

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021649.D
 Acq On : 25 Dec 2021 16:33
 Operator : SY/VA
 Sample : M5174-11MSDRE
 Misc : 3.49g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:41:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	88313	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	70418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24804	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	24828	15.436	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.760%
7) Chloroethane-d5	2.885	69	19524	18.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.440%
11) 1,1-Dichloroethene-d2	4.025	63	42077	19.623	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.480%
21) 2-Butanone-d5	7.080	46	20943	92.373	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.740%#
24) Chloroform-d	7.647	84	62497	25.394	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.560%
26) 1,2-Dichloroethane-d4	8.305	65	37054	28.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	8.275	84	97666	25.303	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	9.274	67	32085	30.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.000%#
41) Toluene-d8	10.323	98	86053	21.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.280%
43) trans-1,3-Dichloroprop...	10.579	79	13975	29.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.280%
47) 2-Hexanone-d5	10.920	63	16747	109.405	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	218.820%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	33648	37.812	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	151.240%#
66) 1,2-Dichlorobenzene-d4	13.847	152	19153	19.924	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10997	32.228	ug/L	100
3) Chloromethane	2.215	50	25541	22.609	ug/L	99
5) Vinyl chloride	2.361	62	35361	19.940	ug/L	99
6) Bromomethane	2.776	94	20497	17.819	ug/L	98
8) Chloroethane	2.922	64	16768	20.524	ug/L	98
9) Trichlorofluoromethane	3.257	101	19587	20.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	28580	23.437	ug/L	89
12) 1,1-Dichloroethene	4.038	96	25437	23.237	ug/L	84
13) Acetone	4.129	43	14572	71.695	ug/L	95
14) Carbon disulfide	4.385	76	52749	18.659	ug/L	100
15) Methyl Acetate	4.678	43	13237	37.745	ug/L	# 87
16) Methylene chloride	4.915	84	29324	20.096	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	27126	22.886	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	56074	34.254	ug/L	95
19) 1,1-Dichloroethane	6.220	63	49840	26.797	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	31298	25.035	ug/L	74
22) 2-Butanone	7.177	43	18398	69.314	ug/L	84
23) Bromochloromethane	7.519	128	16509	28.242	ug/L	# 60
25) Chloroform	7.677	83	57318	26.547	ug/L	98

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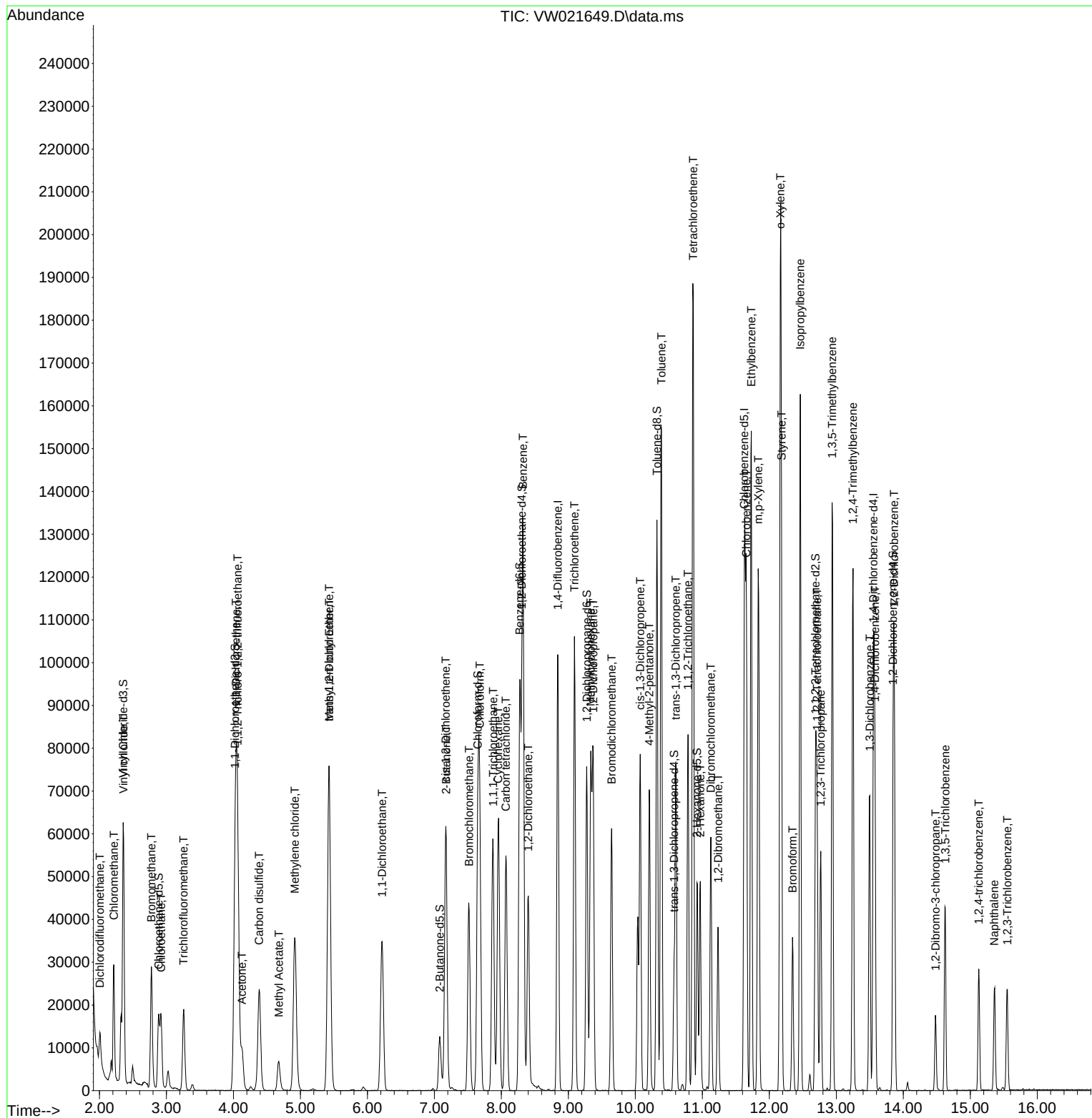
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	40673	29.747	ug/L	99
29) Cyclohexane	7.951	56	33625	23.990	ug/L #	81
30) 1,1,1-Trichloroethane	7.878	97	47506	30.067	ug/L	95
31) Carbon tetrachloride	8.067	117	41556	28.512	ug/L	96
33) Benzene	8.323	78	109387	28.516	ug/L	100
34) Trichloroethene	9.091	95	34137	31.701	ug/L	93
35) Methylcyclohexane	9.335	83	31939	17.981	ug/L	85
37) 1,2-Dichloropropane	9.372	63	27075	31.643	ug/L #	96
38) Bromodichloromethane	9.646	83	40166	34.141	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	42466	31.484	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	42300	90.729	ug/L #	89
42) Toluene	10.390	91	114742	25.575	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	38840	32.876	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25371	36.227	ug/L	92
46) Tetrachloroethene	10.866	164	44160	43.169	ug/L	95
48) 2-Hexanone	10.969	43	29231	86.457	ug/L #	93
49) Dibromochloromethane	11.128	129	30632	35.480	ug/L	91
50) 1,2-Dibromoethane	11.237	107	25018	35.896	ug/L #	99
51) Chlorobenzene	11.658	112	61369	20.431	ug/L	89
52) Ethylbenzene	11.731	91	110787	21.609	ug/L	97
53) m,p-Xylene	11.835	106	40383	19.525	ug/L	97
54) o-Xylene	12.164	106	41280	21.031	ug/L	90
55) Styrene	12.182	104	56202	16.824	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	29872	37.209	ug/L #	97
59) Bromoform	12.347	173	15656	53.048	ug/L #	97
60) Isopropylbenzene	12.463	105	102327	30.361	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	21690	60.084	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	75193	26.218	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	68188	24.101	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	29526	18.573	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	30367	19.226	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	29856	21.332	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4046	54.338	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	14396	12.116	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	9306	9.737	ug/L	98
71) Naphthalene	15.359	128	20878	13.446	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	8687	10.999	ug/L	96

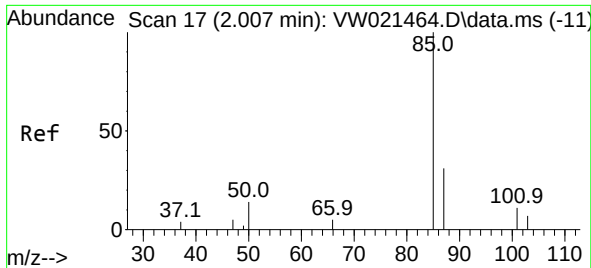
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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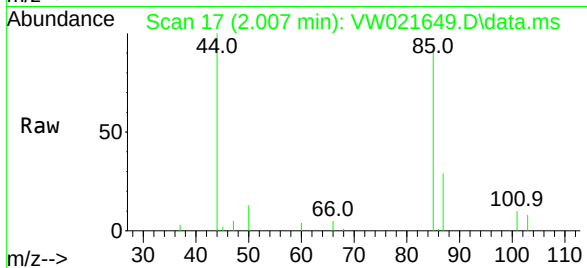
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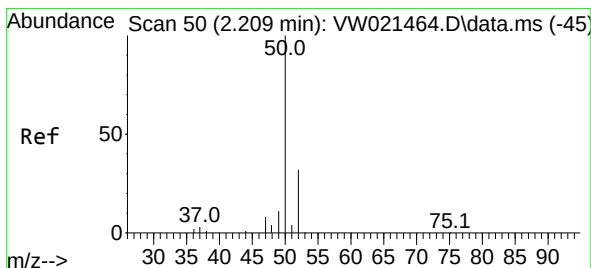
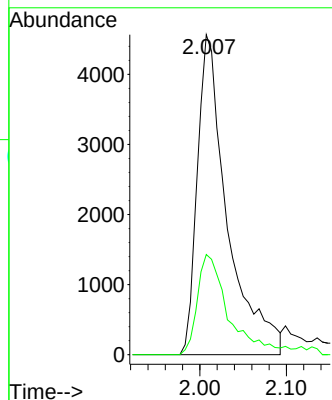
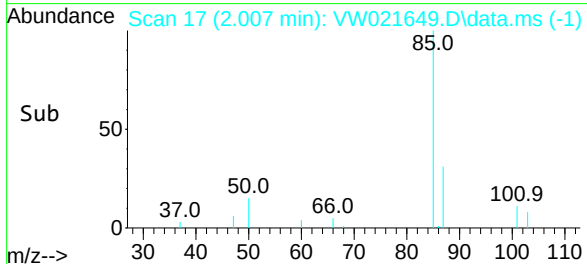


#2
 Dichlorodifluoromethane
 Concen: 32.228 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

Instrument :
 MSVOA_W
 ClientSampleId :

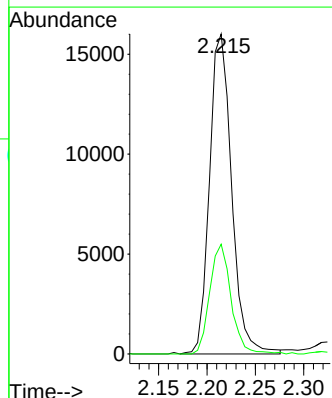
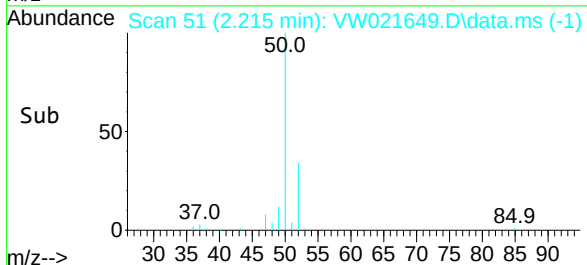
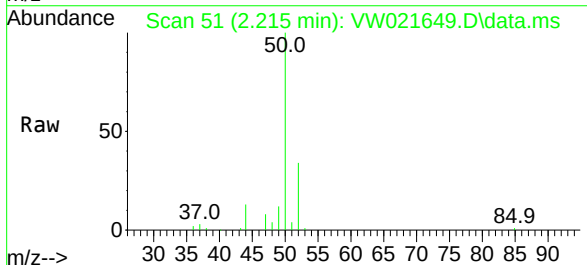


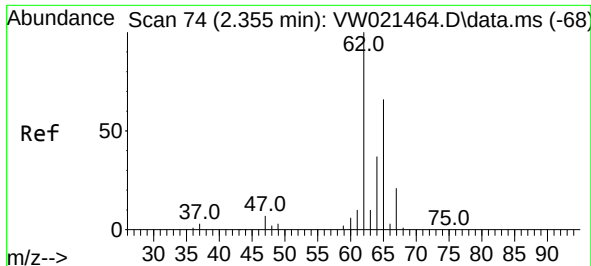
Tgt Ion: 85 Resp: 10997
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 22.609 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

Tgt Ion: 50 Resp: 25541
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.6

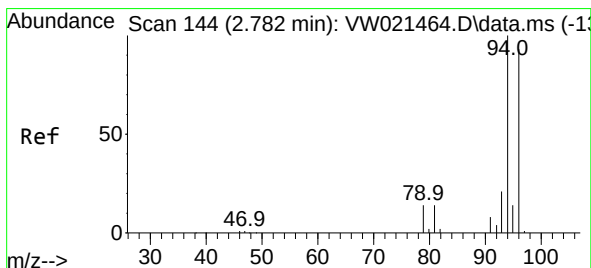
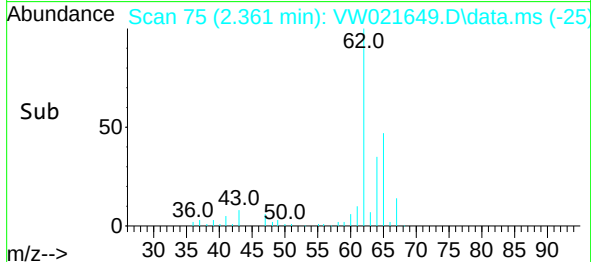
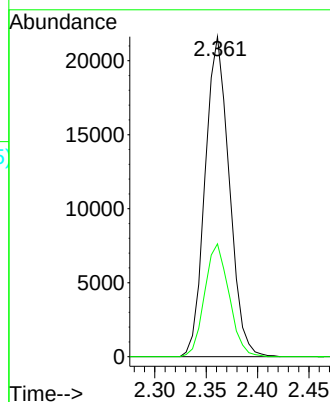
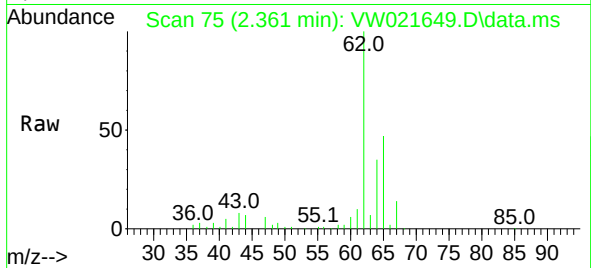




#5
 Vinyl chloride
 Concen: 19.940 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

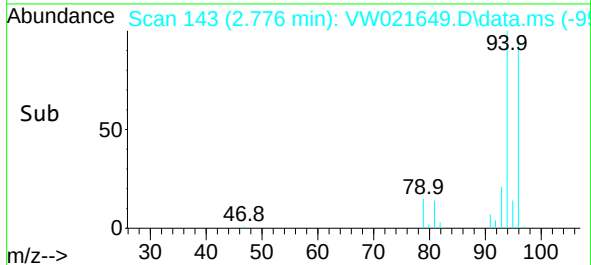
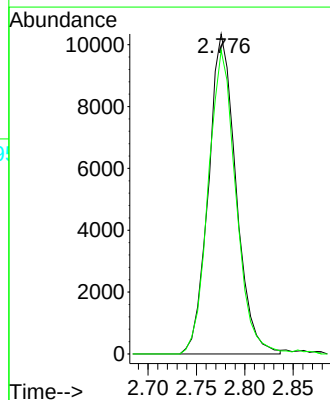
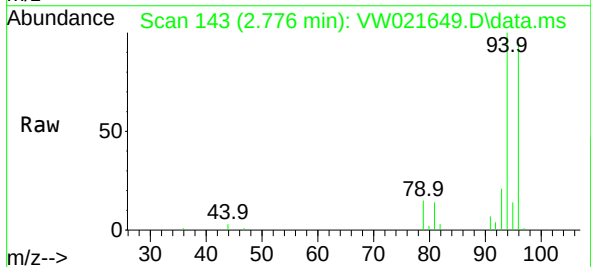
Instrument :
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 ClientSampleId :

