

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021669.D
 Acq On : 28 Dec 2021 11:27
 Operator : SY/VA
 Sample : VSTD05041
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 28 12:03:04 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	104670	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	103452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63408	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	114611	59.598	ug/L	0.00
7) Chloroethane-d5	2.879	69	76572	59.751	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	158479	60.294	ug/L	0.00
21) 2-Butanone-d5	7.098	46	25713	90.081	ug/L	0.01
24) Chloroform-d	7.653	84	168567	55.871	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	85177	52.975	ug/L	0.00
32) Benzene-d6	8.275	84	319645	55.544	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	85836	55.210	ug/L	0.00
41) Toluene-d8	10.323	98	322943	55.408	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	41729	57.047	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	23173	97.822	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	67724	50.891	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	123882	50.202	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	34741	75.724	ug/L	100
3) Chloromethane	2.203	50	79154	55.736	ug/L	98
5) Vinyl chloride	2.349	62	113936	52.422	ug/L	95
6) Bromomethane	2.776	94	71047	50.341	ug/L	99
8) Chloroethane	2.916	64	56508	55.886	ug/L	98
9) Trichlorofluoromethane	3.251	101	72570	61.681	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	84319	56.285	ug/L	90
12) 1,1-Dichloroethene	4.032	96	75596	56.128	ug/L	83
13) Acetone	4.172	43	16855	66.588	ug/L	69
14) Carbon disulfide	4.373	76	222710	61.940	ug/L	100
15) Methyl Acetate	4.690	43	20300	46.013	ug/L	# 83
16) Methylene chloride	4.916	84	71416	40.249	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	78986	54.266	ug/L	85
18) Methyl tert-butyl Ether	5.434	73	104725	50.825	ug/L	94
19) 1,1-Dichloroethane	6.214	63	121980	53.184	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	81255	52.932	ug/L	76
22) 2-Butanone	7.196	43	25796	77.179	ug/L	84
23) Bromochloromethane	7.513	128	37585	51.762	ug/L	# 63
25) Chloroform	7.677	83	141252	53.002	ug/L	98
27) 1,2-Dichloroethane	8.403	62	89124	52.092	ug/L	98
29) Cyclohexane	7.958	56	117461	55.235	ug/L	# 82
30) 1,1,1-Trichloroethane	7.878	97	131386	54.596	ug/L	94
31) Carbon tetrachloride	8.067	117	127648	56.907	ug/L	98
33) Benzene	8.323	78	301631	51.876	ug/L	100
34) Trichloroethene	9.092	95	84883	51.865	ug/L	91
35) Methylcyclohexane	9.335	83	143478	53.180	ug/L	# 84
37) 1,2-Dichloropropane	9.372	63	65941	50.843	ug/L	# 96
38) Bromodichloromethane	9.646	83	102111	56.098	ug/L	# 99
39) cis-1,3-Dichloropropene	10.073	75	113085	54.618	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	63276	87.433	ug/L	# 91
42) Toluene	10.390	91	355807	52.829	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	101316	55.186	ug/L	100

