

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021134.D
 Acq On : 04 Dec 2021 21:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:51:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131760	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	133764	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77761	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	46550	25.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.440%	
7) Chloroethane-d5	2.891	69	29316	23.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 95.440%	
11) 1,1-Dichloroethene-d2	4.019	63	84922	28.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.840%#	
21) 2-Butanone-d5	7.080	46	22065	52.695	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.400%	
24) Chloroform-d	7.653	84	94399	28.608	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 114.440%	
26) 1,2-Dichloroethane-d4	8.305	65	51550	28.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.240%	
32) Benzene-d6	8.275	84	175468	25.655	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.640%	
36) 1,2-Dichloropropane-d6	9.274	67	47223	24.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.400%	
41) Toluene-d8	10.323	98	174360	24.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.440%	
43) trans-1,3-Dichloroprop...	10.579	79	22292	25.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.320%	
47) 2-Hexanone-d5	10.921	63	18705	51.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.880%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44019	25.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.120%	
66) 1,2-Dichlorobenzene-d4	13.853	152	79782	28.635	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.520%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	16586	25.771	ug/L	94
3) Chloromethane	2.221	50	30652	21.274	ug/L	98
5) Vinyl chloride	2.361	62	52130	20.827	ug/L	95
6) Bromomethane	2.782	94	28959	17.400	ug/L	100
8) Chloroethane	2.922	64	21167	20.291	ug/L	95
9) Trichlorofluoromethane	3.263	101	33190	27.462	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	44766	23.664	ug/L	92
12) 1,1-Dichloroethene	4.044	96	41517	24.276	ug/L	85
13) Acetone	4.123	43	14474	37.947	ug/L	95
14) Carbon disulfide	4.385	76	114320	24.082	ug/L	99
15) Methyl Acetate	4.672	43	15194	21.970	ug/L #	87
16) Methylene chloride	4.922	84	42963	20.697	ug/L	78
17) trans-1,2-Dichloroethene	5.428	96	43182	23.714	ug/L	86
18) Methyl tert-butyl Ether	5.434	73	67891	24.702	ug/L	94
19) 1,1-Dichloroethane	6.220	63	68848	23.844	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	45534	23.570	ug/L	76
22) 2-Butanone	7.171	43	19610	37.151	ug/L	84
23) Bromochloromethane	7.519	128	20900	23.122	ug/L #	68
25) Chloroform	7.677	83	76197	23.509	ug/L	99

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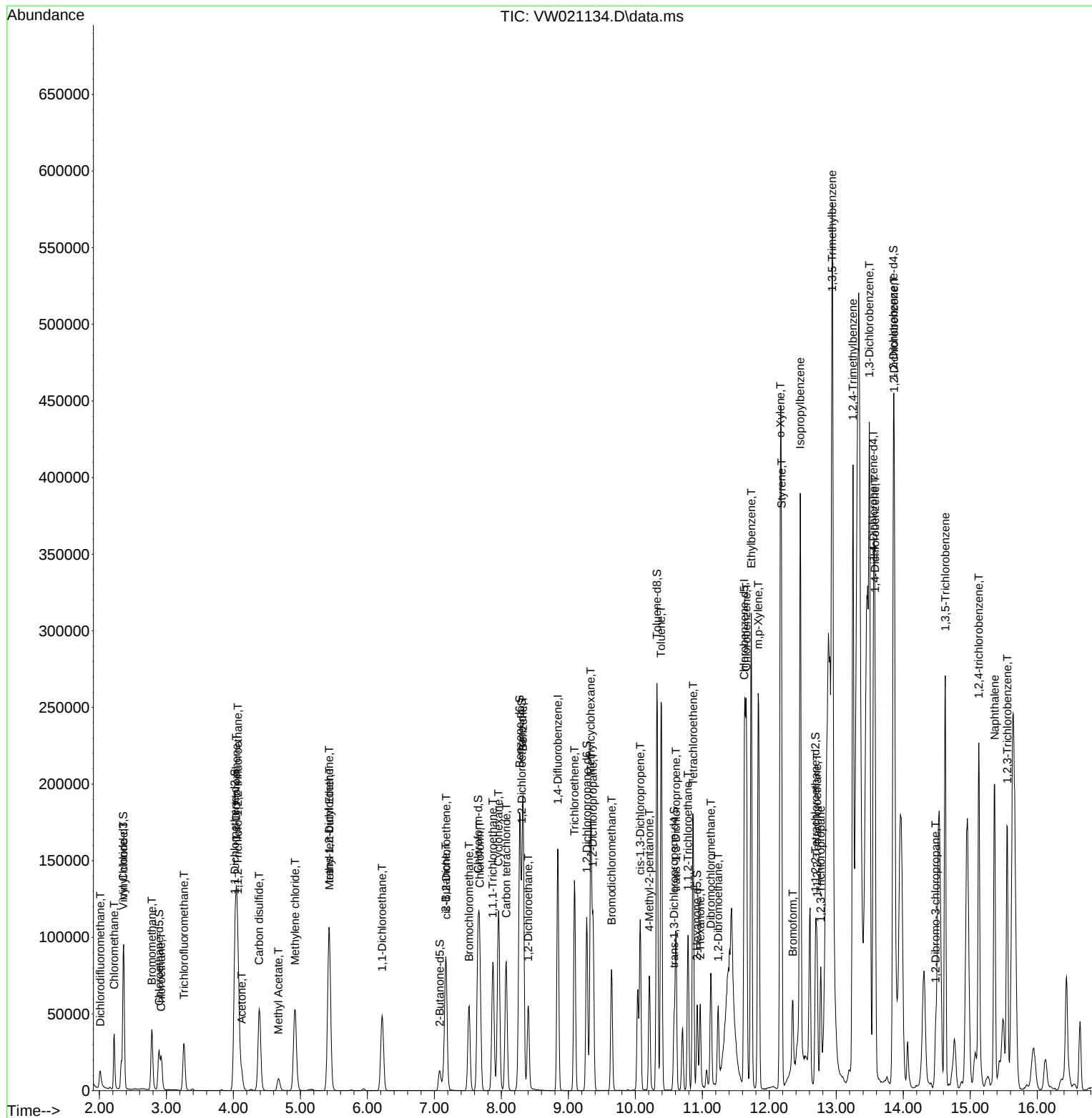
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	50962	24.036	ug/L	97
29) Cyclohexane	7.958	56	64126	21.731	ug/L #	84
30) 1,1,1-Trichloroethane	7.872	97	67613	21.679	ug/L	94
31) Carbon tetrachloride	8.073	117	63087	21.768	ug/L	97
33) Benzene	8.323	78	161373	21.215	ug/L	100
34) Trichloroethene	9.092	95	44788	21.342	ug/L	91
35) Methylcyclohexane	9.335	83	75329	21.325	ug/L	85
37) 1,2-Dichloropropane	9.366	63	36225	21.070	ug/L #	96
38) Bromodichloromethane	9.646	83	51829	21.445	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	60046	21.592	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	46506	39.707	ug/L #	92
42) Toluene	10.384	91	186131	21.423	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	54742	21.758	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	30929	21.458	ug/L	94
46) Tetrachloroethene	10.866	164	41052	21.363	ug/L	88
48) 2-Hexanone	10.969	43	32644	38.637	ug/L #	92
49) Dibromochloromethane	11.128	129	37785	20.974	ug/L	99
50) 1,2-Dibromoethane	11.238	107	31645	21.529	ug/L #	94
51) Chlorobenzene	11.658	112	126291	21.754	ug/L	94
52) Ethylbenzene	11.731	91	210939	21.566	ug/L	98
53) m,p-Xylene	11.835	106	85356	21.095	ug/L	90
54) o-Xylene	12.164	106	81151	21.272	ug/L	94
55) Styrene	12.182	104	140801	21.662	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	36920	21.296	ug/L #	94
59) Bromoform	12.353	173	22229	20.045	ug/L	98
60) Isopropylbenzene	12.463	105	232106	21.477	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	28506	21.884	ug/L	91
62) 1,3,5-Trimethylbenzene	12.938	105	208431	23.031	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	202814	22.282	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	114582	22.518	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	115699	22.497	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	101681	22.443	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	8525	28.982	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	86987	23.260	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	73213	23.824	ug/L	96
71) Naphthalene	15.365	128	178956	31.326	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	58829	21.935	ug/L	97

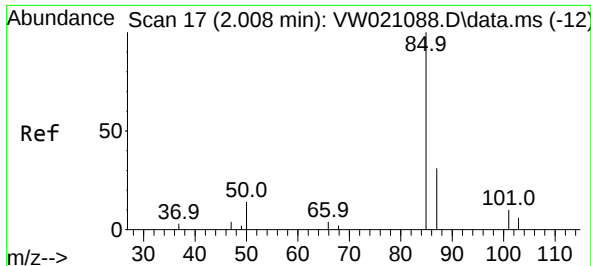
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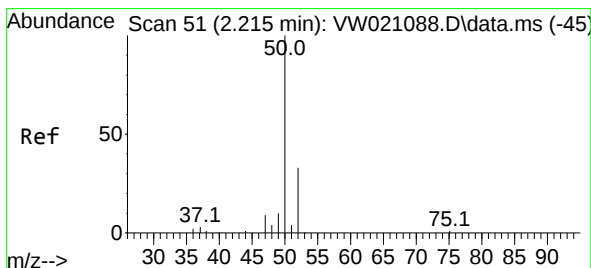
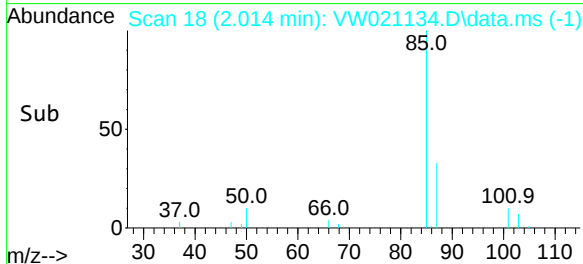
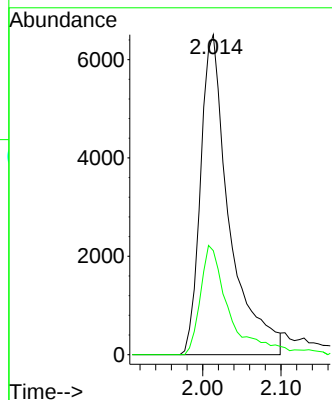
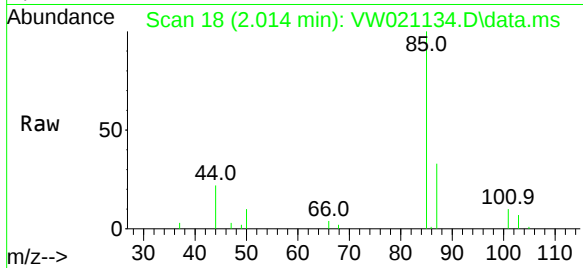




#2
 Dichlorodifluoromethane
 Concen: 25.771 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

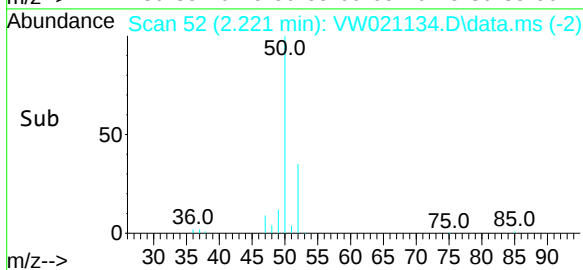
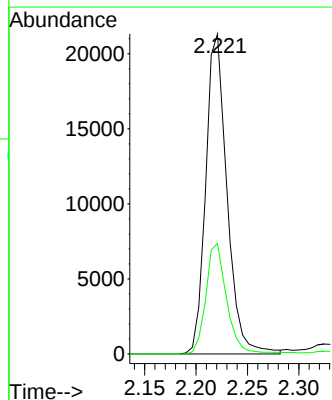
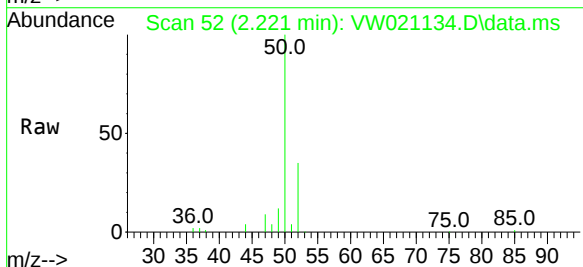
Instrument :
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 ClientSampleId :

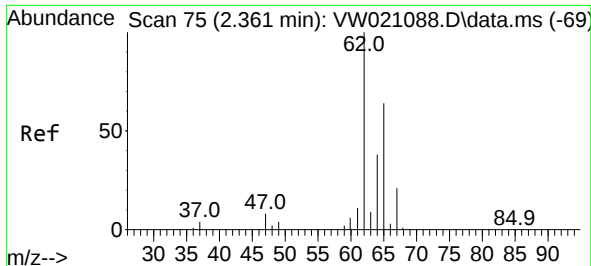
Tgt Ion: 85 Resp: 16586
 Ion Ratio Lower Upper
 85 100
 87 28.9 25.8 38.6



#3
 Chloromethane
 Concen: 21.274 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

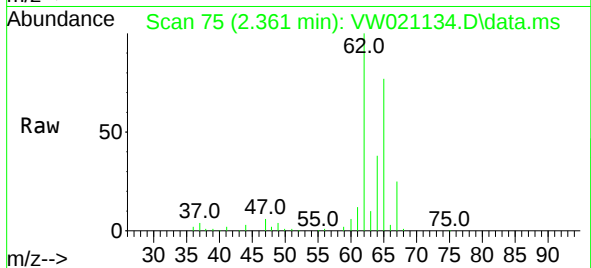
Tgt Ion: 50 Resp: 30652
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.4 43.6



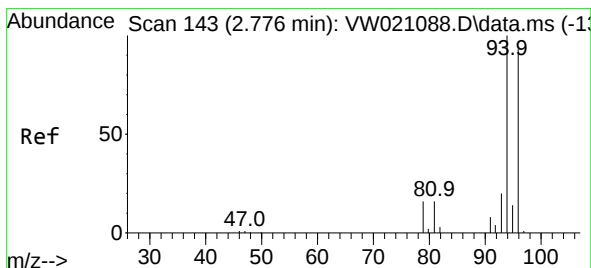
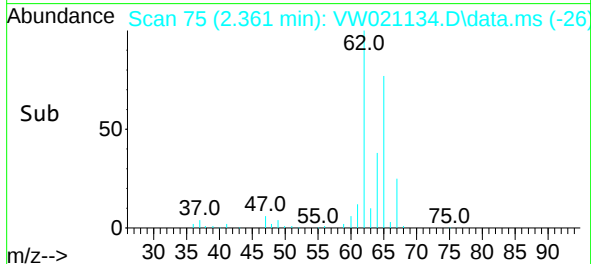
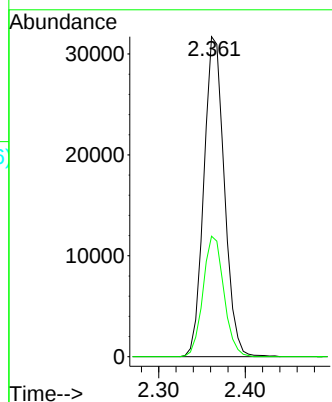


#5
 Vinyl chloride
 Concen: 20.827 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

Instrument :
 MSVOA_W
 ClientSampleId :

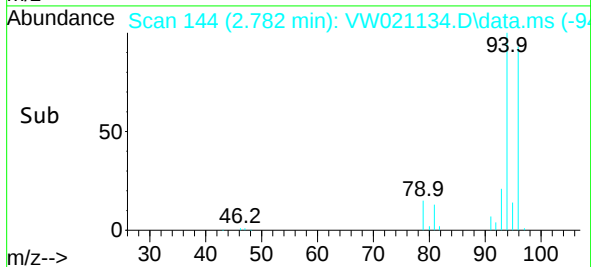
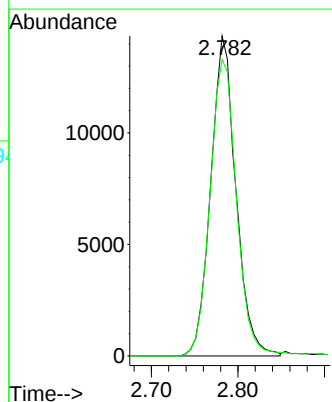
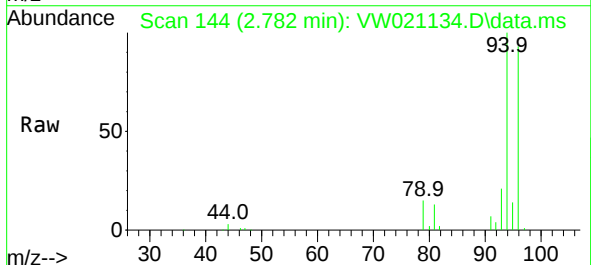


