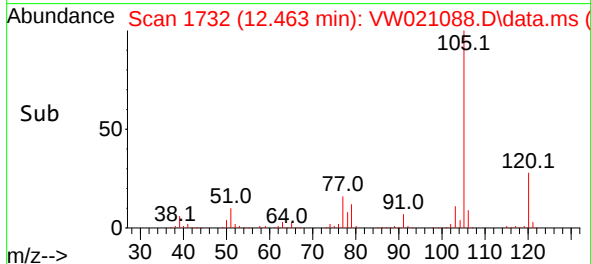
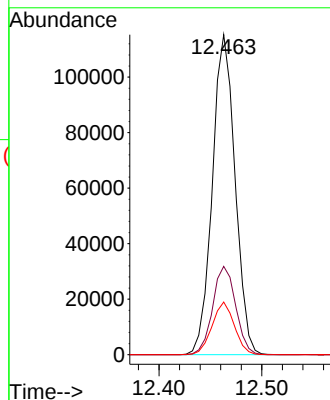
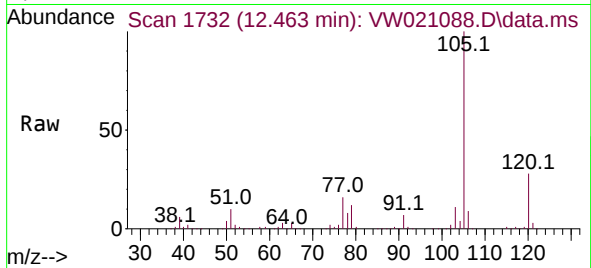




#60
Isopropylbenzene
Concen: 22.473 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

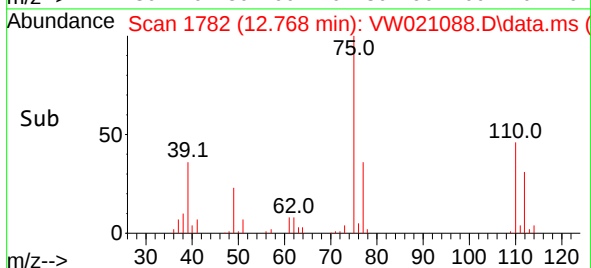
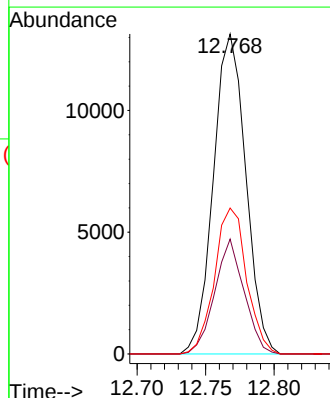
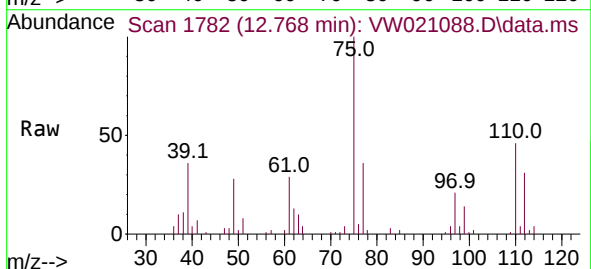
Instrument :
MSVOA_W
ClientSampleId :

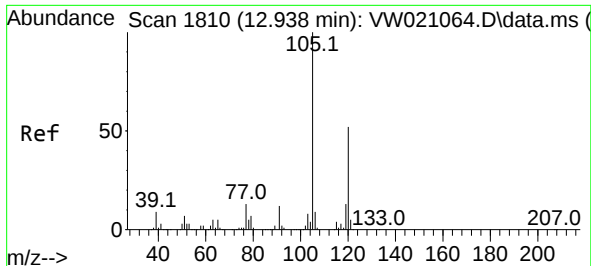
Tgt Ion:105 Resp: 177153
Ion Ratio Lower Upper
105 100
120 27.9 20.1 30.1
77 16.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.749 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion: 75 Resp: 21616
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 45.1 29.0 43.4#