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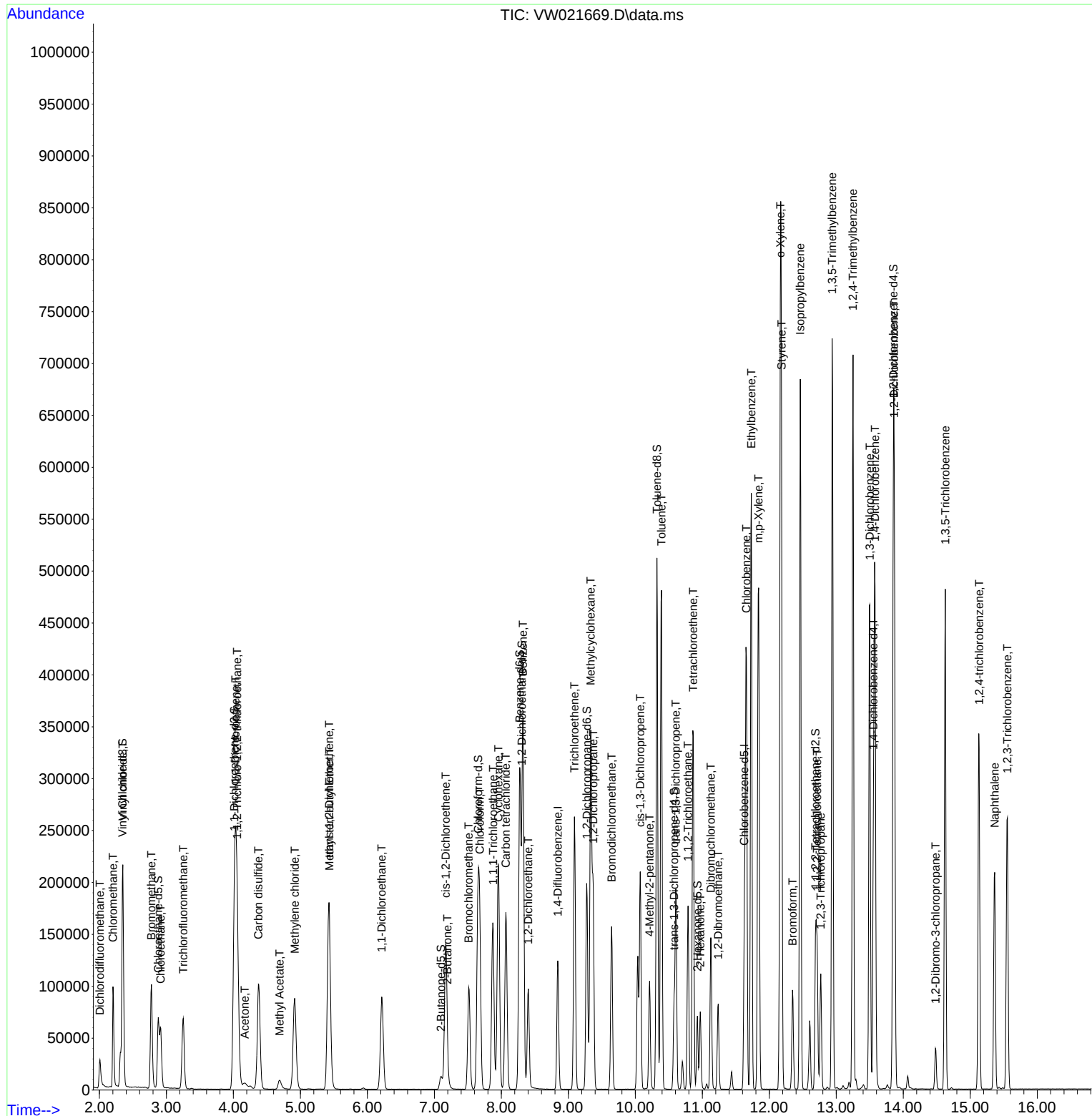
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	53115	49.323	ug/L	93
46) Tetrachloroethene	10.866	164	80562	52.130	ug/L	94
48) 2-Hexanone	10.969	43	44813	86.237	ug/L #	94
49) Dibromochloromethane	11.128	129	73251	54.167	ug/L	97
50) 1,2-Dibromoethane	11.238	107	52346	48.255	ug/L #	96
51) Chlorobenzene	11.658	112	224297	49.834	ug/L	95
52) Ethylbenzene	11.731	91	401401	52.483	ug/L	94
53) m,p-Xylene	11.841	106	161451	52.491	ug/L	97
54) o-Xylene	12.164	106	155734	53.537	ug/L	94
55) Styrene	12.183	104	269147	53.889	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	57529	46.994	ug/L #	96
59) Bromoform	12.347	173	42883	52.212	ug/L	98
60) Isopropylbenzene	12.463	105	433831	49.987	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	41764	43.880	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	380118	51.306	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	372853	50.719	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	200376	48.378	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	197989	48.407	ug/L	87
67) 1,2-Dichlorobenzene	13.865	146	163809	45.004	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	8983	44.134	ug/L #	66
69) 1,3,5-Trichlorobenzene	14.627	180	143510	46.681	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	116918	46.550	ug/L	95
71) Naphthalene	15.365	128	184575	45.124	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	94105	45.828	ug/L	99

