

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021666.D
 Acq On : 28 Dec 2021 10:14
 Operator : SY/VA
 Sample : VSTD2.538
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 28 11:52:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 11:51:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	108072	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	102923	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	57686	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	4809	2.422	ug/L	0.00
7) Chloroethane-d5	2.885	69	3128	2.364	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	7456	2.747	ug/L	0.00
21) 2-Butanone-d5	7.086	46	955	3.240	ug/L	0.00
24) Chloroform-d	7.647	84	8216	2.637	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	4416	2.660	ug/L	0.00
32) Benzene-d6	8.281	84	15250	2.664	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	4228	2.733	ug/L	0.00
41) Toluene-d8	10.323	98	14735	2.541	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	1861	2.557	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	1210	5.134	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	3420	2.583	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	5517	2.457	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	1018	2.149	ug/L	95
3) Chloromethane	2.215	50	3966	2.705	ug/L	96
5) Vinyl chloride	2.361	62	6235	2.778	ug/L	95
6) Bromomethane	2.776	94	3974	2.727	ug/L	99
8) Chloroethane	2.916	64	2891	2.769	ug/L	99
9) Trichlorofluoromethane	3.257	101	3700	3.046	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	4578	2.960	ug/L	92
12) 1,1-Dichloroethene	4.038	96	2384	1.714	ug/L	82
13) Acetone	4.135	43	1851	7.082	ug/L	82
14) Carbon disulfide	4.391	76	11291	3.041	ug/L	98
15) Methyl Acetate	4.672	43	656	1.440	ug/L	# 77
16) Methylene chloride	4.915	84	7054	3.850	ug/L	84
17) trans-1,2-Dichloroethene	5.434	96	4316	2.872	ug/L	77
18) Methyl tert-butyl Ether	5.434	73	5874	2.761	ug/L	# 91
19) 1,1-Dichloroethane	6.220	63	6628	2.799	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	4540	2.864	ug/L	69
22) 2-Butanone	7.177	43	2241	6.494	ug/L	99
23) Bromochloromethane	7.513	128	2177	2.904	ug/L	# 59
25) Chloroform	7.677	83	7641	2.777	ug/L	96
27) 1,2-Dichloroethane	8.403	62	5002	2.832	ug/L	# 93
29) Cyclohexane	7.958	56	6118	2.892	ug/L	86
30) 1,1,1-Trichloroethane	7.872	97	6916	2.889	ug/L	95
31) Carbon tetrachloride	8.067	117	6748	3.024	ug/L	95
33) Benzene	8.323	78	16713	2.889	ug/L	100
34) Trichloroethene	9.098	95	4707	2.891	ug/L	96
35) Methylcyclohexane	9.335	83	7296	2.718	ug/L	84
37) 1,2-Dichloropropane	9.366	63	3612	2.799	ug/L	98
38) Bromodichloromethane	9.646	83	5357	2.958	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	5295	2.571	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	4158	5.775	ug/L	# 93
42) Toluene	10.390	91	17993	2.685	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	4525	2.477	ug/L	96

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 Response via : Initial Calibration

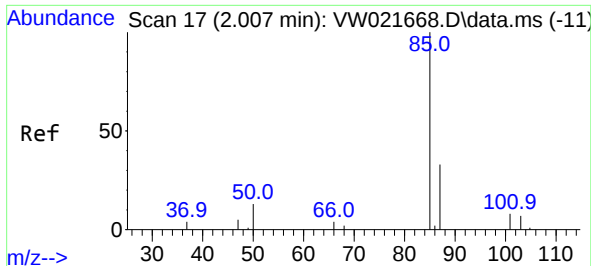
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	3020	2.819	ug/L	94
46) Tetrachloroethene	10.859	164	4426	2.879	ug/L	97
48) 2-Hexanone	10.969	43	2552	4.936	ug/L #	91
49) Dibromochloromethane	11.128	129	3813	2.834	ug/L	95
50) 1,2-Dibromoethane	11.237	107	2851	2.642	ug/L #	96
51) Chlorobenzene	11.658	112	12038	2.688	ug/L	94
52) Ethylbenzene	11.731	91	20283	2.666	ug/L	98
53) m,p-Xylene	11.841	106	7953	2.599	ug/L	83
54) o-Xylene	12.164	106	7342	2.537	ug/L	91
55) Styrene	12.182	104	12011	2.417	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	3283	2.696	ug/L	95
59) Bromoform	12.347	173	2010	2.690	ug/L #	93
60) Isopropylbenzene	12.463	105	20110	2.547	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	2421	2.796	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	16521	2.451	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	16410	2.454	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	9885	2.623	ug/L	86
65) 1,4-Dichlorobenzene	13.572	146	9787	2.630	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	8657	2.614	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.621	75	1130	6.102	ug/L #	10
69) 1,3,5-Trichlorobenzene	14.627	180	6951	2.485	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	5398	2.362	ug/L	97
71) Naphthalene	15.365	128	8875	2.385	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	4961	2.656	ug/L	96

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

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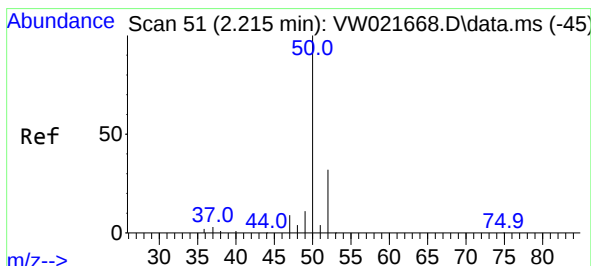
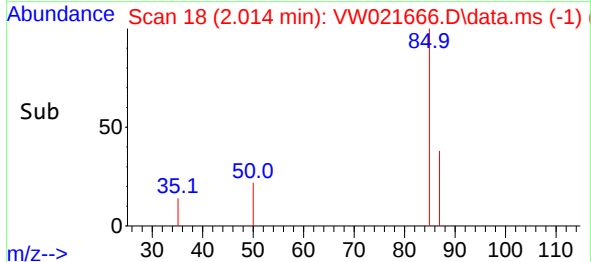
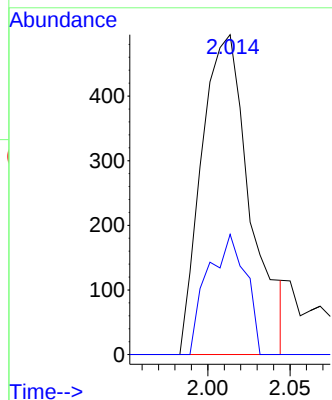
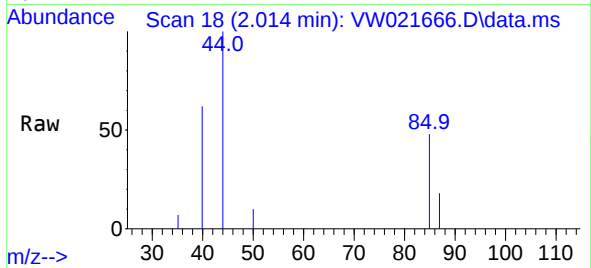




#2
 Dichlorodifluoromethane
 Concen: 2.149 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VW021666.D
 Acq: 28 Dec 2021 10:14

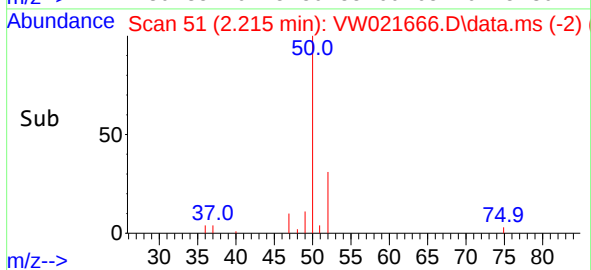
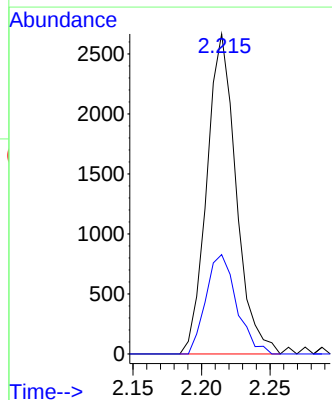
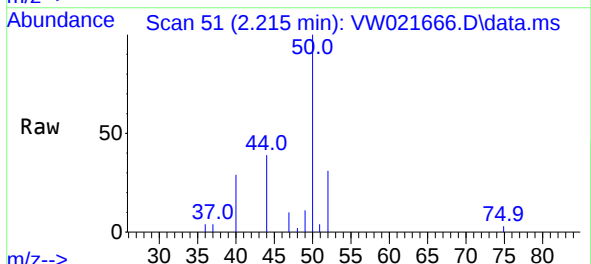
Instrument :
 MSVOA_W
 ClientSampleId :

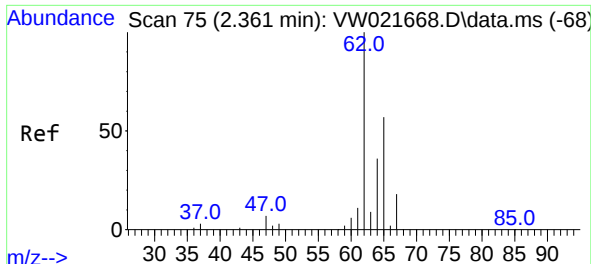
Tgt Ion: 85 Resp: 1018
 Ion Ratio Lower Upper
 85 100
 87 29.5 25.8 38.6



#3
 Chloromethane
 Concen: 2.705 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021666.D
 Acq: 28 Dec 2021 10:14

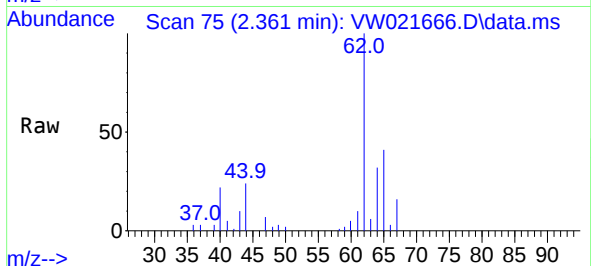
Tgt Ion: 50 Resp: 3966
 Ion Ratio Lower Upper
 50 100
 52 31.1 23.4 43.6



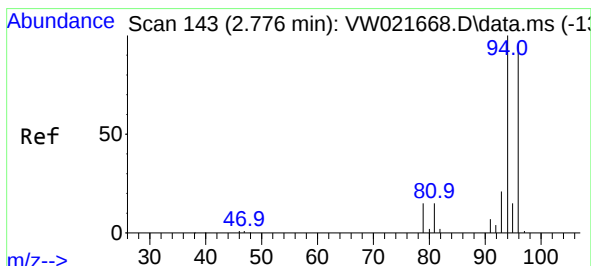
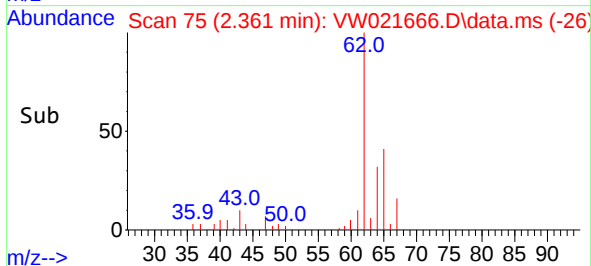
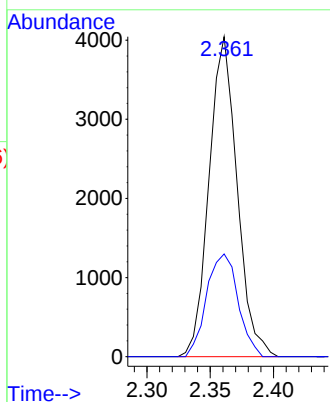


#5
 Vinyl chloride
 Concen: 2.778 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021666.D
 Acq: 28 Dec 2021 10:14

Instrument :
 MSVOA_W
 ClientSampleId :

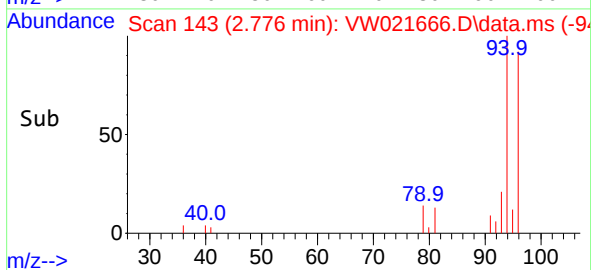
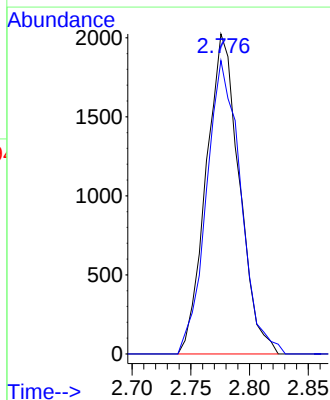
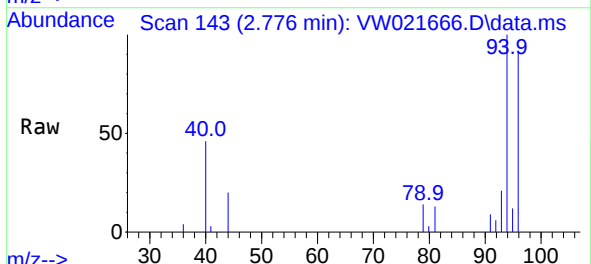


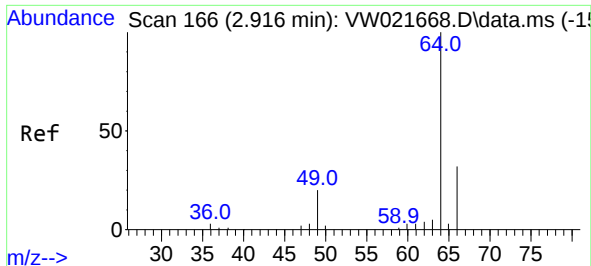
Tgt Ion: 62 Resp: 6235
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.4 45.2



#6
 Bromomethane
 Concen: 2.727 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021666.D
 Acq: 28 Dec 2021 10:14

Tgt Ion: 94 Resp: 3974
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.8 120.4

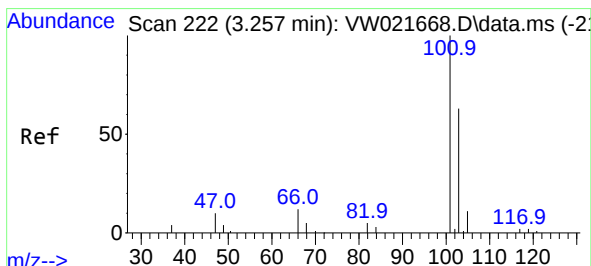
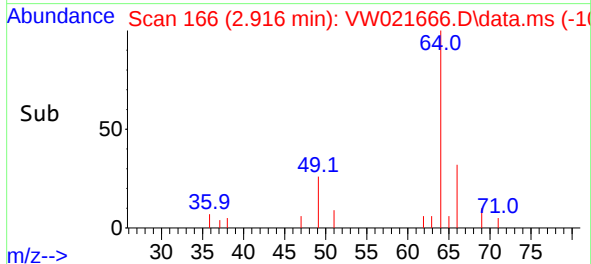
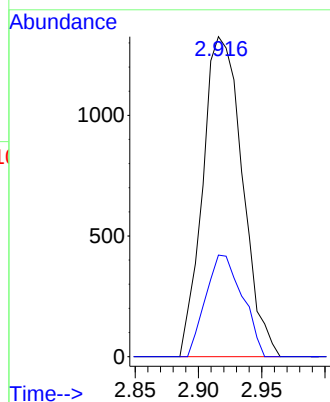
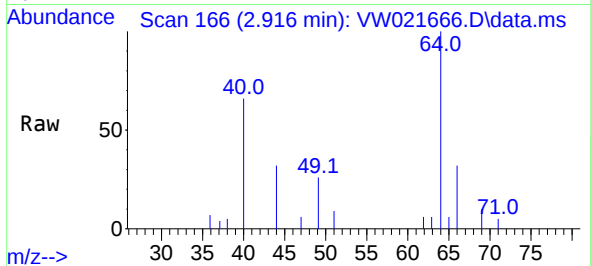