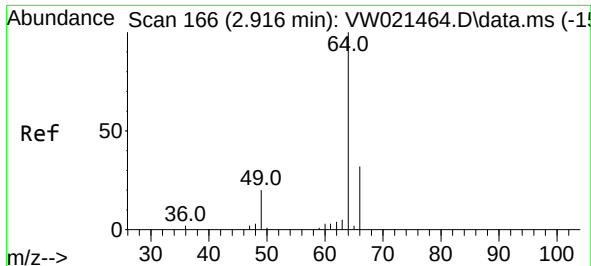
Tgt Ion: 62 Resp: 35361
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.4 45.2



#6
 Bromomethane
 Concen: 17.819 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

Tgt Ion: 94 Resp: 20497
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.8 120.4

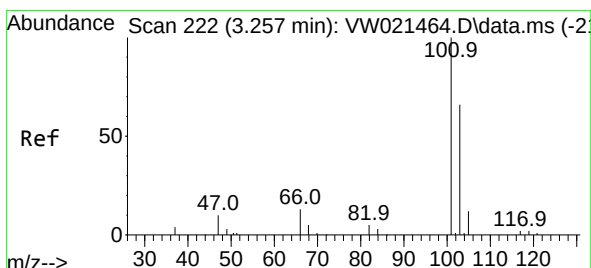
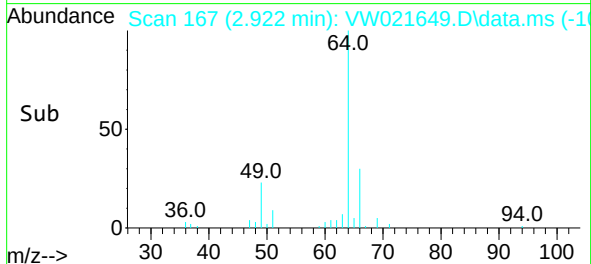
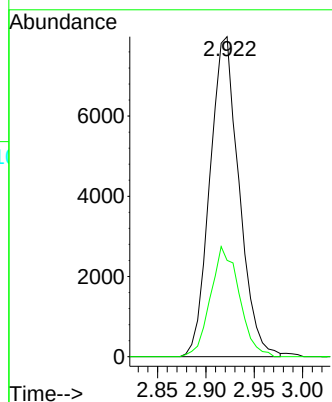
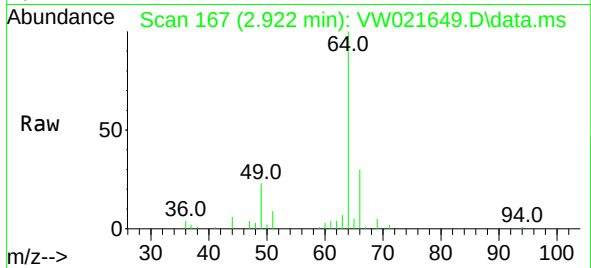




#8
Chloroethane
Concen: 20.524 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

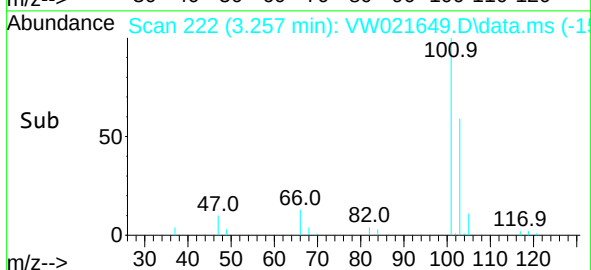
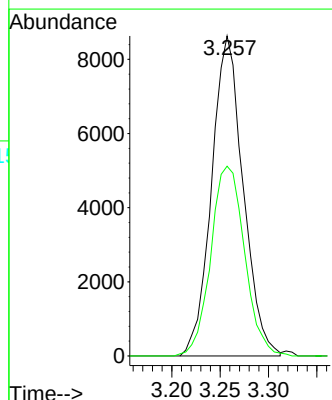
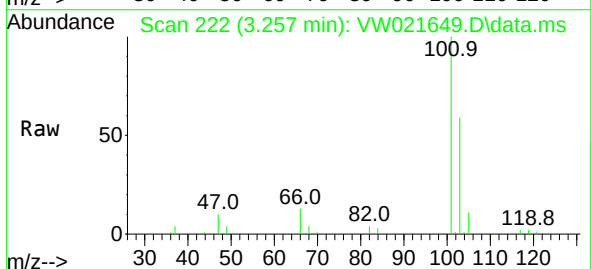
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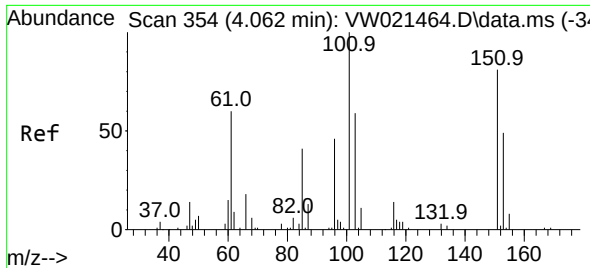
Tgt Ion: 64 Resp: 16768
Ion Ratio Lower Upper
64 100
66 30.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 20.933 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion:101 Resp: 19587
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

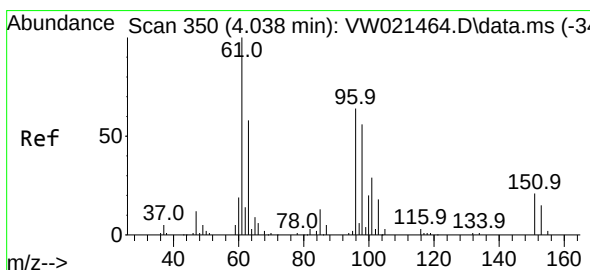
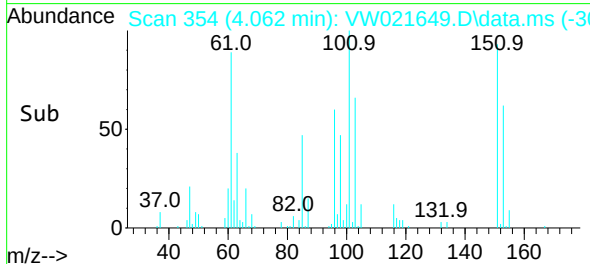
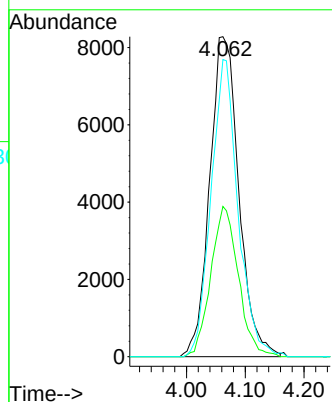
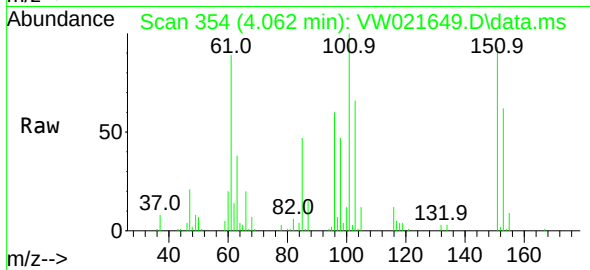




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.437 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

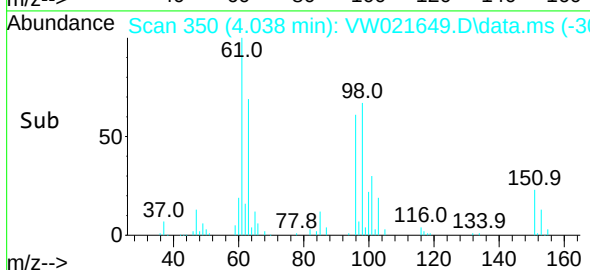
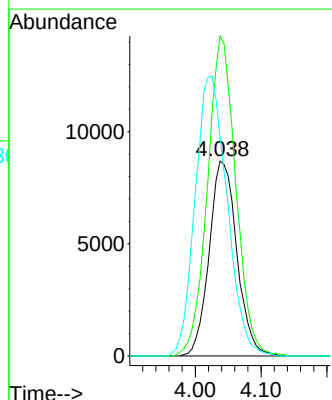
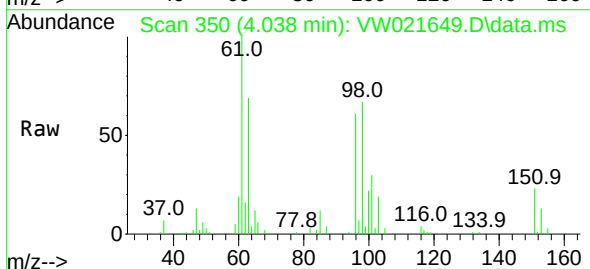
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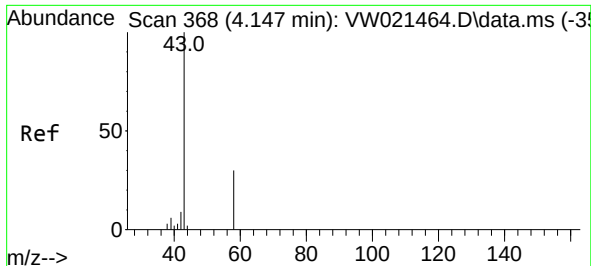
Tgt Ion:101 Resp: 28580
 Ion Ratio Lower Upper
 101 100
 85 44.3 36.6 54.8
 151 85.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.237 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

Tgt Ion: 96 Resp: 25437
 Ion Ratio Lower Upper
 96 100
 61 164.2 138.3 256.9
 63 112.5 82.6 153.4





#13

Acetone

Concen: 71.695 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.030 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

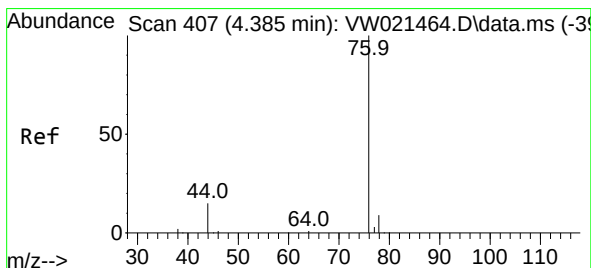
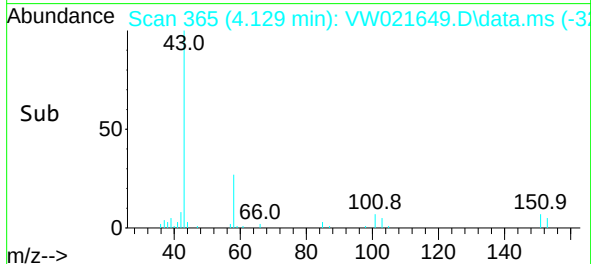
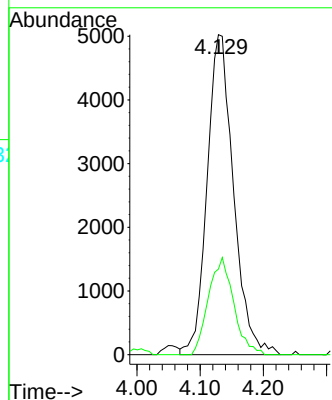
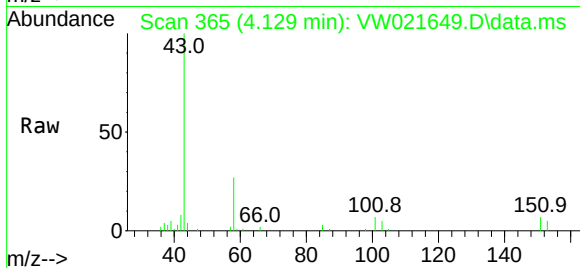
ClientSampleId :

Tgt Ion: 43 Resp: 14572

Ion Ratio Lower Upper

43 100

58 29.0 0.0 52.8



#14

Carbon disulfide

Concen: 18.659 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021649.D

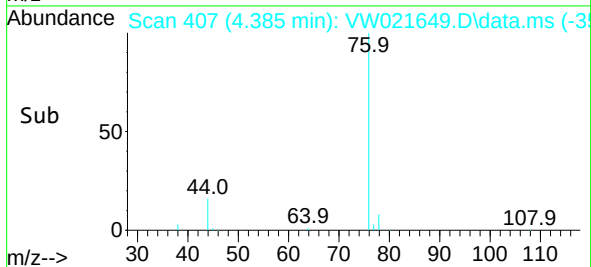
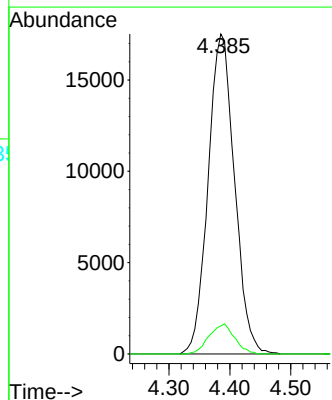
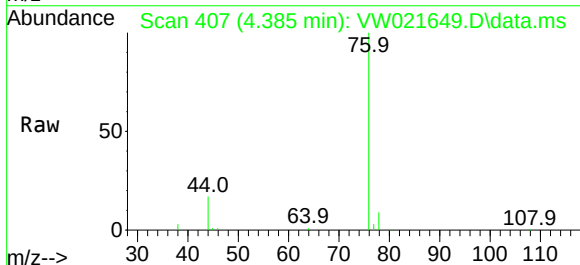
Acq: 25 Dec 2021 16:33

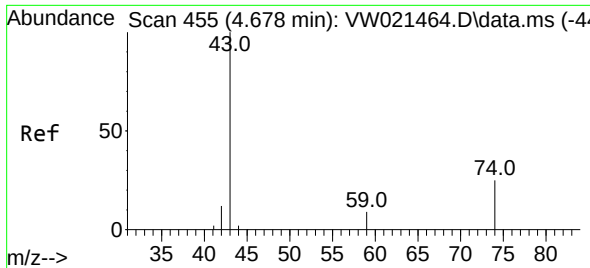
Tgt Ion: 76 Resp: 52749

Ion Ratio Lower Upper

76 100

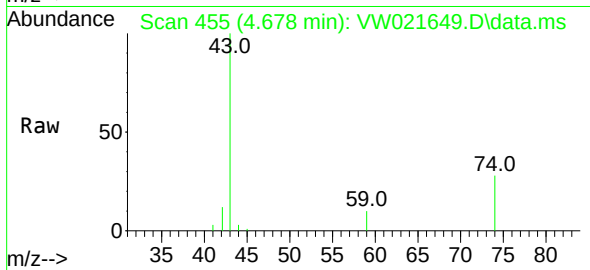
78 8.8 7.1 10.7



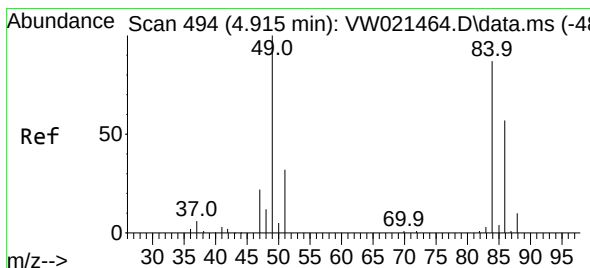
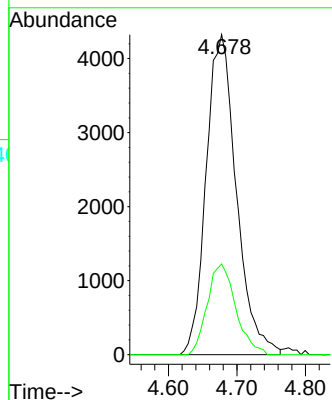
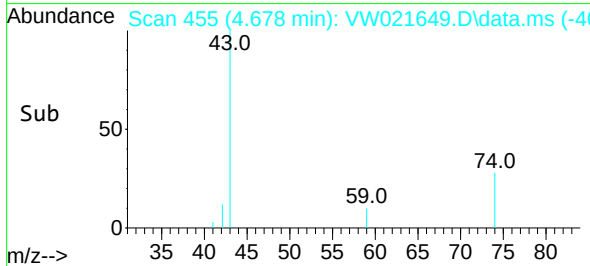


#15
Methyl Acetate
Concen: 37.745 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.012 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Instrument :
MSVOA_W
ClientSampleId :