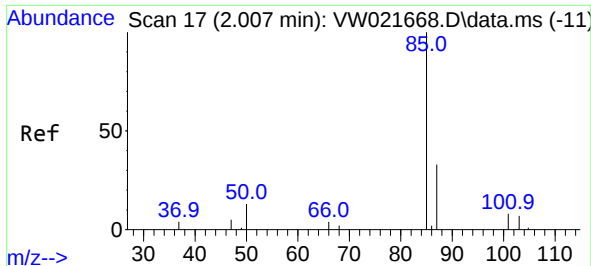
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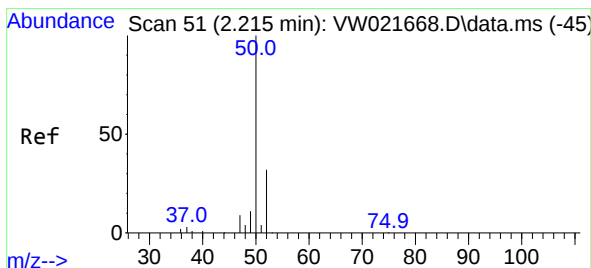
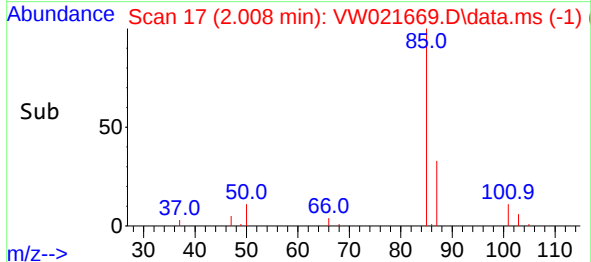
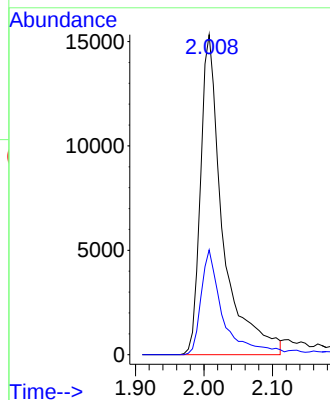
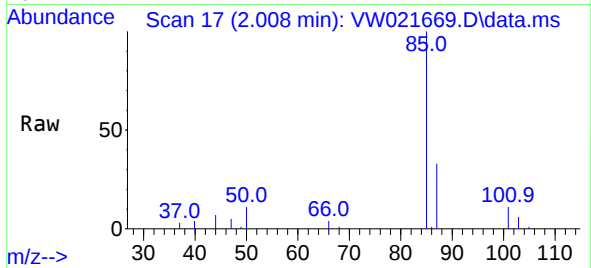




#2
Dichlorodifluoromethane
Concen: 75.724 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

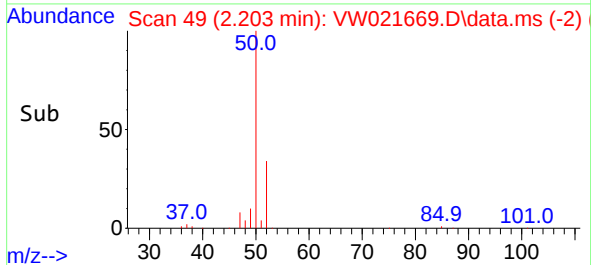
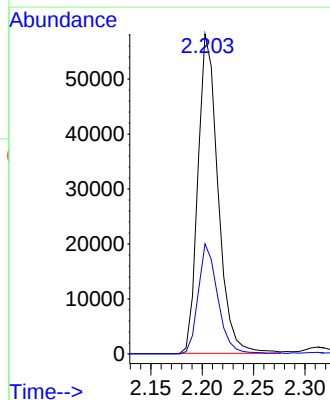
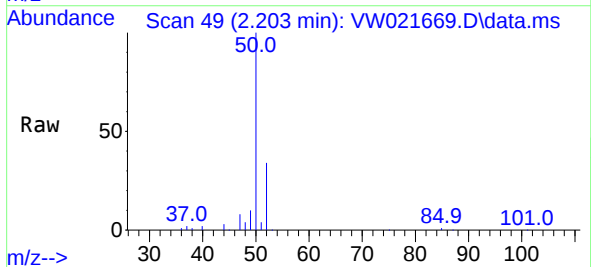
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MSVOA_W
ClientSampleId :

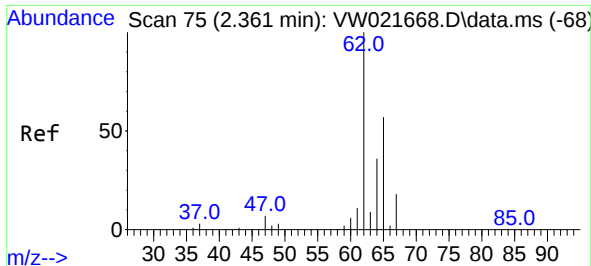
Tgt Ion: 85 Resp: 34741
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.6



#3
Chloromethane
Concen: 55.736 ug/L
RT: 2.203 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 50 Resp: 79154
Ion Ratio Lower Upper
50 100
52 34.4 23.4 43.6