#8
Chloroethane
Concen: 2.769 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

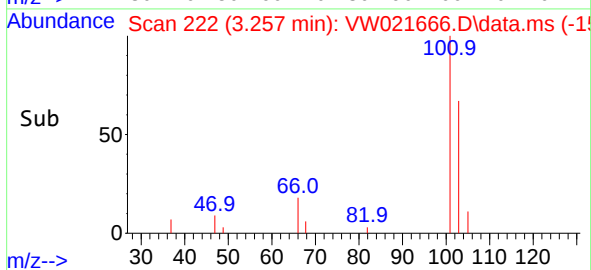
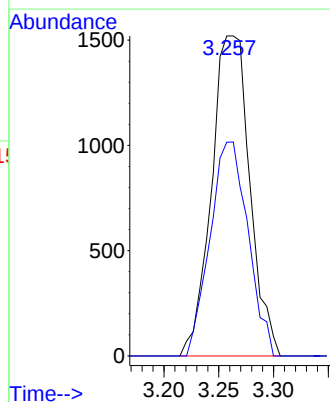
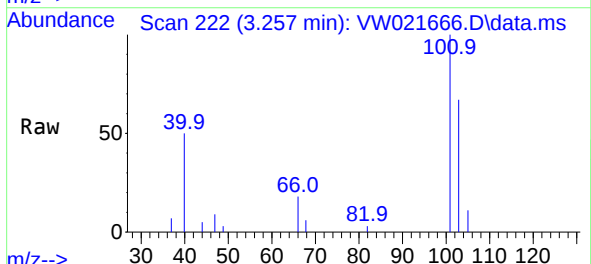
Instrument :
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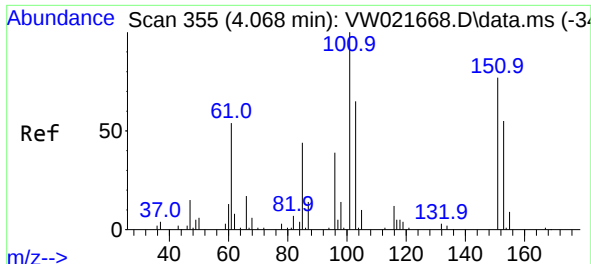
Tgt Ion: 64 Resp: 2891
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 3.046 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion: 101 Resp: 3700
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

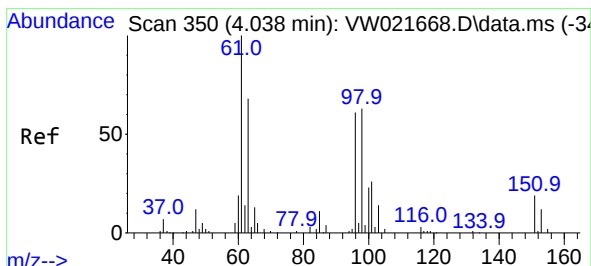
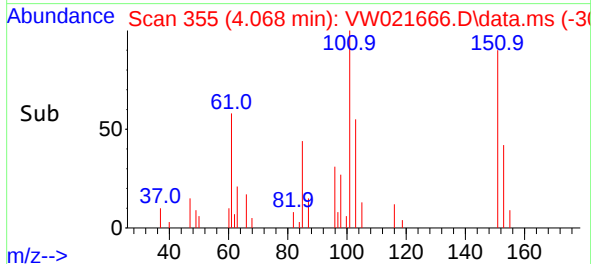
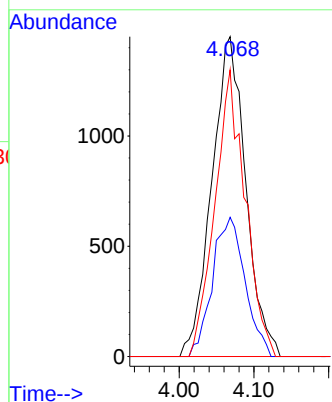
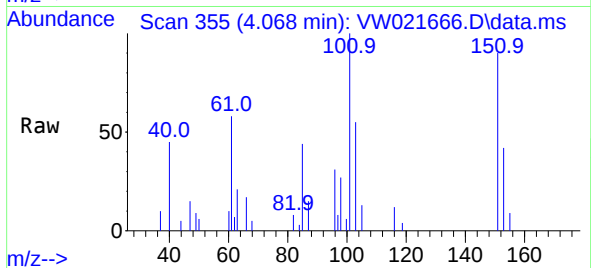




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.960 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW021666.D
 Acq: 28 Dec 2021 10:14

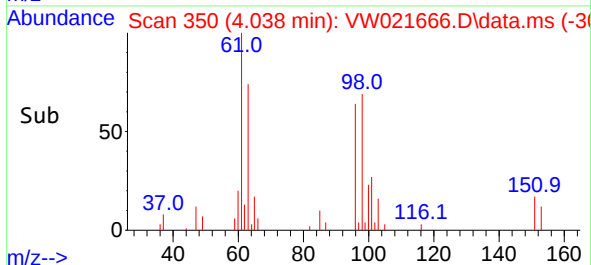
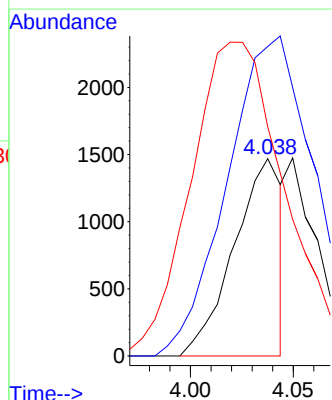
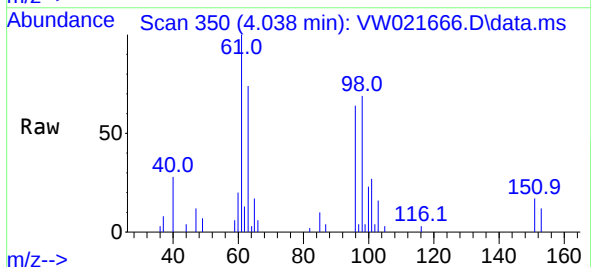
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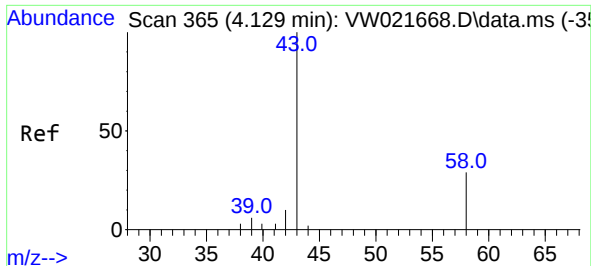
Tgt Ion:101 Resp: 4578
 Ion Ratio Lower Upper
 101 100
 85 41.9 36.6 54.8
 151 80.2 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 1.714 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021666.D
 Acq: 28 Dec 2021 10:14

Tgt Ion: 96 Resp: 2384
 Ion Ratio Lower Upper
 96 100
 61 156.9 138.3 256.9
 63 116.1 82.6 153.4





#13

Acetone

Concen: 7.082 ug/L

RT: 4.135 min Scan# 30

Delta R.T. 0.006 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

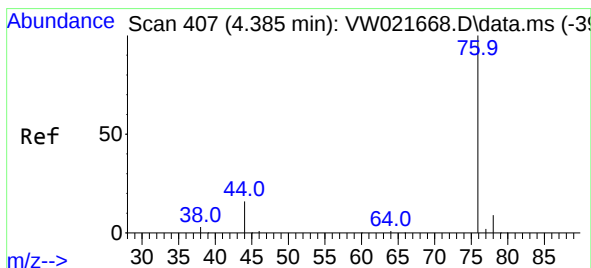
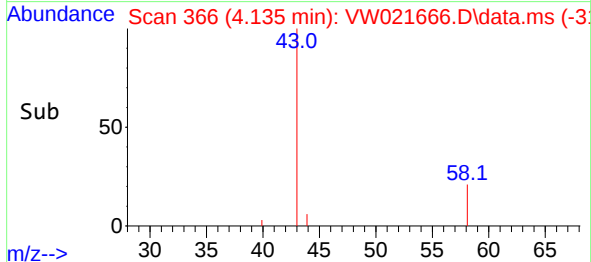
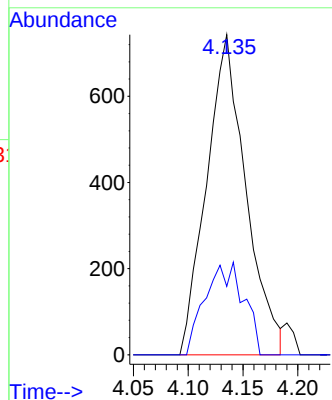
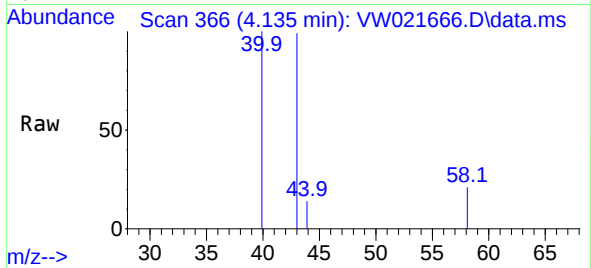
ClientSampleId :

Tgt Ion: 43 Resp: 1851

Ion Ratio Lower Upper

43 100

58 16.9 0.0 52.8



#14

Carbon disulfide

Concen: 3.041 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW021666.D

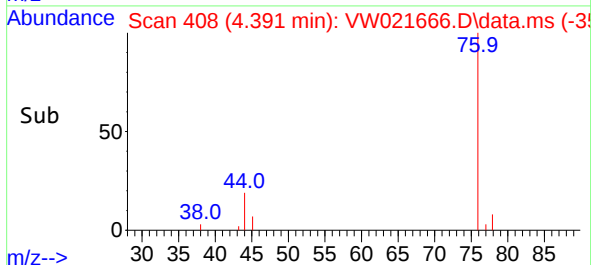
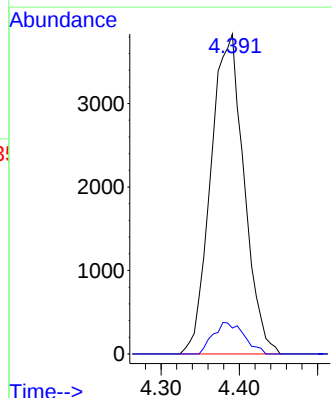
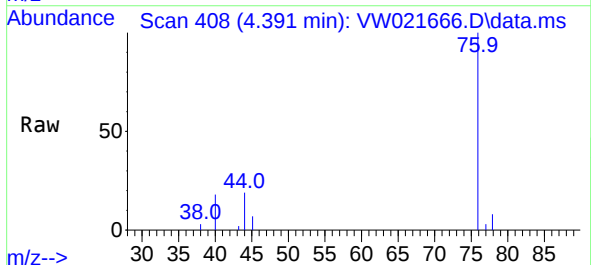
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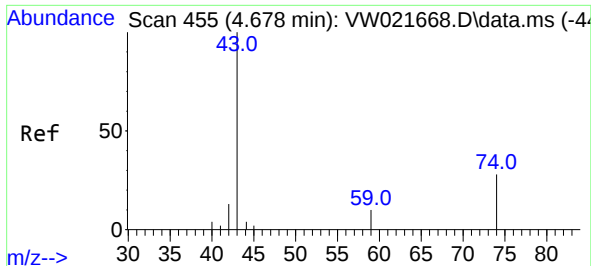
Tgt Ion: 76 Resp: 11291

Ion Ratio Lower Upper

76 100

78 8.1 7.1 10.7

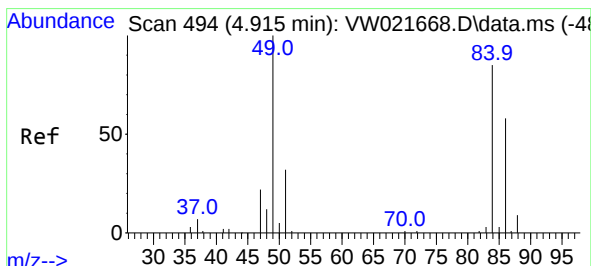
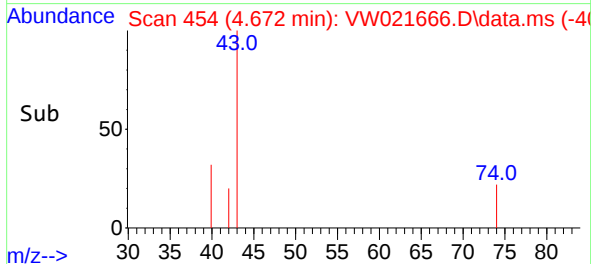
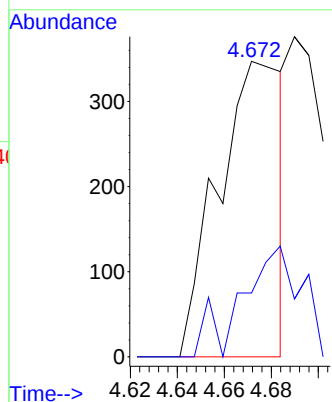
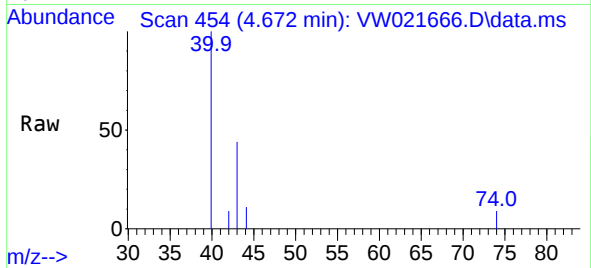




#15
Methyl Acetate
Concen: 1.440 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

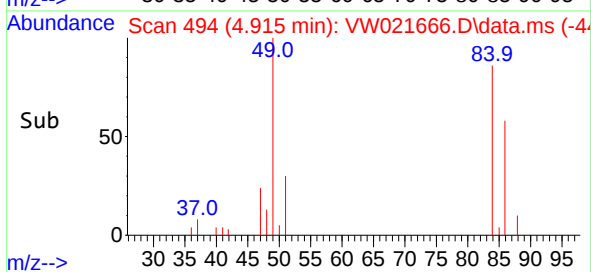
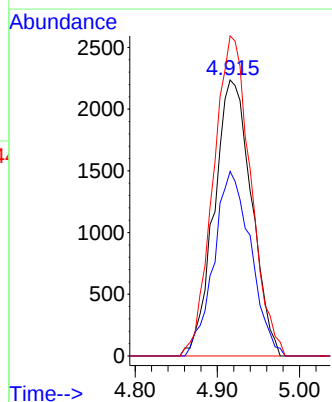
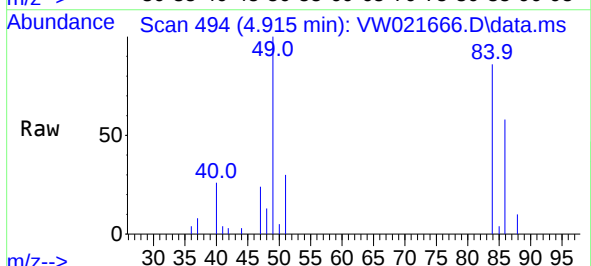
Instrument :
MSVOA_W
ClientSampleId :

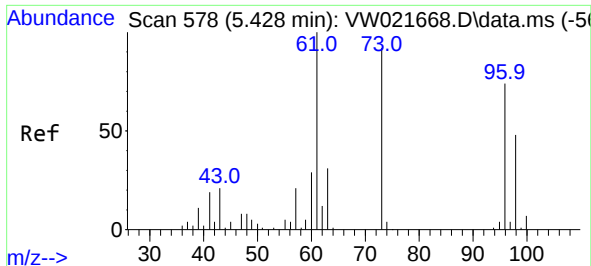
Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
74 30.9 16.4 24.6#



#16
Methylene chloride
Concen: 3.850 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion: 84 Resp: 7054
Ion Ratio Lower Upper
84 100
86 66.9 45.5 84.5
49 116.0 100.5 186.7