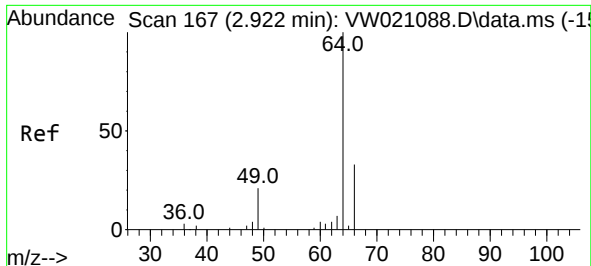
Tgt Ion: 62 Resp: 52130
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.4 45.2



#6
 Bromomethane
 Concen: 17.400 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

Tgt Ion: 94 Resp: 28959
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.8 120.4

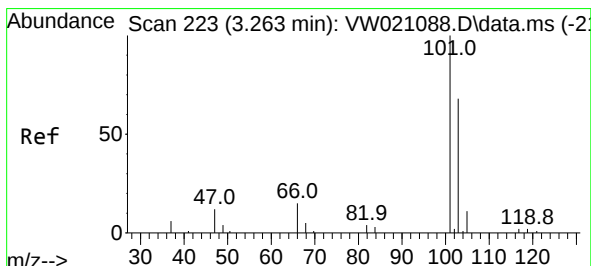
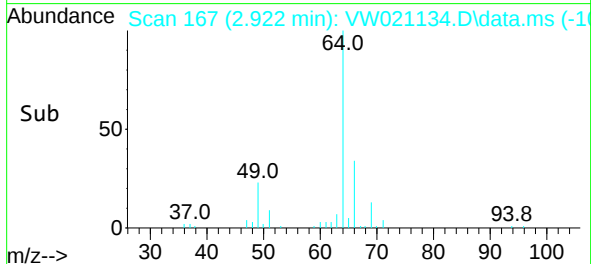
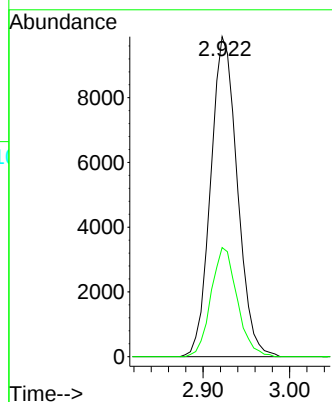
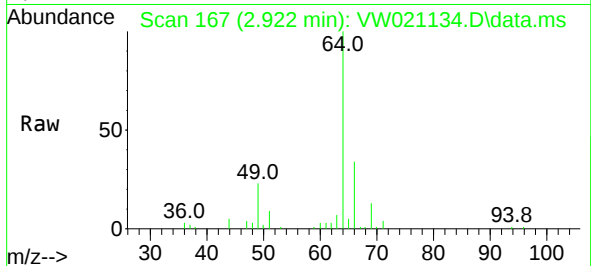




#8
Chloroethane
Concen: 20.291 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

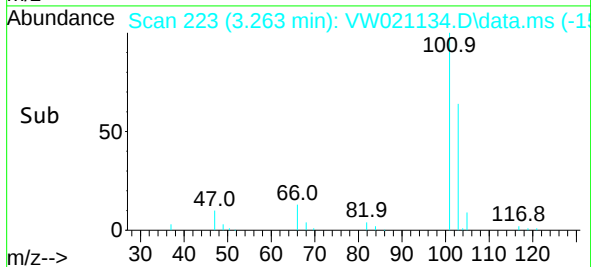
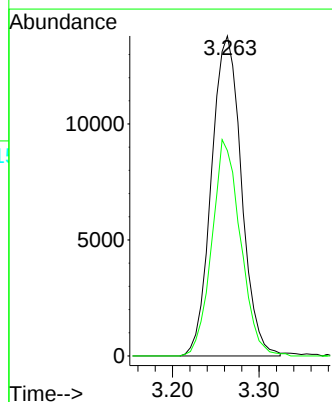
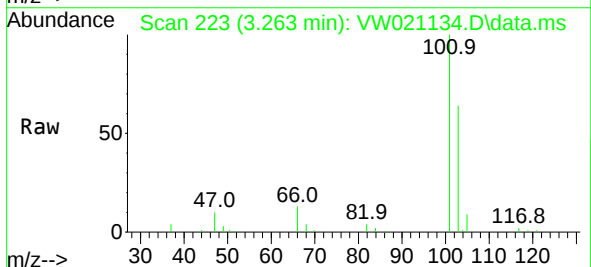
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MSVOA_W
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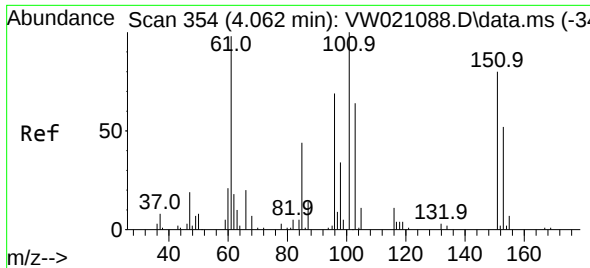
Tgt Ion: 64 Resp: 21167
Ion Ratio Lower Upper
64 100
66 34.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 27.462 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion:101 Resp: 33190
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

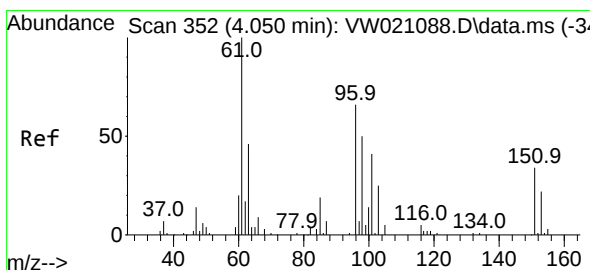
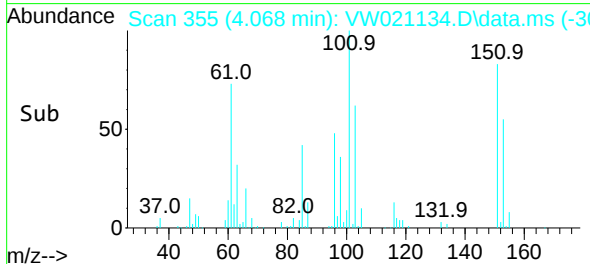
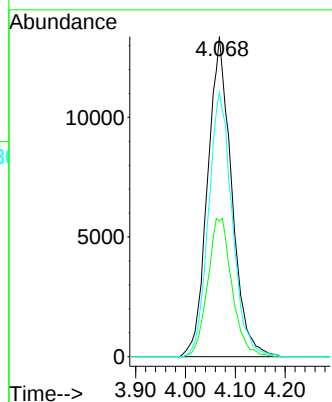
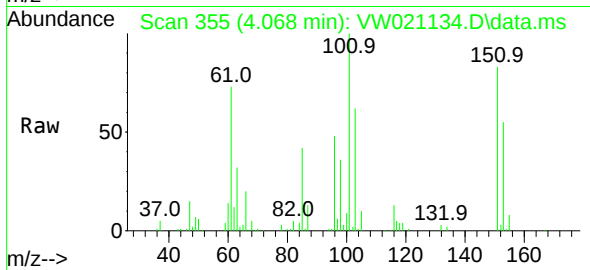




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.664 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

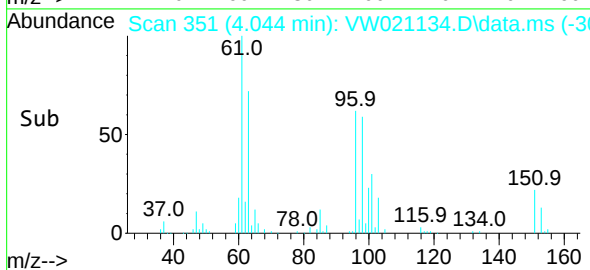
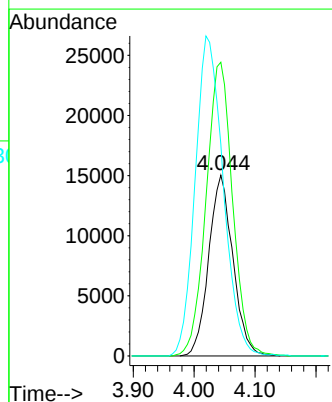
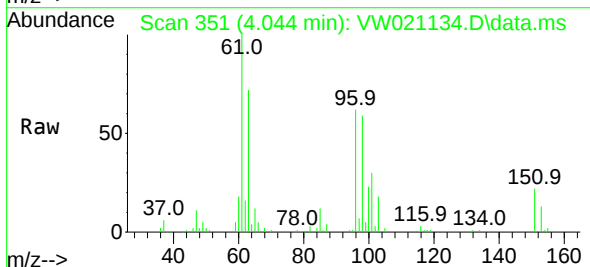
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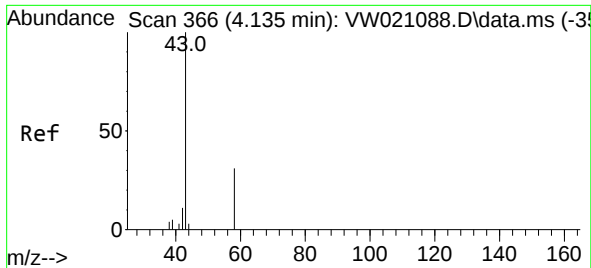
Tgt Ion:101 Resp: 44766
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.6 54.8
 151 81.6 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 24.276 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

Tgt Ion: 96 Resp: 41517
 Ion Ratio Lower Upper
 96 100
 61 162.6 138.3 256.9
 63 117.2 82.6 153.4





#13

Acetone

Concen: 37.947 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

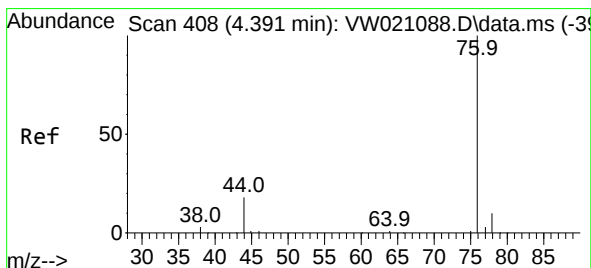
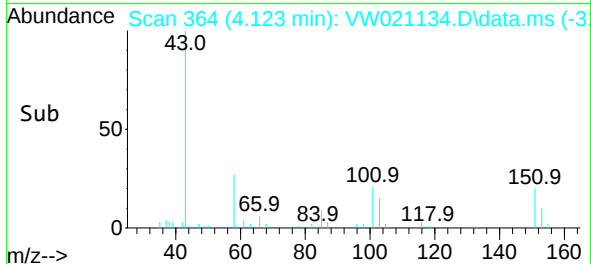
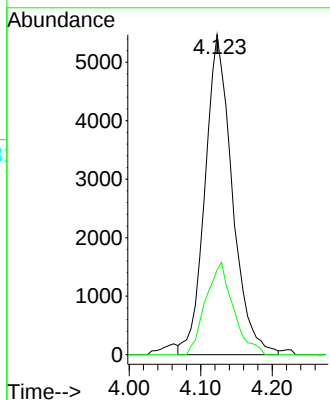
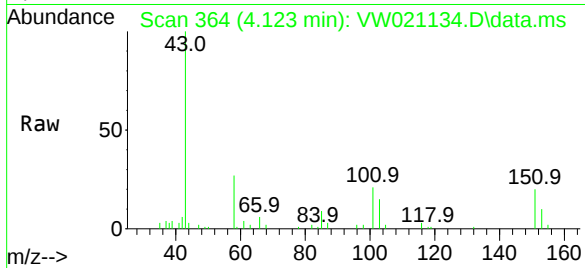
ClientSampleId :

Tgt Ion: 43 Resp: 14474

Ion Ratio Lower Upper

43 100

58 29.2 0.0 52.8



#14

Carbon disulfide

Concen: 24.082 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW021134.D

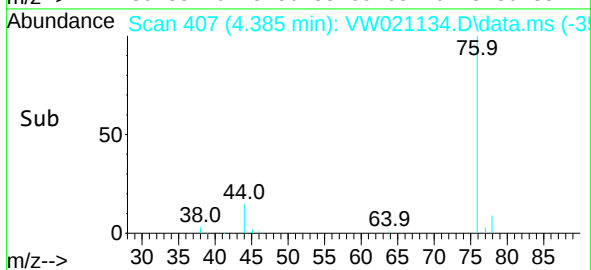
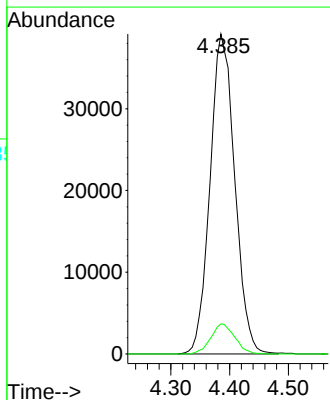
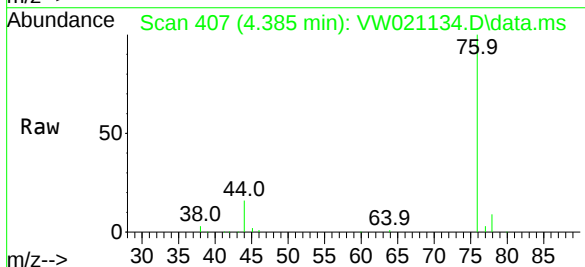
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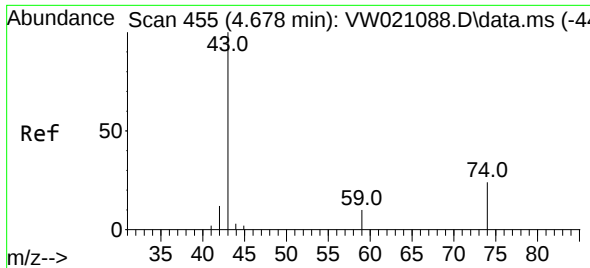
Tgt Ion: 76 Resp: 114320

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

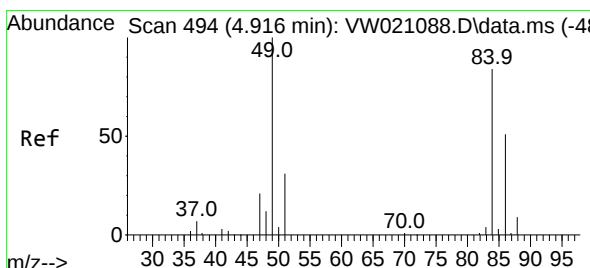
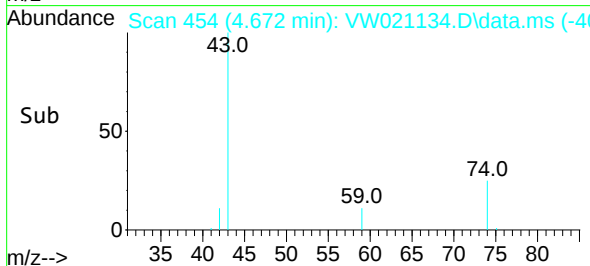
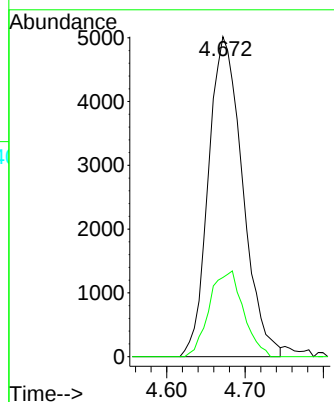
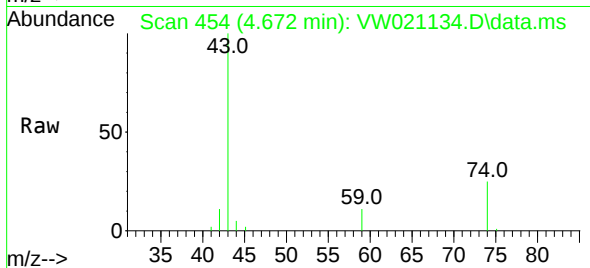




#15
Methyl Acetate
Concen: 21.970 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