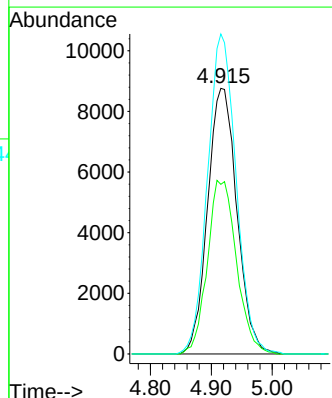
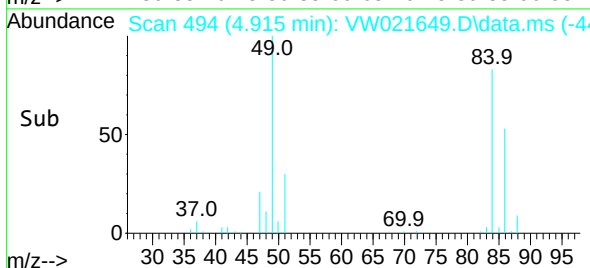
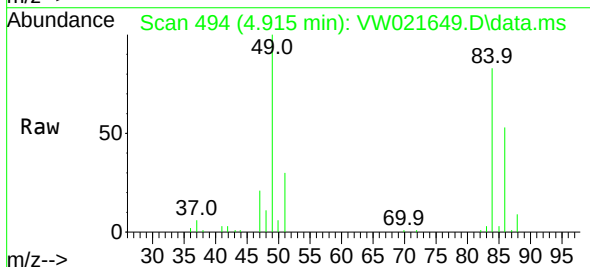


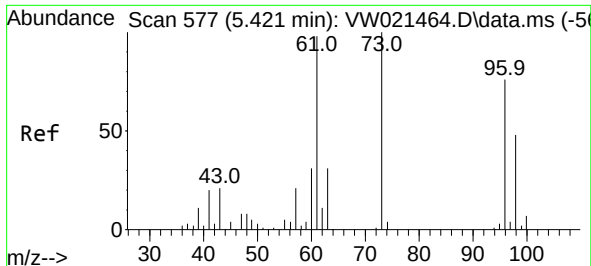
Tgt Ion: 43 Resp: 13237
Ion Ratio Lower Upper
43 100
74 26.7 16.4 24.6#



#16
Methylene chloride
Concen: 20.096 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

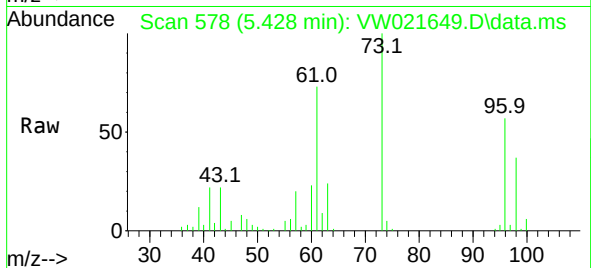
Tgt Ion: 84 Resp: 29324
Ion Ratio Lower Upper
84 100
86 63.9 45.5 84.5
49 120.5 100.5 186.7





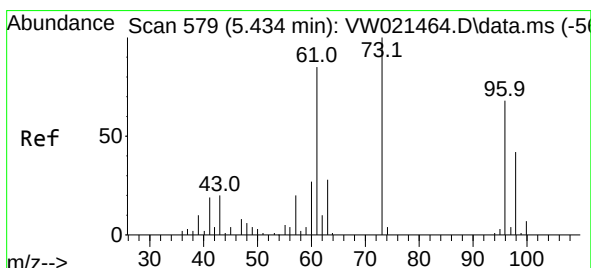
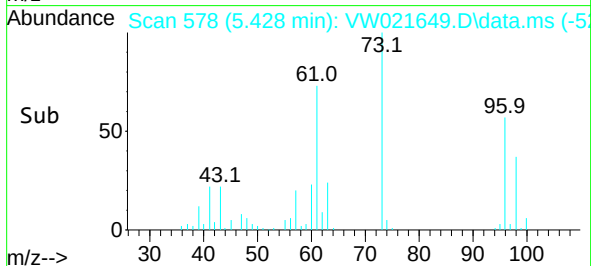
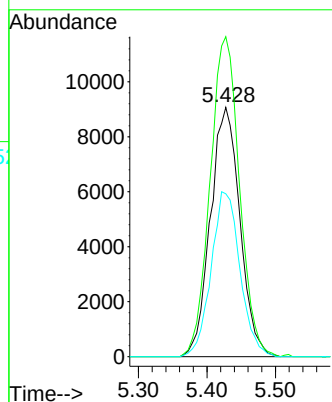
#17
trans-1,2-Dichloroethene
Concen: 22.886 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 27126

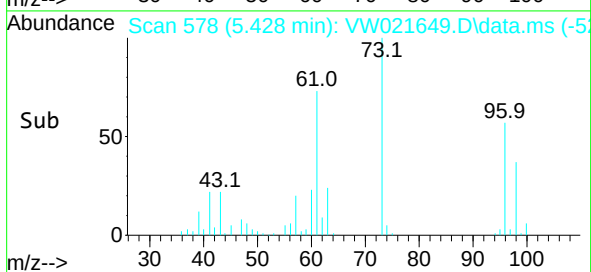
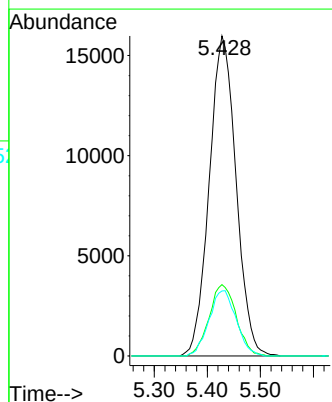
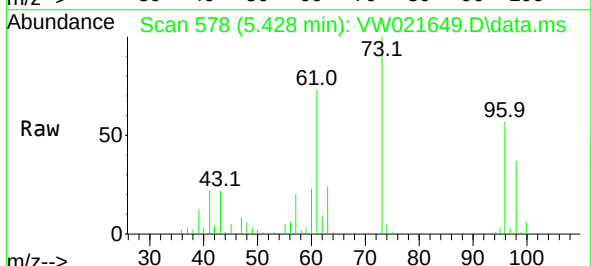
Ion	Ratio	Lower	Upper
96	100		
61	128.4	107.4	199.4
98	65.3	41.2	76.6

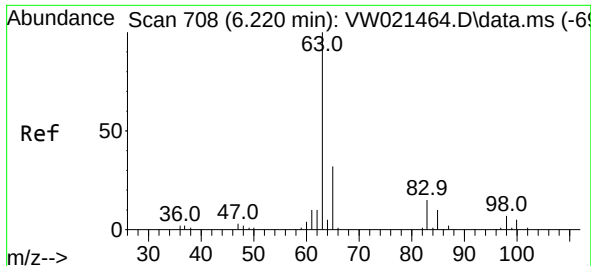


#18
Methyl tert-butyl Ether
Concen: 34.254 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion: 73 Resp: 56074

Ion	Ratio	Lower	Upper
73	100		
43	22.6	19.5	29.3
57	20.7	19.3	28.9





#19

1,1-Dichloroethane

Concen: 26.797 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021649.D

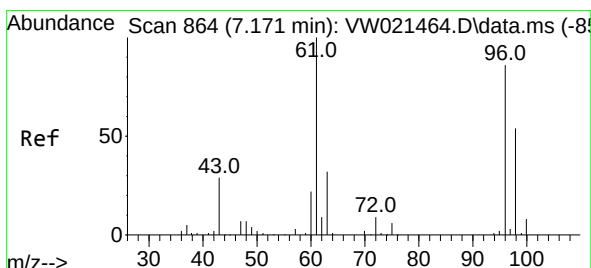
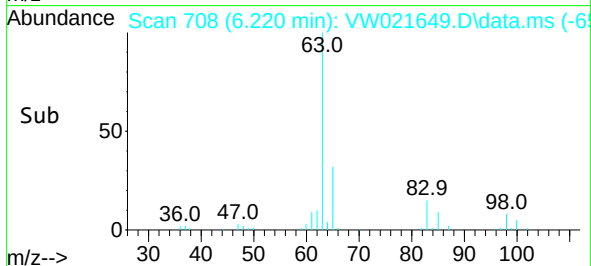
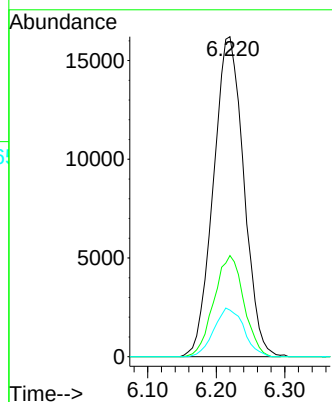
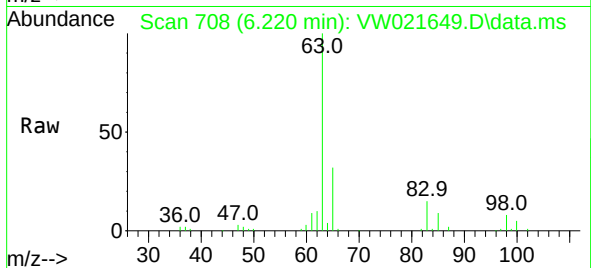
Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 49840
Ion Ratio	Lower Upper
63	100
65	31.6 22.1 41.1
83	14.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.035 ug/L

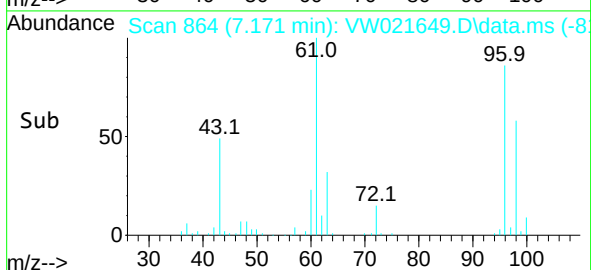
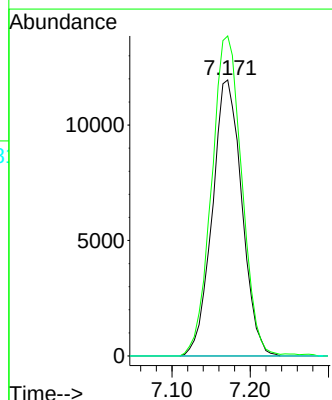
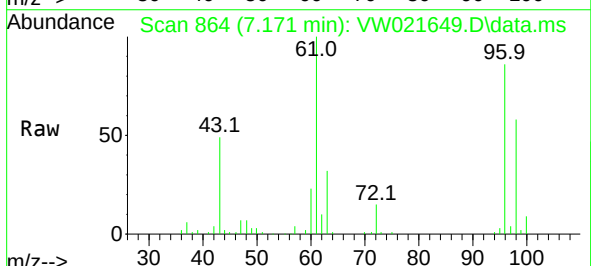
RT: 7.171 min Scan# 864

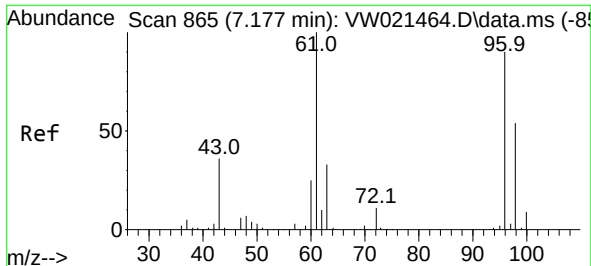
Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

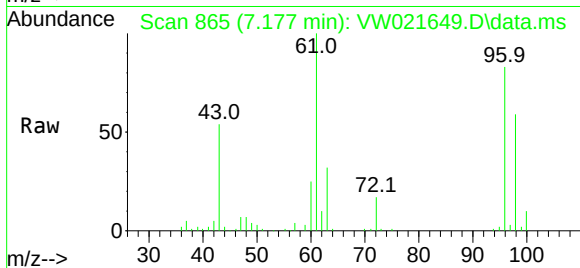
Tgt Ion: 96	Resp: 31298
Ion Ratio	Lower Upper
96	100
61	115.9 103.7 192.7
68	0.0 0.0 0.0



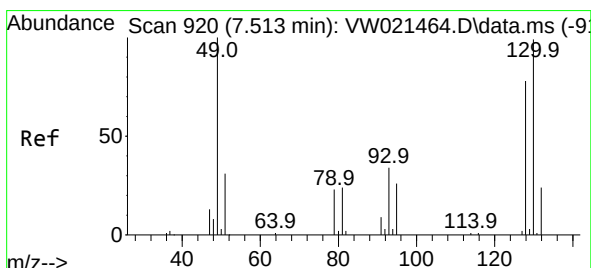
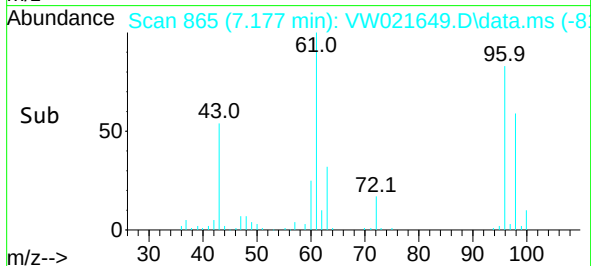
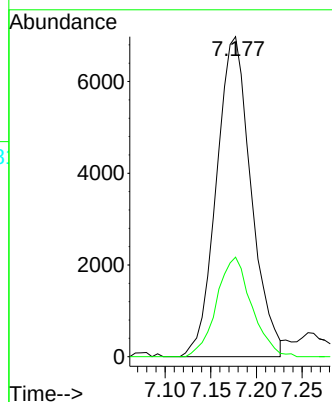


#22
2-Butanone
Concen: 69.314 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.012 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Instrument :
MSVOA_W
ClientSampleId :

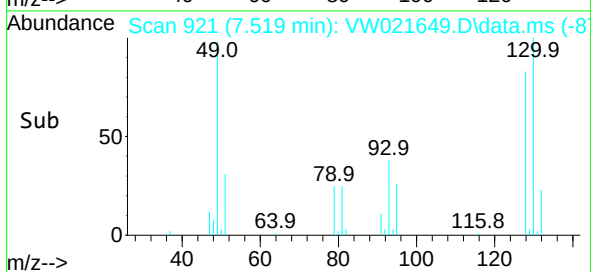
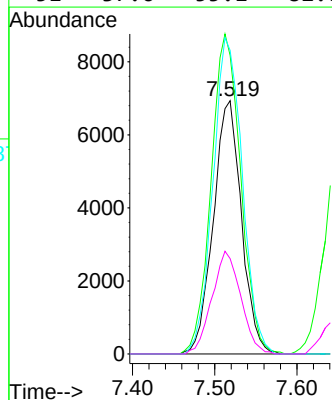
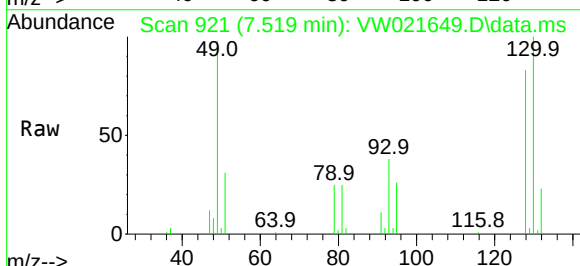


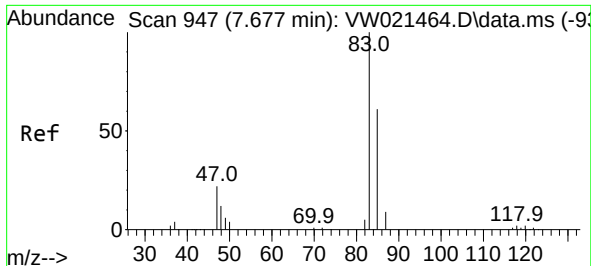
Tgt Ion: 43 Resp: 18398
Ion Ratio Lower Upper
43 100
72 31.3 11.8 35.4



#23
Bromochloromethane
Concen: 28.242 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion: 128 Resp: 16509
Ion Ratio Lower Upper
128 100
49 117.9 150.3 279.1#
130 119.9 88.3 163.9
51 37.6 55.1 82.7#