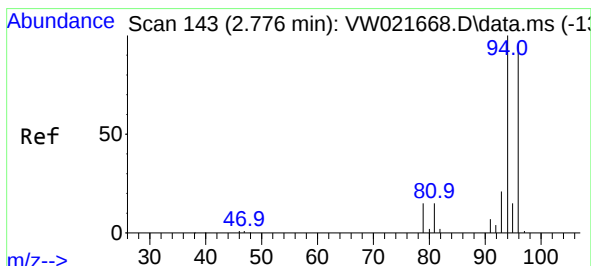
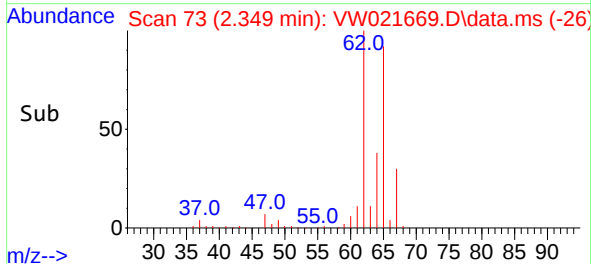
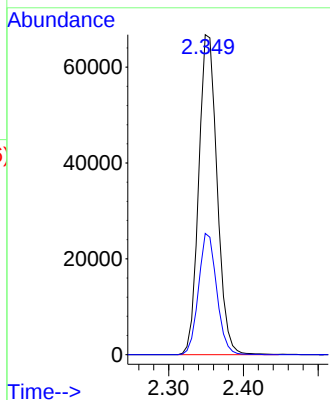
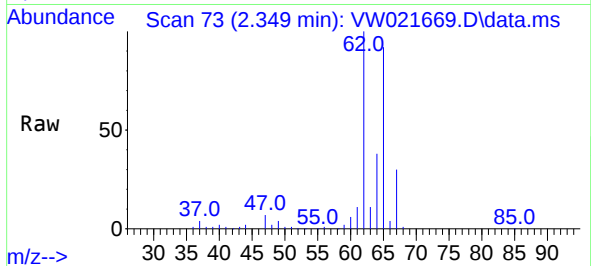




#5
 Vinyl chloride
 Concen: 52.422 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: VW021669.D
 Acq: 28 Dec 2021 11:27

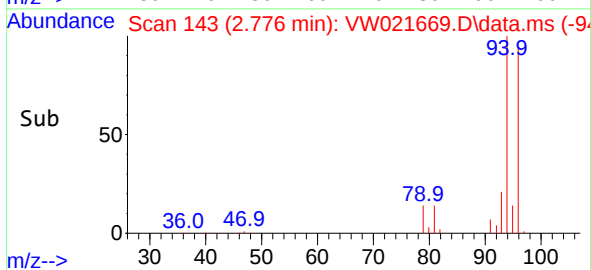
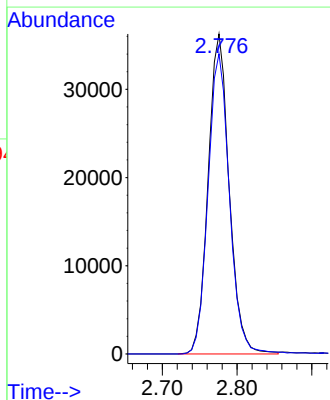
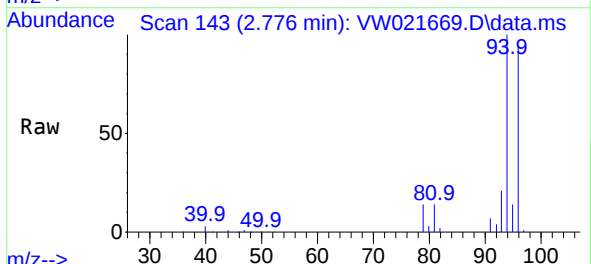
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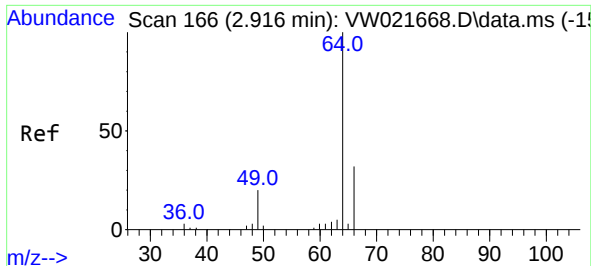
Tgt Ion: 62 Resp: 113936
 Ion Ratio Lower Upper
 62 100
 64 37.9 24.4 45.2



#6
 Bromomethane
 Concen: 50.341 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021669.D
 Acq: 28 Dec 2021 11:27

Tgt Ion: 94 Resp: 71047
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.8 120.4