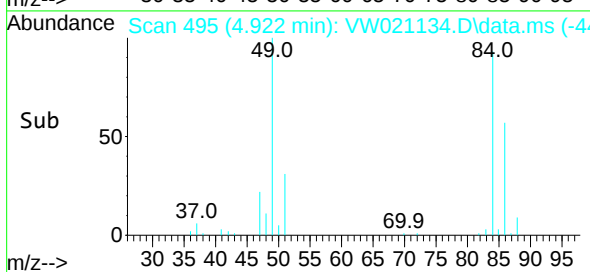
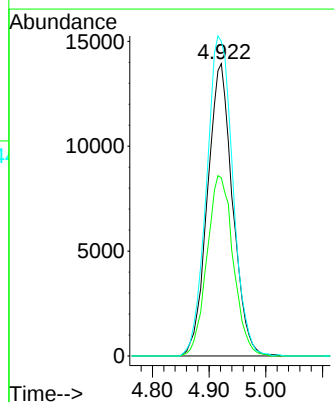
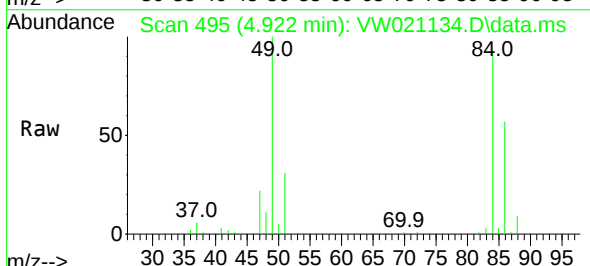
Instrument :
MSVOA_W
ClientSampleId :

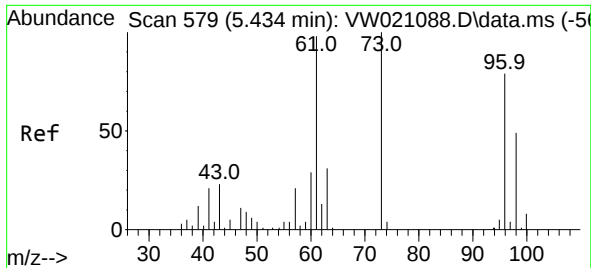
Tgt Ion: 43 Resp: 15194
Ion Ratio Lower Upper
43 100
74 26.6 16.4 24.6#



#16
Methylene chloride
Concen: 20.697 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion: 84 Resp: 42963
Ion Ratio Lower Upper
84 100
86 60.9 45.5 84.5
49 107.6 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.714 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

ClientSampleId :

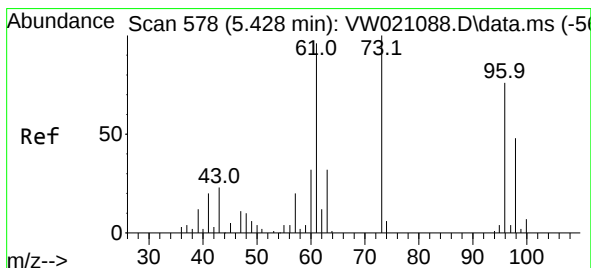
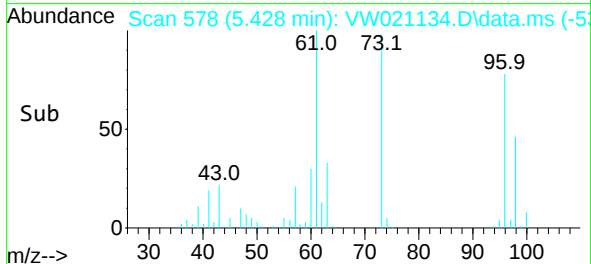
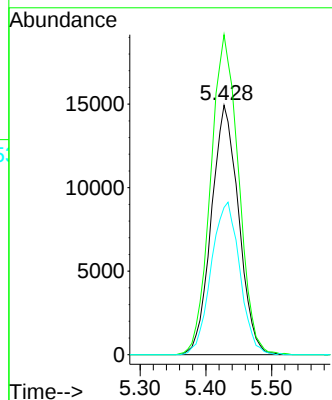
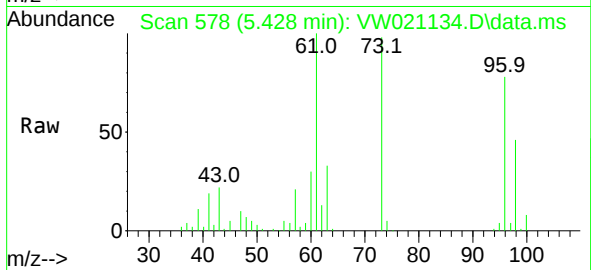
Tgt Ion: 96 Resp: 43182

Ion Ratio Lower Upper

96 100

61 128.2 107.4 199.4

98 59.0 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 24.702 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

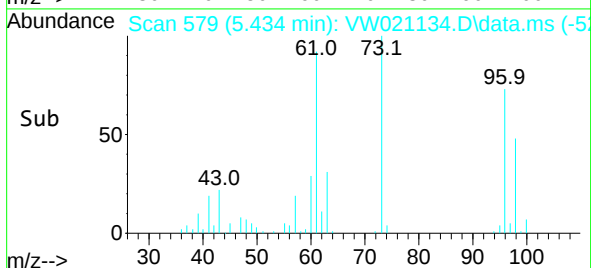
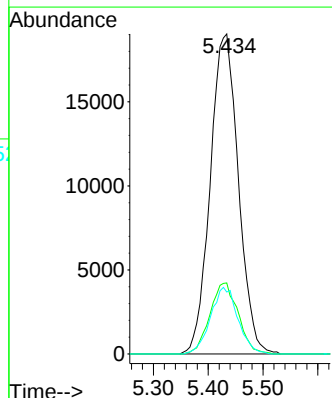
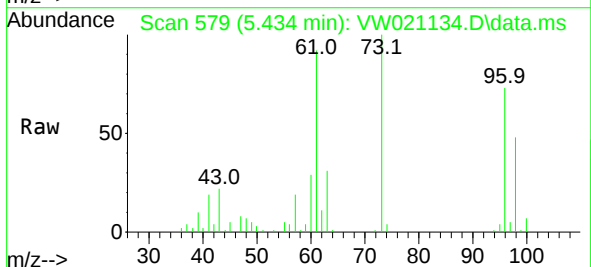
Tgt Ion: 73 Resp: 67891

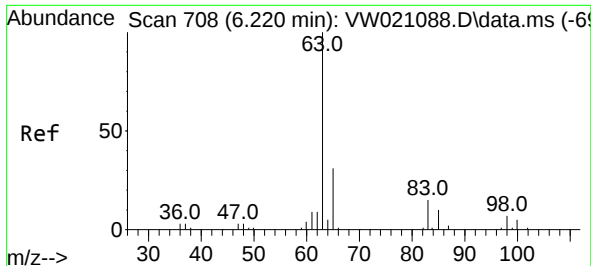
Ion Ratio Lower Upper

73 100

43 22.3 19.5 29.3

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.844 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

ClientSampleId :

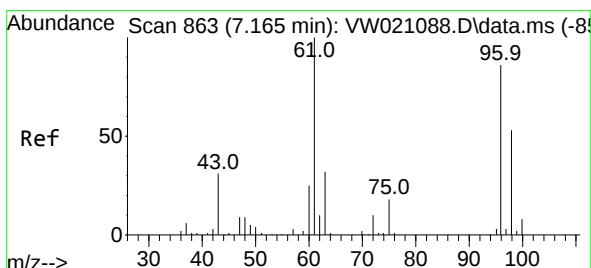
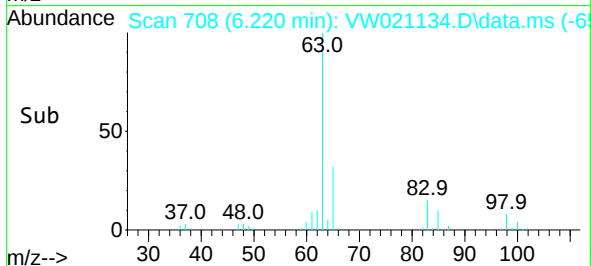
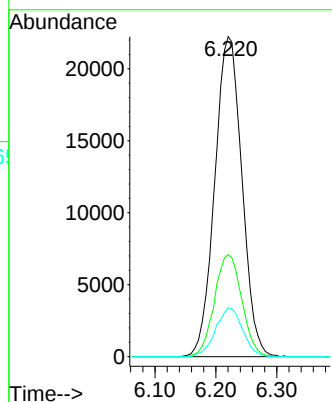
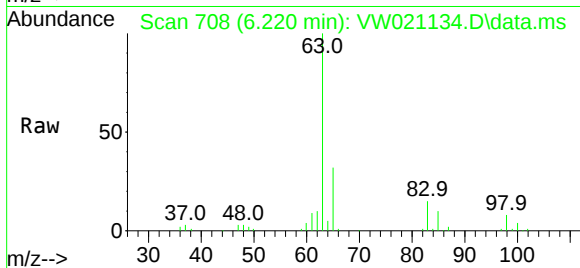
Tgt Ion: 63 Resp: 68848

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 15.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.570 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.012 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

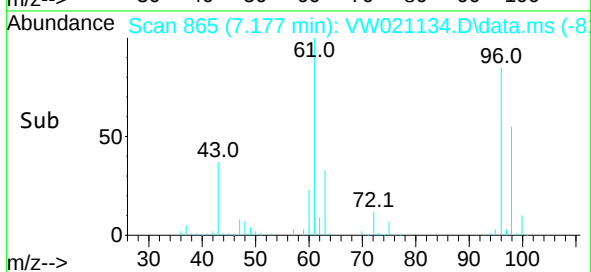
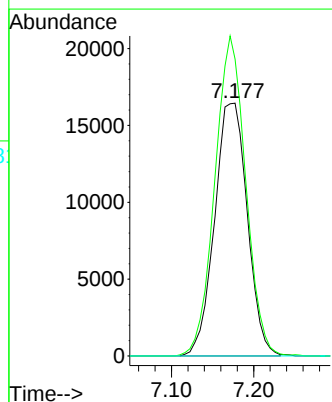
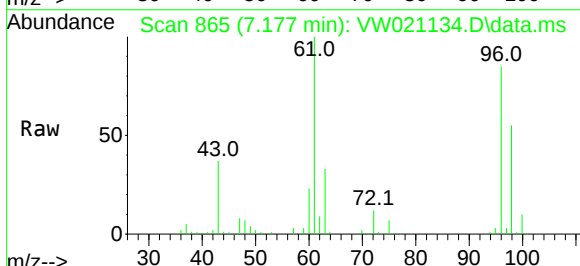
Tgt Ion: 96 Resp: 45534

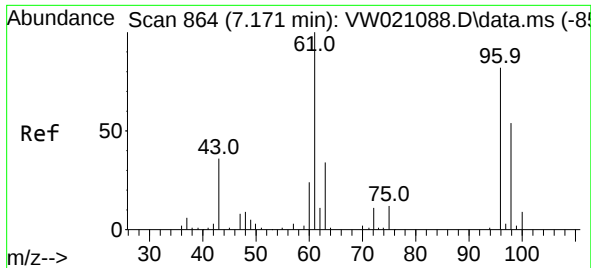
Ion Ratio Lower Upper

96 100

61 117.4 103.7 192.7

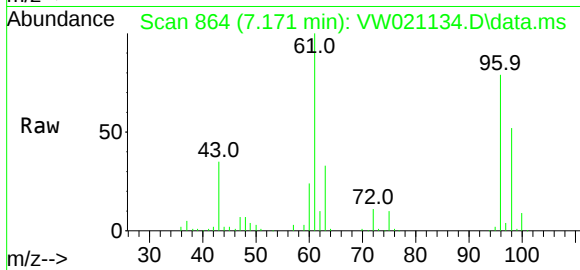
68 0.0 0.0 0.0



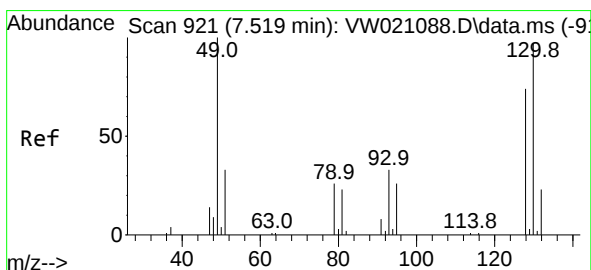
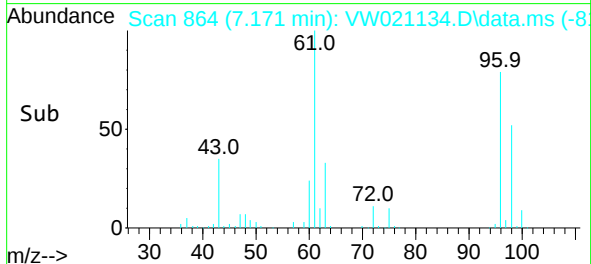
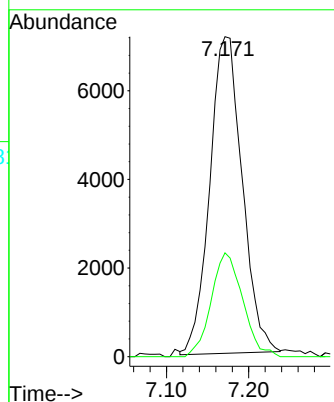


#22
2-Butanone
Concen: 37.151 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Instrument :
MSVOA_W
ClientSampleId :

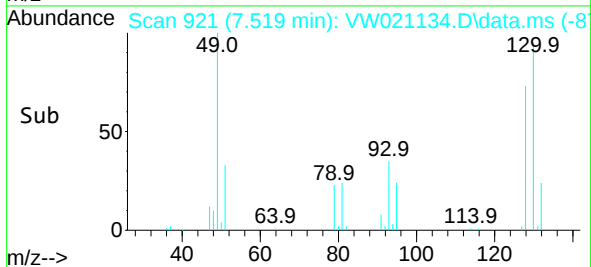
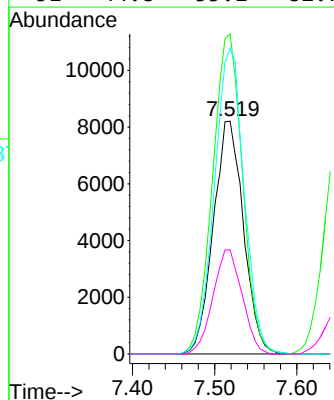
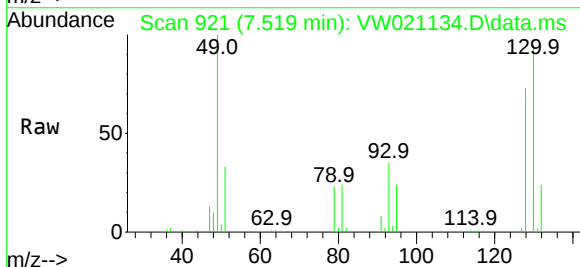


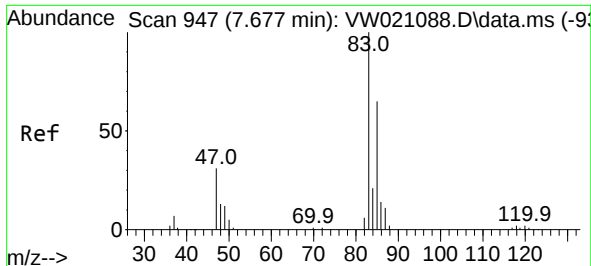
Tgt Ion: 43 Resp: 19610
Ion Ratio Lower Upper
43 100
72 31.4 11.8 35.4



#23
Bromochloromethane
Concen: 23.122 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion: 128 Resp: 20900
Ion Ratio Lower Upper
128 100
49 137.5 150.3 279.1#
130 131.1 88.3 163.9
51 44.8 55.1 82.7#