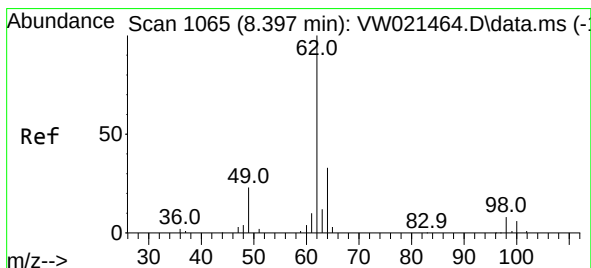
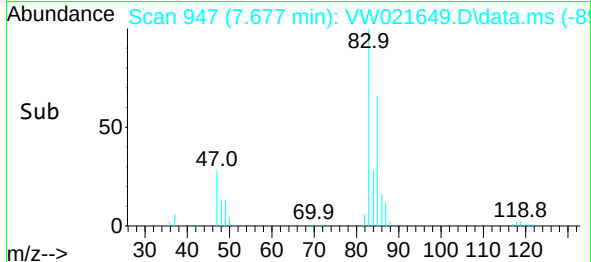
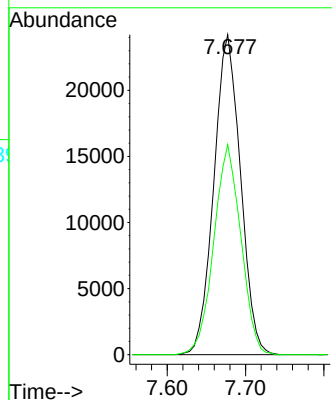
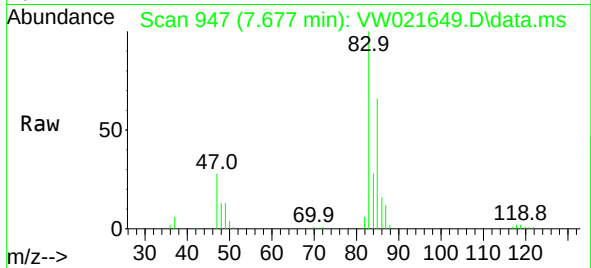




#25
Chloroform
Concen: 26.547 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

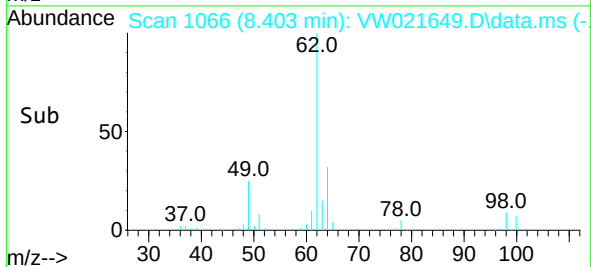
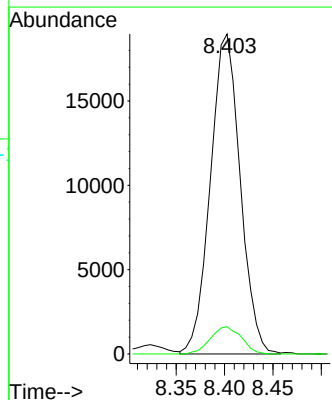
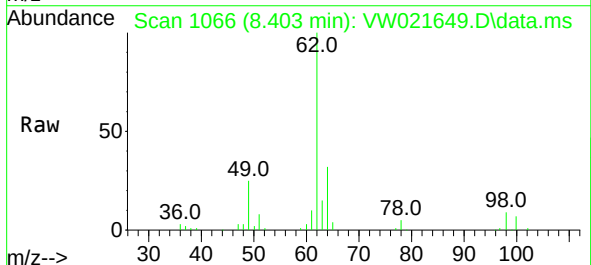
Instrument :
MSVOA_W
ClientSampleId :

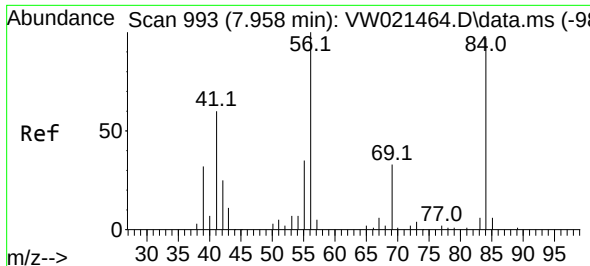
Tgt Ion: 83 Resp: 57318
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 29.747 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion: 62 Resp: 40673
Ion Ratio Lower Upper
62 100
98 8.5 6.5 9.7





#29

Cyclohexane

Concen: 23.990 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.006 min

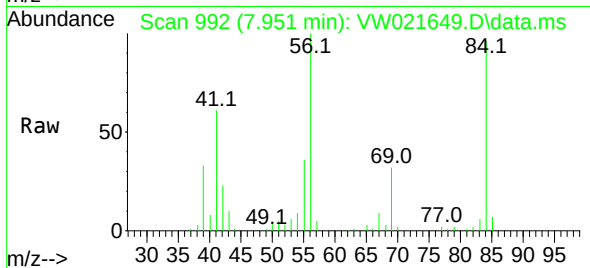
Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :



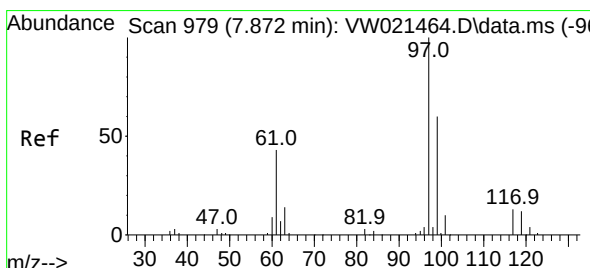
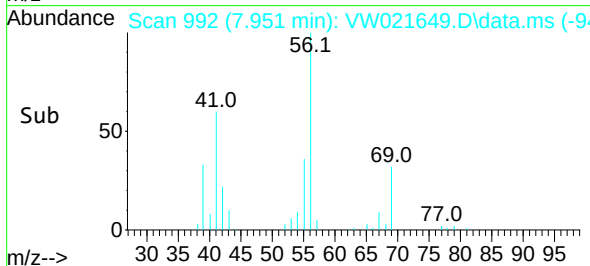
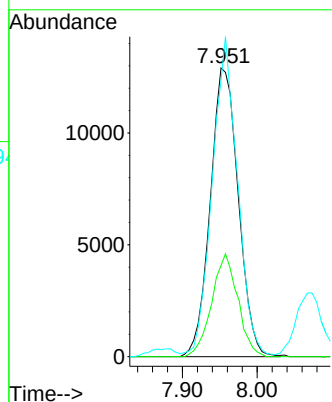
Tgt Ion: 56 Resp: 33625

Ion Ratio Lower Upper

56 100

69 33.1 23.5 35.3

84 100.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 30.067 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

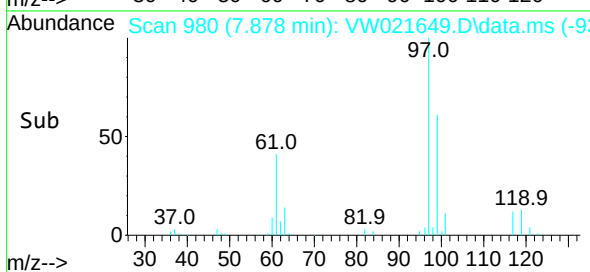
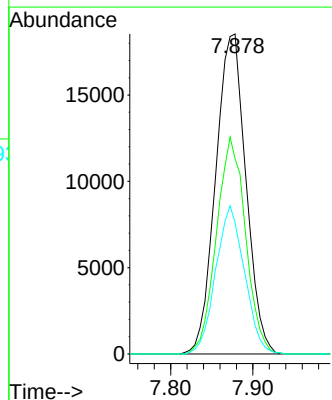
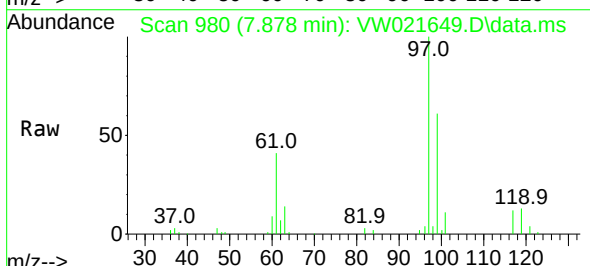
Tgt Ion: 97 Resp: 47506

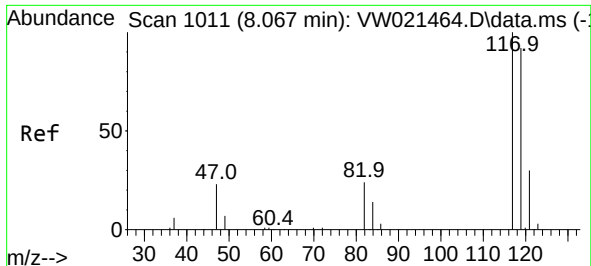
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 43.9 40.9 61.3

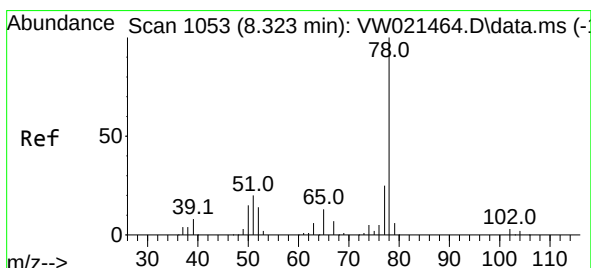
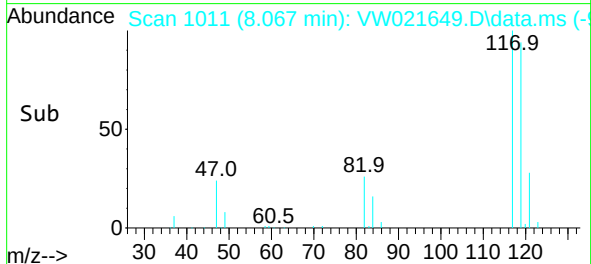
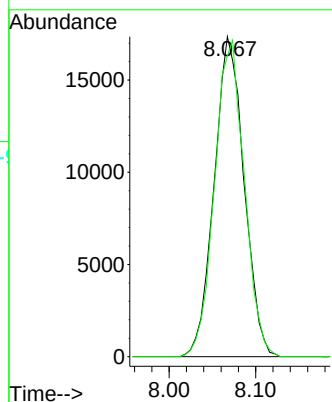
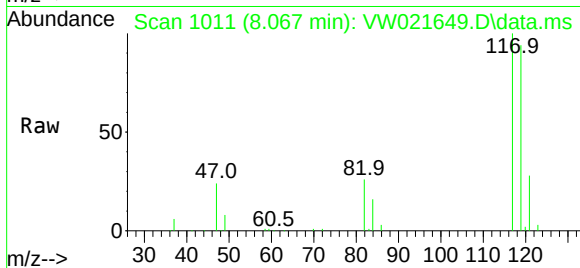




#31
Carbon tetrachloride
Concen: 28.512 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

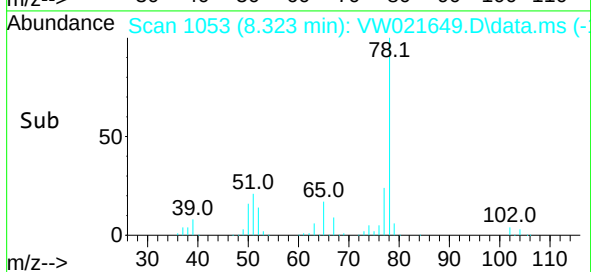
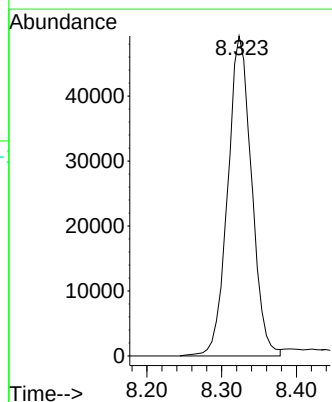
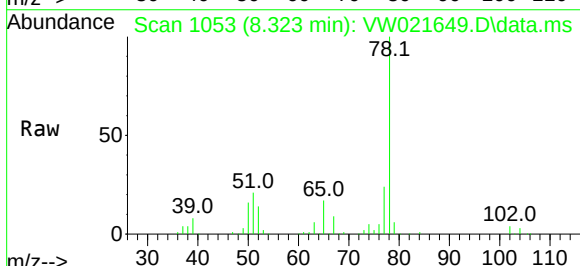
Instrument :
MSVOA_W
ClientSampleId :

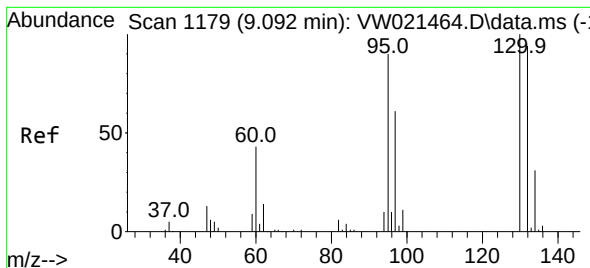
Tgt Ion:117 Resp: 41556
Ion Ratio Lower Upper
117 100
119 98.7 75.7 113.5



#33
Benzene
Concen: 28.516 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion: 78 Resp: 109387





#34

Trichloroethene

Concen: 31.701 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

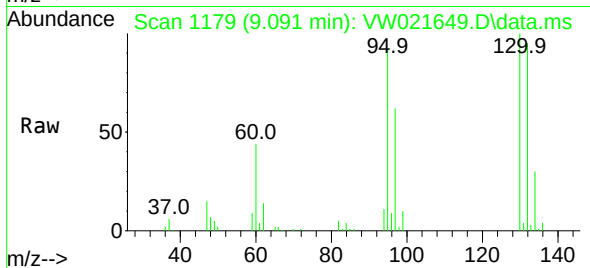
Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 34137

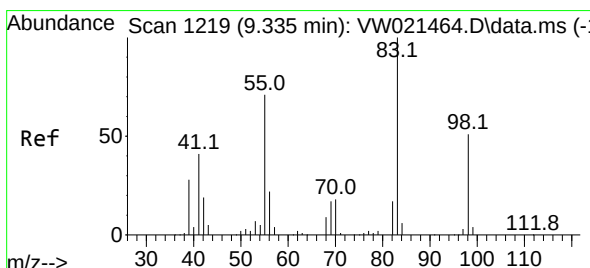
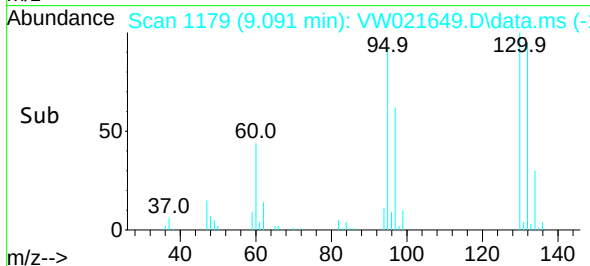
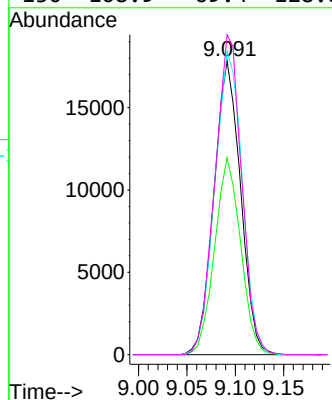
Ion Ratio Lower Upper

95 100

97 67.1 47.0 87.2

132 103.3 65.5 121.6

130 108.9 69.4 128.8



#35

Methylcyclohexane

Concen: 17.981 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

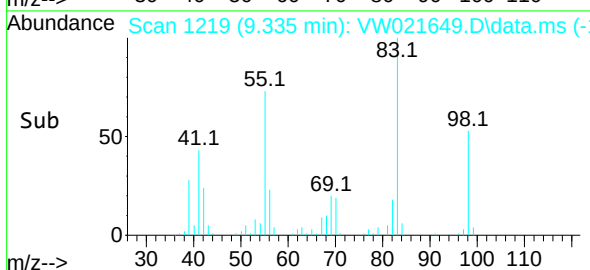
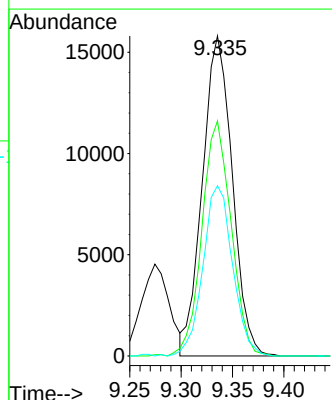
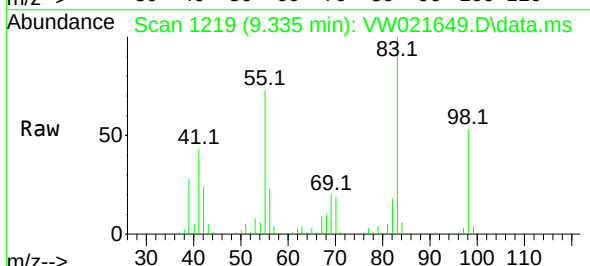
Tgt Ion: 83 Resp: 31939