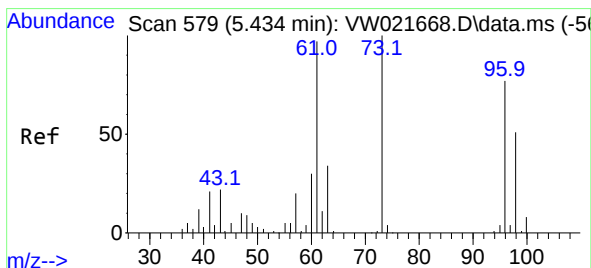
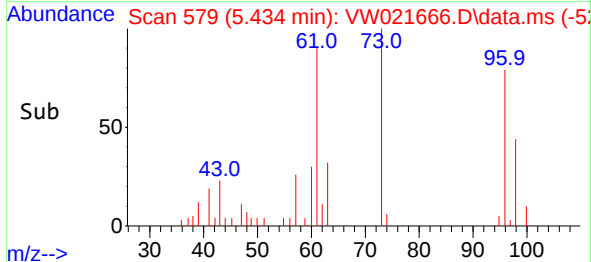
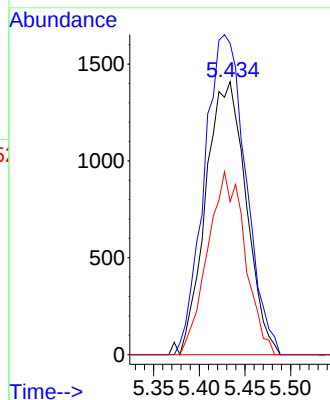
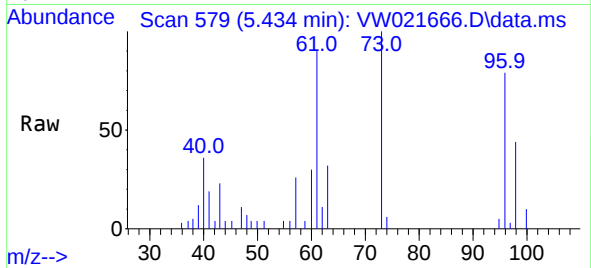




#17
trans-1,2-Dichloroethene
Concen: 2.872 ug/L
RT: 5.434 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

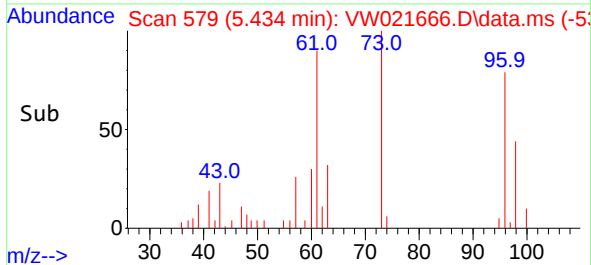
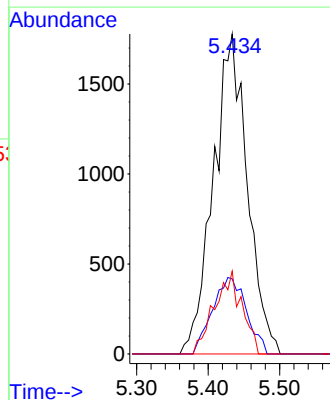
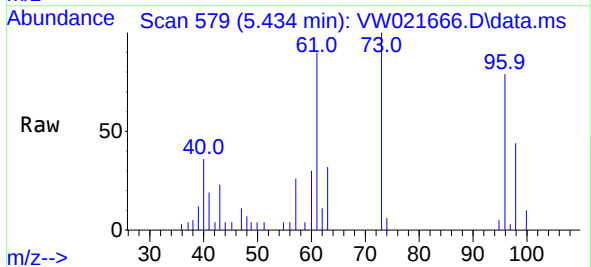
Instrument :
MSVOA_W
ClientSampleId :

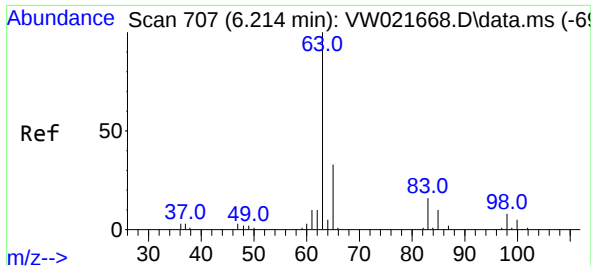
Tgt Ion: 96 Resp: 4316
Ion Ratio Lower Upper
96 100
61 114.1 107.4 199.4
98 56.1 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 2.761 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion: 73 Resp: 5874
Ion Ratio Lower Upper
73 100
43 23.9 19.5 29.3
57 15.9 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 2.799 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

ClientSampleId :

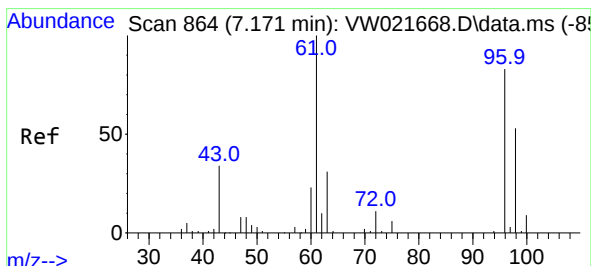
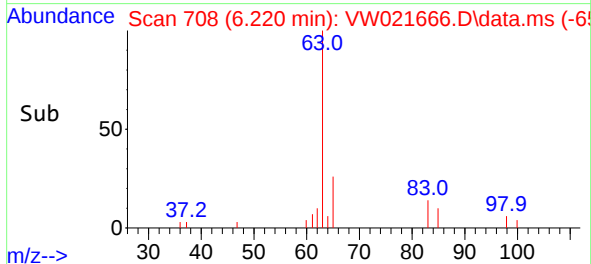
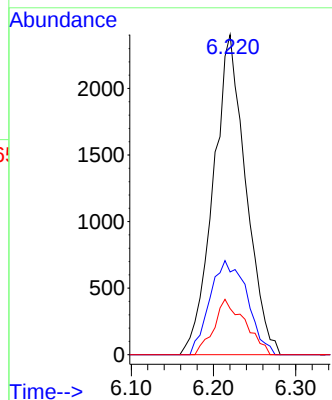
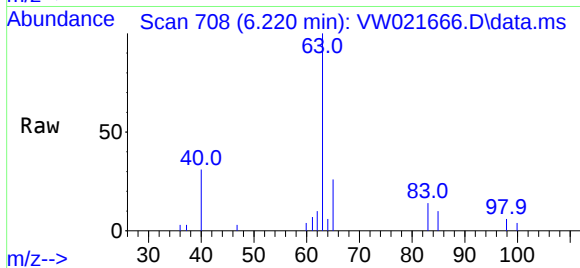
Tgt Ion: 63 Resp: 6628

Ion Ratio Lower Upper

63 100

65 25.8 22.1 41.1

83 14.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 2.864 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

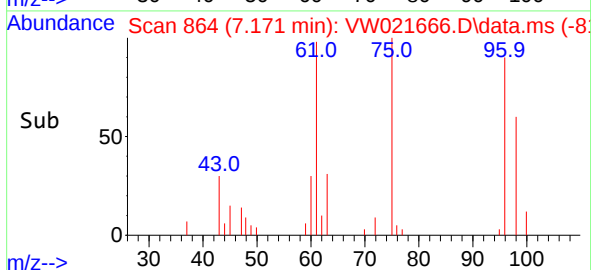
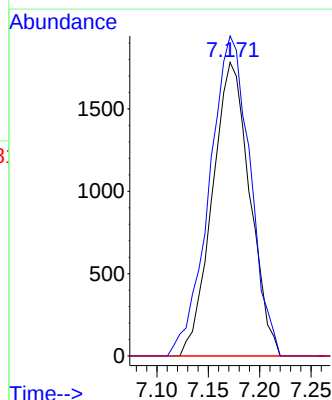
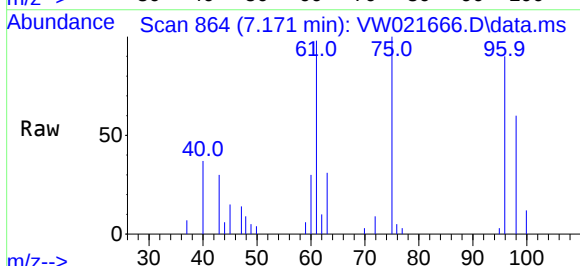
Tgt Ion: 96 Resp: 4540

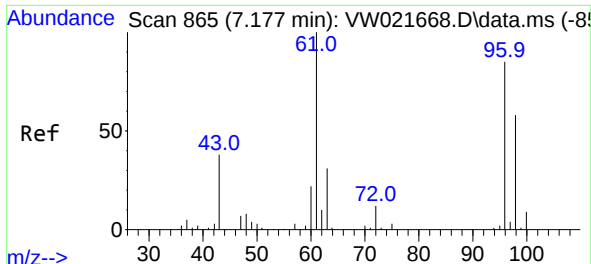
Ion Ratio Lower Upper

96 100

61 109.0 103.7 192.7

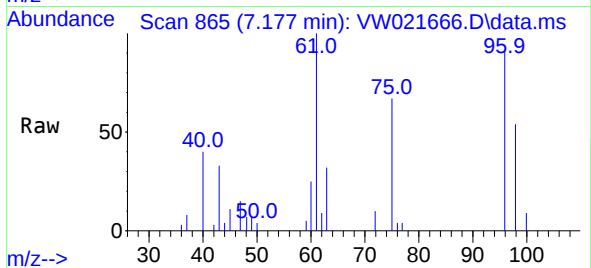
68 0.0 0.0 0.0



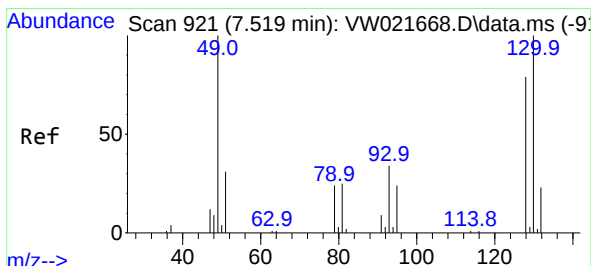
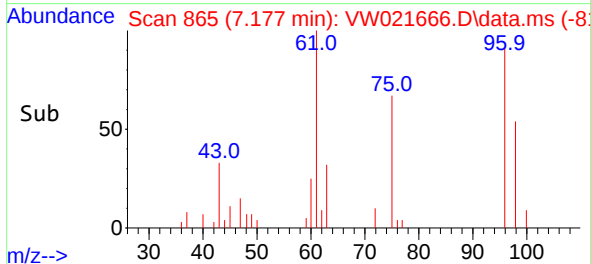
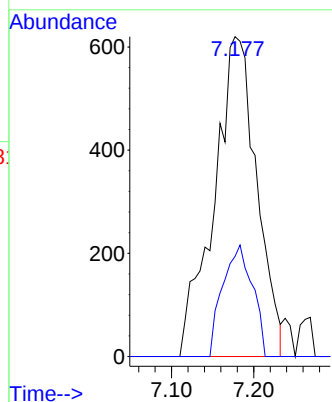


#22
2-Butanone
Concen: 6.494 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Instrument :
MSVOA_W
ClientSampleId :

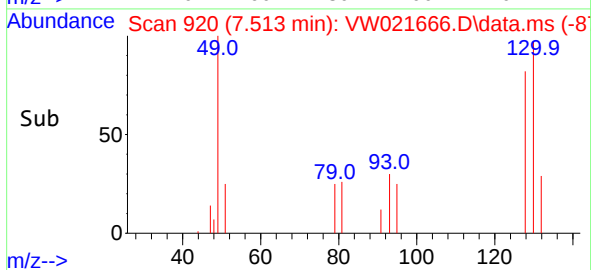
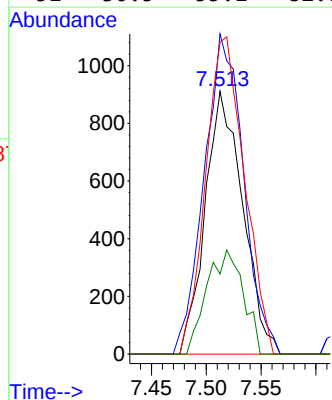
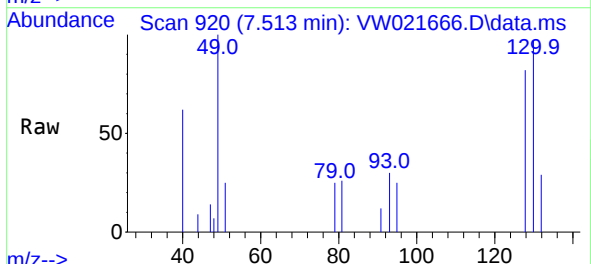


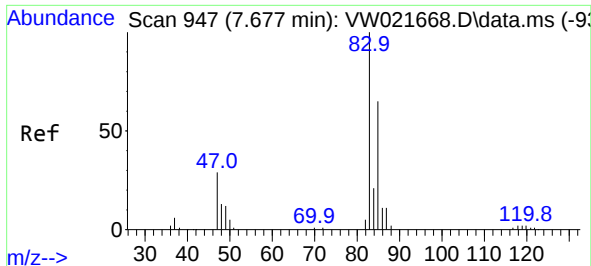
Tgt Ion: 43 Resp: 2241
Ion Ratio Lower Upper
43 100
72 24.2 11.8 35.4



#23
Bromochloromethane
Concen: 2.904 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion: 128 Resp: 2177
Ion Ratio Lower Upper
128 100
49 121.8 150.3 279.1#
130 118.7 88.3 163.9
51 30.5 55.1 82.7#





#25

Chloroform

Concen: 2.777 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

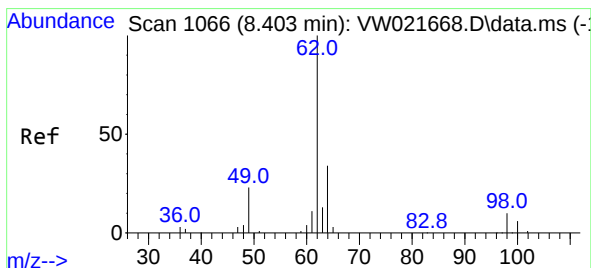
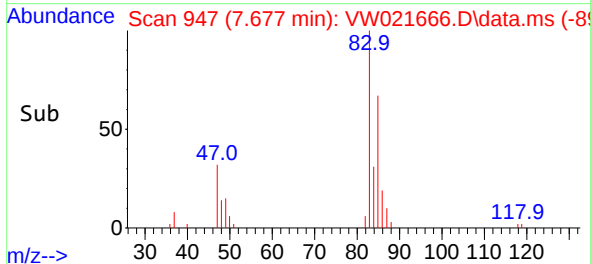
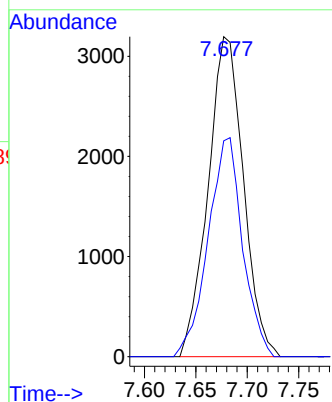
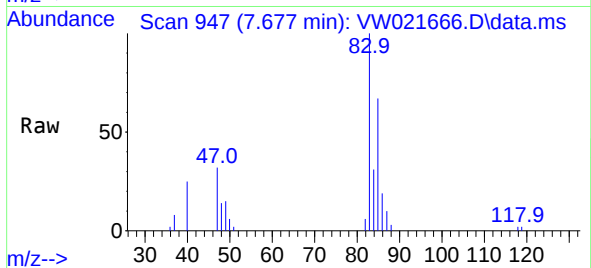
ClientSampleId :

Tgt Ion: 83 Resp: 7641

Ion Ratio Lower Upper

83 100

85 67.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 2.832 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021666.D