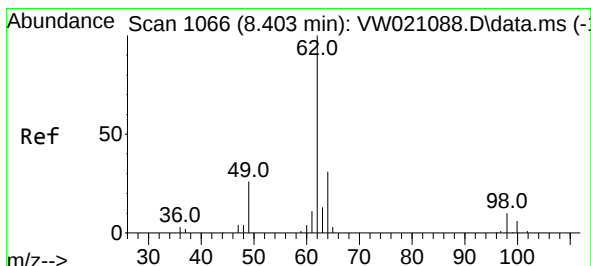
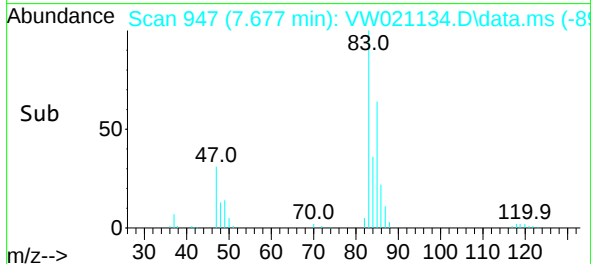
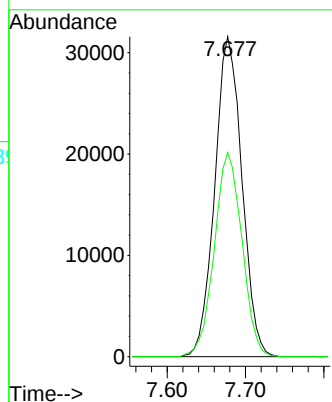
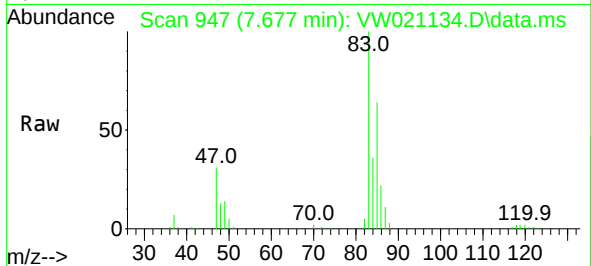




#25
Chloroform
Concen: 23.509 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

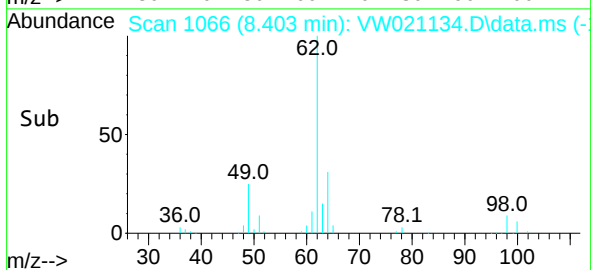
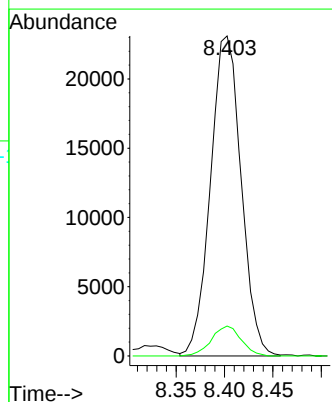
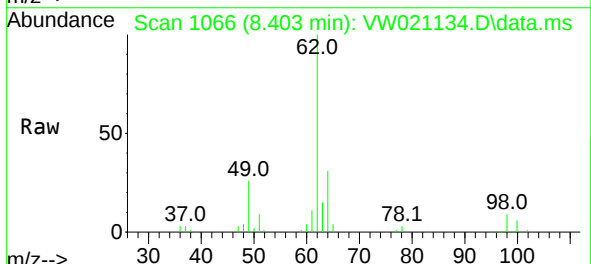
Instrument :
MSVOA_W
ClientSampleId :

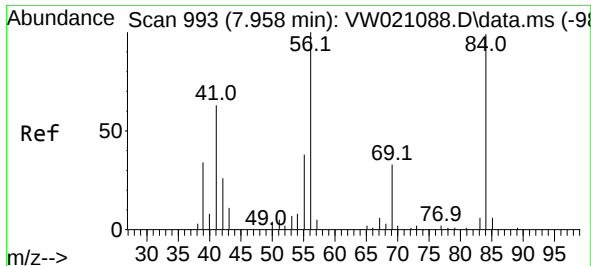
Tgt Ion: 83 Resp: 76197
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.036 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion: 62 Resp: 50962
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7





#29

Cyclohexane

Concen: 21.731 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

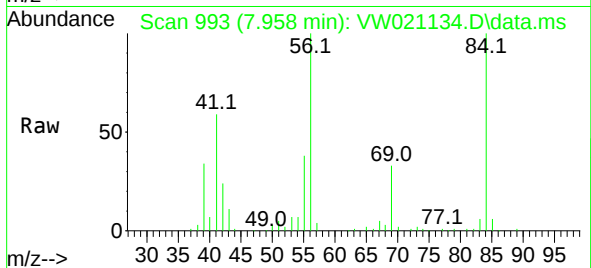
Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

ClientSampleId :



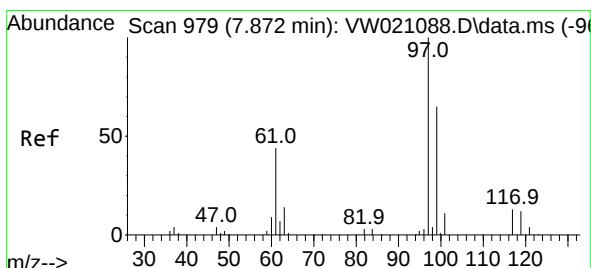
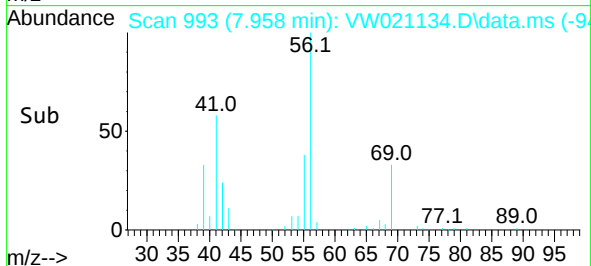
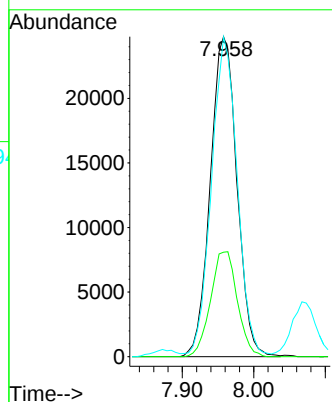
Tgt Ion: 56 Resp: 64126

Ion Ratio Lower Upper

56 100

69 32.9 23.5 35.3

84 96.7 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 21.679 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

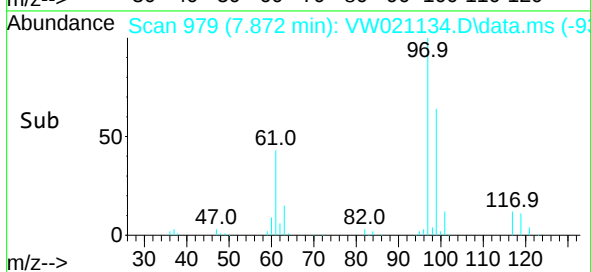
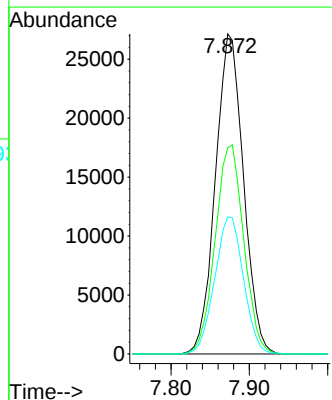
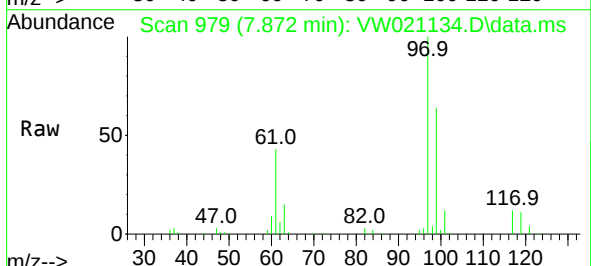
Tgt Ion: 97 Resp: 67613

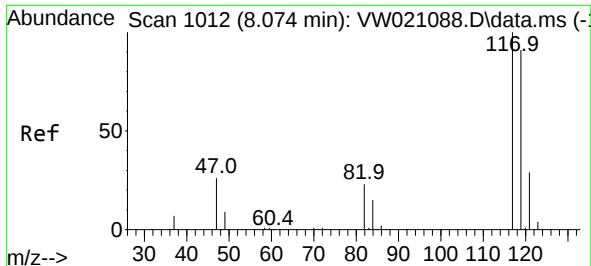
Ion Ratio Lower Upper

97 100

99 66.5 51.6 77.4

61 43.9 40.9 61.3

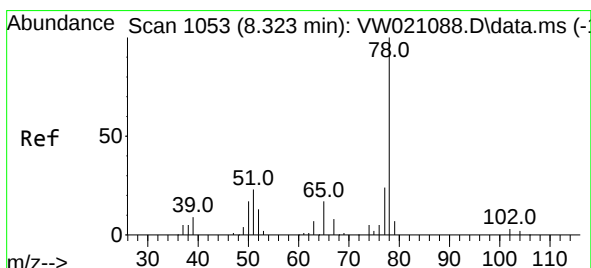
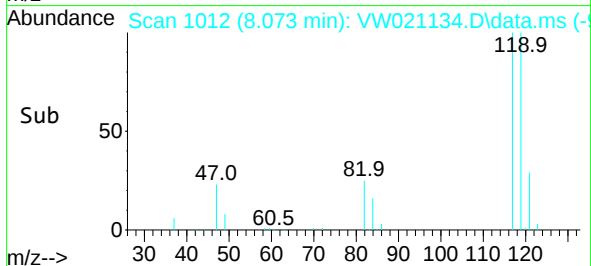
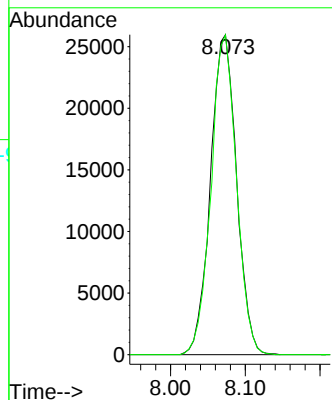
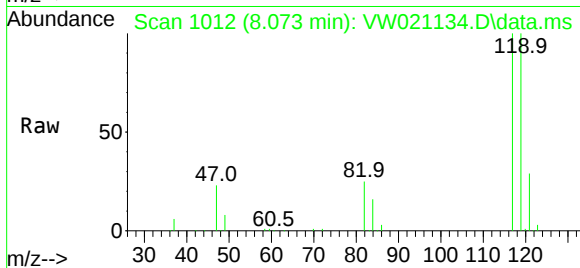




#31
Carbon tetrachloride
Concen: 21.768 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

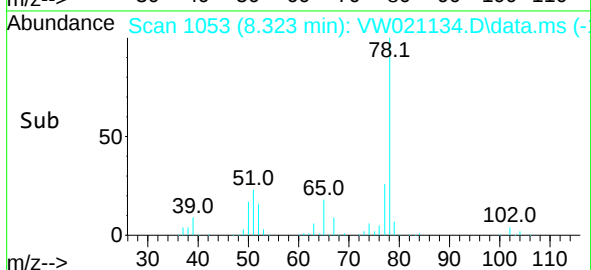
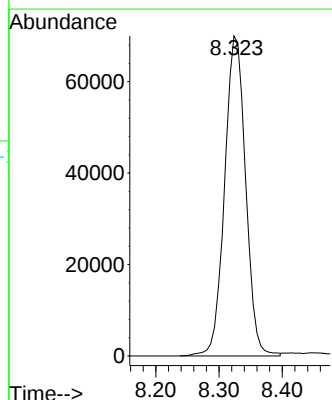
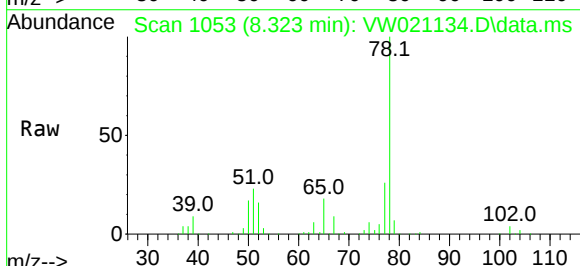
Instrument :
MSVOA_W
ClientSampleId :

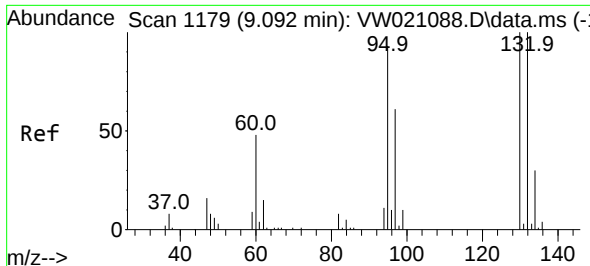
Tgt Ion:117 Resp: 63087
Ion Ratio Lower Upper
117 100
119 97.4 75.7 113.5



#33
Benzene
Concen: 21.215 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

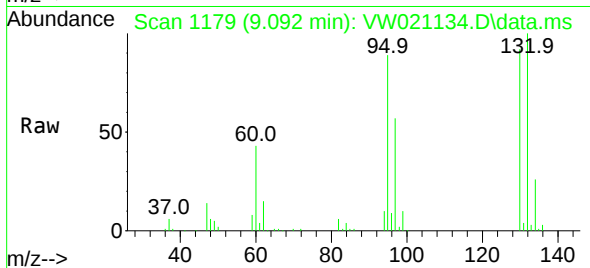
Tgt Ion: 78 Resp: 161373



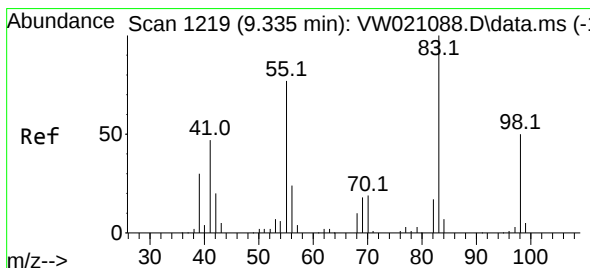
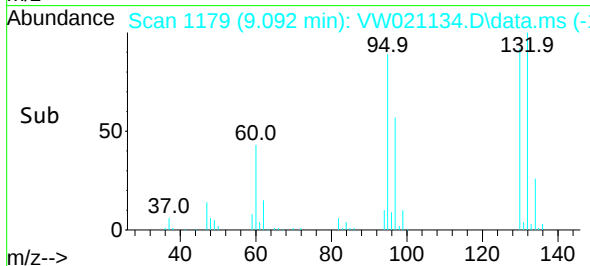
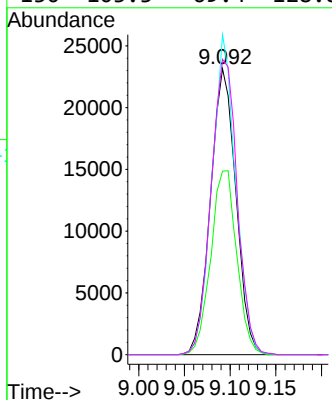


#34
Trichloroethene
Concen: 21.342 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Instrument :
MSVOA_W
ClientSampleId :

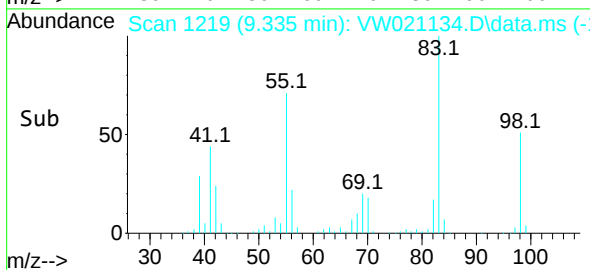
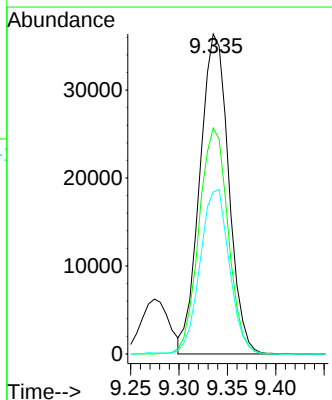
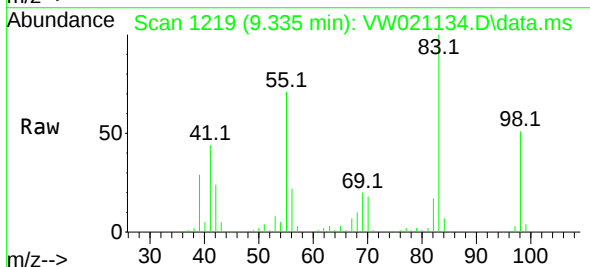