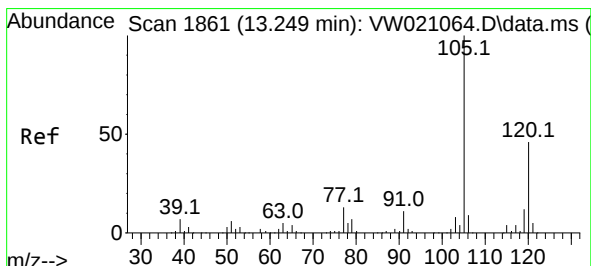
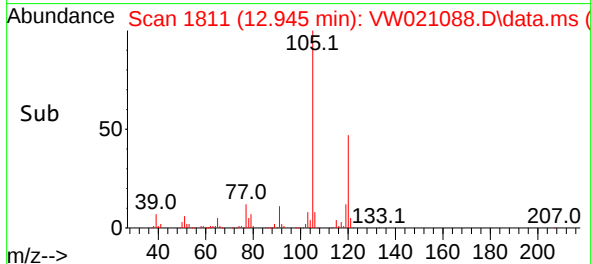
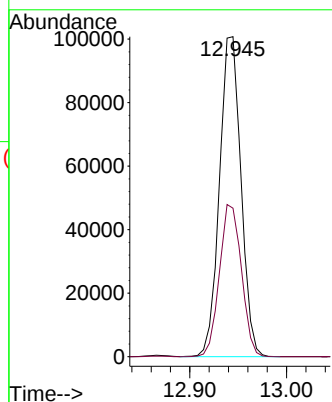
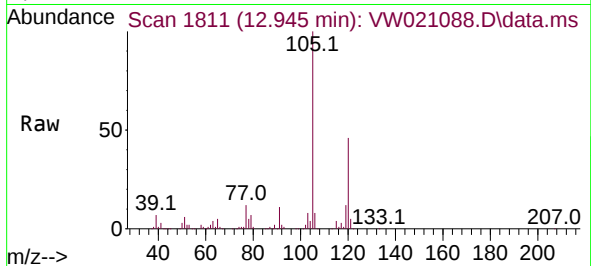




#62
1,3,5-Trimethylbenzene
Concen: 23.559 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

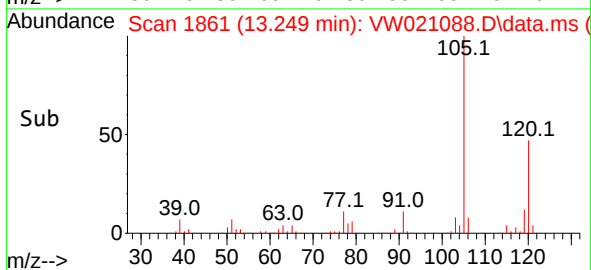
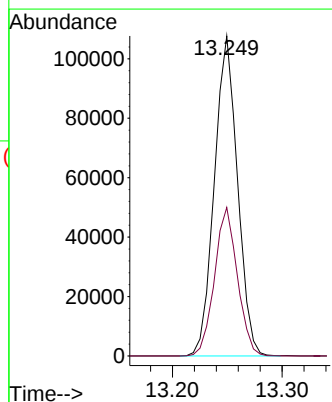
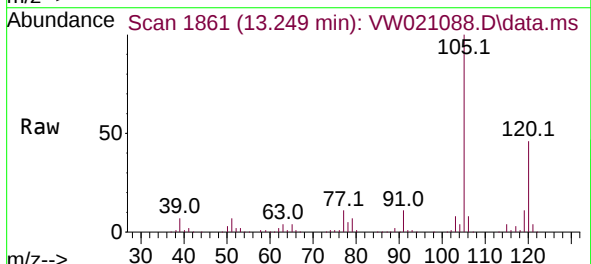
Instrument :
MSVOA_W
ClientSampleId :

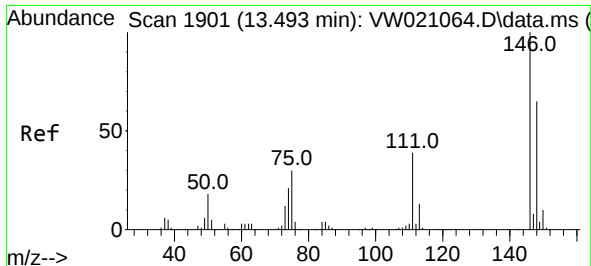
Tgt Ion:105 Resp: 155528
Ion Ratio Lower Upper
105 100
120 48.6 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.769 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion:105 Resp: 157816
Ion Ratio Lower Upper
105 100
120 45.8 35.0 52.6