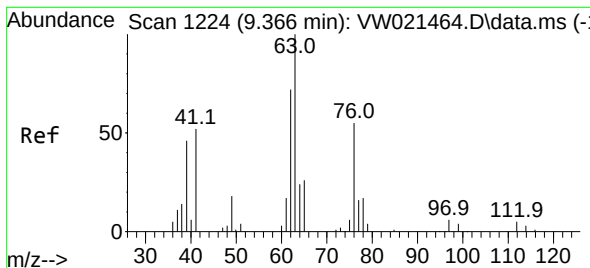
Ion Ratio Lower Upper

83 100

55 71.8 70.8 106.2

98 52.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 31.643 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

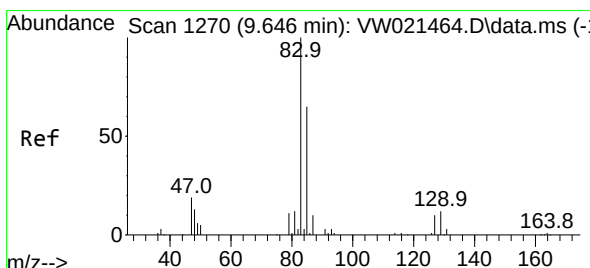
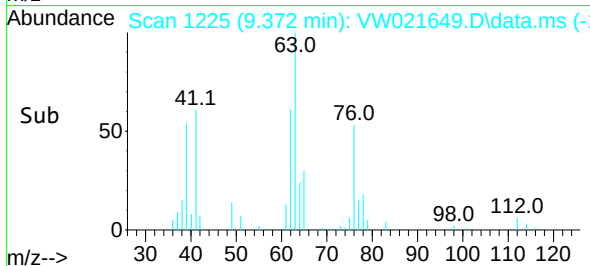
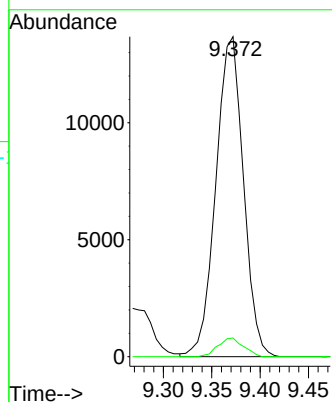
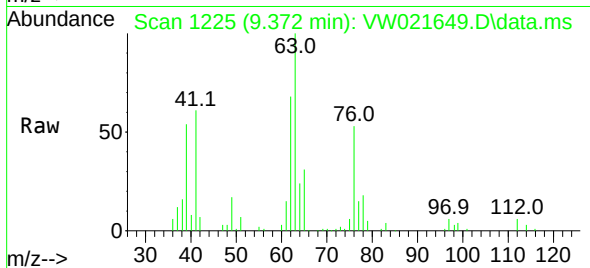
ClientSampleId :

Tgt Ion: 63 Resp: 27075

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 34.141 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

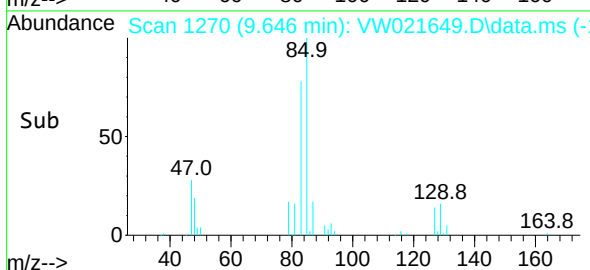
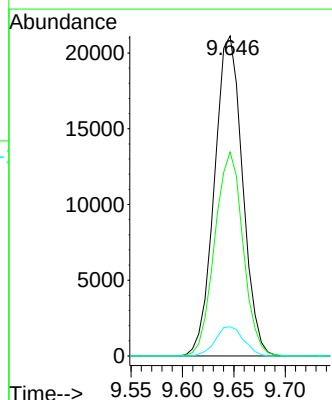
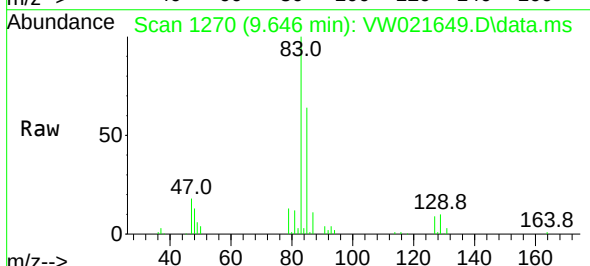
Tgt Ion: 83 Resp: 40166

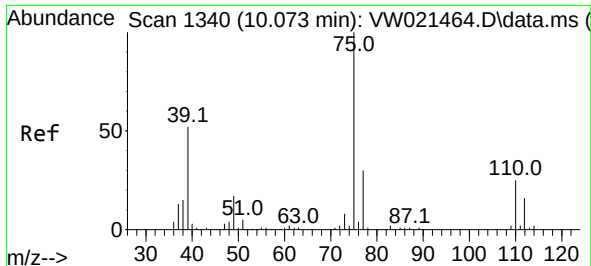
Ion Ratio Lower Upper

83 100

85 63.8 44.1 81.9

127 9.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 31.484 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

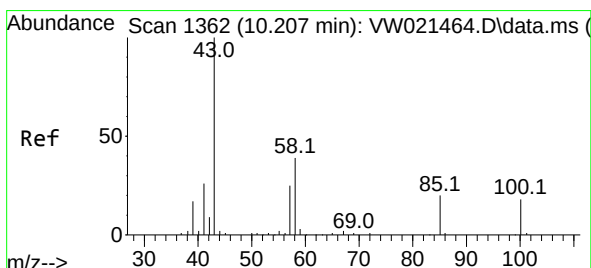
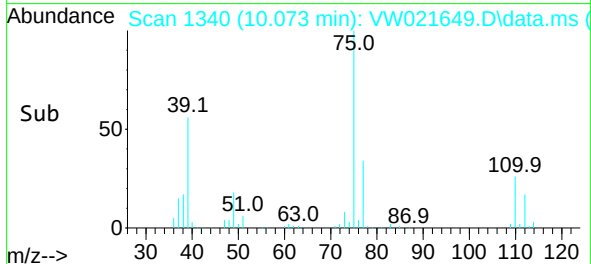
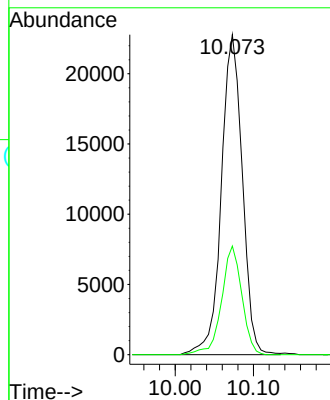
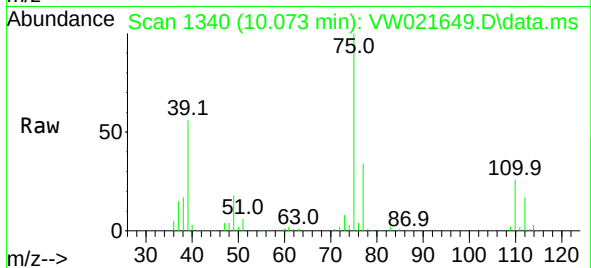
ClientSampleId :

Tgt Ion: 75 Resp: 42466

Ion Ratio Lower Upper

75 100

77 33.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 90.729 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

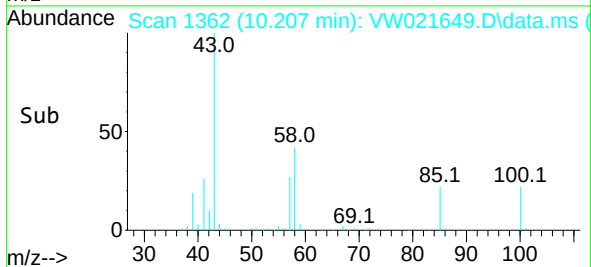
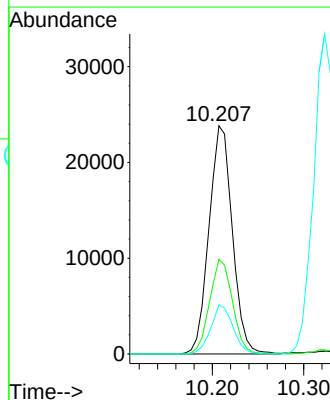
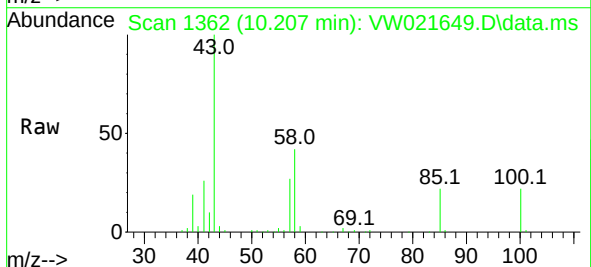
Tgt Ion: 43 Resp: 42300

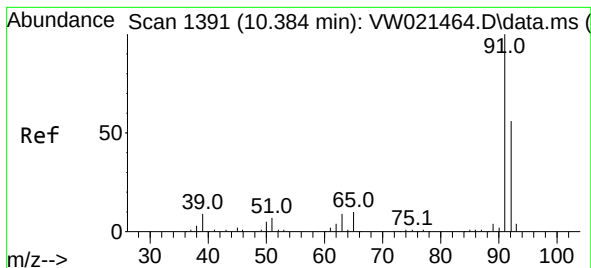
Ion Ratio Lower Upper

43 100

58 40.5 28.8 43.2

100 20.4 10.0 15.0#





#42

Toluene

Concen: 25.575 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

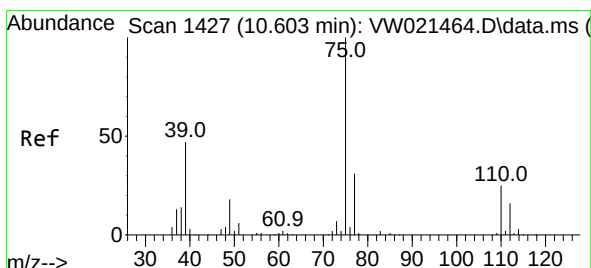
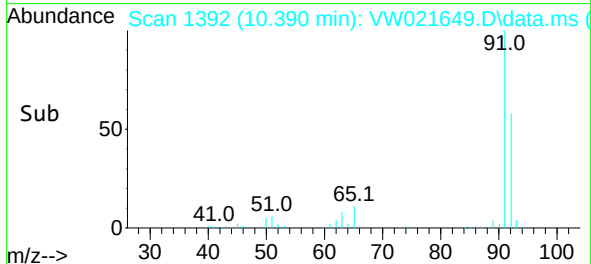
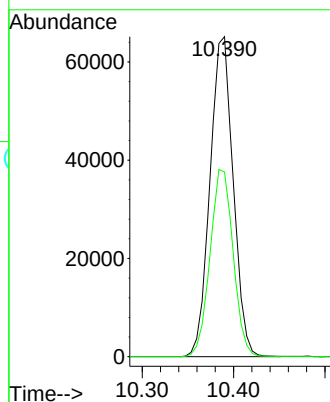
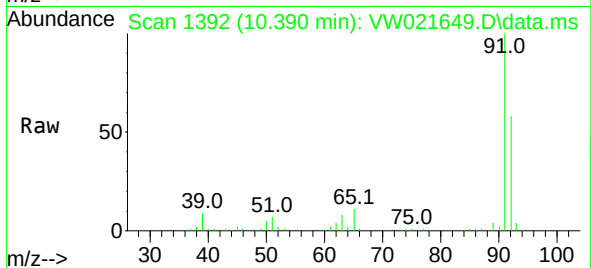
ClientSampleId :

Tgt Ion: 91 Resp: 114742

Ion Ratio Lower Upper

91 100

92 57.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 32.876 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021649.D

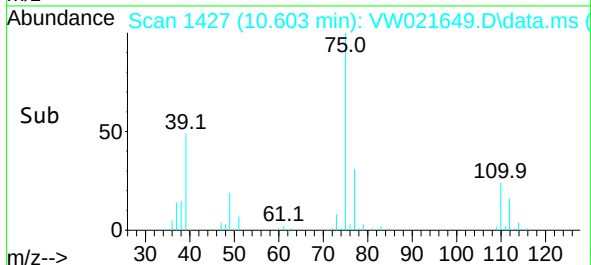
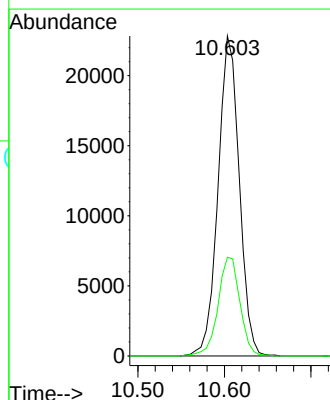
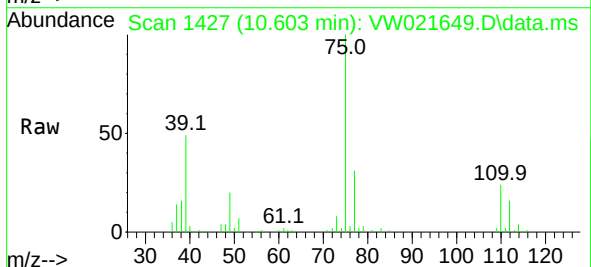
Acq: 25 Dec 2021 16:33

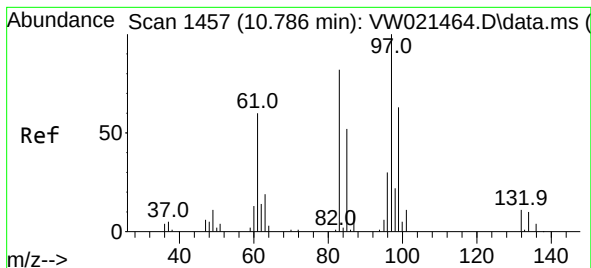
Tgt Ion: 75 Resp: 38840

Ion Ratio Lower Upper

75 100

77 30.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 36.227 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 25371

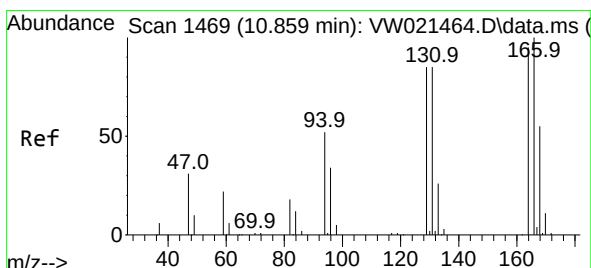
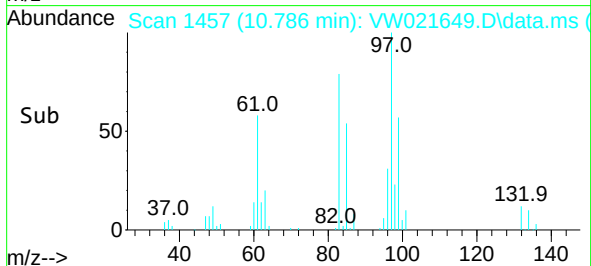
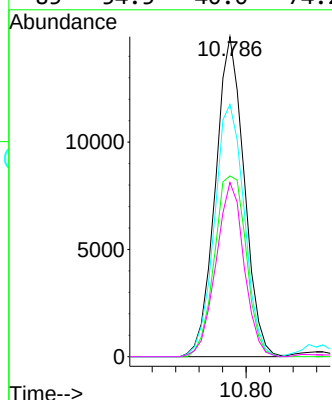
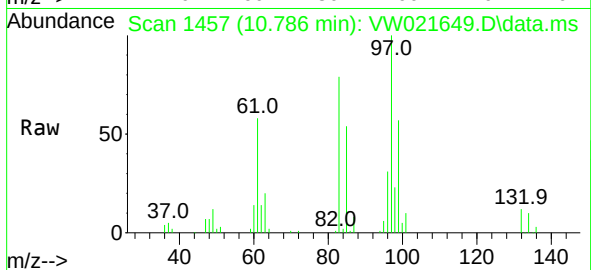
Ion Ratio Lower Upper

97 100

99 56.5 43.0 79.8

83 78.8 62.6 116.3

85 54.5 40.0 74.2



#46

Tetrachloroethene

Concen: 43.169 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Tgt Ion:164 Resp: 44160