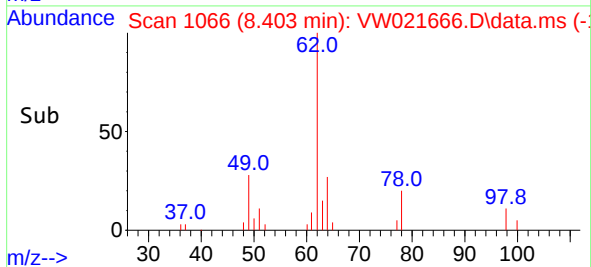
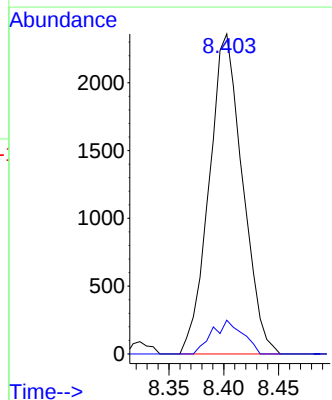
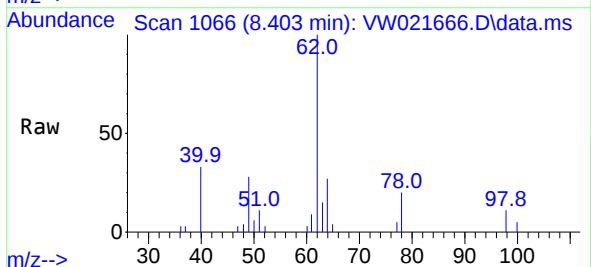
Acq: 28 Dec 2021 10:14

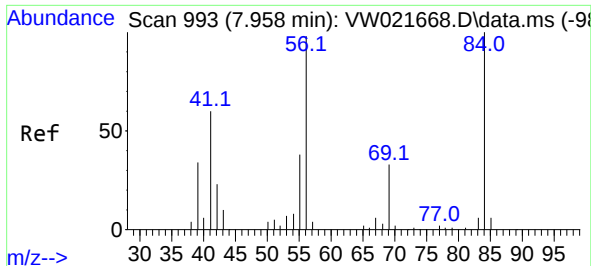
Tgt Ion: 62 Resp: 5002

Ion Ratio Lower Upper

62 100

98 10.6 6.5 9.7#





#29

Cyclohexane

Concen: 2.892 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

ClientSampleId :

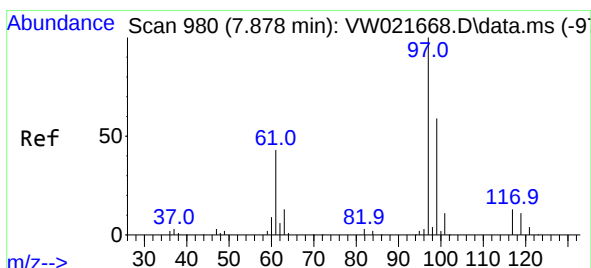
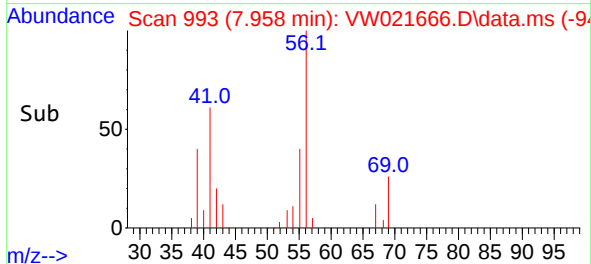
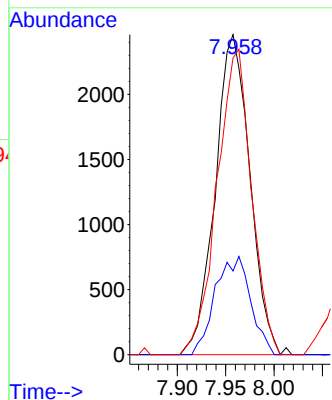
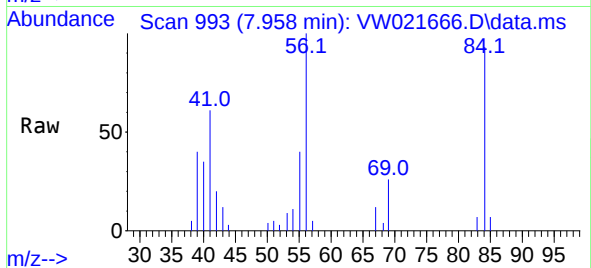
Tgt Ion: 56 Resp: 6118

Ion Ratio Lower Upper

56 100

69 31.3 23.5 35.3

84 94.8 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 2.889 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

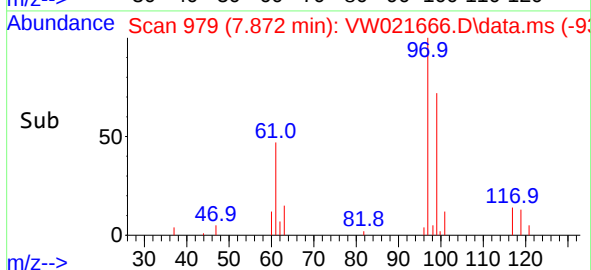
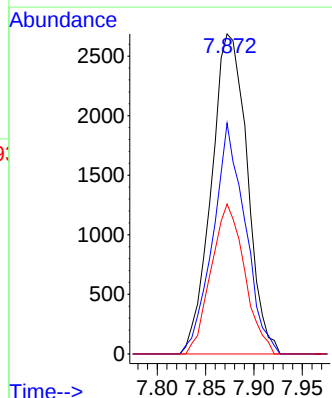
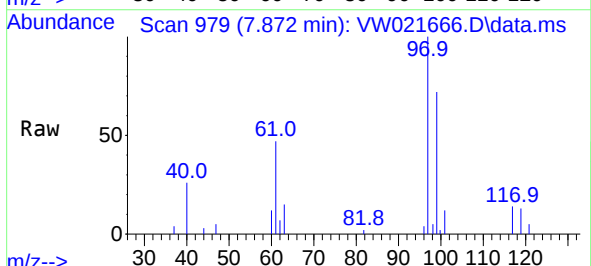
Tgt Ion: 97 Resp: 6916

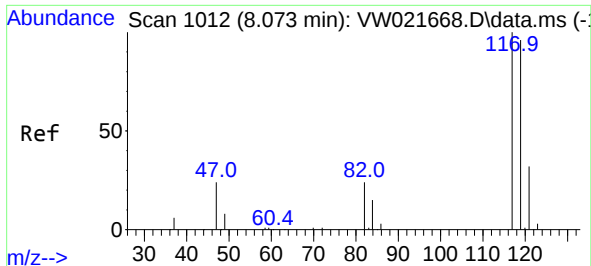
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 43.7 40.9 61.3

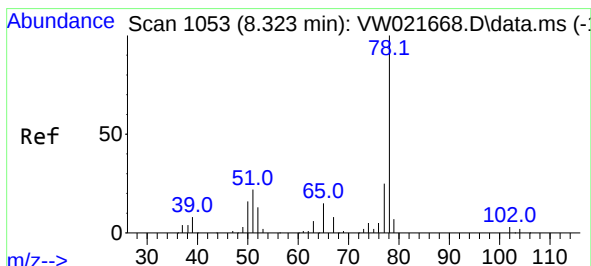
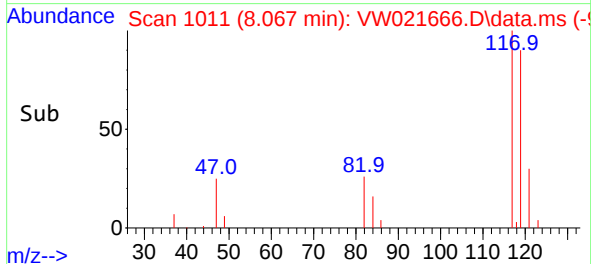
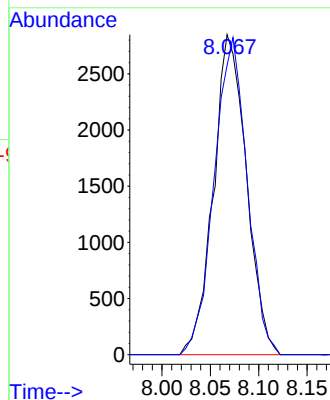
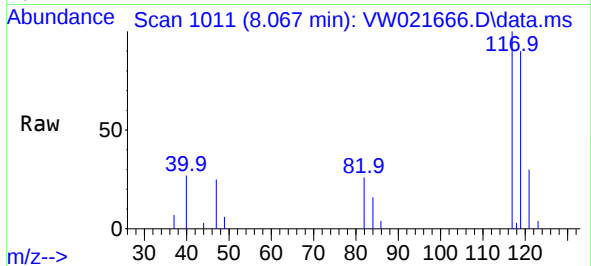




#31
Carbon tetrachloride
Concen: 3.024 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

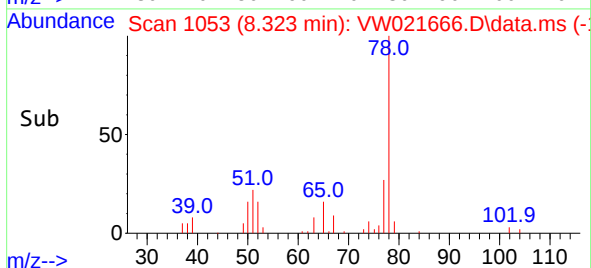
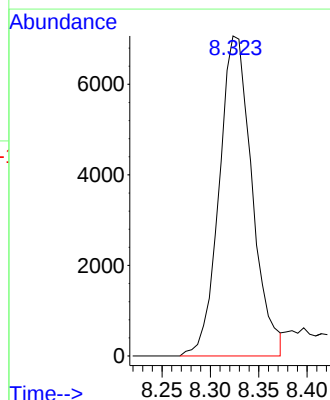
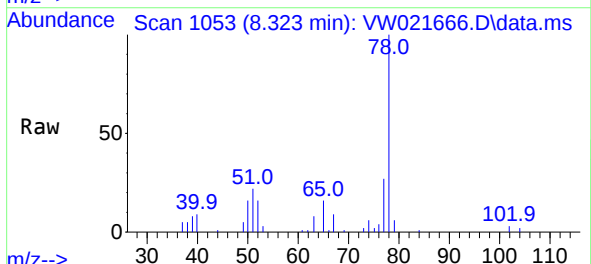
Instrument :
MSVOA_W
ClientSampleId :

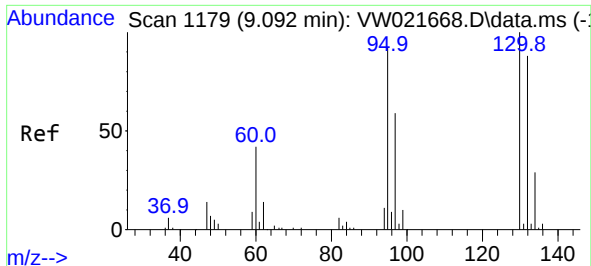
Tgt Ion:117 Resp: 6748
Ion Ratio Lower Upper
117 100
119 99.4 75.7 113.5



#33
Benzene
Concen: 2.889 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

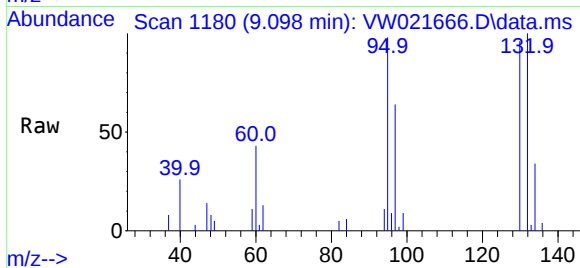
Tgt Ion: 78 Resp: 16713





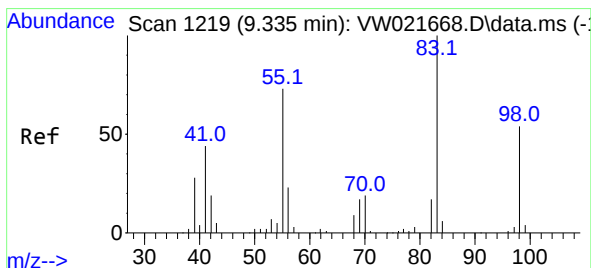
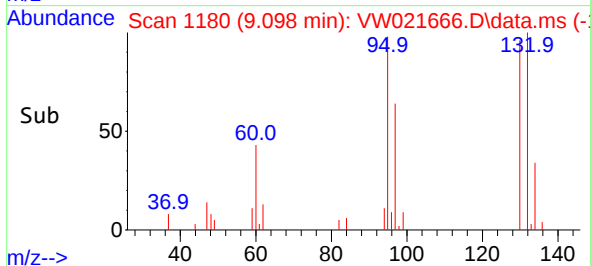
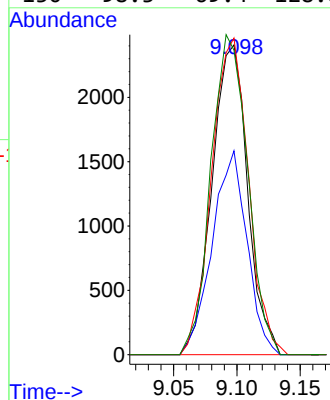
#34
Trichloroethene
Concen: 2.891 ug/L
RT: 9.098 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 4707

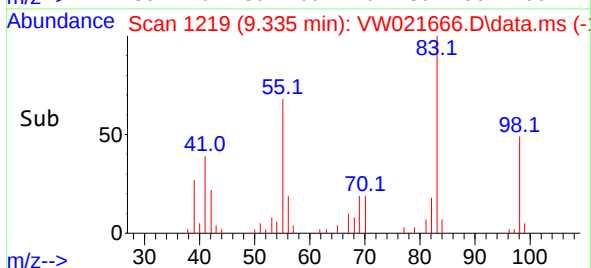
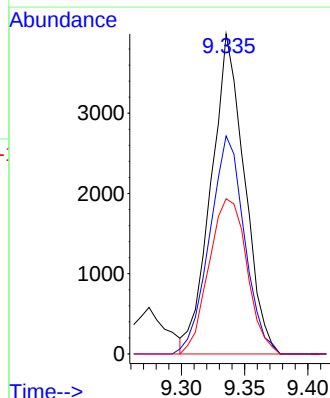
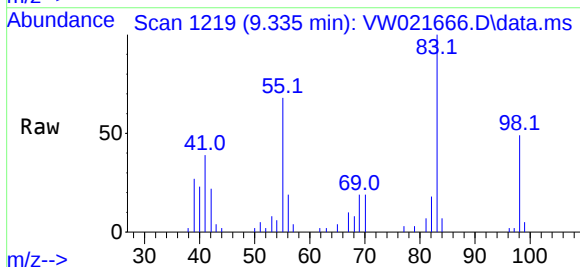
Ion	Ratio	Lower	Upper
95	100		
97	65.8	47.0	87.2
132	102.2	65.5	121.6
130	98.3	69.4	128.8

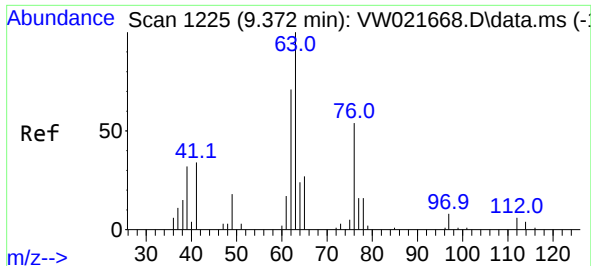


#35
Methylcyclohexane
Concen: 2.718 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion: 83 Resp: 7296