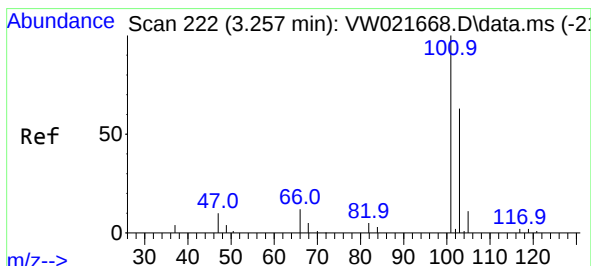
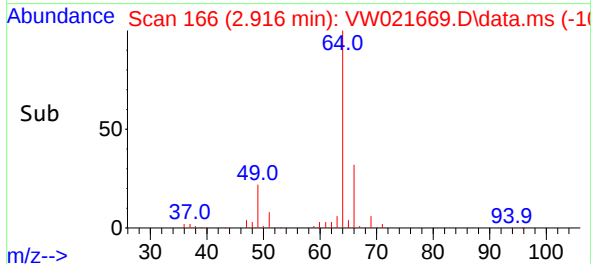
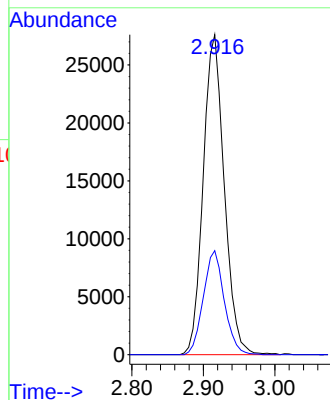
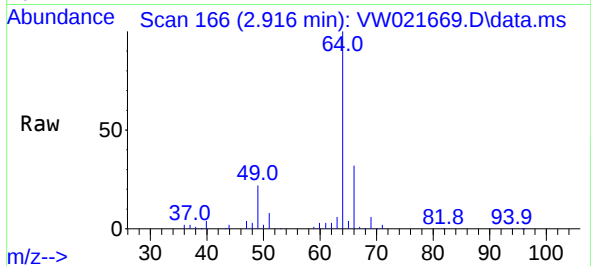




#8
Chloroethane
Concen: 55.886 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

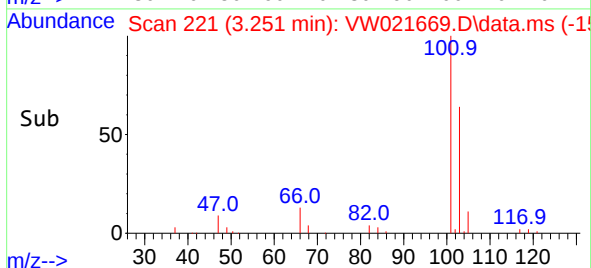
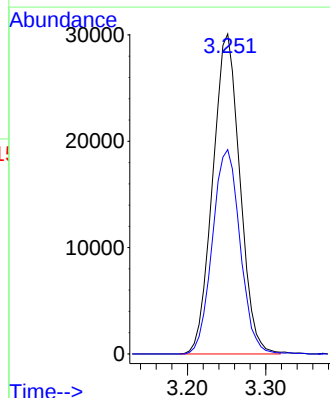
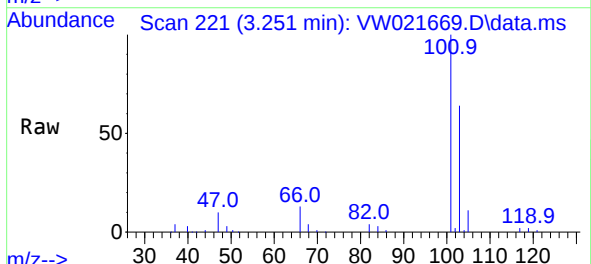
Instrument :
MSVOA_W
ClientSampleId :

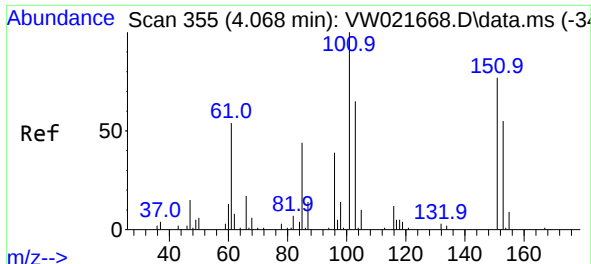
Tgt Ion: 64 Resp: 56508
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 61.681 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion:101 Resp: 72570
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