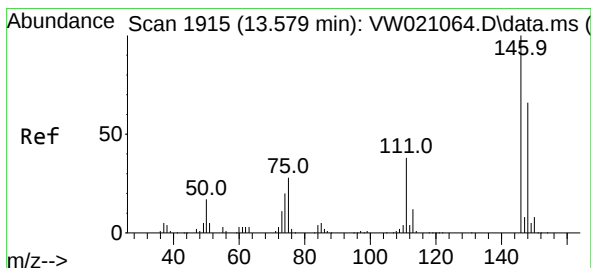
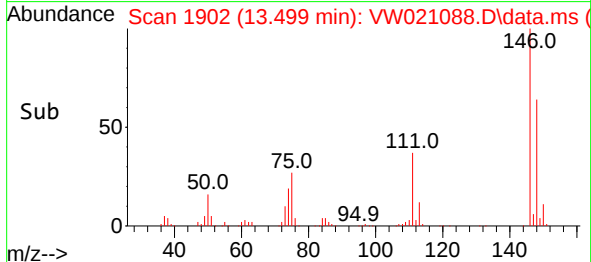
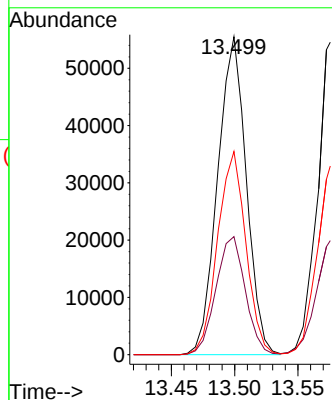
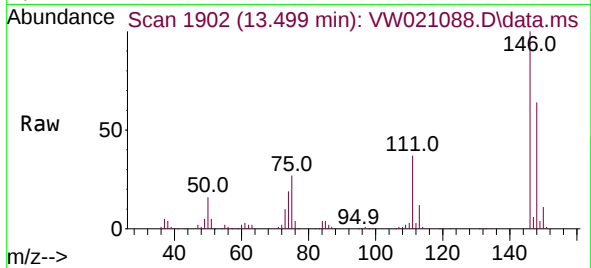




#64
1,3-Dichlorobenzene
Concen: 23.589 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

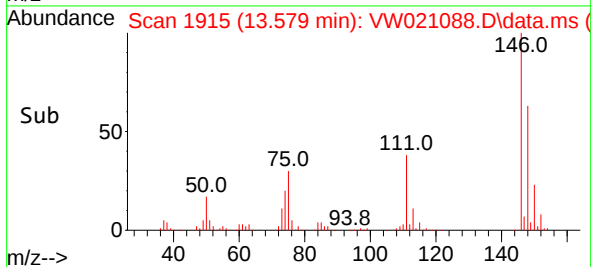
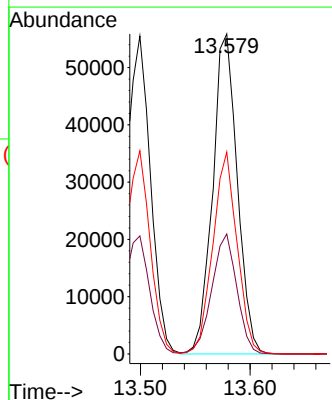
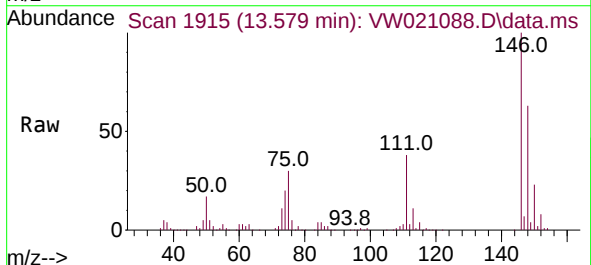
Instrument :
MSVOA_W
ClientSampleId :