Ion	Ratio	Lower	Upper
83	100		
55	71.4	70.8	106.2
98	55.3	37.7	56.5





#37

1,2-Dichloropropane

Concen: 2.799 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

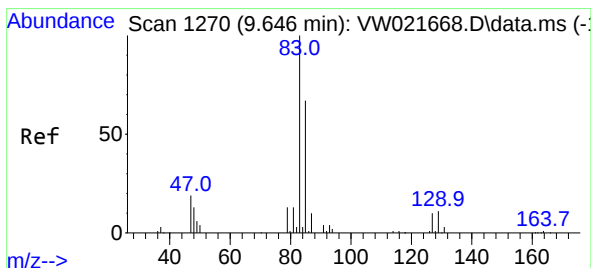
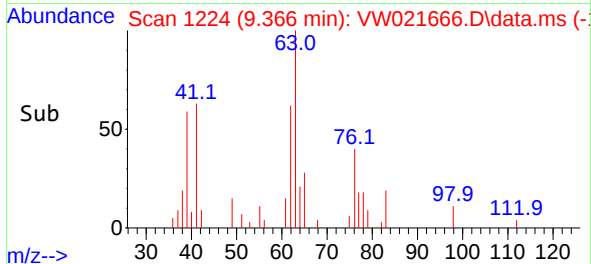
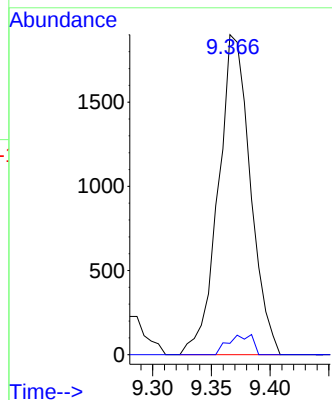
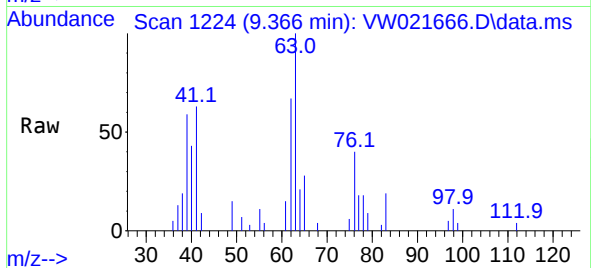
ClientSampleId :

Tgt Ion: 63 Resp: 3612

Ion Ratio Lower Upper

63 100

112 4.7 3.2 4.8



#38

Bromodichloromethane

Concen: 2.958 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

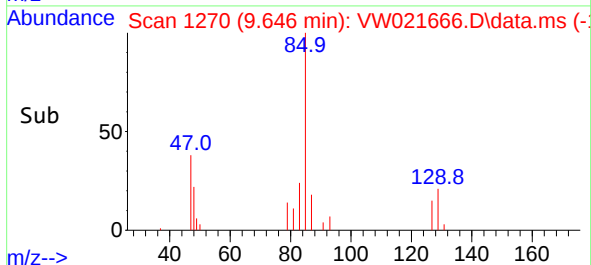
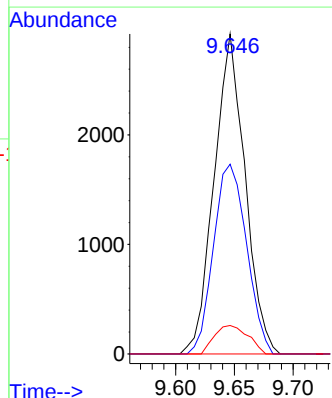
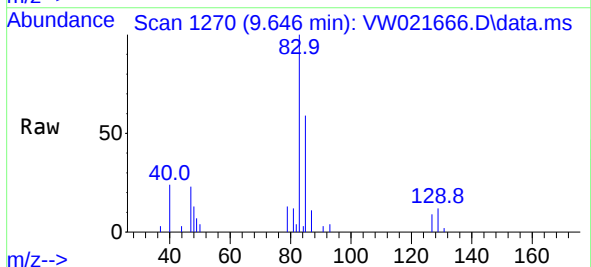
Tgt Ion: 83 Resp: 5357

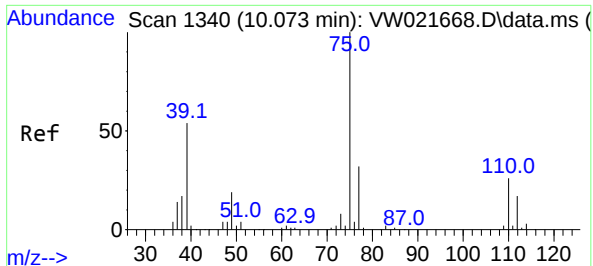
Ion Ratio Lower Upper

83 100

85 59.3 44.1 81.9

127 8.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 2.571 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

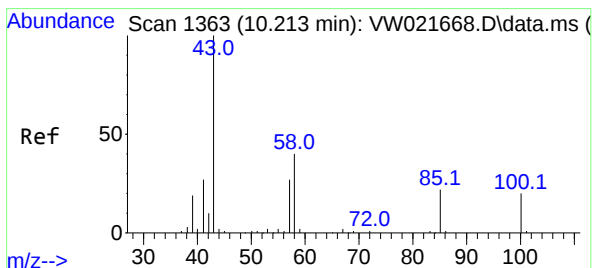
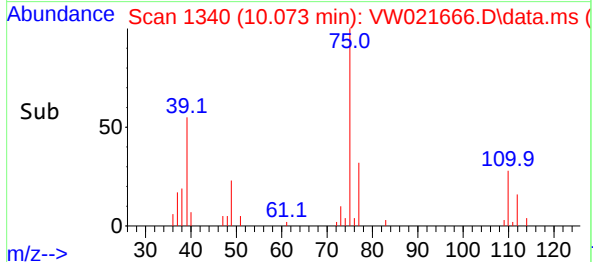
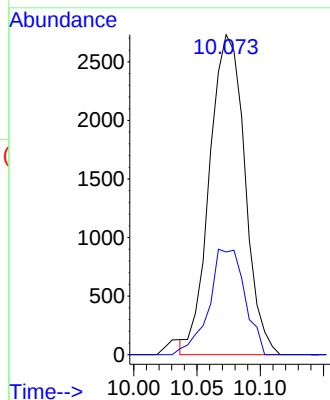
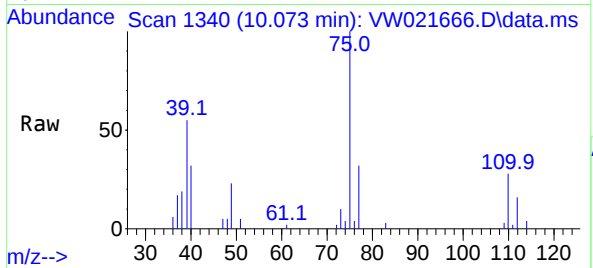
ClientSampleId :

Tgt Ion: 75 Resp: 5295

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 5.775 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

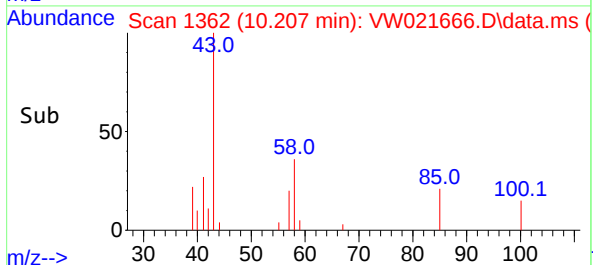
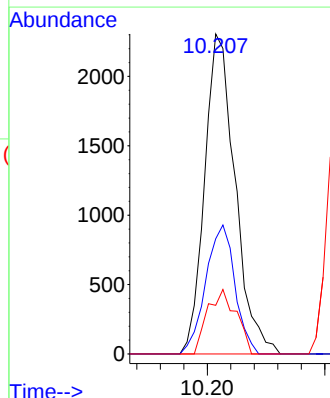
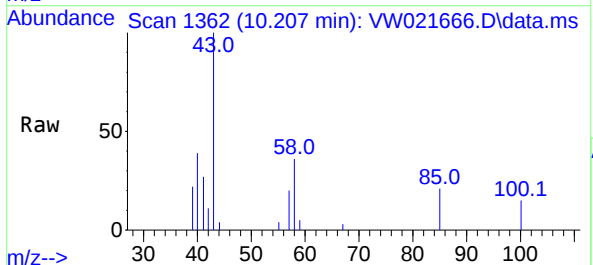
Tgt Ion: 43 Resp: 4158

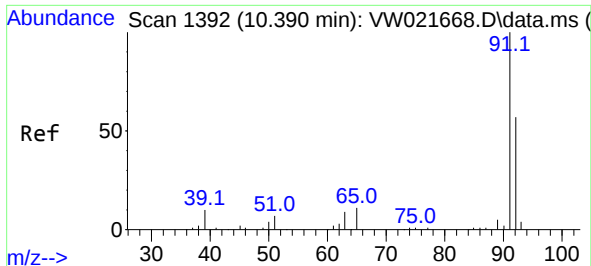
Ion Ratio Lower Upper

43 100

58 38.5 28.8 43.2

100 18.9 10.0 15.0#





#42

Toluene

Concen: 2.685 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

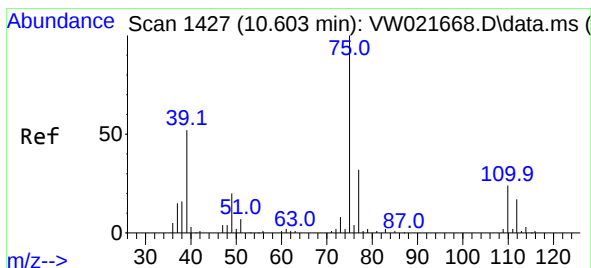
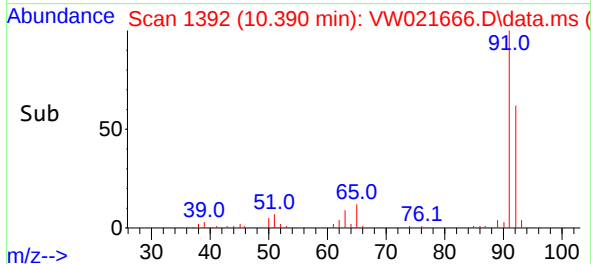
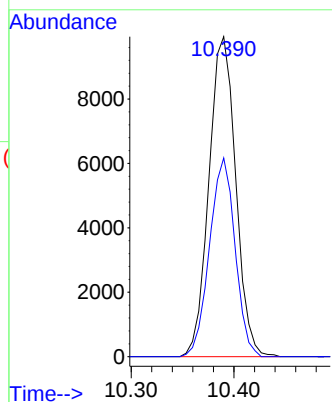
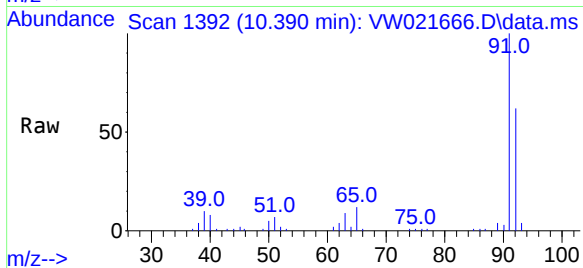
ClientSampleId :

Tgt Ion: 91 Resp: 17993

Ion Ratio Lower Upper

91 100

92 62.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 2.477 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021666.D

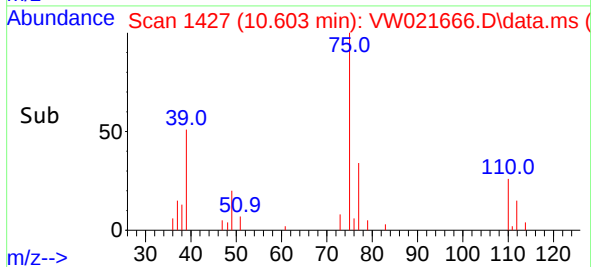
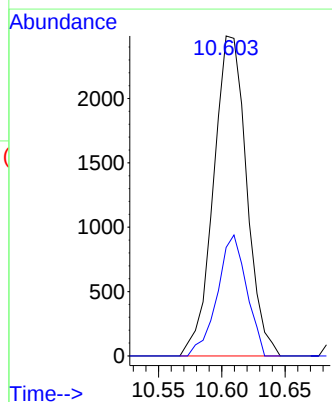
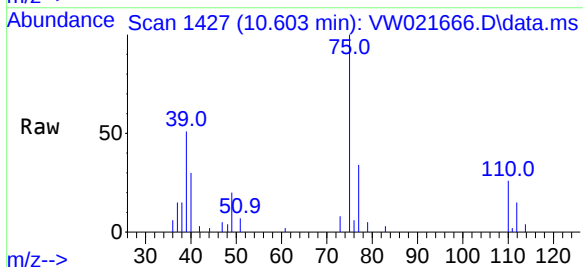
Acq: 28 Dec 2021 10:14

Tgt Ion: 75 Resp: 4525

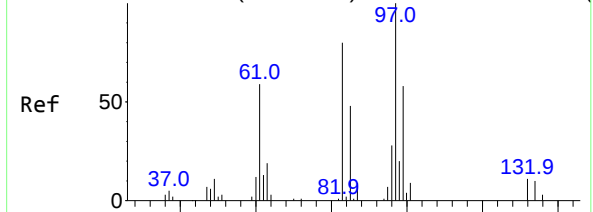
Ion Ratio Lower Upper

75 100

77 33.9 22.2 41.2

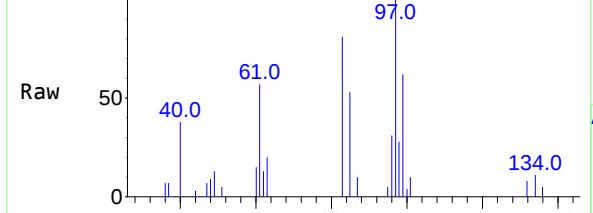


Abundance Scan 1457 (10.786 min): VW021668.D\data.ms (



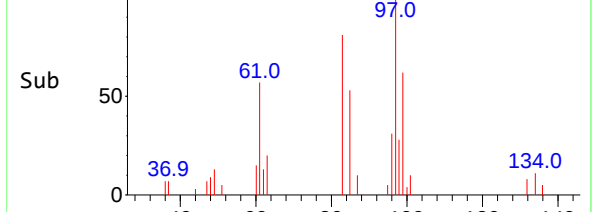
m/z-->

Abundance Scan 1457 (10.786 min): VW021666.D\data.ms



m/z-->

Abundance Scan 1457 (10.786 min): VW021666.D\data.ms (



m/z-->

#45

1,1,2-Trichloroethane

Concen: 2.819 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 3020

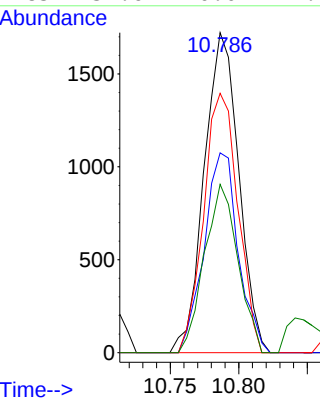
Ion Ratio Lower Upper

97 100

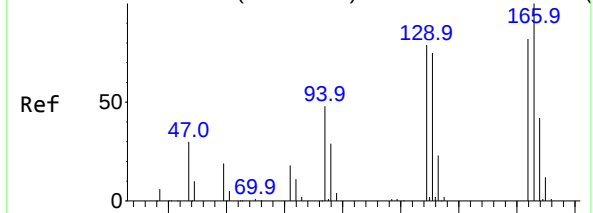
99 62.4 43.0 79.8

83 81.1 62.6 116.3

85 52.6 40.0 74.2

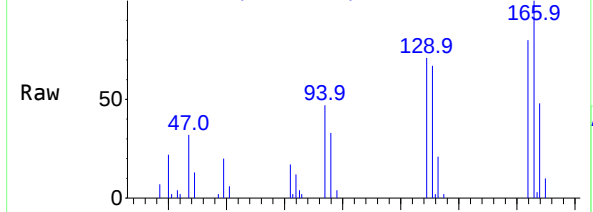


Abundance Scan 1469 (10.859 min): VW021668.D\data.ms (



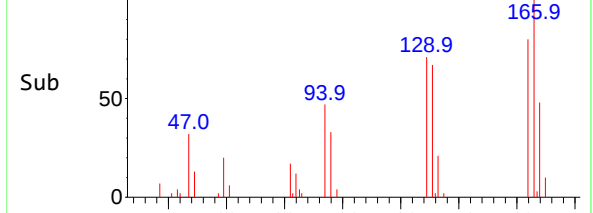
m/z-->

Abundance Scan 1469 (10.859 min): VW021666.D\data.ms



m/z-->

Abundance Scan 1469 (10.859 min): VW021666.D\data.ms (



m/z-->

#46

Tetrachloroethene

Concen: 2.879 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Tgt Ion:164 Resp: 4426