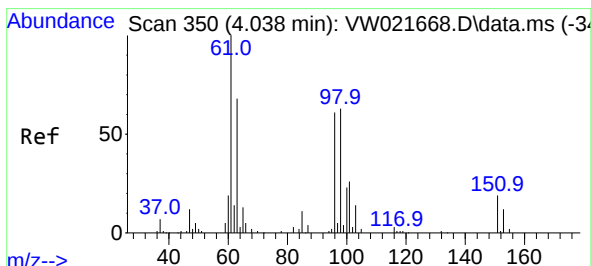
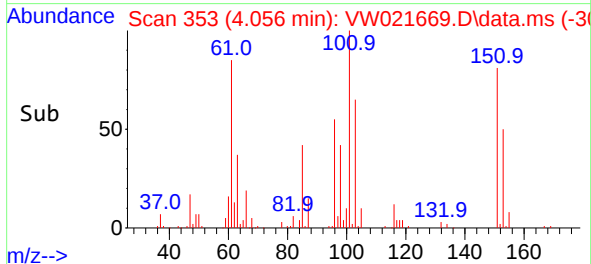
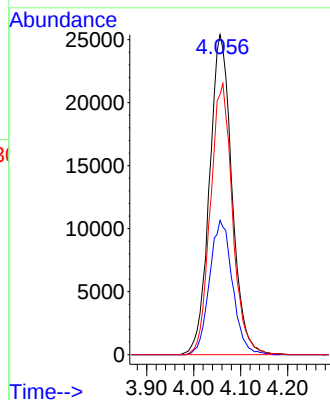
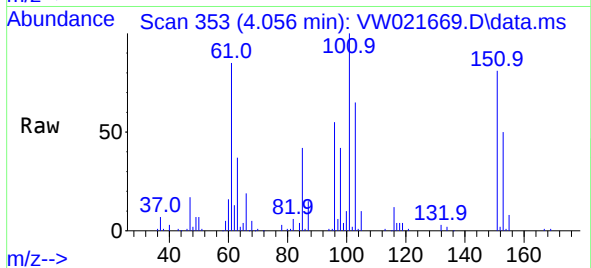




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.285 ug/L
RT: 4.056 min Scan# 310
Delta R.T. -0.012 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

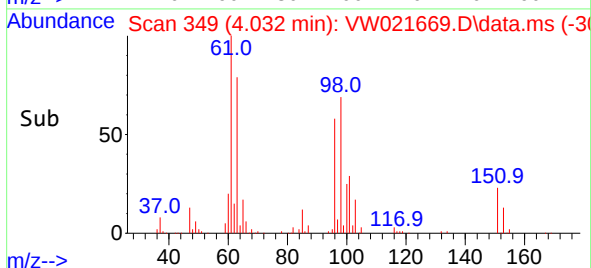
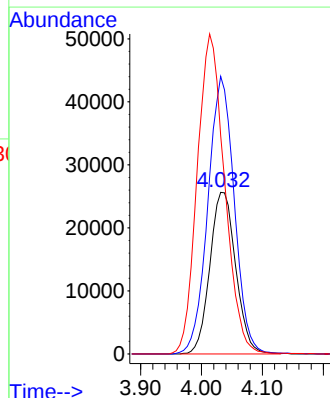
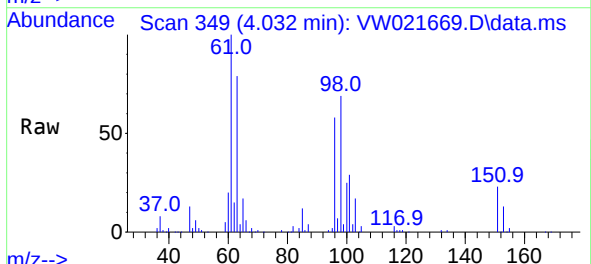
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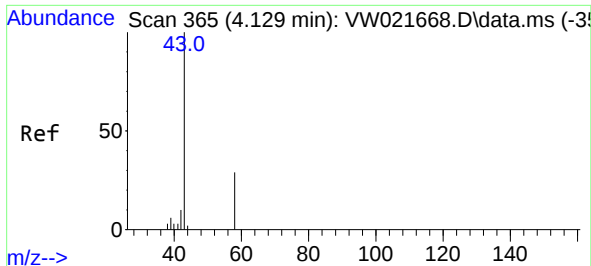
Tgt Ion:101 Resp: 84319
Ion Ratio Lower Upper
101 100
85 42.8 36.6 54.8
151 83.2 57.4 86.0



#12
1,1-Dichloroethene
Concen: 56.128 ug/L
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 96 Resp: 75596
Ion Ratio Lower Upper
96 100
61 171.7 138.3 256.9
63 135.1 82.6 153.4