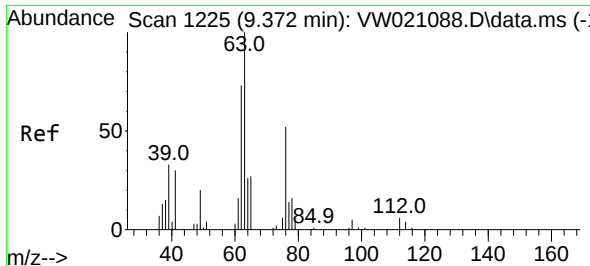
Tgt Ion: 95 Resp: 44788
Ion Ratio Lower Upper
95 100
97 64.2 47.0 87.2
132 111.9 65.5 121.6
130 103.3 69.4 128.8



#35
Methylcyclohexane
Concen: 21.325 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion: 83 Resp: 75329
Ion Ratio Lower Upper
83 100
55 71.3 70.8 106.2
98 52.3 37.7 56.5





#37

1,2-Dichloropropane

Concen: 21.070 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

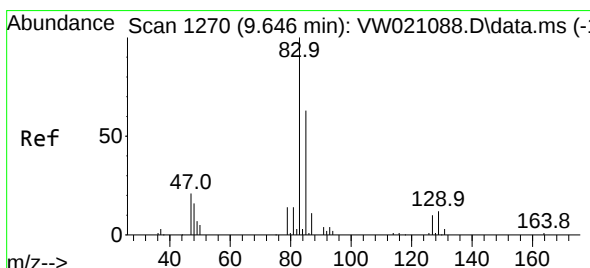
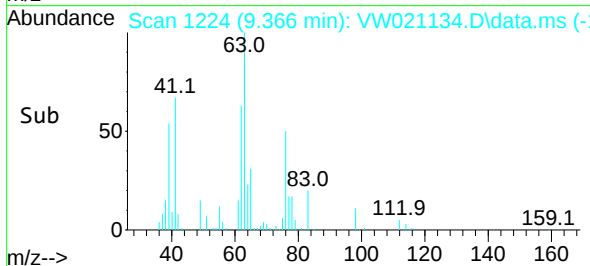
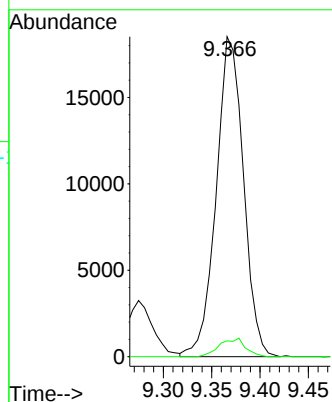
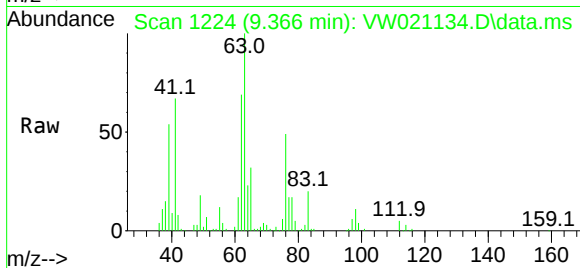
ClientSampleId :

Tgt Ion: 63 Resp: 36225

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 21.445 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

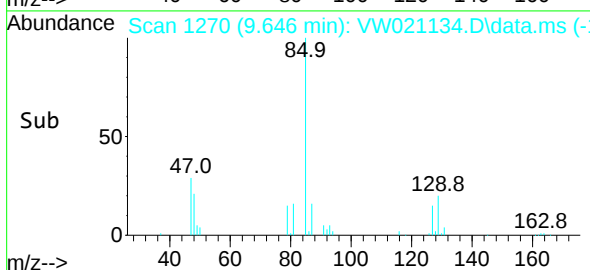
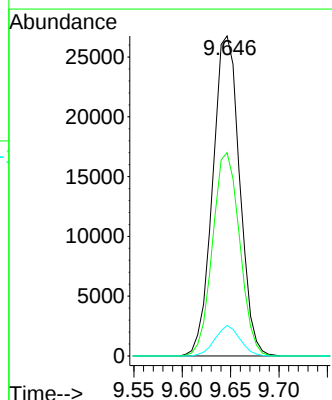
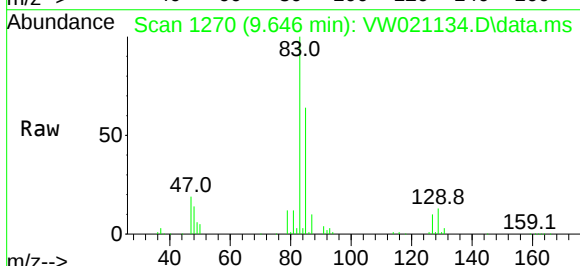
Tgt Ion: 83 Resp: 51829

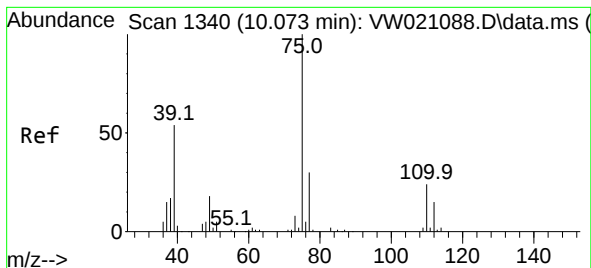
Ion Ratio Lower Upper

83 100

85 63.6 44.1 81.9

127 9.5 6.1 9.1#

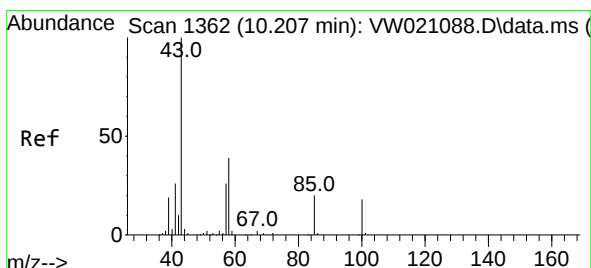
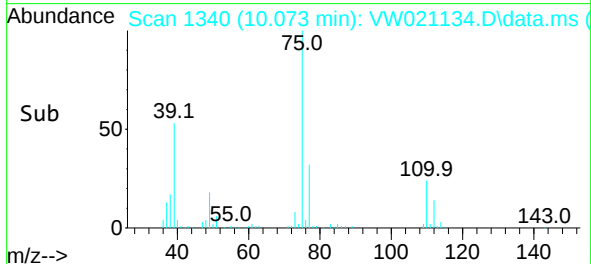
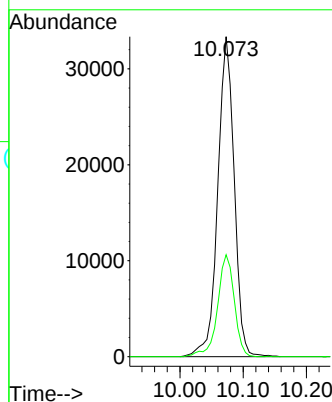
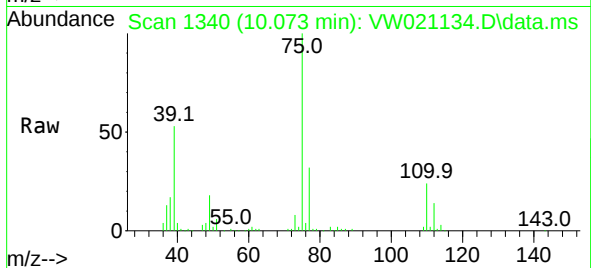




#39
 cis-1,3-Dichloropropene
 Concen: 21.592 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

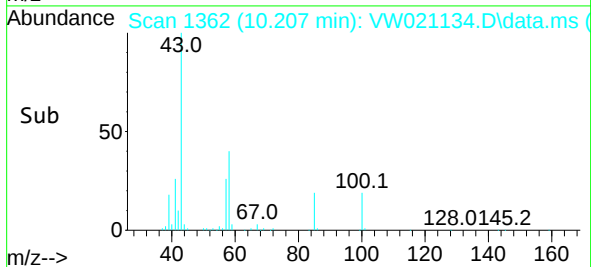
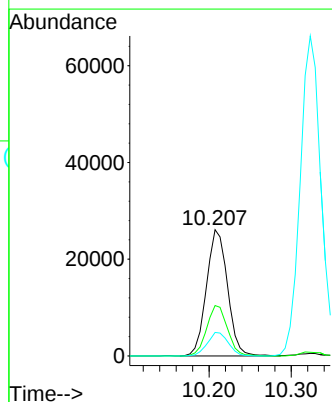
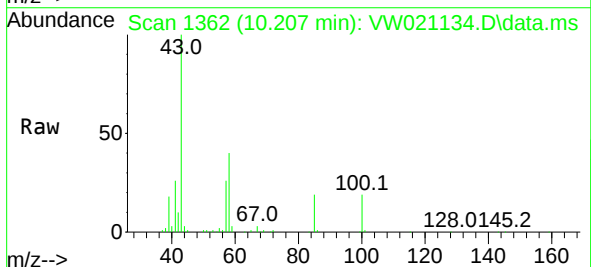
Instrument :
 MSVOA_W
 ClientSampleId :

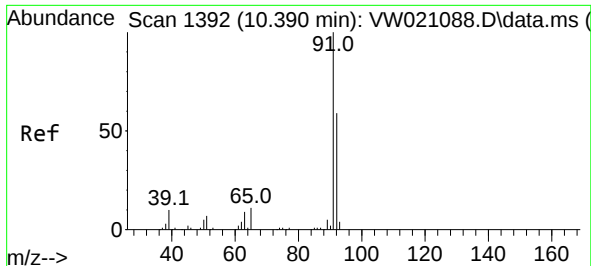
Tgt Ion: 75 Resp: 60046
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 39.707 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW021134.D
 Acq: 04 Dec 2021 21:40

Tgt Ion: 43 Resp: 46506
 Ion Ratio Lower Upper
 43 100
 58 39.3 28.8 43.2
 100 18.5 10.0 15.0#

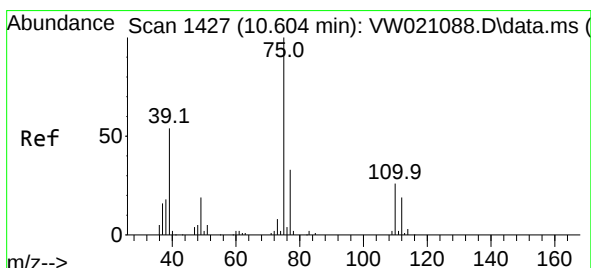
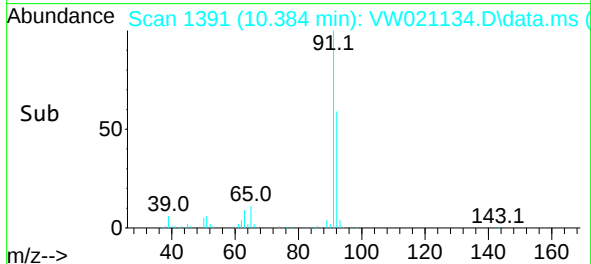
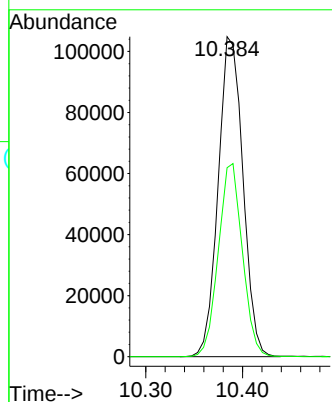
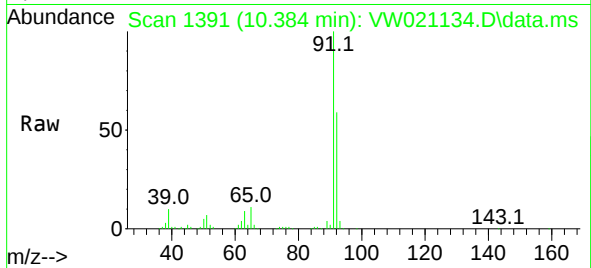




#42
Toluene
Concen: 21.423 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

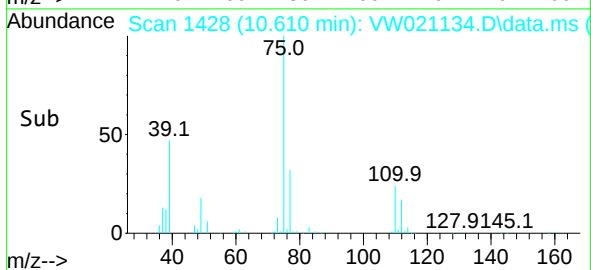
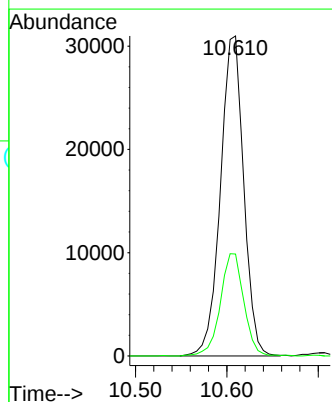
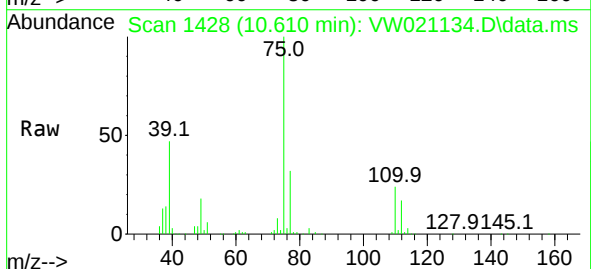
Instrument :
MSVOA_W
ClientSampleId :

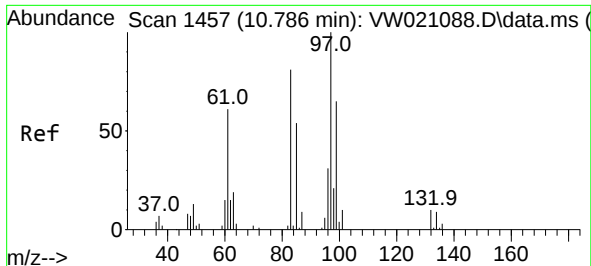
Tgt Ion: 91 Resp: 186131
Ion Ratio Lower Upper
91 100
92 59.1 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 21.758 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

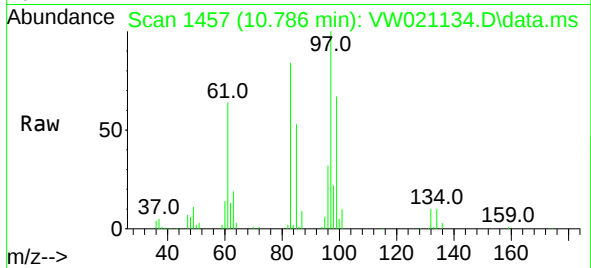
Tgt Ion: 75 Resp: 54742
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2





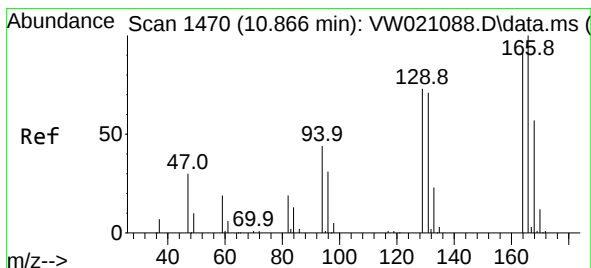
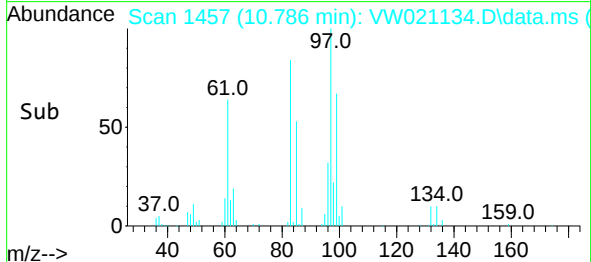
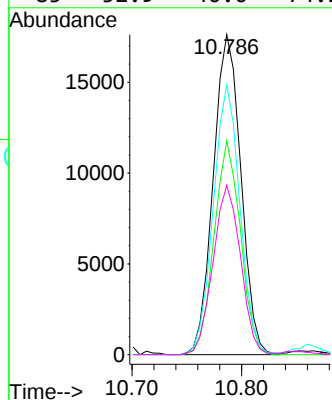
#45
1,1,2-Trichloroethane
Concen: 21.458 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 30929