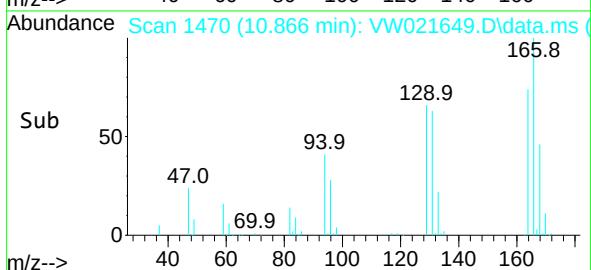
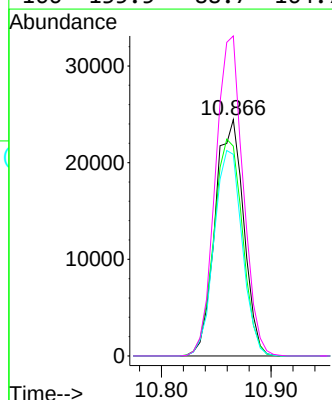
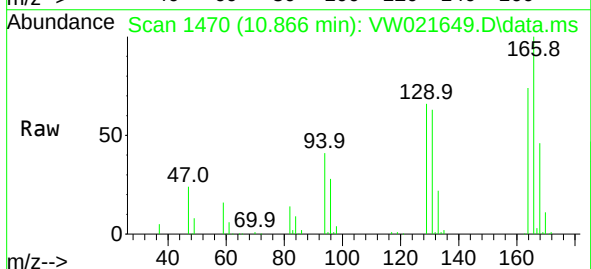
Ion Ratio Lower Upper

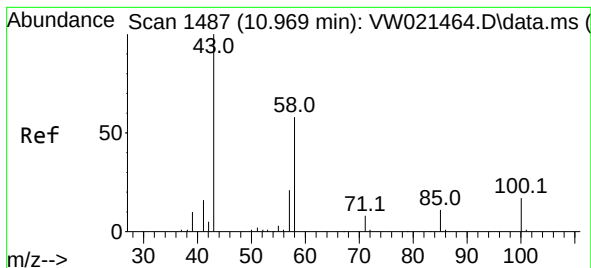
164 100

129 88.8 65.5 121.7

131 85.4 59.7 110.9

166 135.5 88.7 164.7





#48

2-Hexanone

Concen: 86.457 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

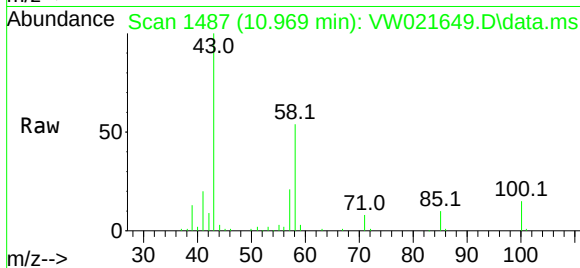
Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 29231

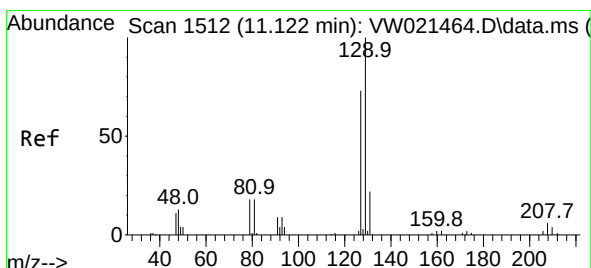
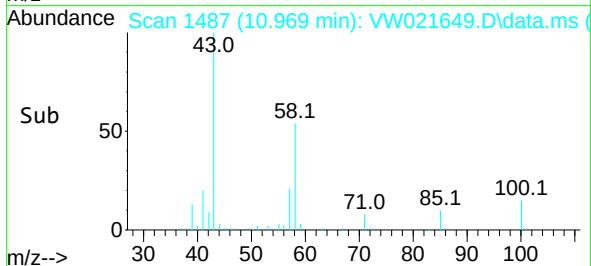
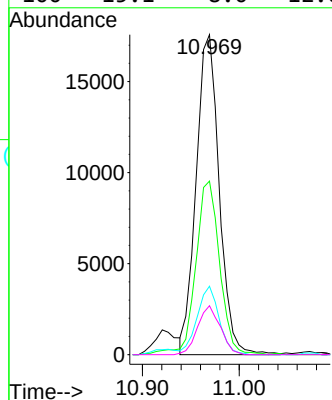
Ion Ratio Lower Upper

43 100

58 54.8 40.2 60.2

57 20.4 14.3 21.5

100 15.1 8.0 12.0#



#49

Dibromochloromethane

Concen: 35.480 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW021649.D

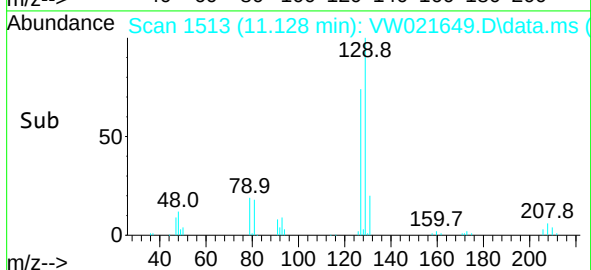
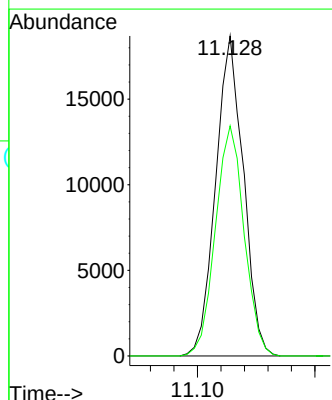
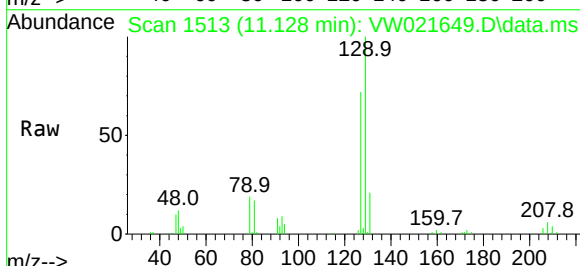
Acq: 25 Dec 2021 16:33

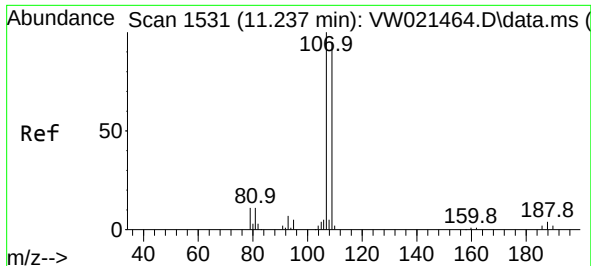
Tgt Ion:129 Resp: 30632

Ion Ratio Lower Upper

129 100

127 71.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 35.896 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

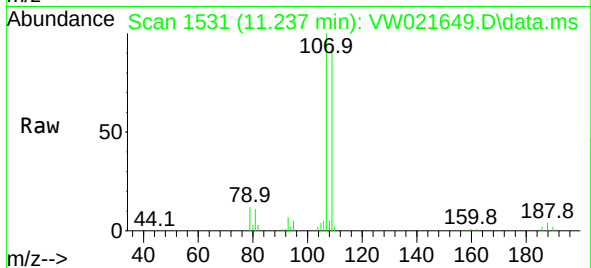
Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

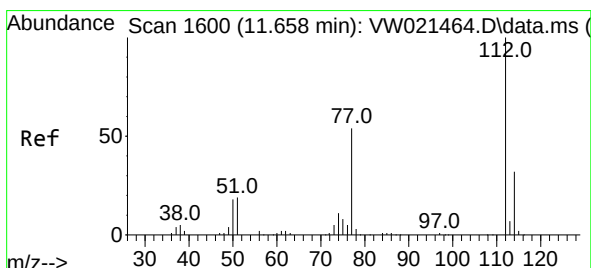
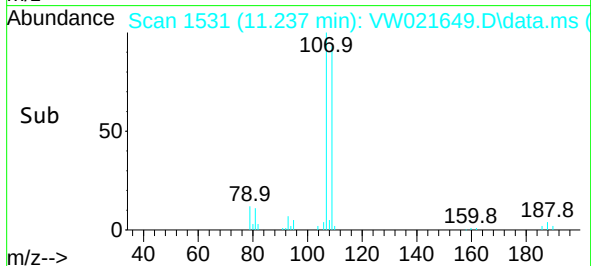
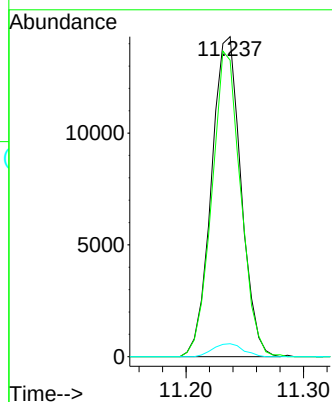
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	25018
Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.1	119.1
188	4.0	2.6	3.8#



#51

Chlorobenzene

Concen: 20.431 ug/L

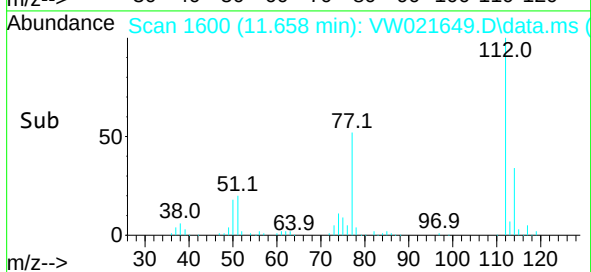
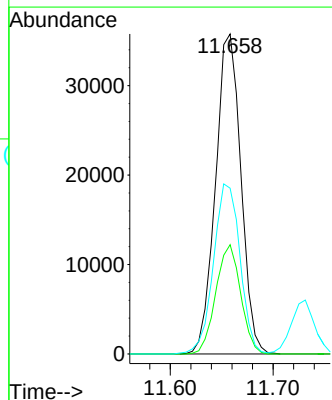
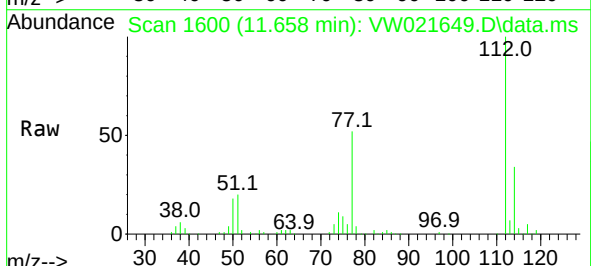
RT: 11.658 min Scan# 1600

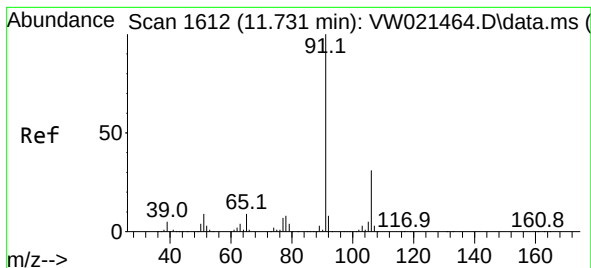
Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

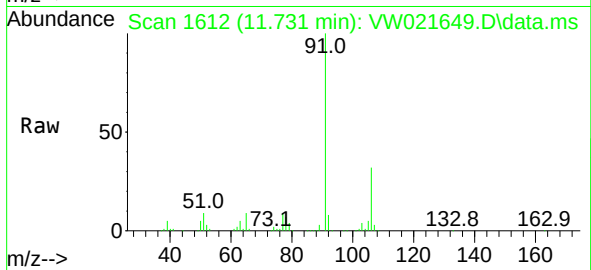
Tgt Ion:	112	Resp:	61369
Ion	Ratio	Lower	Upper
112	100		
114	34.1	22.4	41.6
77	51.8	50.2	75.4



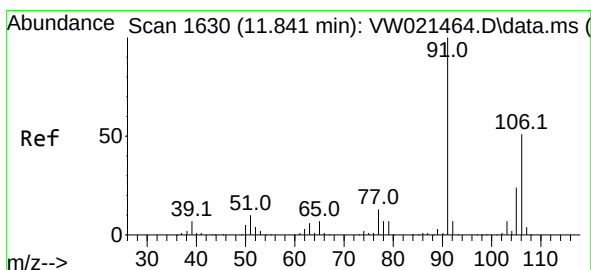
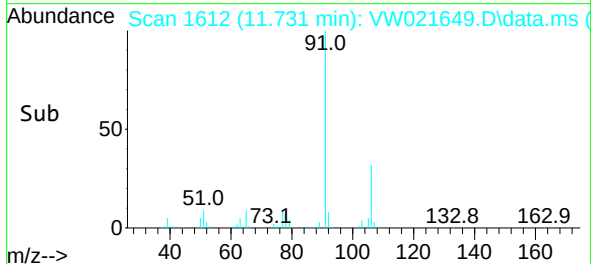
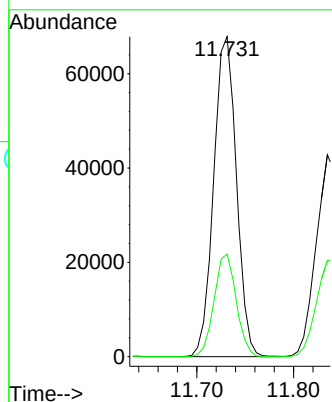


#52
Ethylbenzene
Concen: 21.609 ug/L
RT: 11.731 min Scan# 110787
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Instrument :
MSVOA_W
ClientSampleId :

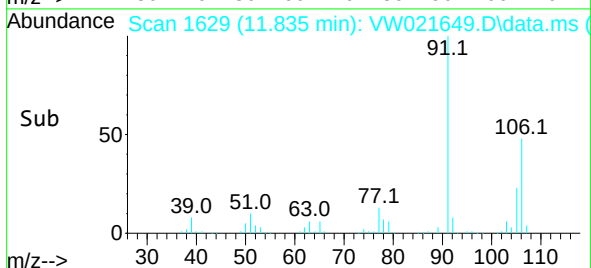
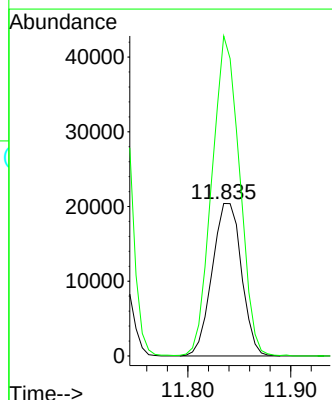
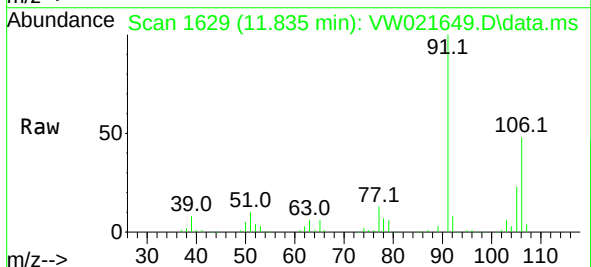


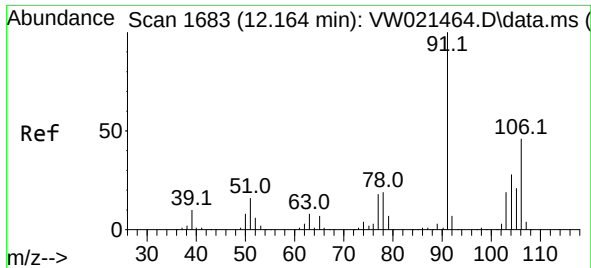
Tgt Ion: 91 Resp: 110787
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 19.525 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion:106 Resp: 40383
Ion Ratio Lower Upper
106 100
91 209.8 149.9 278.3

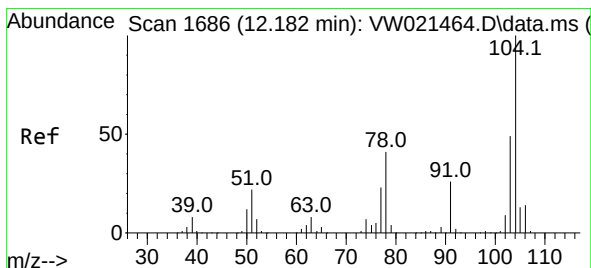
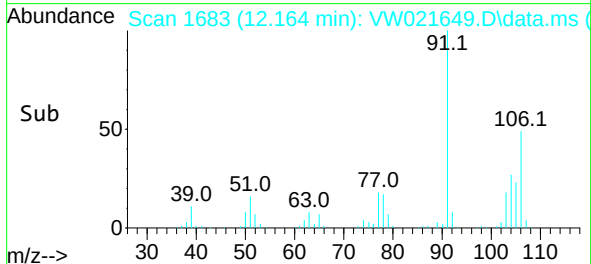
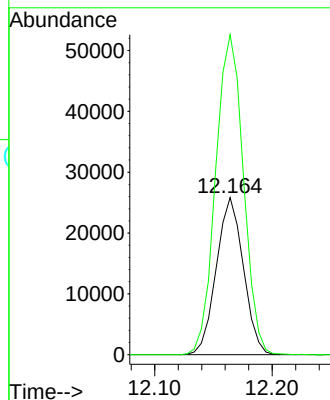
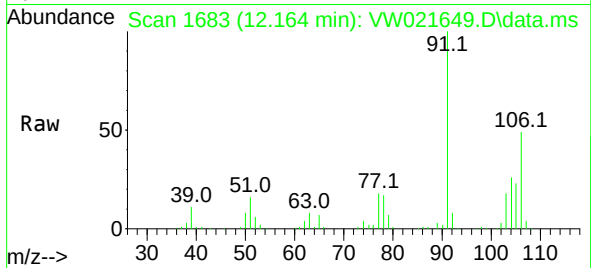