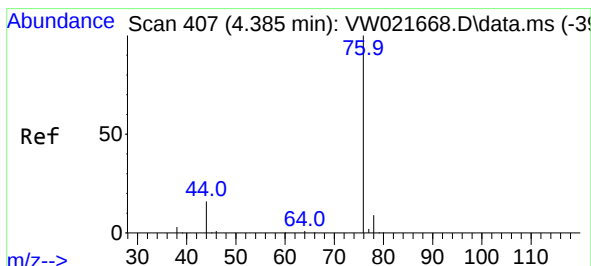
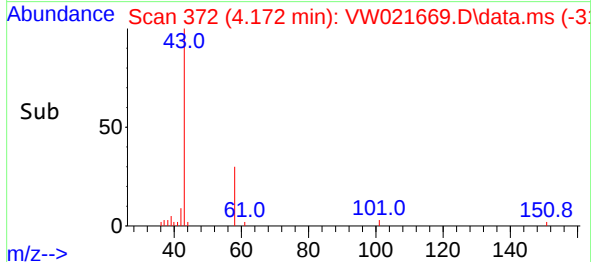
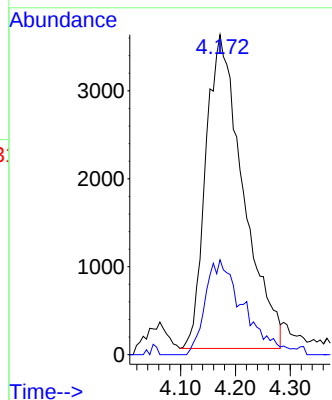
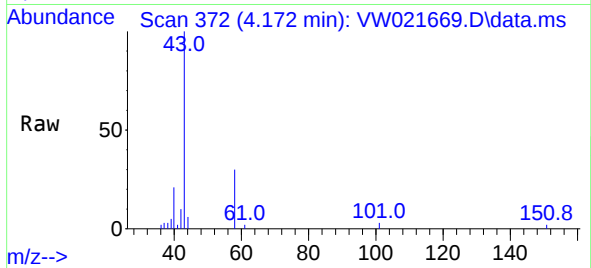




#13
Acetone
Concen: 66.588 ug/L
RT: 4.172 min Scan# 31
Delta R.T. 0.043 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

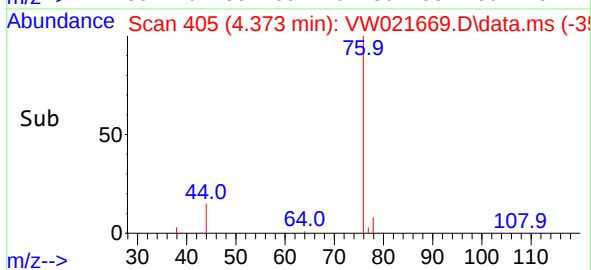
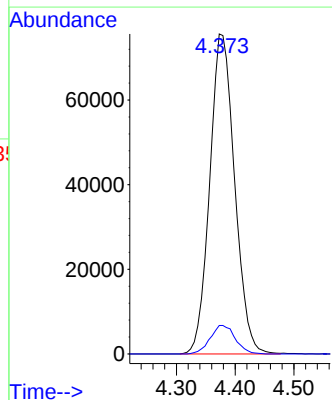
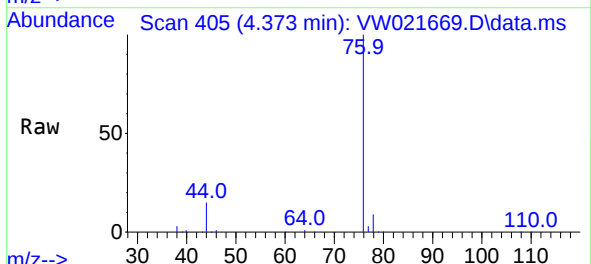
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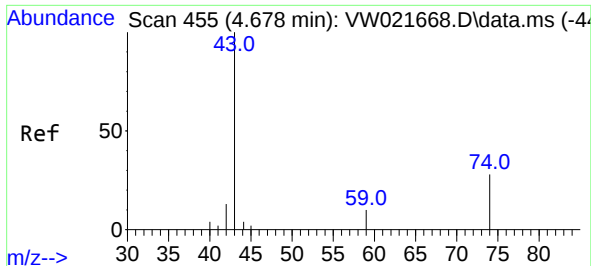
Tgt Ion: 43 Resp: 16855
Ion Ratio Lower Upper
43 100
58 10.4 0.0 52.8



#14
Carbon disulfide
Concen: 61.940 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.012 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 76 Resp: 222710
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