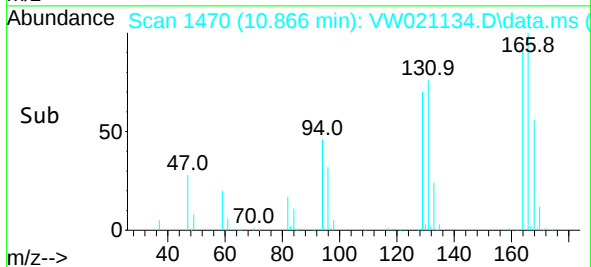
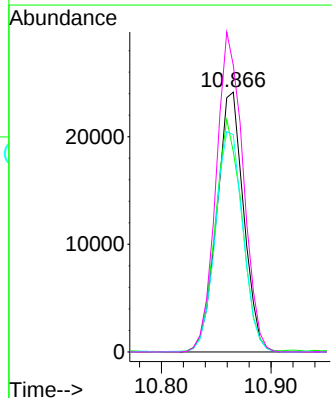
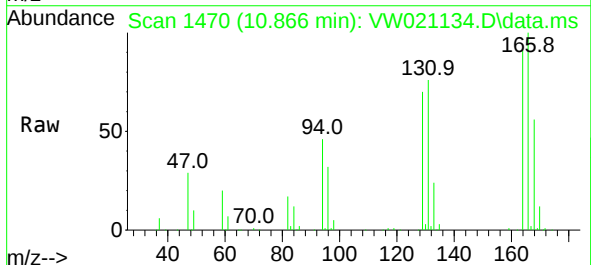
Ion	Ratio	Lower	Upper
97	100		
99	66.9	43.0	79.8
83	84.3	62.6	116.3
85	52.9	40.0	74.2

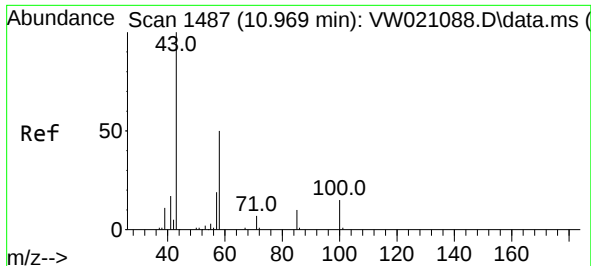


#46
Tetrachloroethene
Concen: 21.363 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion: 164 Resp: 41052

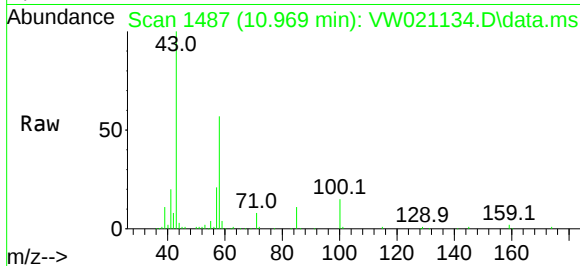
Ion	Ratio	Lower	Upper
164	100		
129	77.1	65.5	121.7
131	83.6	59.7	110.9
166	110.2	88.7	164.7



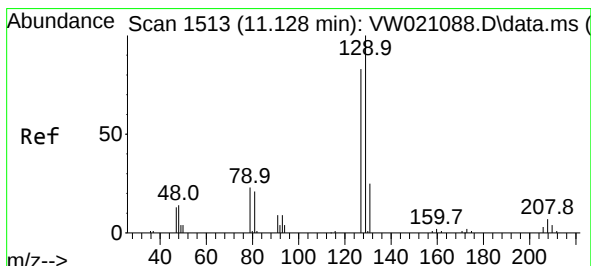
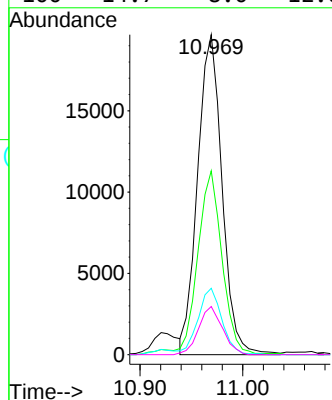
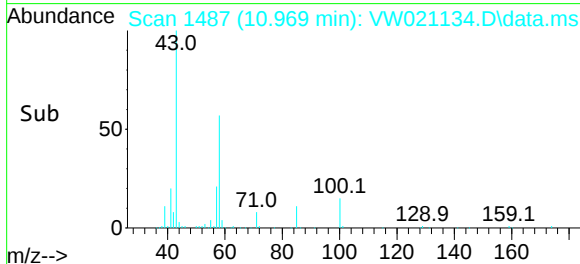


#48
2-Hexanone
Concen: 38.637 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Instrument :
MSVOA_W
ClientSampleId :

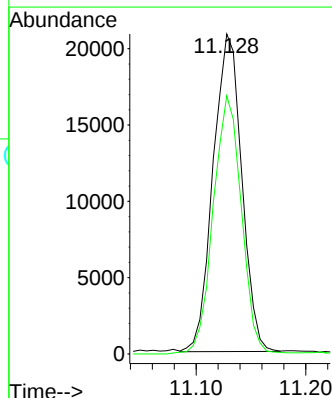
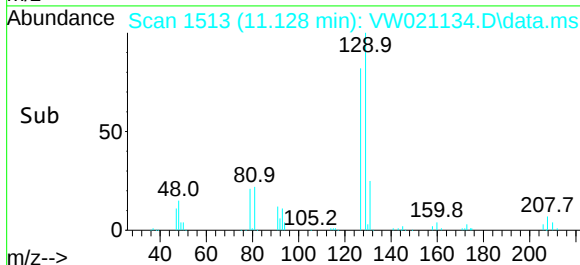
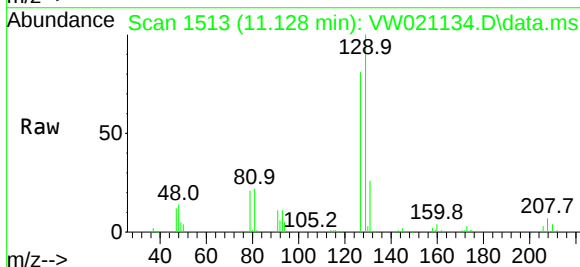


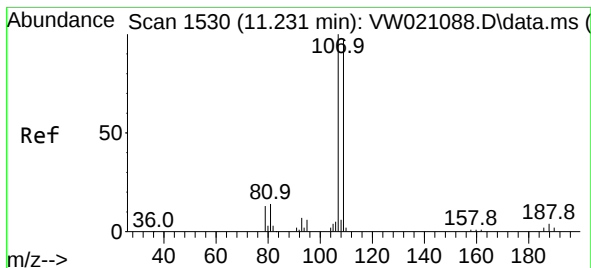
Tgt Ion: 43 Resp: 32644
Ion Ratio Lower Upper
43 100
58 56.4 40.2 60.2
57 19.8 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 20.974 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion: 129 Resp: 37785
Ion Ratio Lower Upper
129 100
127 80.7 55.7 103.5

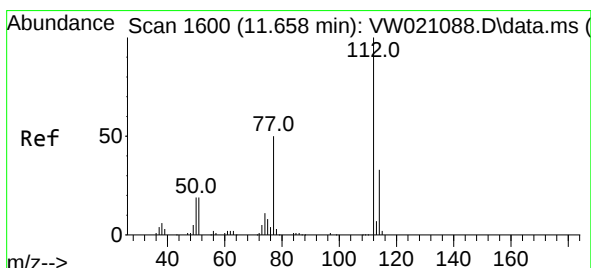
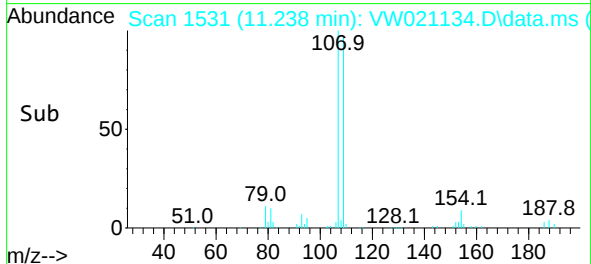
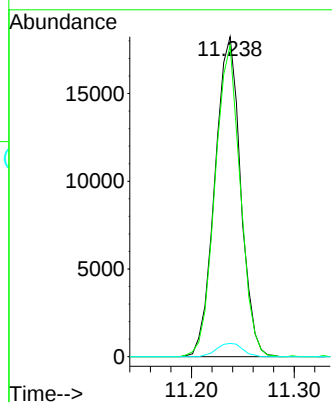
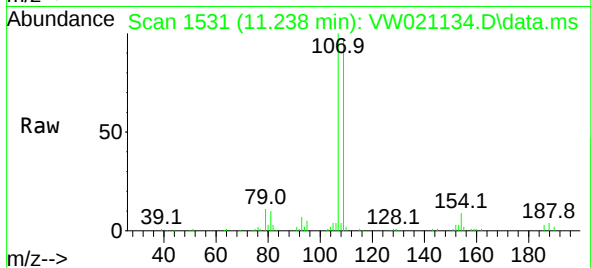




#50
1,2-Dibromoethane
Concen: 21.529 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

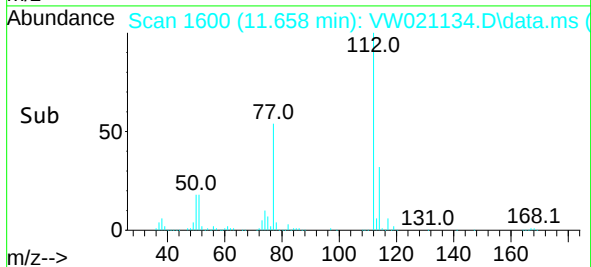
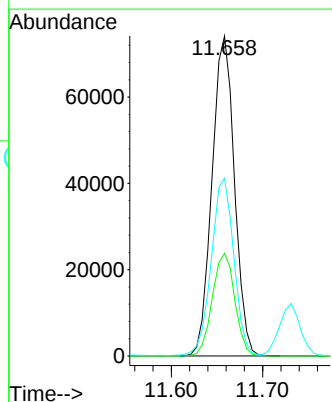
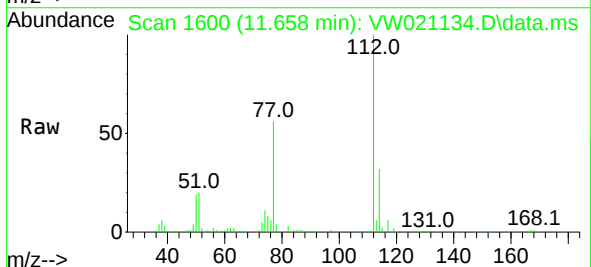
Instrument :
MSVOA_W
ClientSampleId :

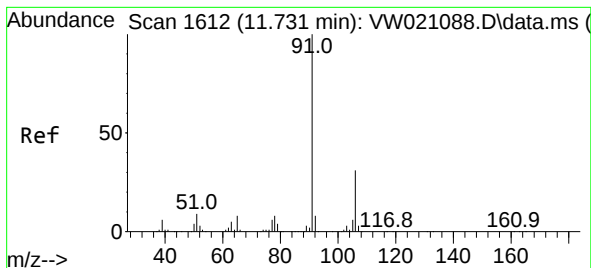
Tgt Ion:107 Resp: 31645
Ion Ratio Lower Upper
107 100
109 97.2 64.1 119.1
188 4.2 2.6 3.8#



#51
Chlorobenzene
Concen: 21.754 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion:112 Resp: 126291
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 55.6 50.2 75.4

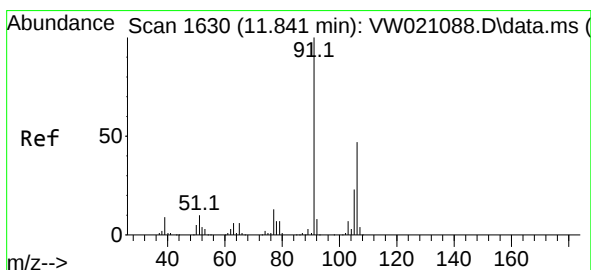
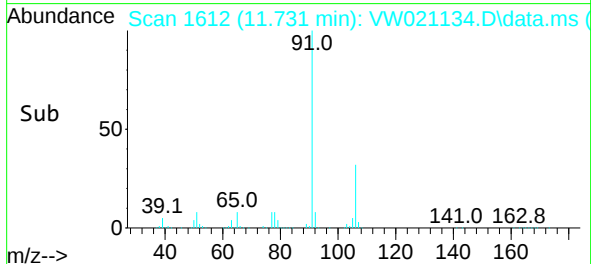
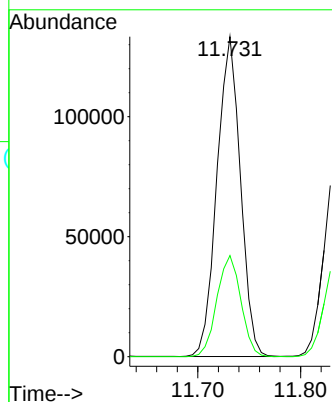
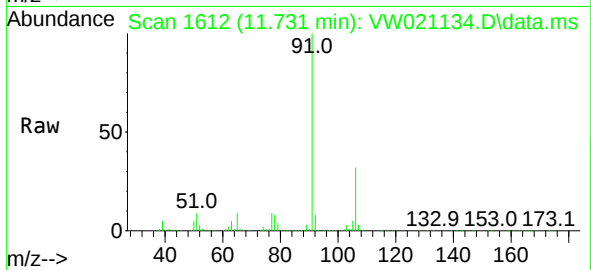




#52
Ethylbenzene
Concen: 21.566 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

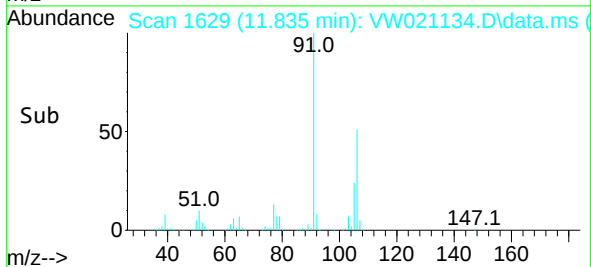
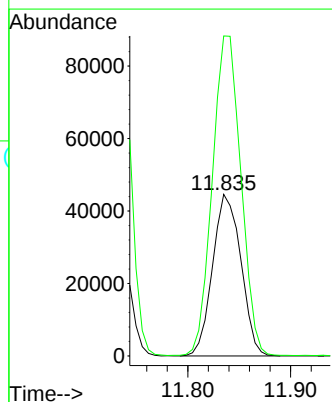
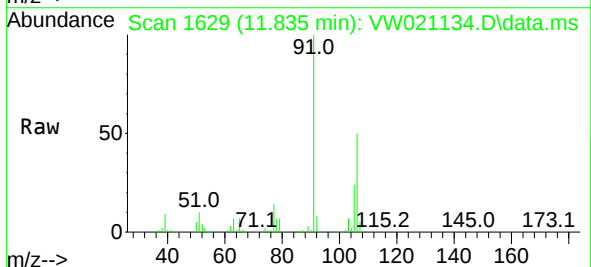
Instrument :
MSVOA_W
ClientSampleId :

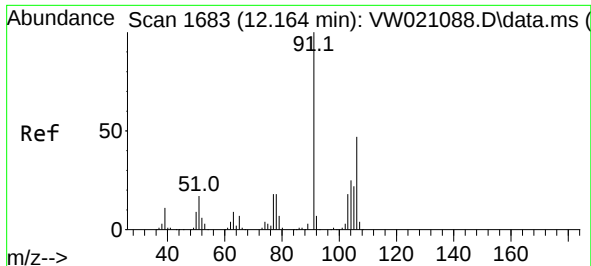
Tgt Ion: 91 Resp: 210939
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 21.095 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion:106 Resp: 85356
Ion Ratio Lower Upper
106 100
91 198.1 149.9 278.3