#54
o-Xylene
Concen: 21.031 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

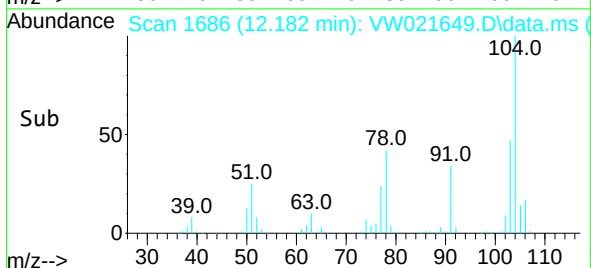
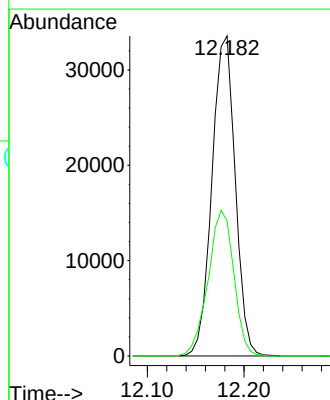
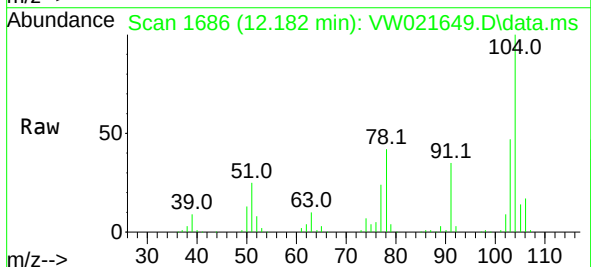
Instrument :
MSVOA_W
ClientSampleId :

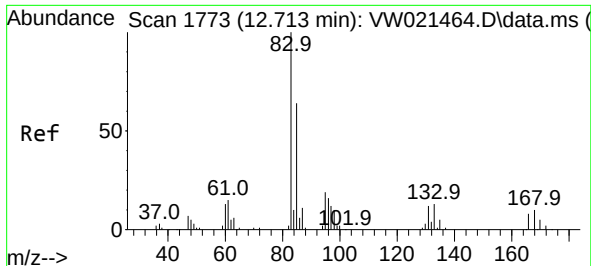
Tgt Ion:106 Resp: 41280
Ion Ratio Lower Upper
106 100
91 203.6 153.6 285.3



#55
Styrene
Concen: 16.824 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion:104 Resp: 56202
Ion Ratio Lower Upper
104 100
78 42.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 37.209 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021649.D

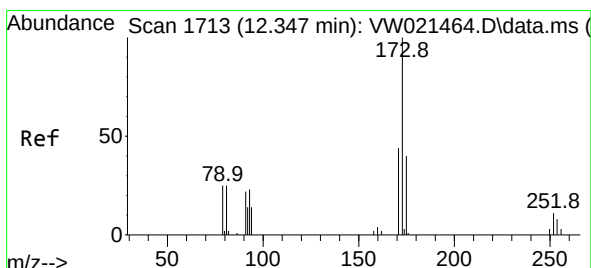
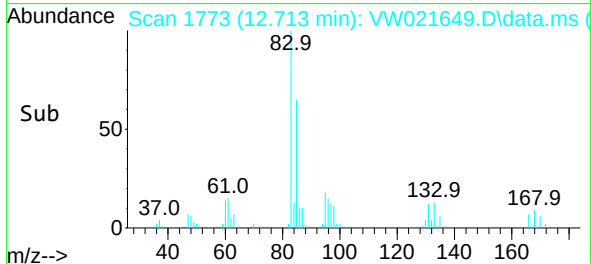
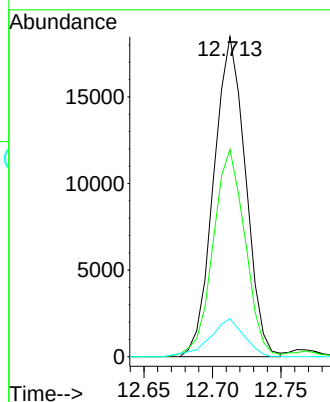
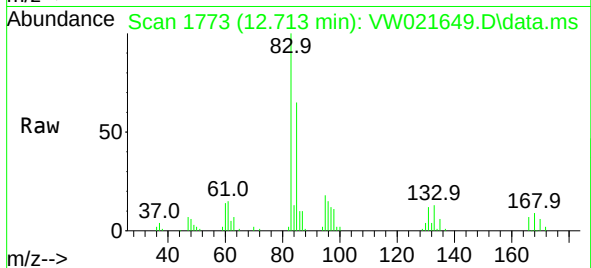
Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	29872
Ion Ratio	Lower	Upper	
83	100		
85	64.8	44.0	81.6
131	11.9	6.9	10.3#



#59

Bromoform

Concen: 53.048 ug/L

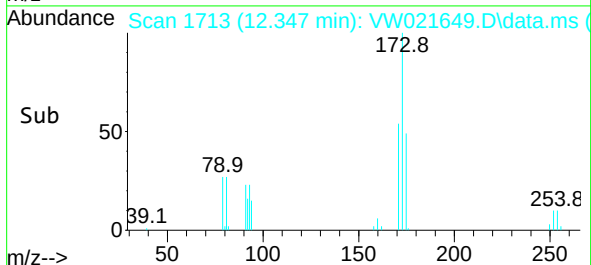
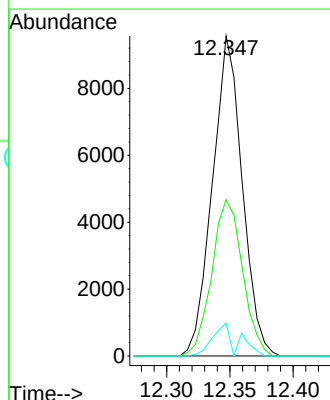
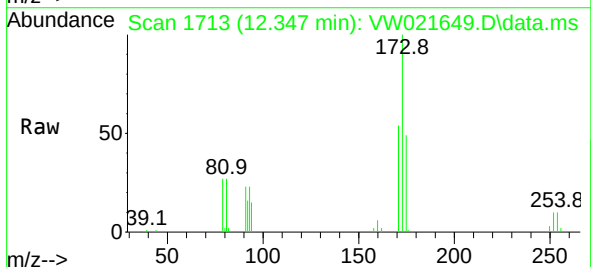
RT: 12.347 min Scan# 1713

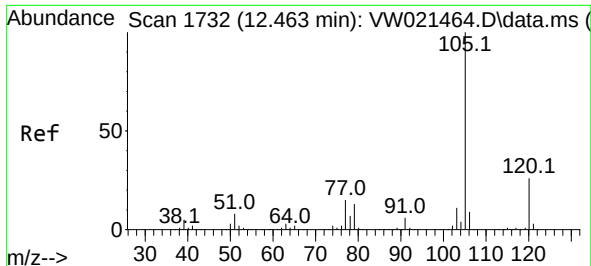
Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Tgt Ion:	173	Resp:	15656
Ion Ratio	Lower	Upper	
173	100		
175	50.4	39.6	59.4
254	5.7	7.4	11.0#

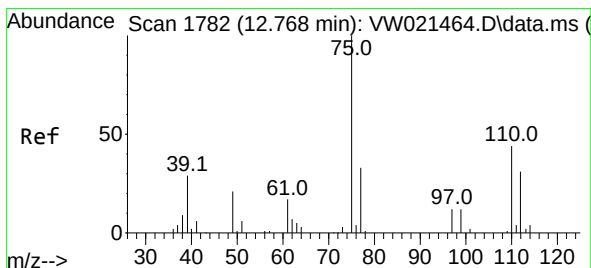
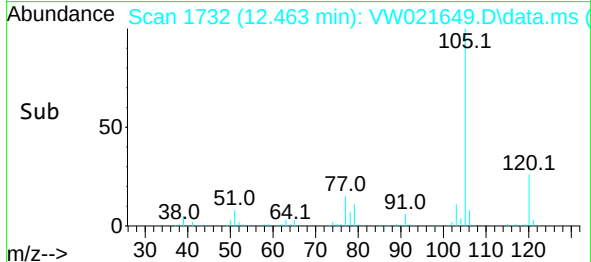
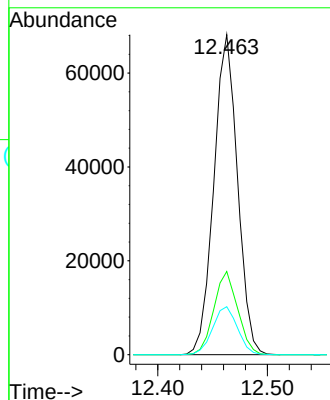
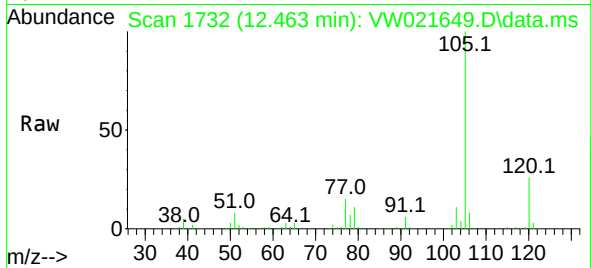




#60
Isopropylbenzene
Concen: 30.361 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

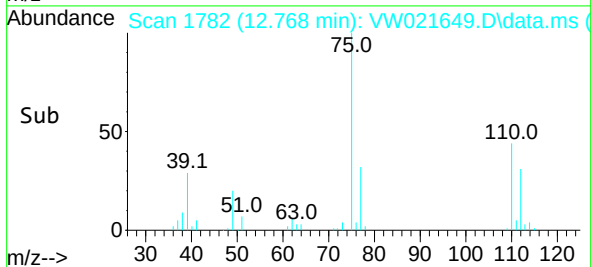
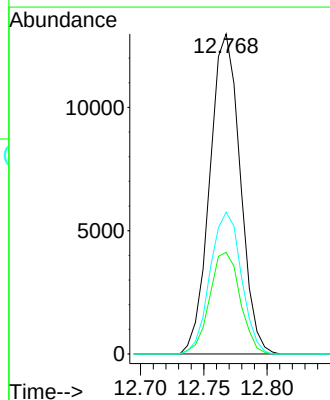
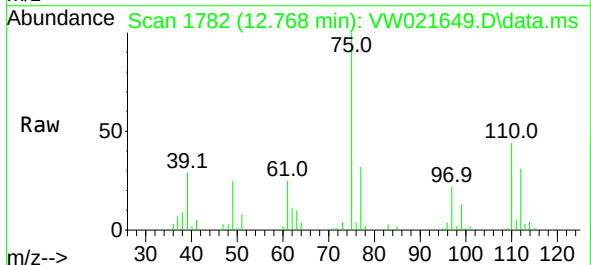
Instrument :
MSVOA_W
ClientSampleId :

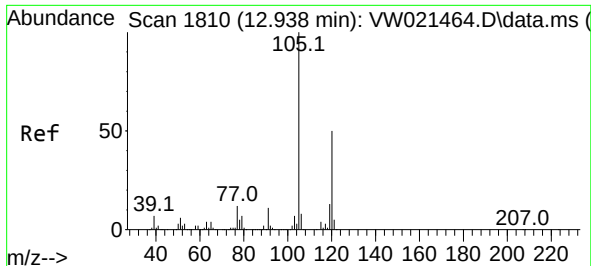
Tgt Ion:105 Resp: 102327
Ion Ratio Lower Upper
105 100
120 26.2 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 60.084 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion: 75 Resp: 21690
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
110 45.4 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 26.218 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

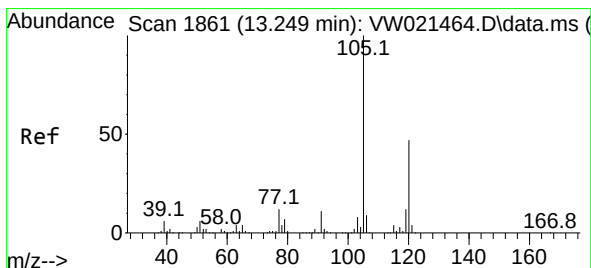
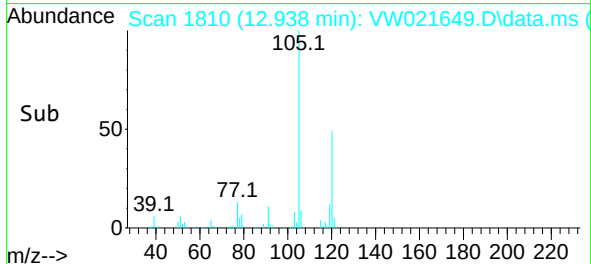
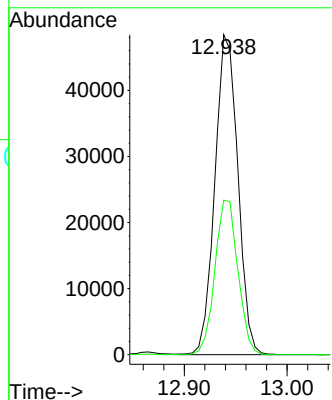
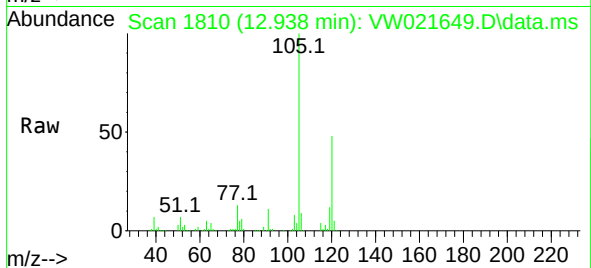
ClientSampleId :

Tgt Ion:105 Resp: 75193

Ion Ratio Lower Upper

105 100

120 48.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.101 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021649.D

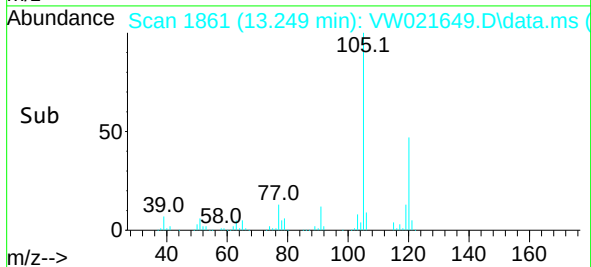
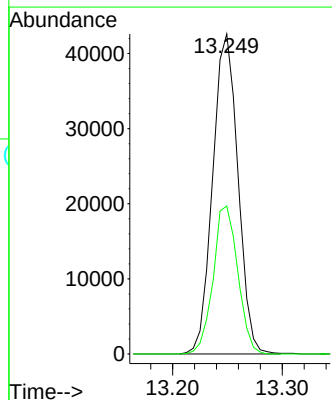
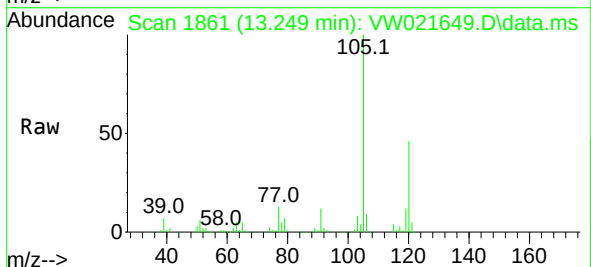
Acq: 25 Dec 2021 16:33