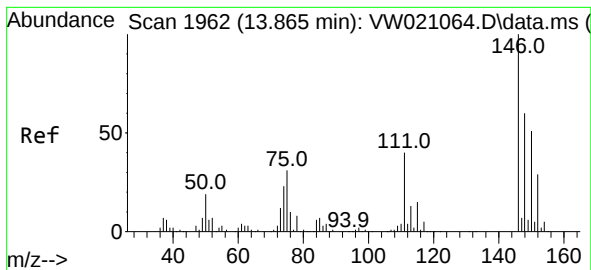
Tgt Ion:146 Resp: 87556
Ion Ratio Lower Upper
146 100
111 37.1 29.8 55.3
148 63.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.328 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

Tgt Ion:146 Resp: 87513
Ion Ratio Lower Upper
146 100
111 37.5 29.0 53.9
148 63.1 46.9 87.1

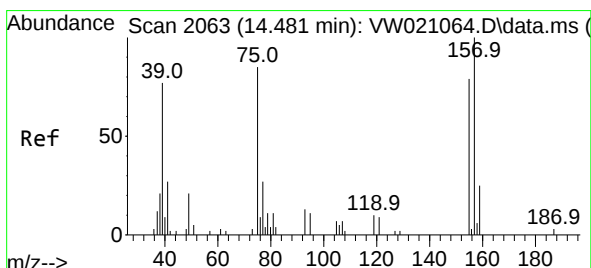
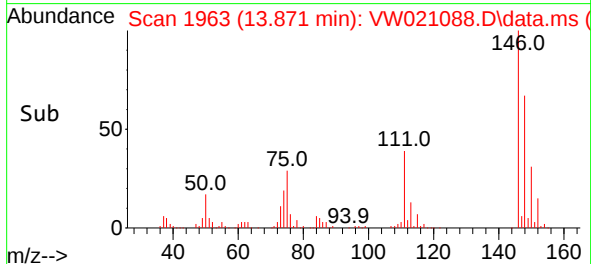
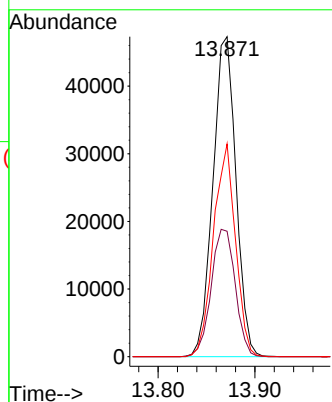
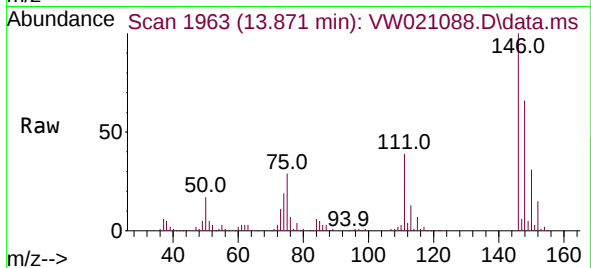




#67
1,2-Dichlorobenzene
Concen: 23.685 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

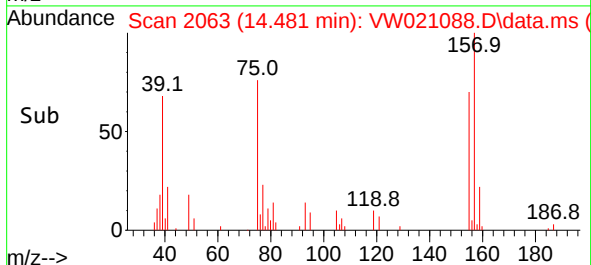
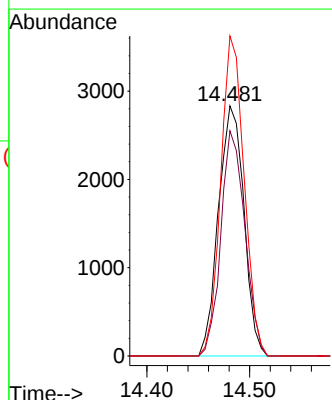
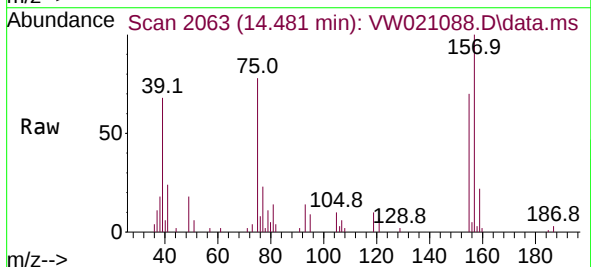
Instrument :
MSVOA_W
ClientSampleId :