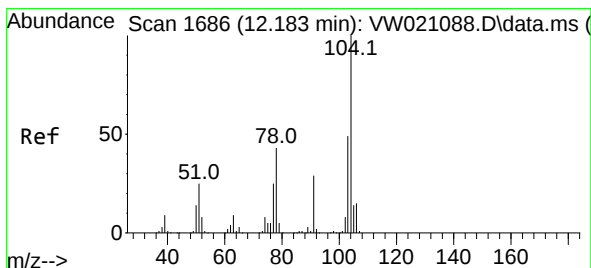
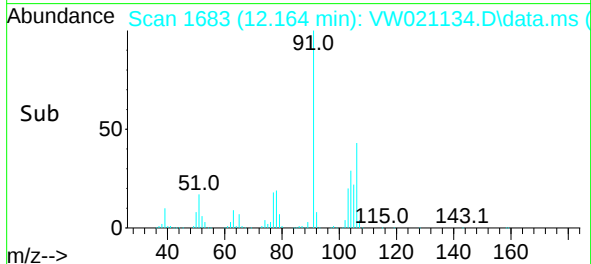
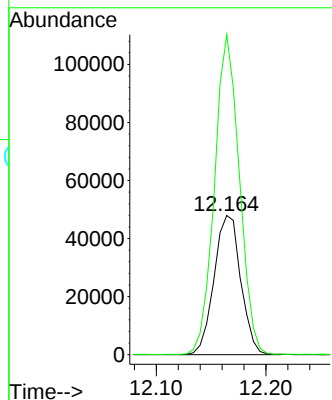
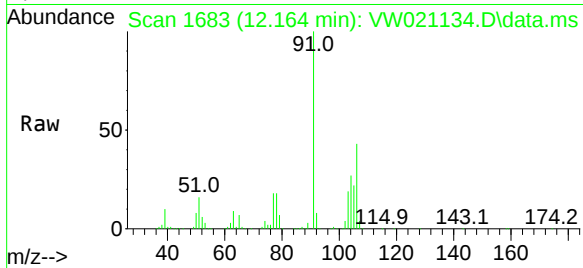




#54
o-Xylene
Concen: 21.272 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

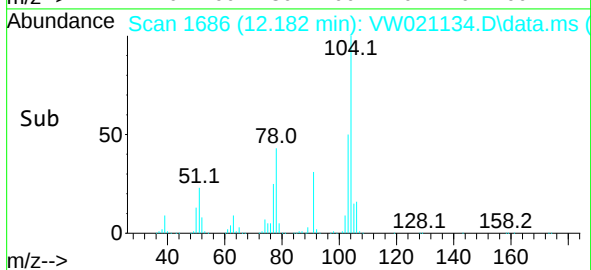
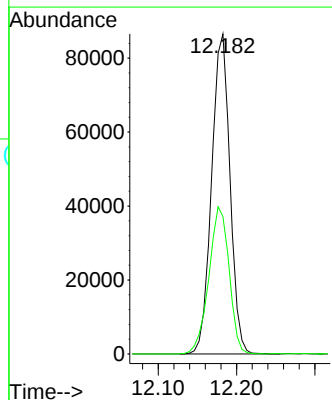
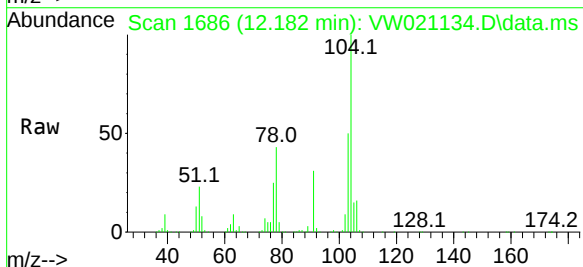
Instrument :
MSVOA_W
ClientSampleId :

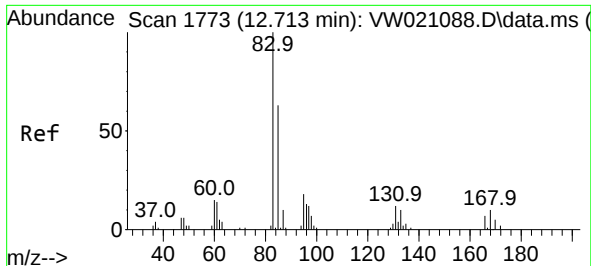
Tgt Ion:106 Resp: 81151
Ion Ratio Lower Upper
106 100
91 229.9 153.6 285.3



#55
Styrene
Concen: 21.662 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion:104 Resp: 140801
Ion Ratio Lower Upper
104 100
78 43.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.296 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021134.D

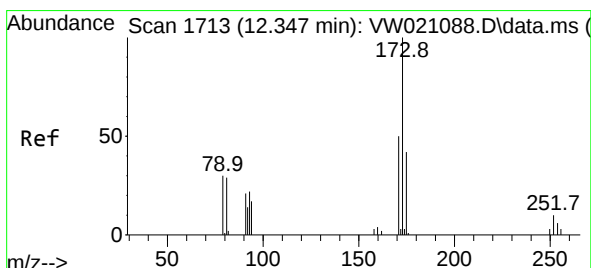
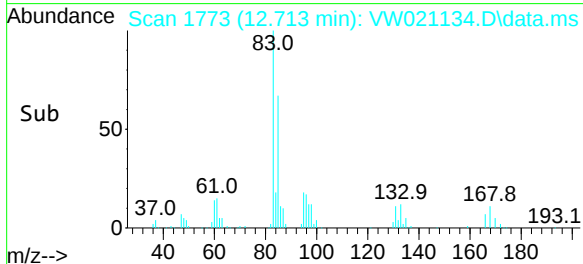
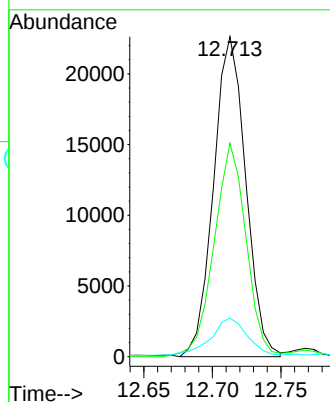
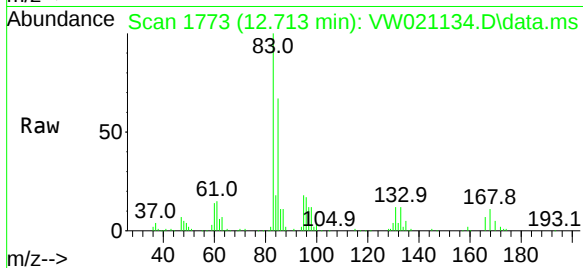
Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	36920
Ion Ratio	Lower	Upper
83	100	
85	66.7	44.0 81.6
131	12.1	6.9 10.3#



#59

Bromoform

Concen: 20.045 ug/L

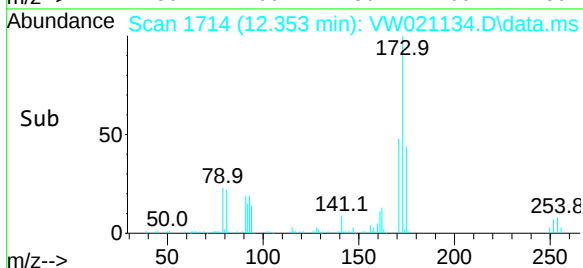
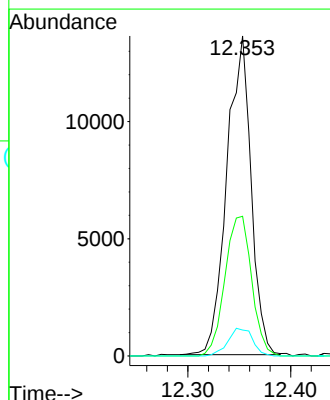
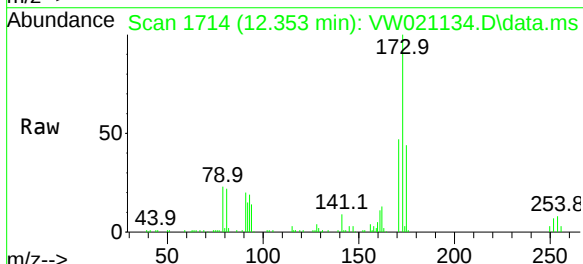
RT: 12.353 min Scan# 1714

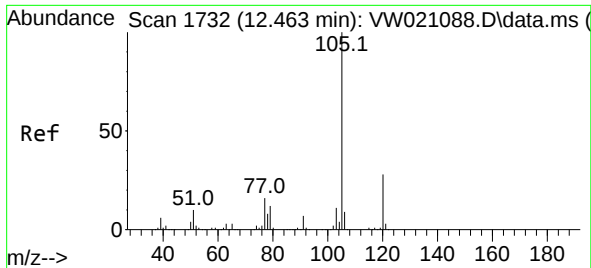
Delta R.T. 0.006 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

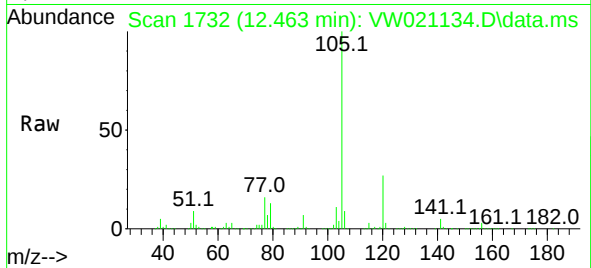
Tgt Ion: 173	Resp:	22229
Ion Ratio	Lower	Upper
173	100	
175	48.3	39.6 59.4
254	8.9	7.4 11.0



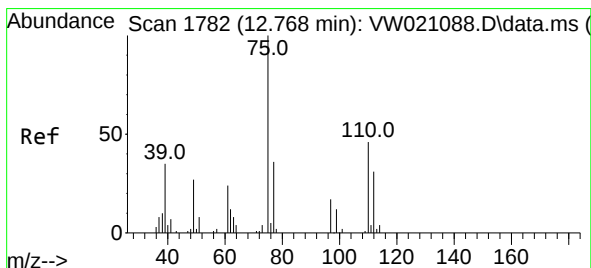
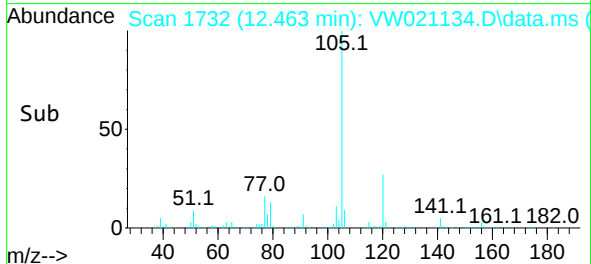
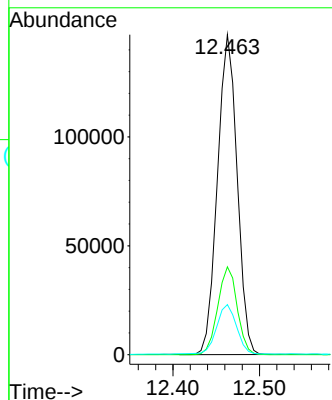


#60
Isopropylbenzene
Concen: 21.477 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Instrument :
MSVOA_W
ClientSampleId :

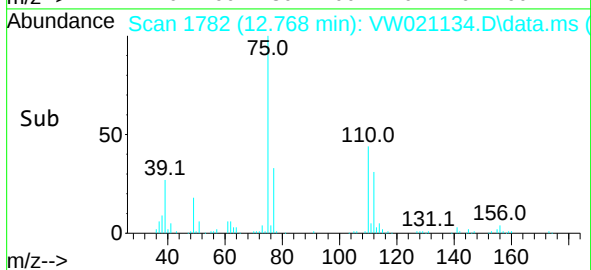
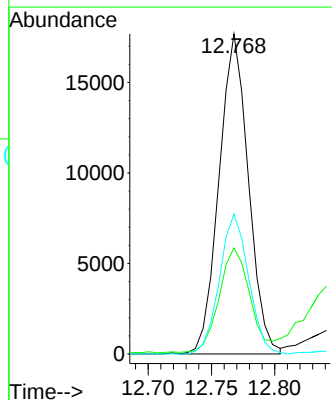
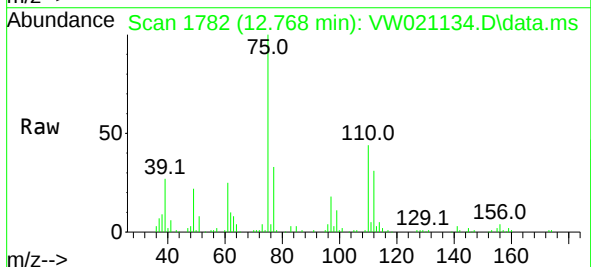


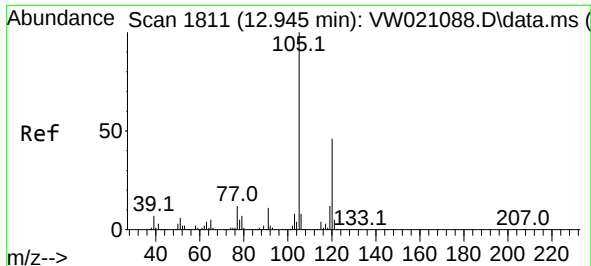
Tgt Ion:105 Resp: 232106
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 16.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 21.884 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion: 75 Resp: 28506
Ion Ratio Lower Upper
75 100
77 35.3 25.8 38.8
110 43.3 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 23.031 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

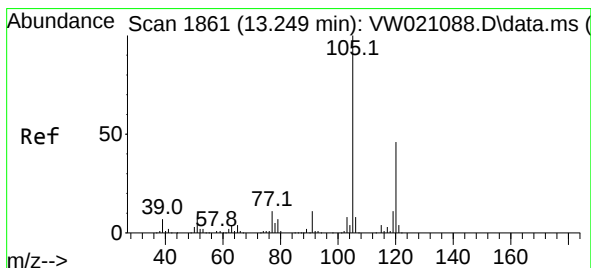
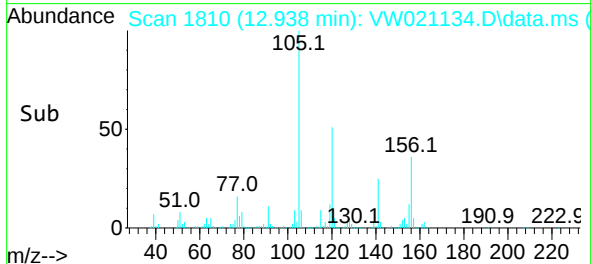
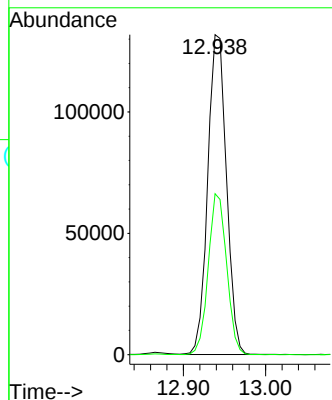
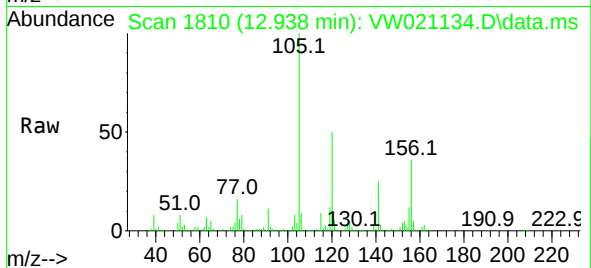
ClientSampleId :

Tgt Ion:105 Resp: 208431

Ion Ratio Lower Upper

105 100

120 49.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.282 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021134.D

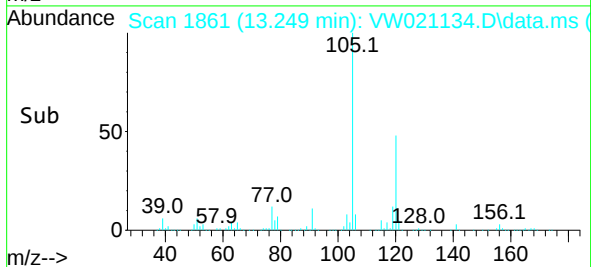
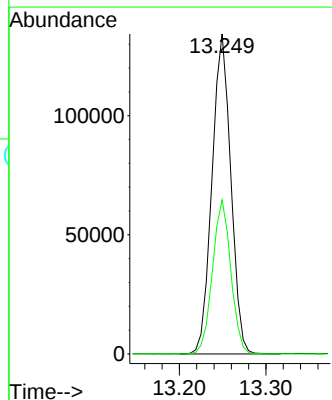
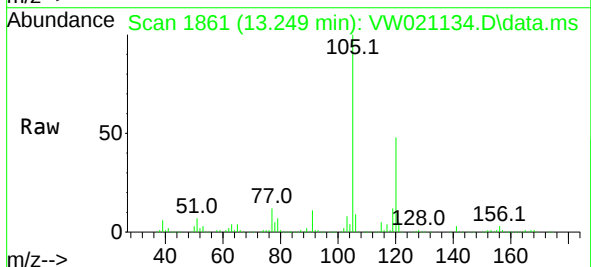
Acq: 04 Dec 2021 21:40