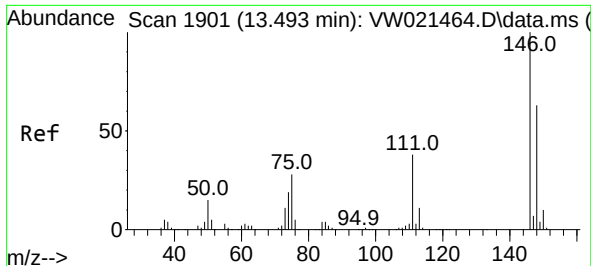
Tgt Ion:105 Resp: 68188

Ion Ratio Lower Upper

105 100

120 45.1 35.0 52.6

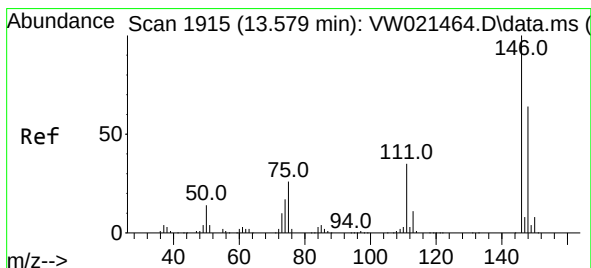
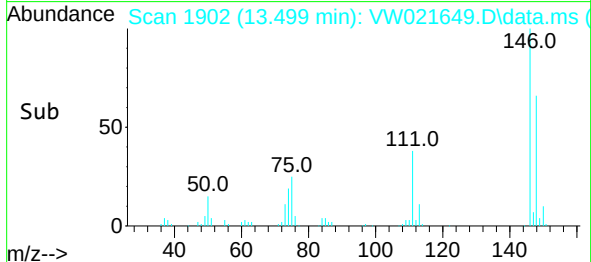
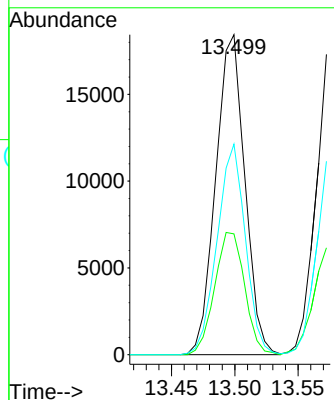
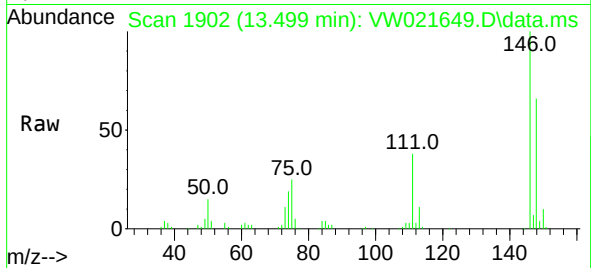




#64
1,3-Dichlorobenzene
Concen: 18.573 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

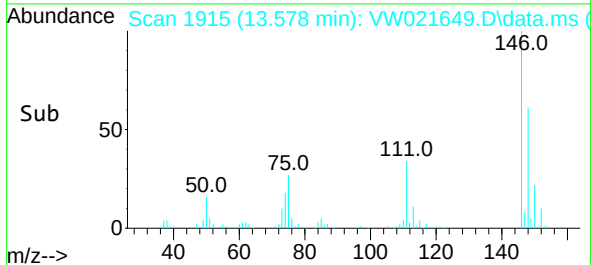
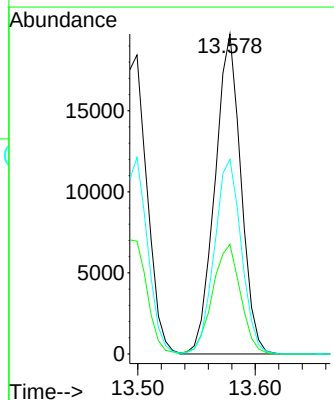
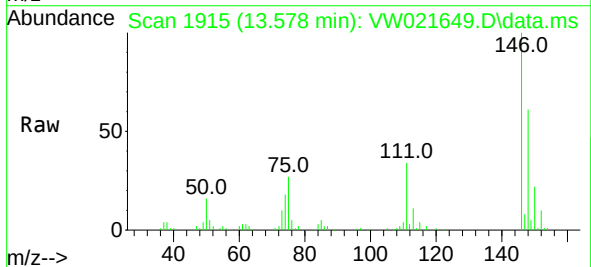
Instrument :
MSVOA_W
ClientSampleId :

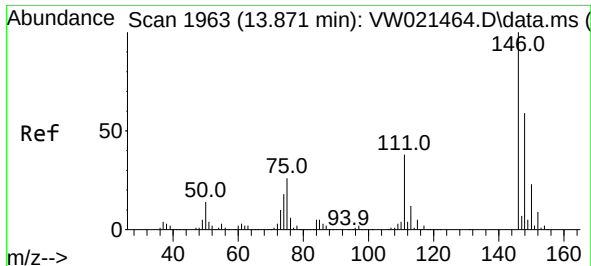
Tgt Ion:146 Resp: 29526
Ion Ratio Lower Upper
146 100
111 37.8 29.8 55.3
148 65.8 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 19.226 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021649.D
Acq: 25 Dec 2021 16:33

Tgt Ion:146 Resp: 30367
Ion Ratio Lower Upper
146 100
111 34.2 29.0 53.9
148 60.8 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.332 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :

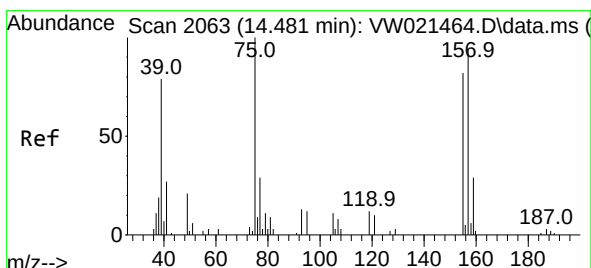
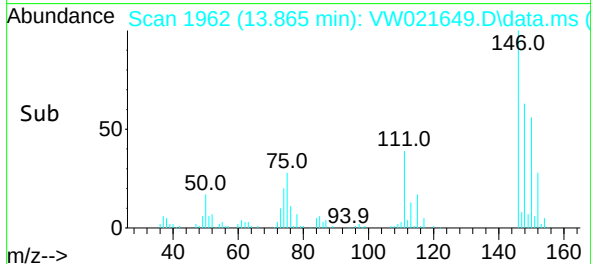
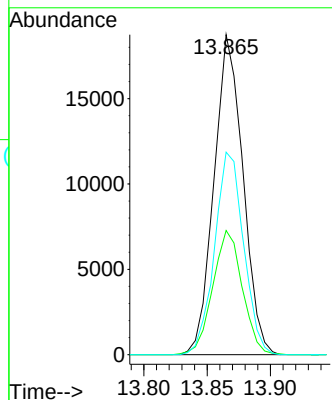
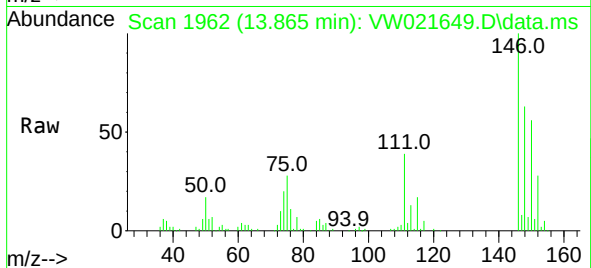
Tgt Ion:146 Resp: 29856

Ion Ratio Lower Upper

146 100

111 38.8 33.1 49.7

148 63.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.338 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

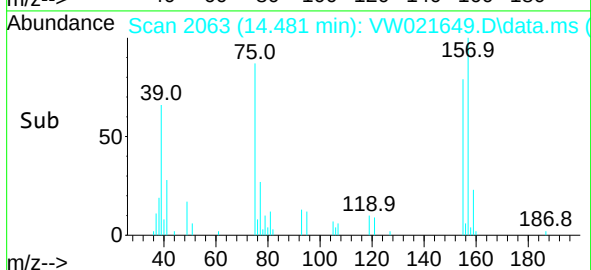
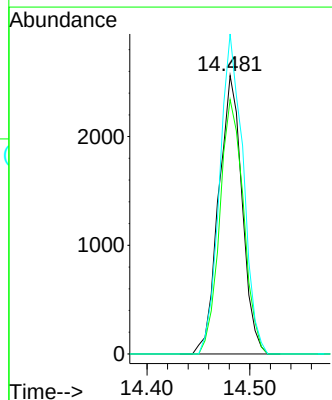
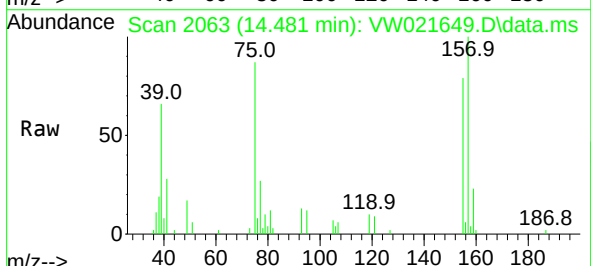
Tgt Ion: 75 Resp: 4046

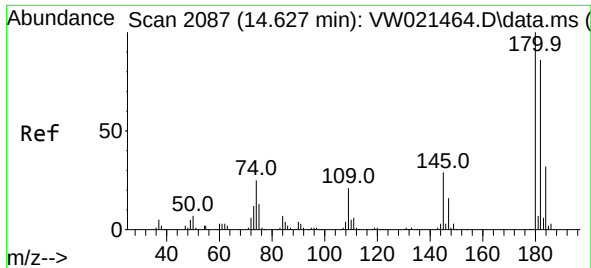
Ion Ratio Lower Upper

75 100

155 91.3 54.2 81.2#

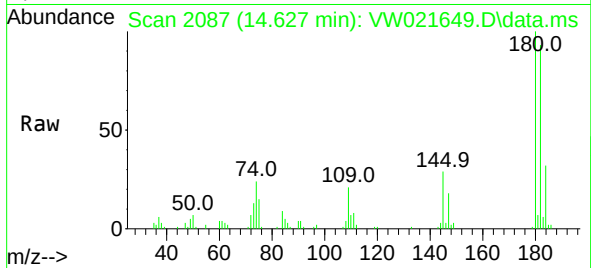
157 114.9 69.4 104.2#



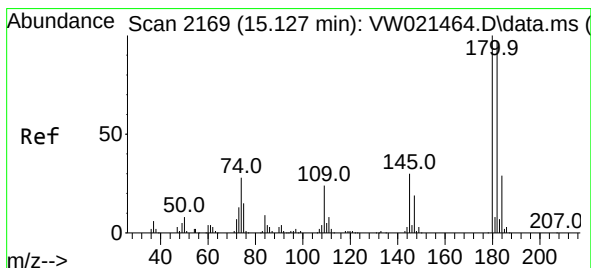
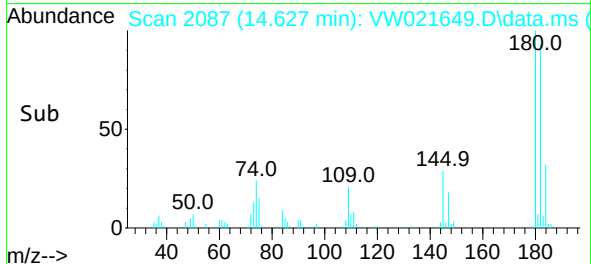
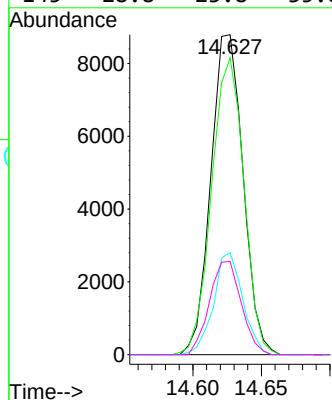


#69
 1,3,5-Trichlorobenzene
 Concen: 12.116 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

Instrument :
 MSVOA_W
 ClientSampleId :

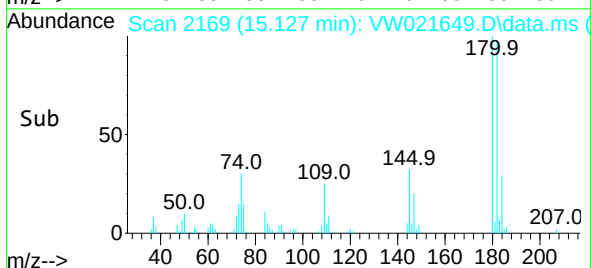
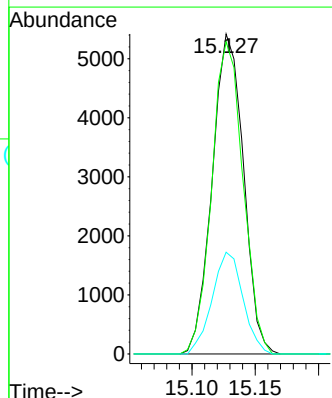
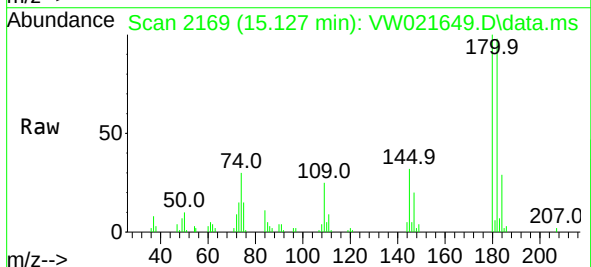


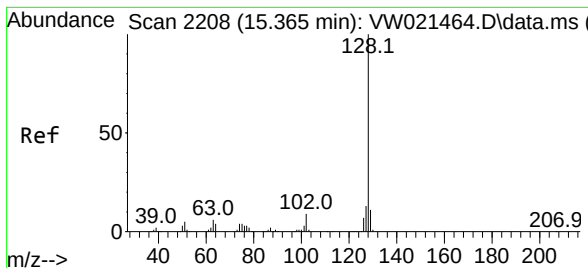
Tgt Ion:	180	Resp:	14396
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.4	113.0
184	28.8	23.8	35.8
145	28.8	23.8	35.8



#70
 1,2,4-trichlorobenzene
 Concen: 9.737 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021649.D
 Acq: 25 Dec 2021 16:33

Tgt Ion:	180	Resp:	9306
Ion Ratio	Lower	Upper	
180	100		
182	97.4	79.0	118.6
145	31.4	26.0	39.0





#71

Naphthalene

Concen: 13.446 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Instrument :

MSVOA_W

ClientSampleId :

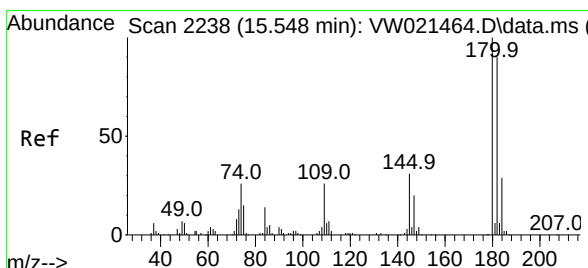
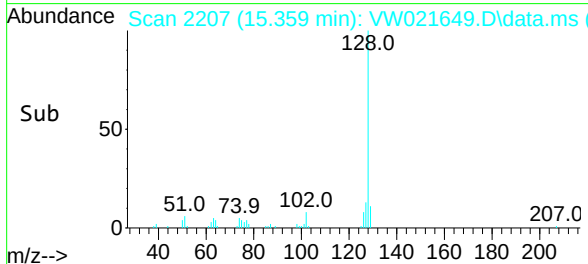
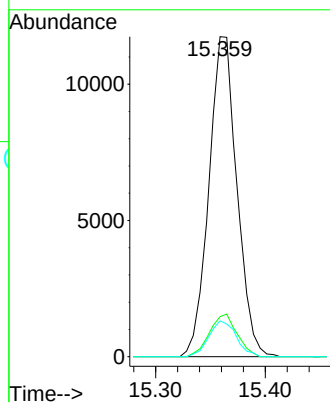
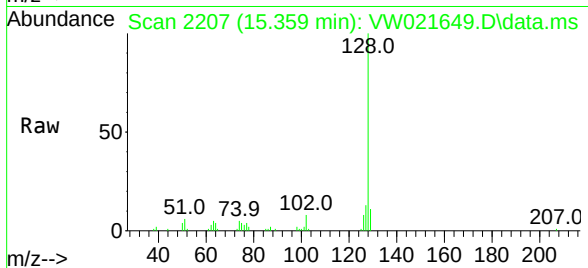
Tgt Ion:128 Resp: 20878

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 10.999 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021649.D

Acq: 25 Dec 2021 16:33

Tgt Ion:180 Resp: 8687

Ion Ratio Lower Upper

180 100

182 92.5 76.6 114.8

145 30.4 27.4 41.0