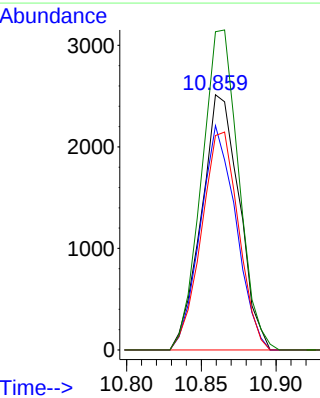
Ion Ratio Lower Upper

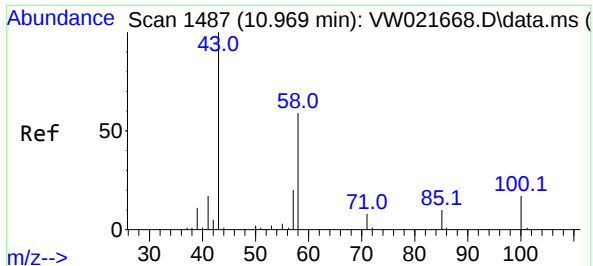
164 100

129 87.9 65.5 121.7

131 84.0 59.7 110.9

166 124.7 88.7 164.7





#48

2-Hexanone

Concen: 4.936 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

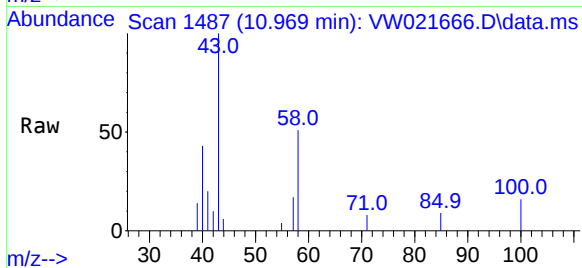
Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 2552

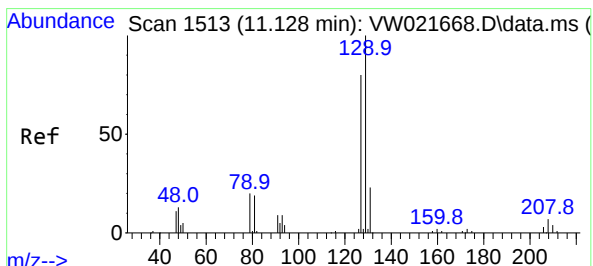
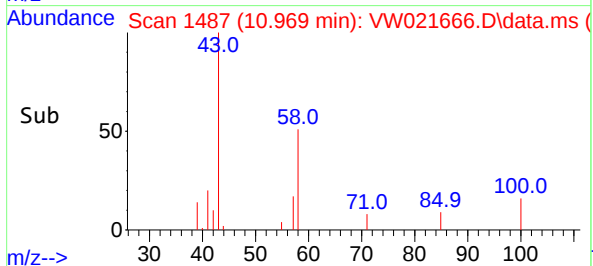
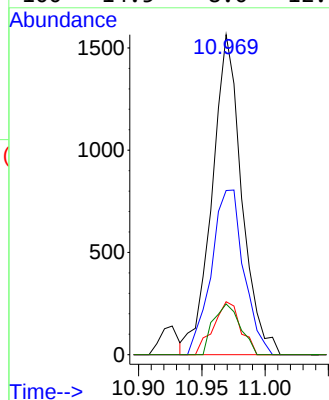
Ion Ratio Lower Upper

43 100

58 56.3 40.2 60.2

57 15.1 14.3 21.5

100 14.5 8.0 12.0#



#49

Dibromochloromethane

Concen: 2.834 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW021666.D

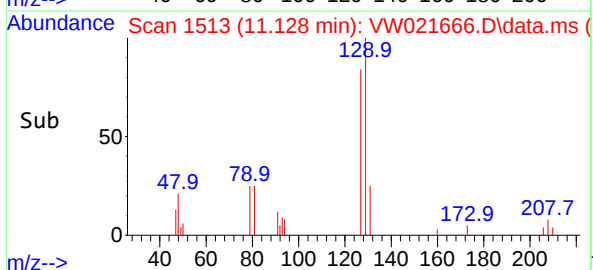
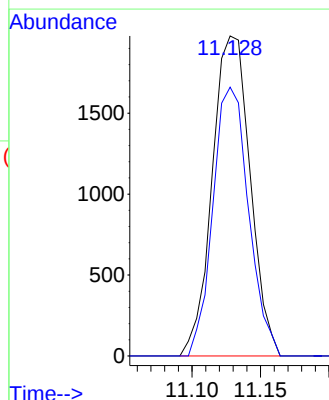
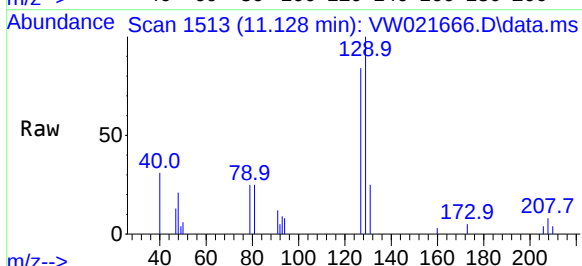
Acq: 28 Dec 2021 10:14

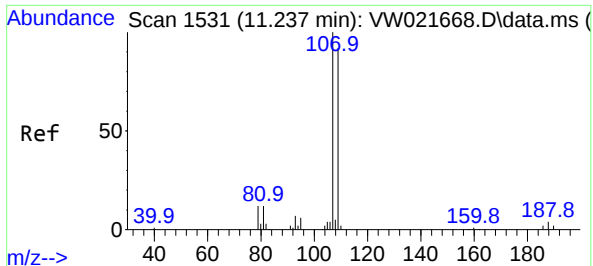
Tgt Ion:129 Resp: 3813

Ion Ratio Lower Upper

129 100

127 84.0 55.7 103.5





#50

1,2-Dibromoethane

Concen: 2.642 ug/L

RT: 11.237 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021666.D

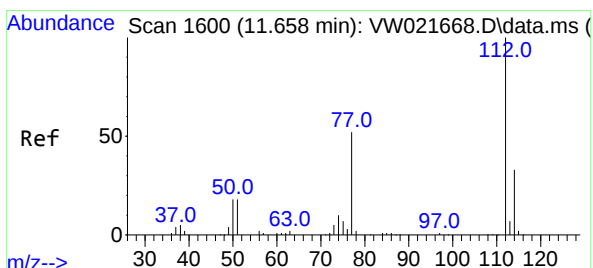
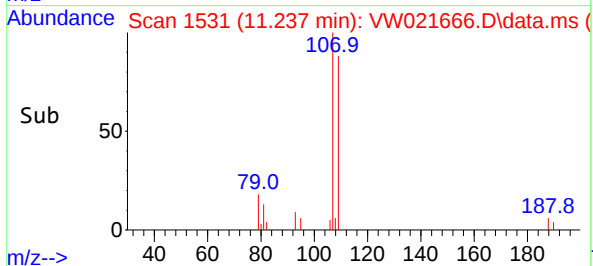
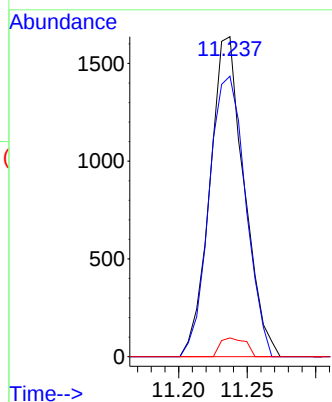
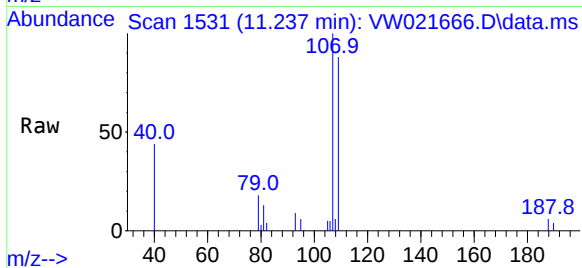
Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	2851
Ion	Ratio	Lower	Upper
107	100		
109	87.7	64.1	119.1
188	5.9	2.6	3.8#



#51

Chlorobenzene

Concen: 2.688 ug/L

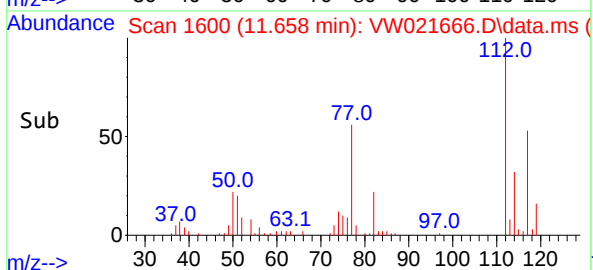
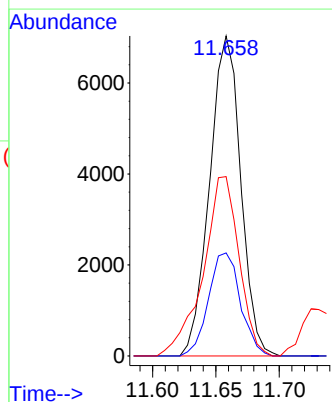
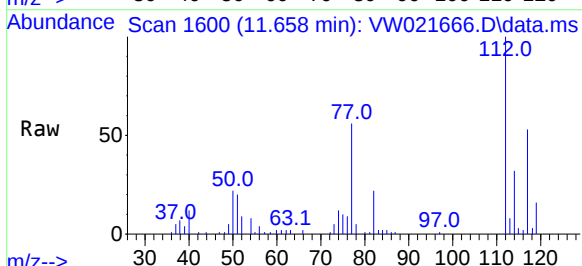
RT: 11.658 min Scan# 1600

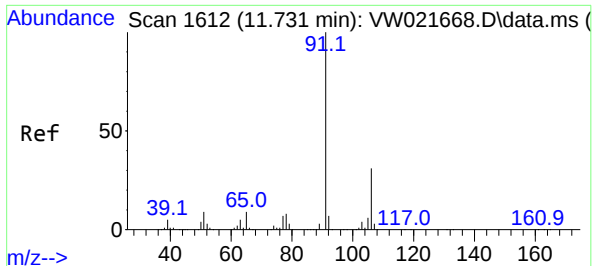
Delta R.T. 0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Tgt Ion:	112	Resp:	12038
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	56.1	50.2	75.4

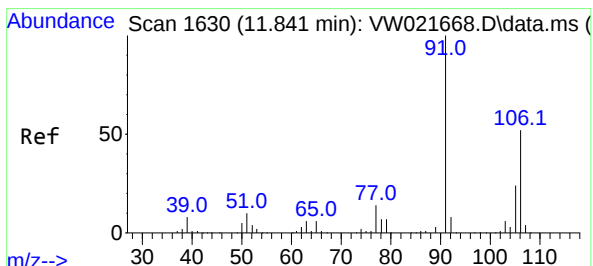
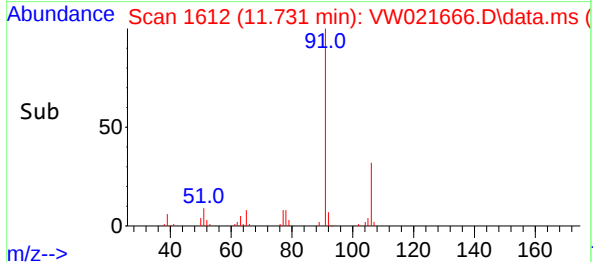
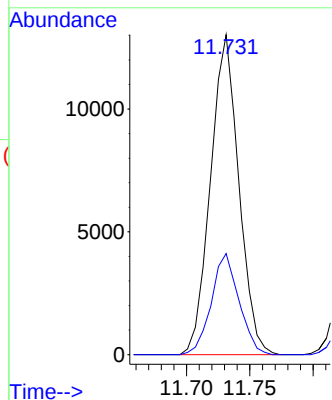
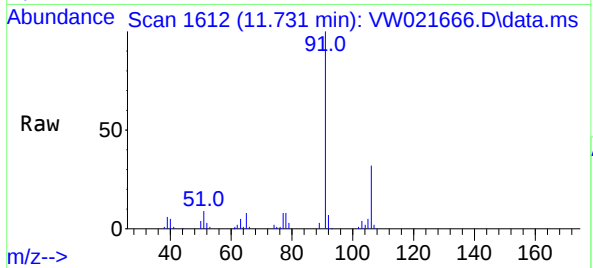




#52
Ethylbenzene
Concen: 2.666 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

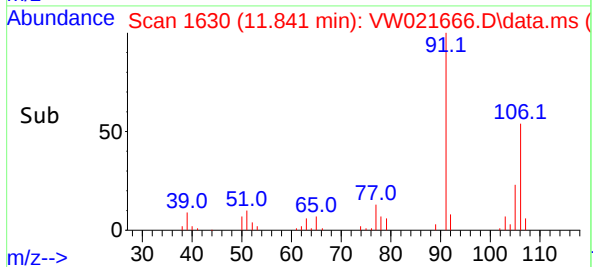
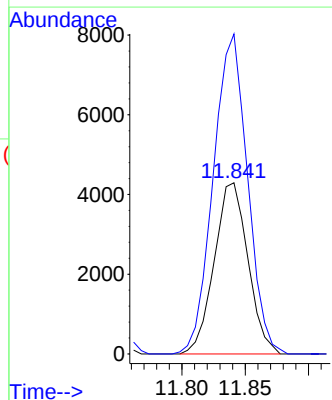
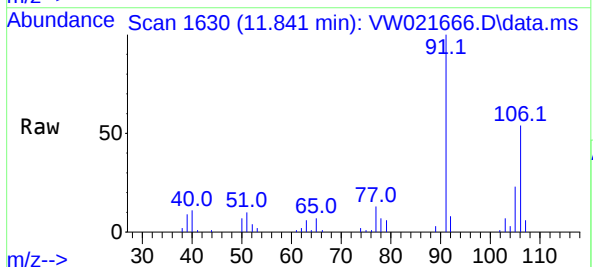
Instrument :
MSVOA_W
ClientSampleId :

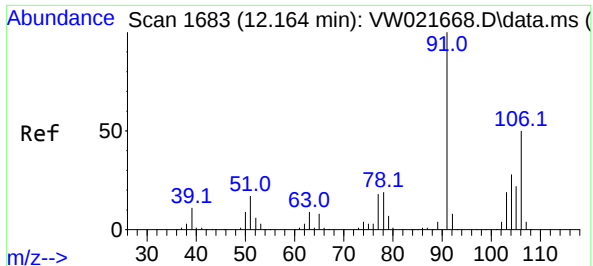
Tgt Ion: 91 Resp: 20283
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 2.599 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion:106 Resp: 7953
Ion Ratio Lower Upper
106 100
91 186.8 149.9 278.3

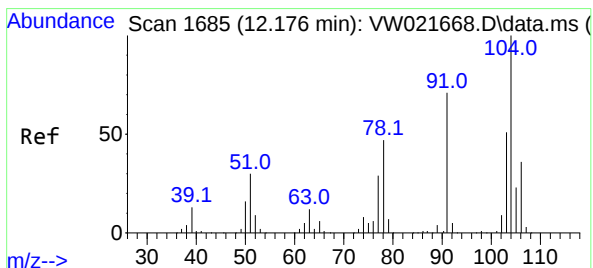
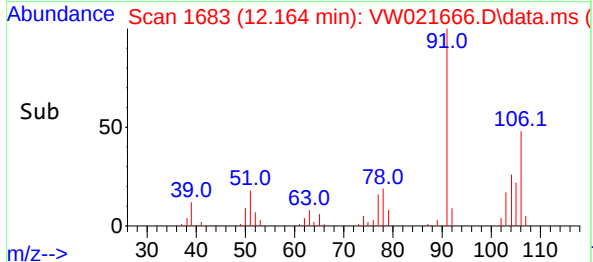
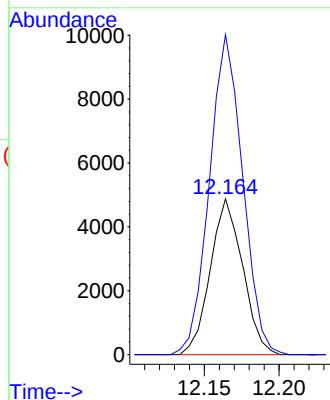
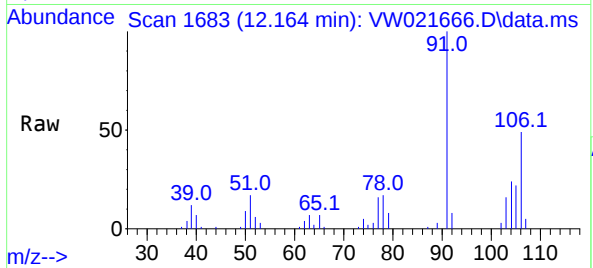