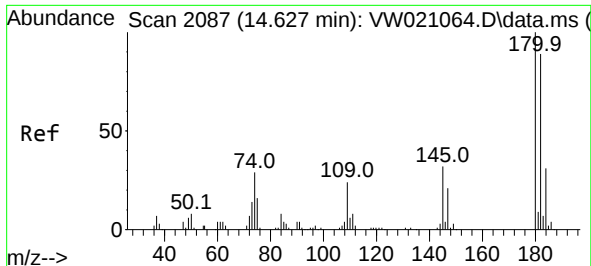
Tgt Ion:146 Resp: 78277
Ion Ratio Lower Upper
146 100
111 39.2 33.1 49.7
148 66.5 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 22.651 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

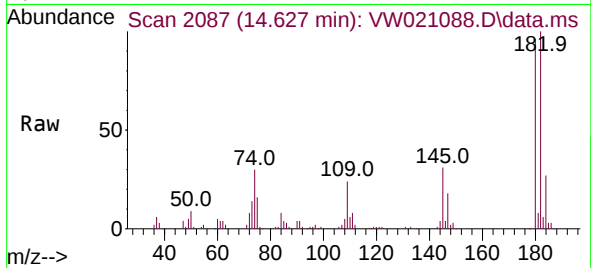
Tgt Ion: 75 Resp: 4860
Ion Ratio Lower Upper
75 100
155 90.0 54.2 81.2#
157 128.0 69.4 104.2#



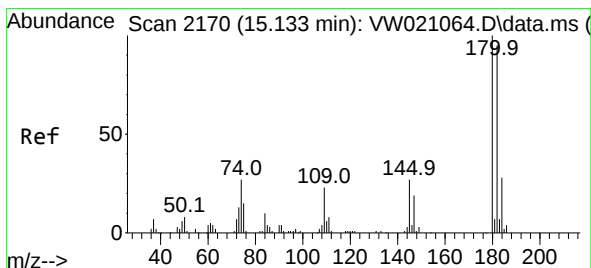
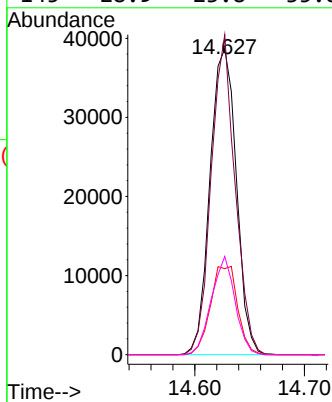
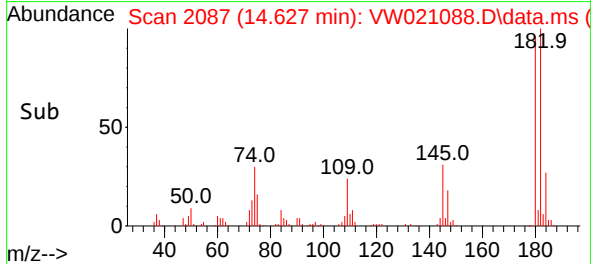


#69
1,3,5-Trichlorobenzene
Concen: 23.672 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16

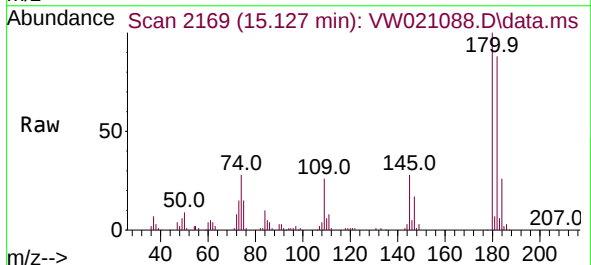
Instrument :
MSVOA_W
ClientSampleId :