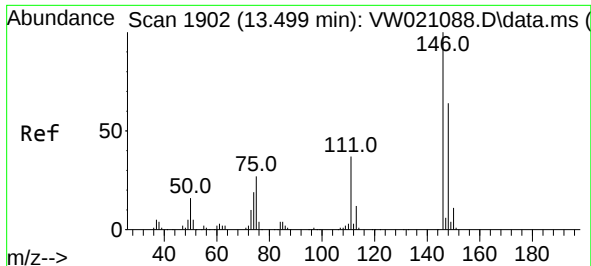
Tgt Ion:105 Resp: 202814

Ion Ratio Lower Upper

105 100

120 46.8 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 22.518 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

ClientSampleId :

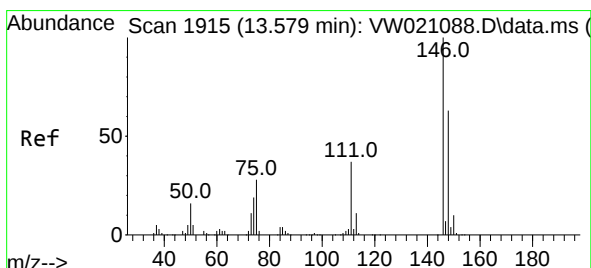
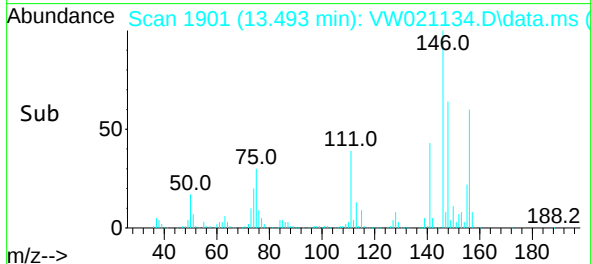
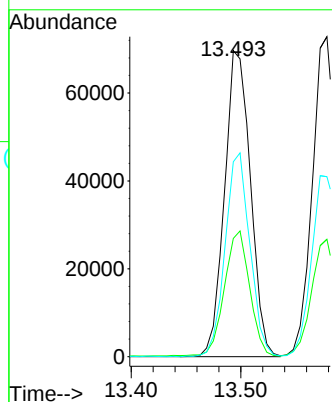
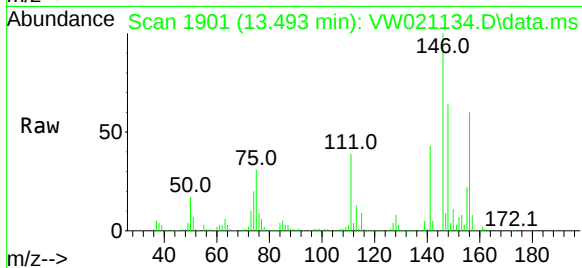
Tgt Ion:146 Resp: 114582

Ion Ratio Lower Upper

146 100

111 38.7 29.8 55.3

148 63.7 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 22.497 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

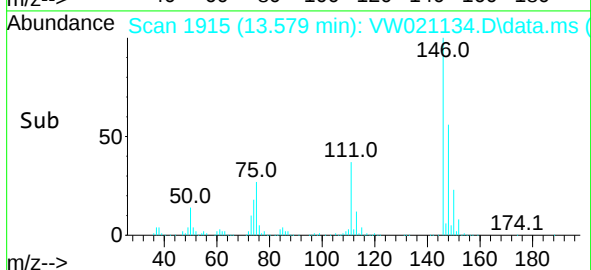
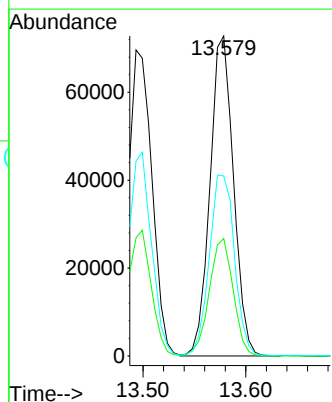
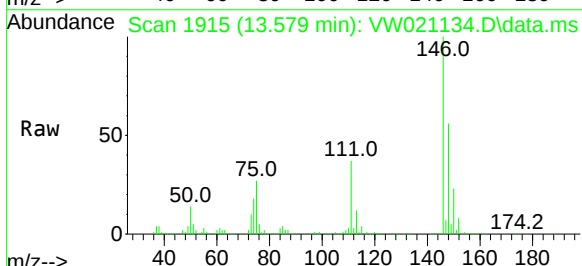
Tgt Ion:146 Resp: 115699

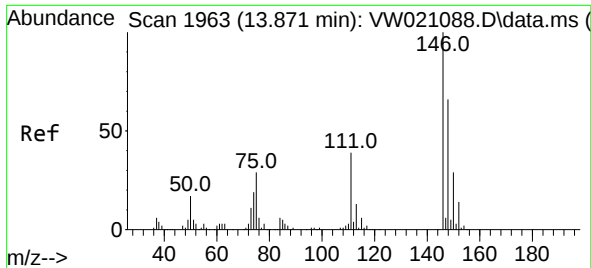
Ion Ratio Lower Upper

146 100

111 36.7 29.0 53.9

148 56.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.443 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021134.D

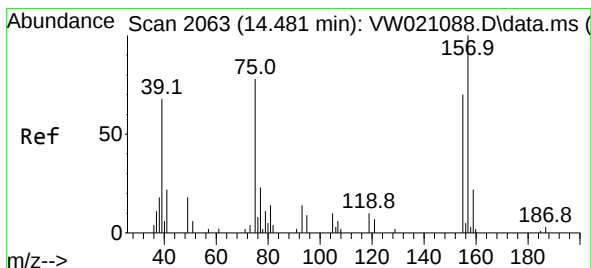
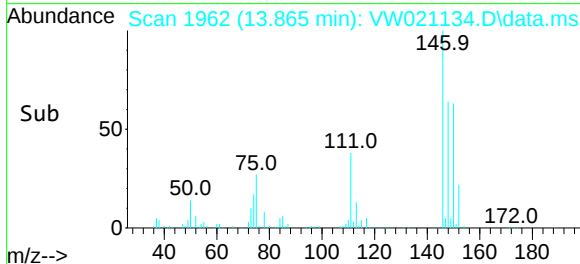
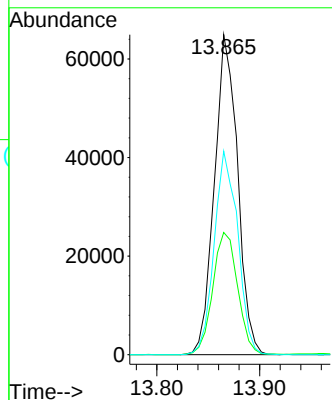
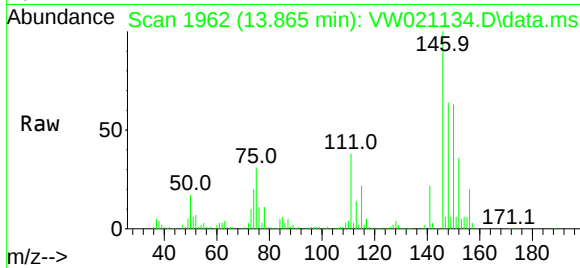
Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	101681
Ion Ratio	Lower	Upper
146	100	
111	38.2	33.1 49.7
148	63.6	47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 28.982 ug/L

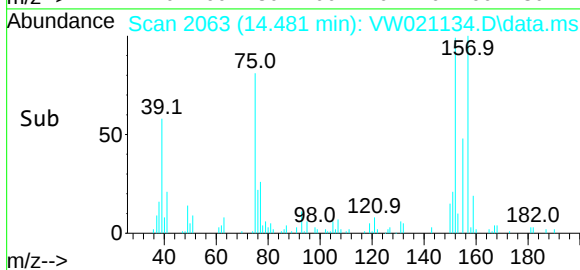
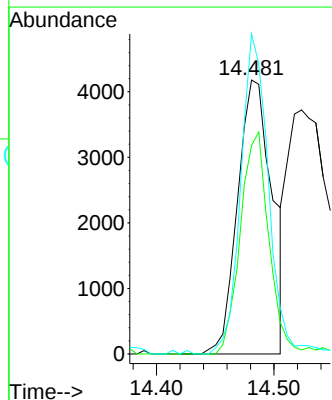
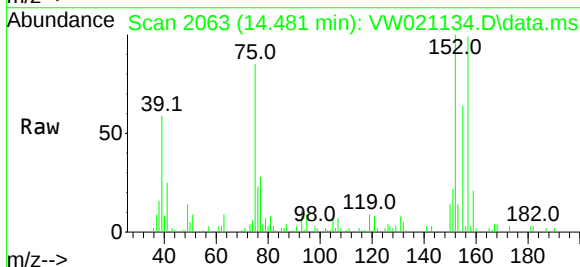
RT: 14.481 min Scan# 2063

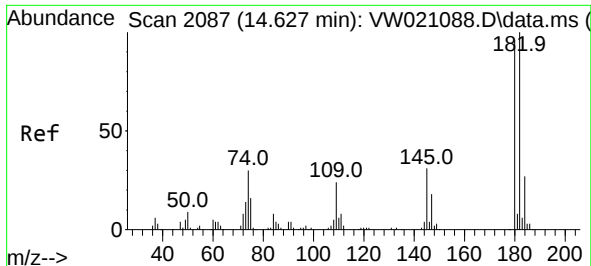
Delta R.T. -0.000 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Tgt Ion: 75	Resp:	8525
Ion Ratio	Lower	Upper
75	100	
155	76.2	54.2 81.2
157	116.8	69.4 104.2

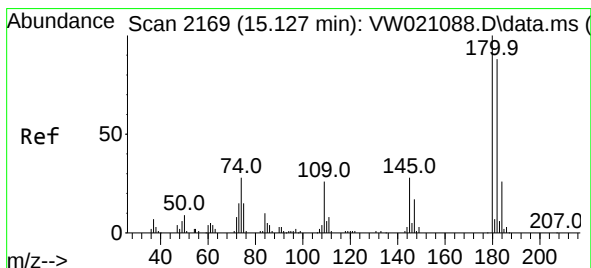
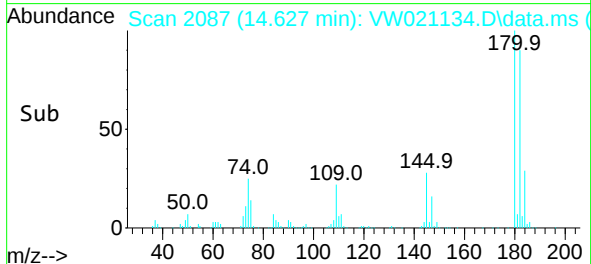
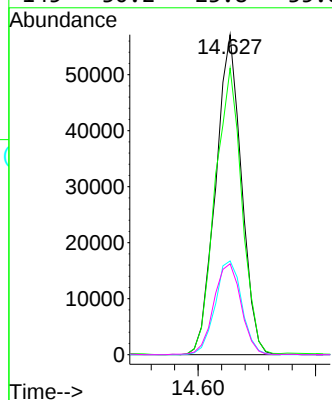
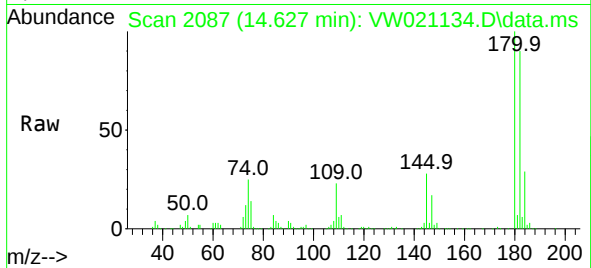




#69
1,3,5-Trichlorobenzene
Concen: 23.260 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

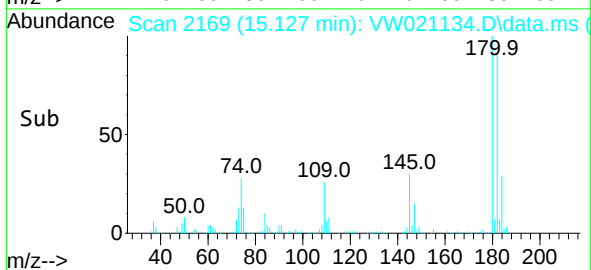
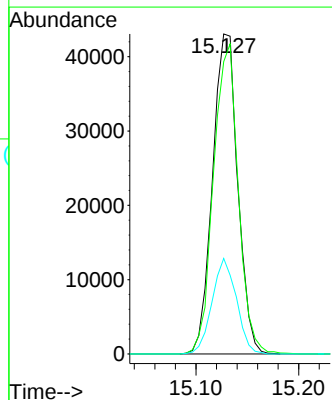
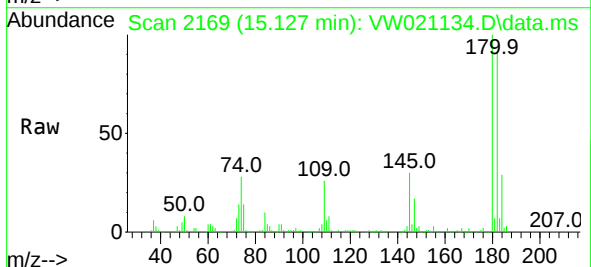
Instrument :
MSVOA_W
ClientSampleId :

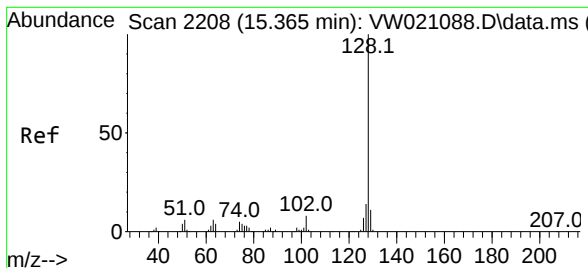
Tgt Ion:180 Resp: 86987
Ion Ratio Lower Upper
180 100
182 92.9 75.4 113.0
184 30.2 23.8 35.8
145 30.2 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.824 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021134.D
Acq: 04 Dec 2021 21:40

Tgt Ion:180 Resp: 73213
Ion Ratio Lower Upper
180 100
182 95.5 79.0 118.6
145 28.8 26.0 39.0





#71

Naphthalene

Concen: 31.326 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Instrument :

MSVOA_W

ClientSampleId :

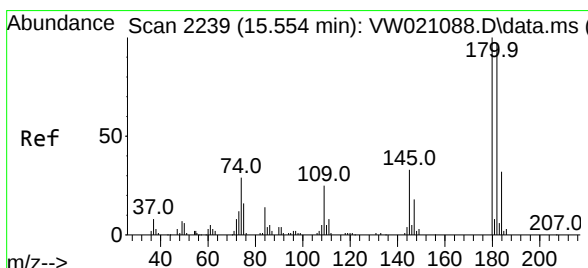
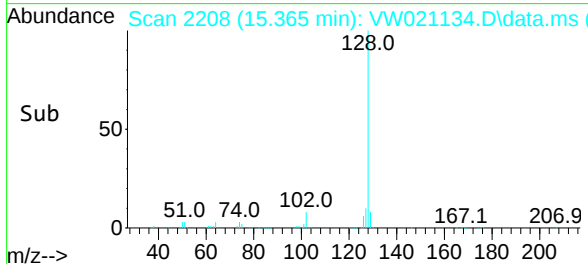
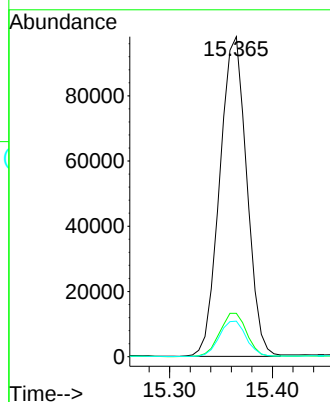
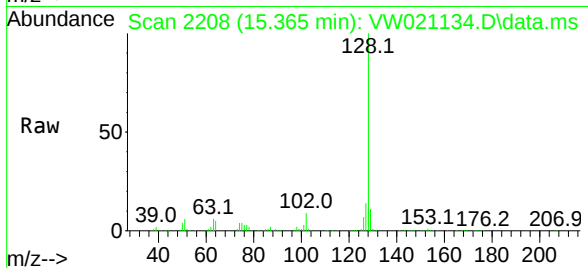
Tgt Ion:128 Resp: 178956

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.935 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW021134.D

Acq: 04 Dec 2021 21:40

Tgt Ion:180 Resp: 58829

Ion Ratio Lower Upper

180 100

182 99.2 76.6 114.8

145 34.2 27.4 41.0