#54
o-Xylene
Concen: 2.537 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

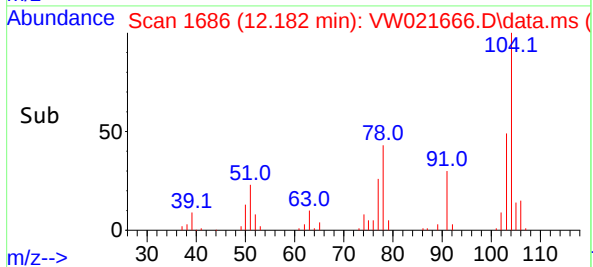
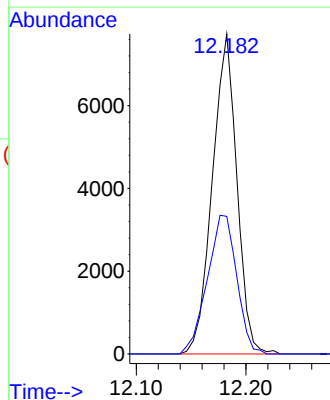
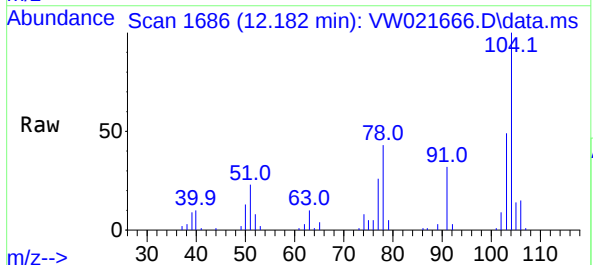
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 7342
Ion Ratio Lower Upper
106 100
91 205.4 153.6 285.3

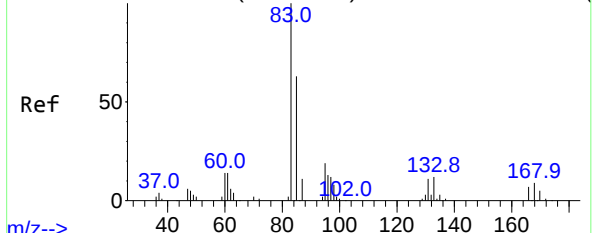


#55
Styrene
Concen: 2.417 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

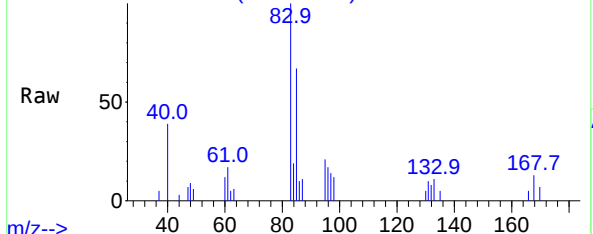
Tgt Ion:104 Resp: 12011
Ion Ratio Lower Upper
104 100
78 43.0 34.4 64.0



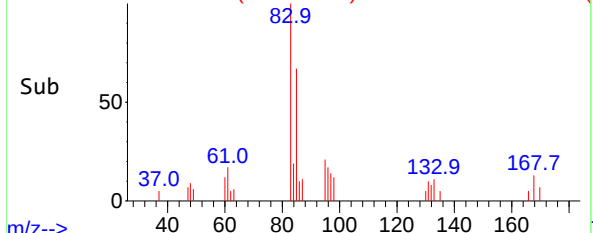
Abundance Scan 1773 (12.713 min): VW021668.D\data.ms (



m/z--> Abundance Scan 1773 (12.713 min): VW021666.D\data.ms



m/z--> Abundance Scan 1773 (12.713 min): VW021666.D\data.ms (



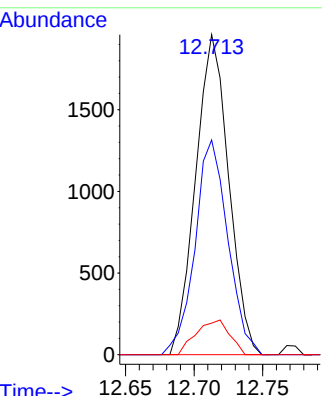
m/z-->

#57

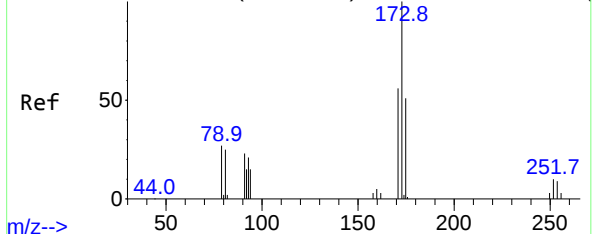
1,1,2,2-Tetrachloroethane
Concen: 2.696 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Instrument :
MSVOA_W
ClientSampleId :

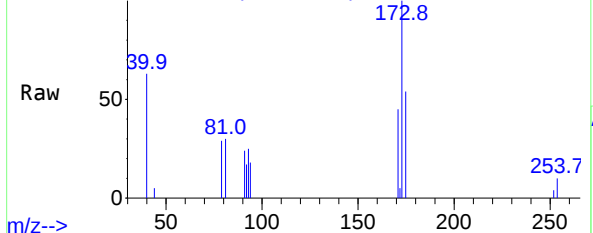
Tgt Ion:	83	Resp:	3283
Ion	Ratio	Lower	Upper
83	100		
85	67.1	44.0	81.6
131	9.8	6.9	10.3



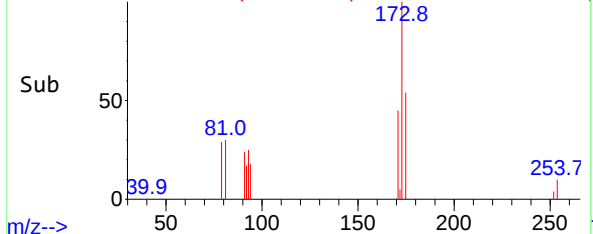
Abundance Scan 1713 (12.347 min): VW021668.D\data.ms (



m/z--> Abundance Scan 1713 (12.347 min): VW021666.D\data.ms



m/z--> Abundance Scan 1713 (12.347 min): VW021666.D\data.ms (

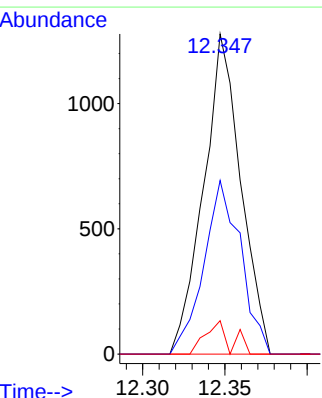


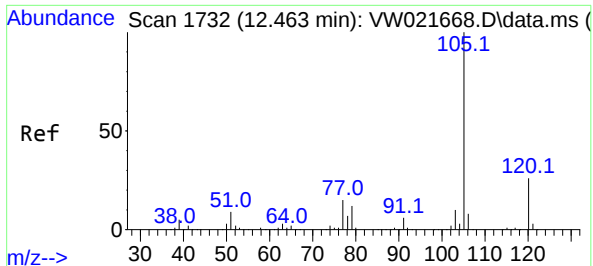
m/z-->

#59

Bromoform
Concen: 2.690 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion:	173	Resp:	2010
Ion	Ratio	Lower	Upper
173	100		
175	53.7	39.6	59.4
254	5.2	7.4	11.0

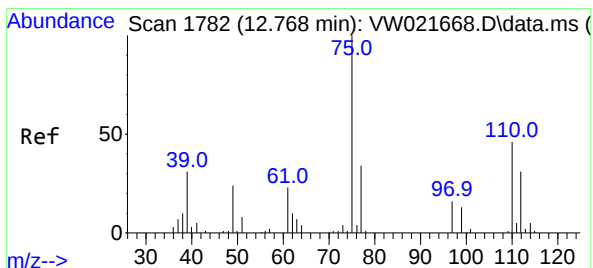
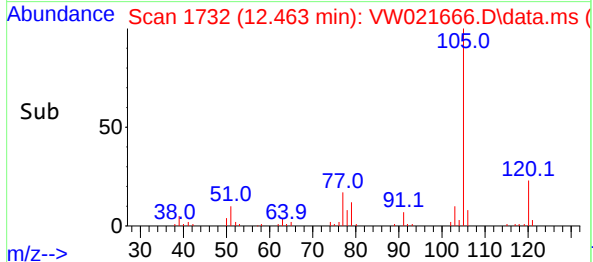
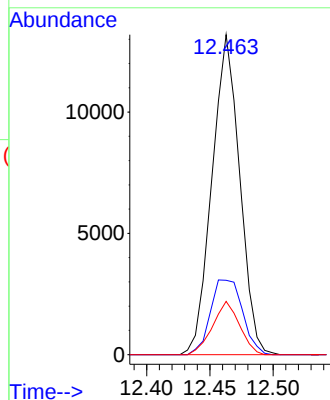
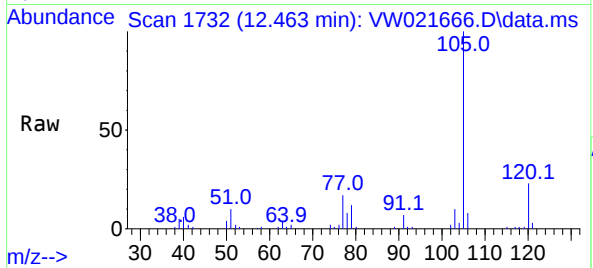




#60
Isopropylbenzene
Concen: 2.547 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

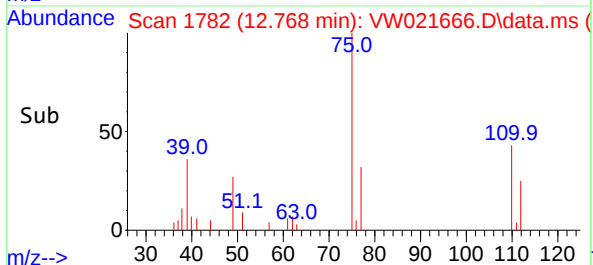
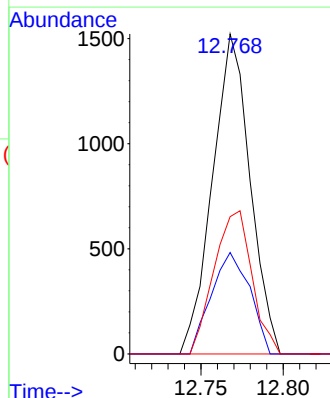
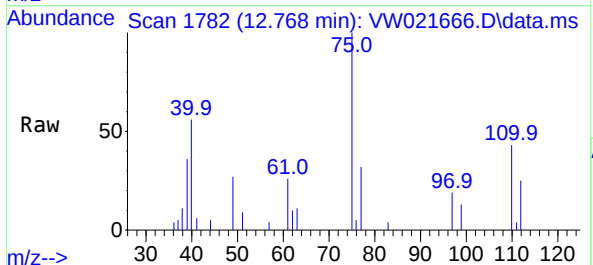
Instrument :
MSVOA_W
ClientSampleId :

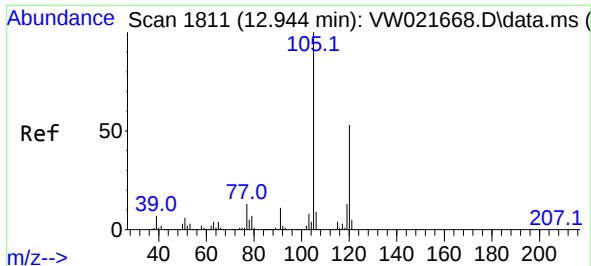
Tgt Ion:105 Resp: 20110
Ion Ratio Lower Upper
105 100
120 27.1 20.1 30.1
77 16.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 2.796 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

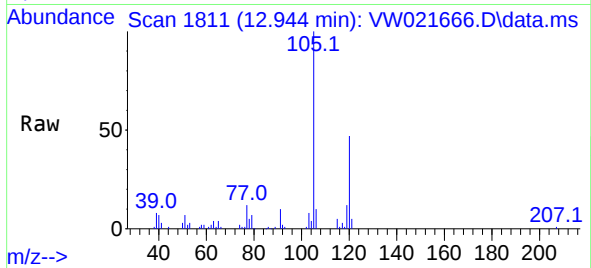
Tgt Ion: 75 Resp: 2421
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 45.1 29.0 43.4#



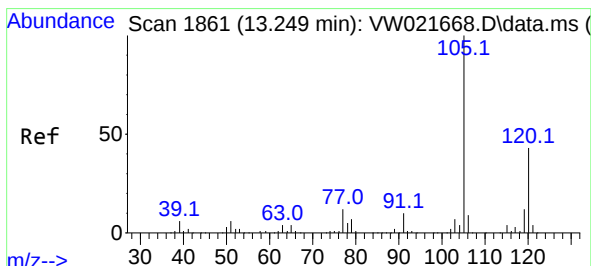
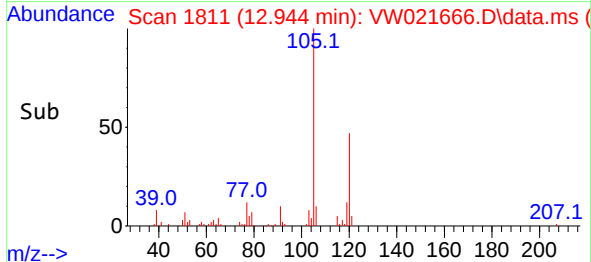
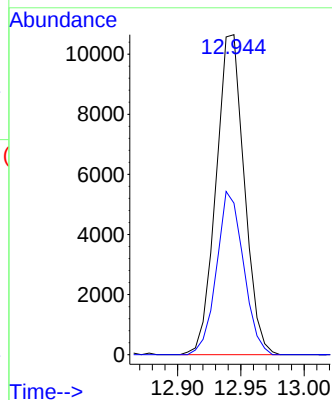


#62
1,3,5-Trimethylbenzene
Concen: 2.451 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Instrument :
MSVOA_W
ClientSampleId :

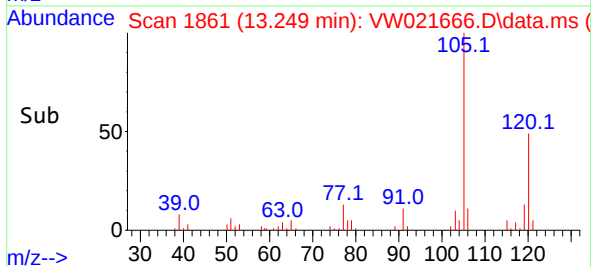
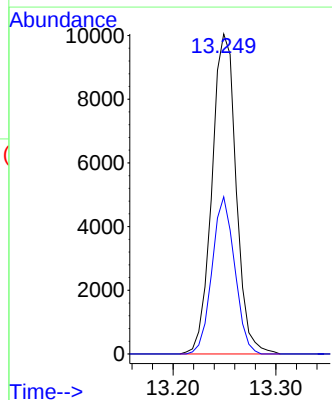
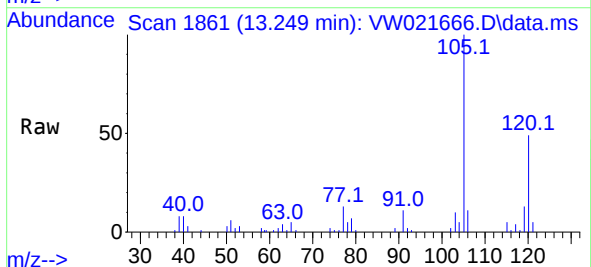