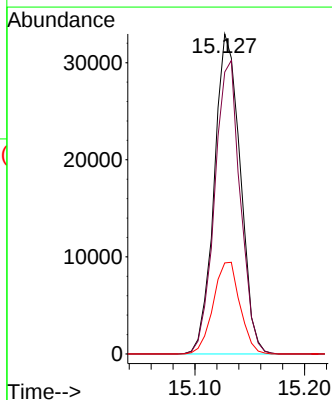
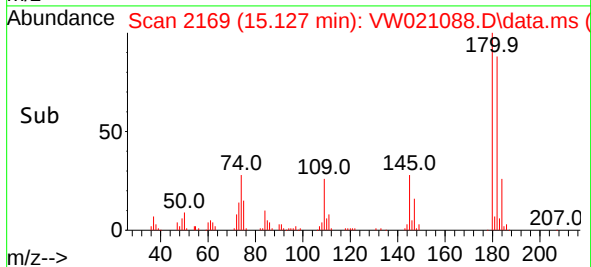
Tgt Ion:180 Resp: 64575
Ion Ratio Lower Upper
180 100
182 94.5 75.4 113.0
184 29.9 23.8 35.8
145 28.9 23.8 35.8

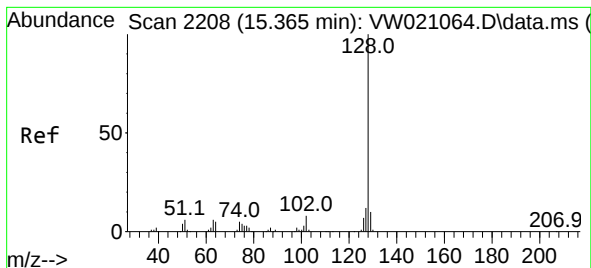


#70
1,2,4-trichlorobenzene
Concen: 24.255 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021088.D
Acq: 04 Dec 2021 01:16



Tgt Ion:180 Resp: 54369
Ion Ratio Lower Upper
180 100
182 90.2 79.0 118.6
145 29.4 26.0 39.0





#71

Naphthalene

Concen: 23.815 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021088.D

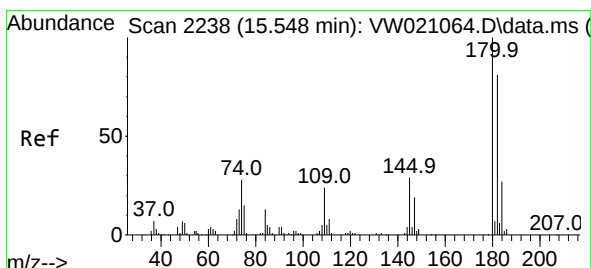
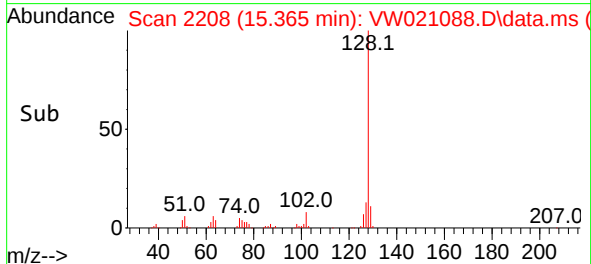
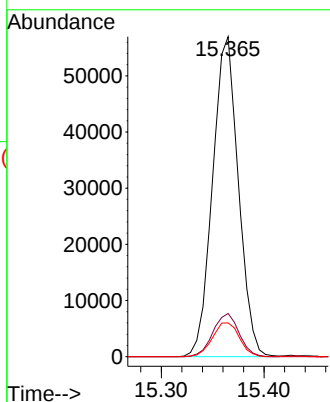
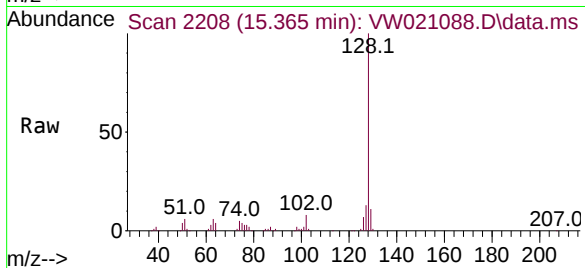
Acq: 04 Dec 2021 01:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	99242
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.7 16.1
129	11.1	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.087 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021088.D

Acq: 04 Dec 2021 01:16

Tgt Ion:180	Resp:	45165
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.6 114.8
145	33.2	27.4 41.0