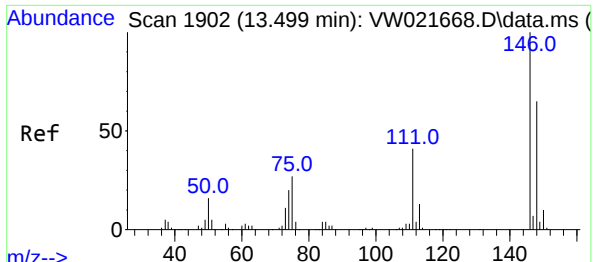
Tgt Ion:105 Resp: 16521
Ion Ratio Lower Upper
105 100
120 48.7 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 2.454 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion:105 Resp: 16410
Ion Ratio Lower Upper
105 100
120 45.9 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 2.623 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

ClientSampleId :

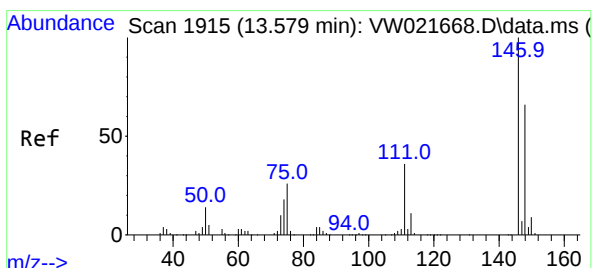
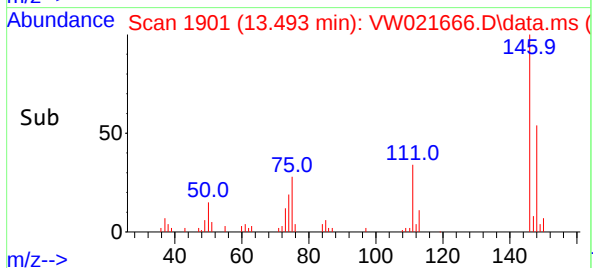
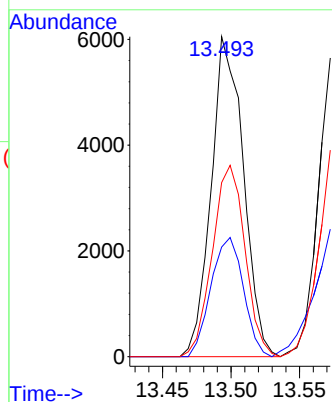
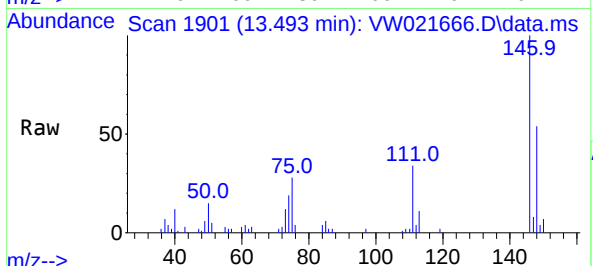
Tgt Ion:146 Resp: 9885

Ion Ratio Lower Upper

146 100

111 34.2 29.8 55.3

148 54.4 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 2.630 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

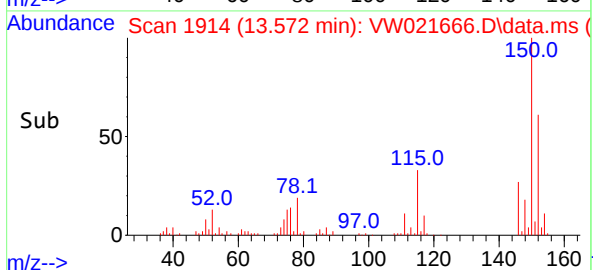
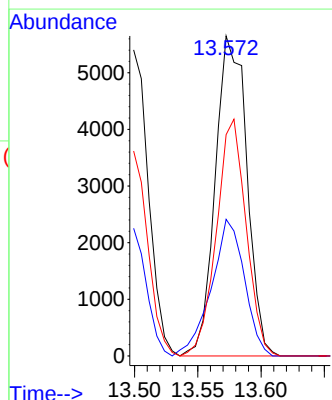
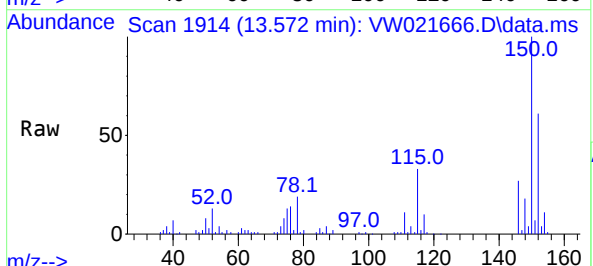
Tgt Ion:146 Resp: 9787

Ion Ratio Lower Upper

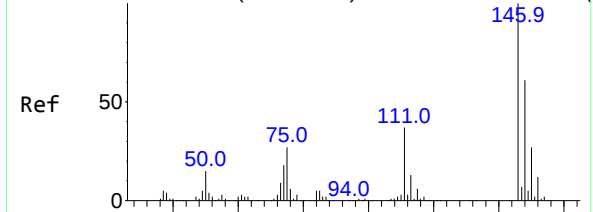
146 100

111 42.7 29.0 53.9

148 69.1 46.9 87.1



Abundance Scan 1963 (13.871 min): VW021668.D\data.ms (



#67
1,2-Dichlorobenzene
Concen: 2.614 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Instrument :
MSVOA_W
ClientSampleId :

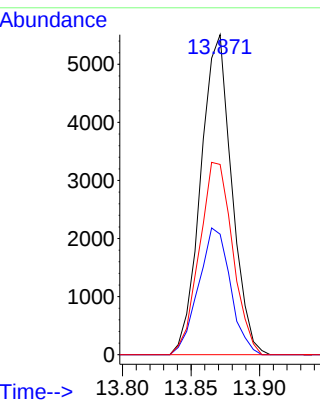
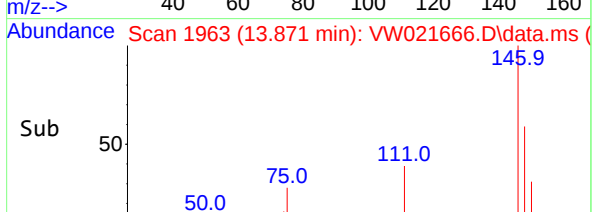
Abundance Scan 1963 (13.871 min): VW021666.D\data.ms



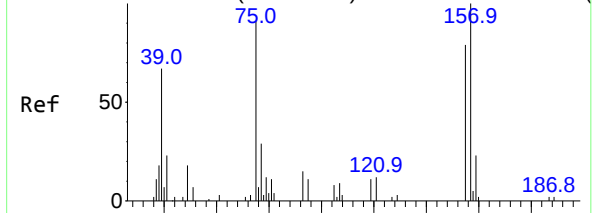
Tgt Ion:146 Resp: 8657

Ion	Ratio	Lower	Upper
146	100		
111	37.6	33.1	49.7
148	59.5	47.4	71.2

Abundance Scan 1963 (13.871 min): VW021666.D\data.ms (

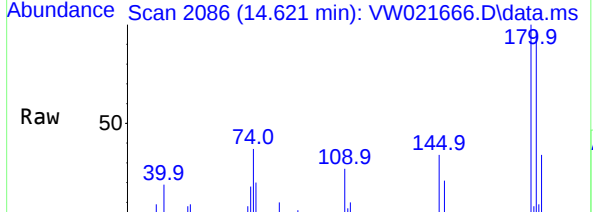


Abundance Scan 2063 (14.481 min): VW021668.D\data.ms (



#68
1,2-Dibromo-3-chloropropane
Concen: 6.102 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.140 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

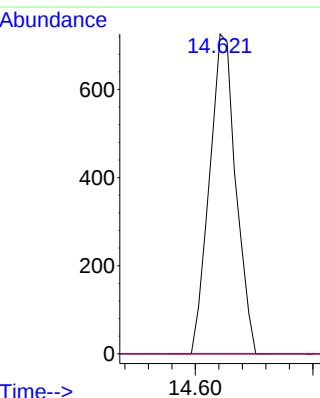
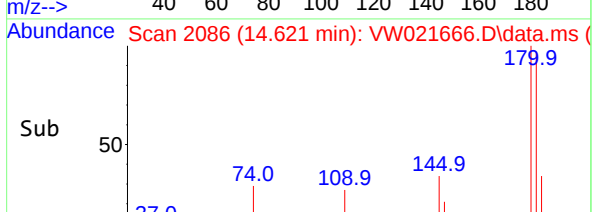
Abundance Scan 2086 (14.621 min): VW021666.D\data.ms

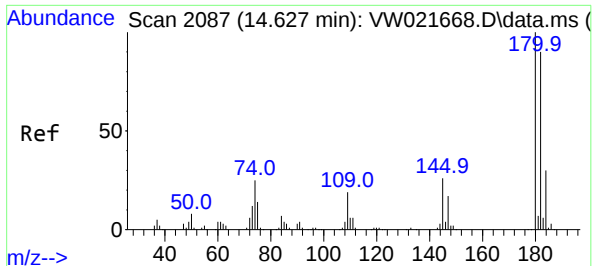


Tgt Ion: 75 Resp: 1130

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.2	81.2#
157	0.0	69.4	104.2#

Abundance Scan 2086 (14.621 min): VW021666.D\data.ms (





#69

1,3,5-Trichlorobenzene

Concen: 2.485 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 6951

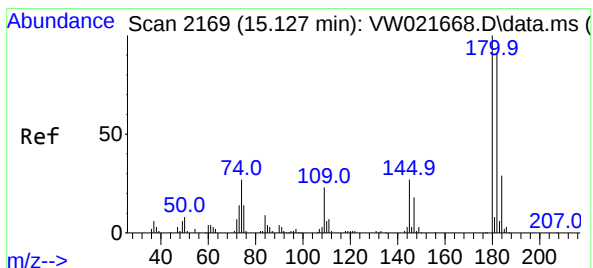
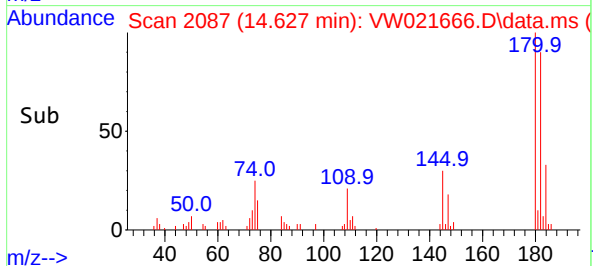
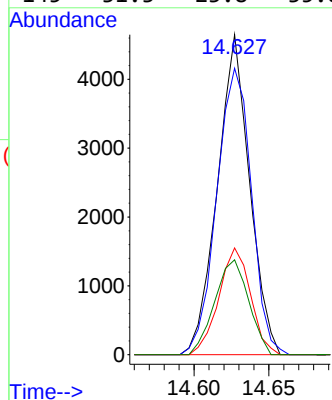
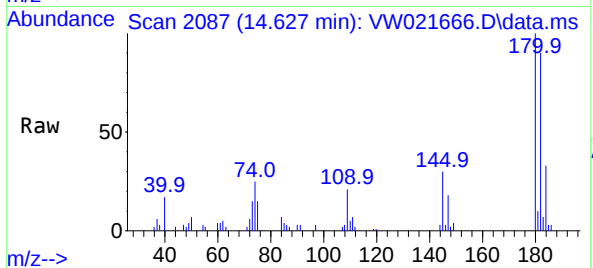
Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

184 32.9 23.8 35.8

145 31.3 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 2.362 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021666.D

Acq: 28 Dec 2021 10:14

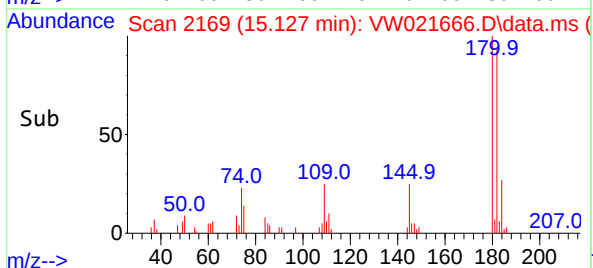
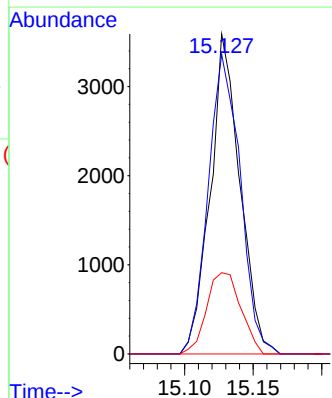
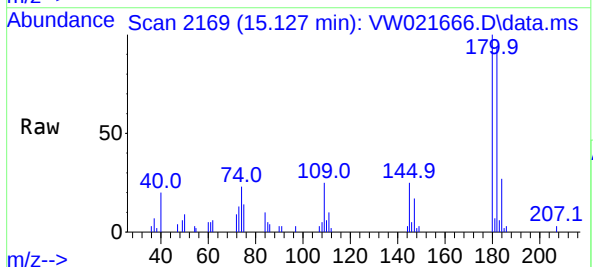
Tgt Ion:180 Resp: 5398

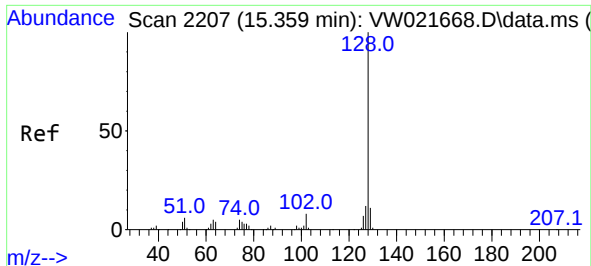
Ion Ratio Lower Upper

180 100

182 101.4 79.0 118.6

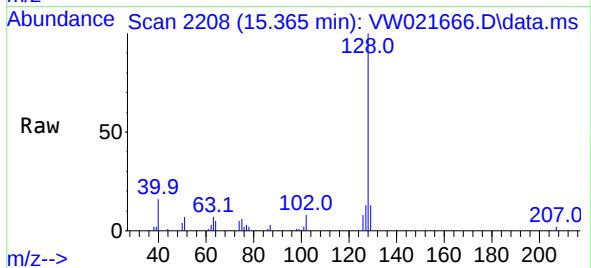
145 29.3 26.0 39.0



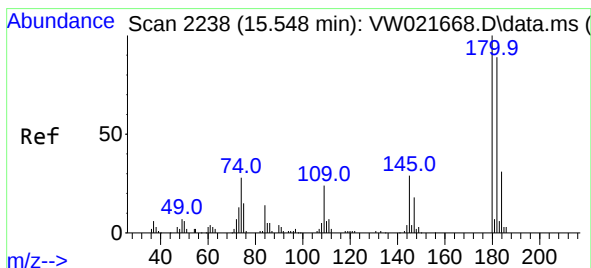
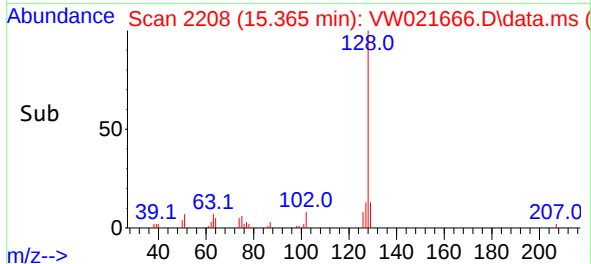
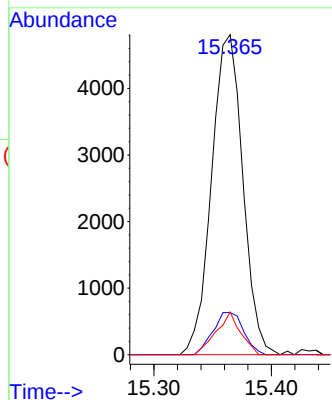


#71
Naphthalene
Concen: 2.385 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 8875
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.656 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW021666.D
Acq: 28 Dec 2021 10:14

Tgt Ion:180 Resp: 4961
Ion Ratio Lower Upper
180 100
182 93.0 76.6 114.8
145 30.6 27.4 41.0