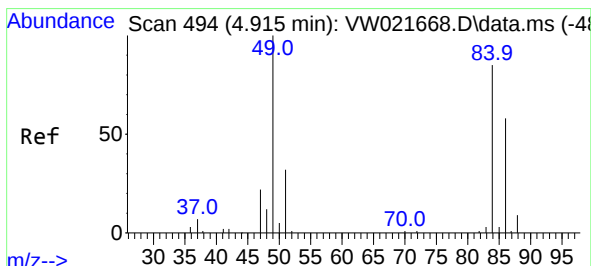
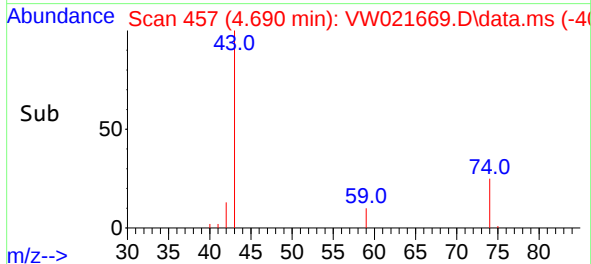
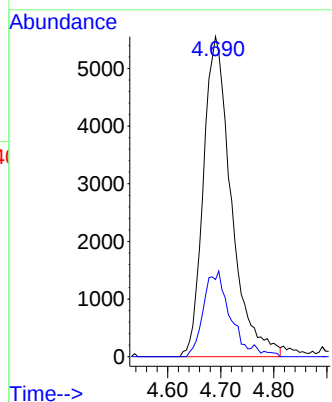
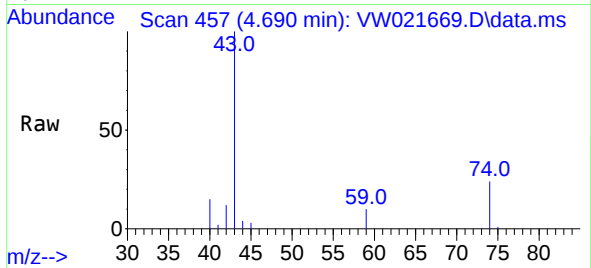




#15
Methyl Acetate
Concen: 46.013 ug/L
RT: 4.690 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

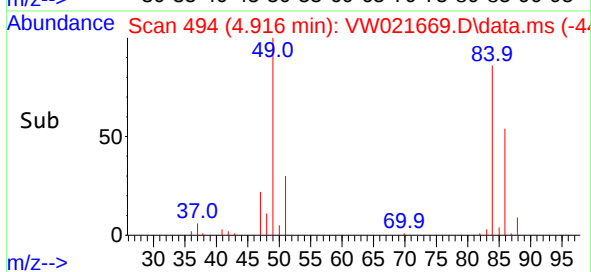
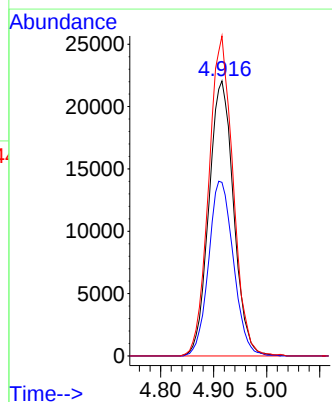
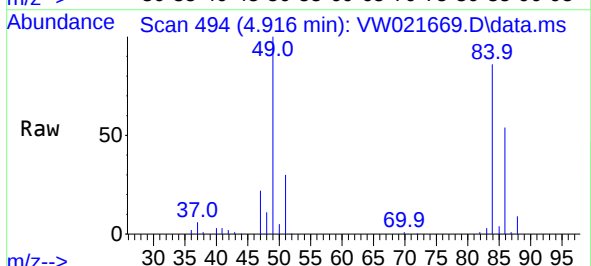
Instrument :
MSVOA_W
ClientSampleId :

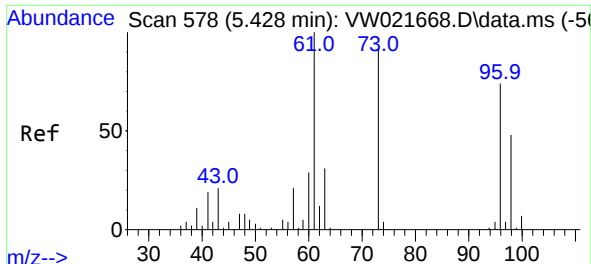
Tgt Ion: 43 Resp: 20300
Ion Ratio Lower Upper
43 100
74 12.5 16.4 24.6#



#16
Methylene chloride
Concen: 40.249 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 84 Resp: 71416
Ion Ratio Lower Upper
84 100
86 63.1 45.5 84.5
49 116.4 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 54.266 ug/L

RT: 5.428 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

Instrument :

MSVOA_W

ClientSampleId :

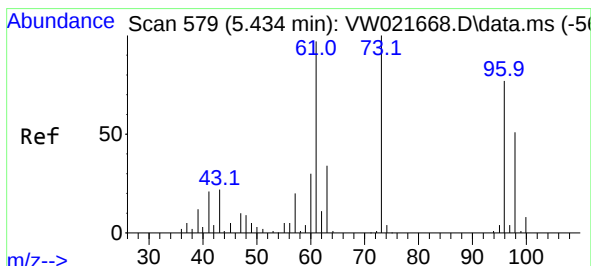
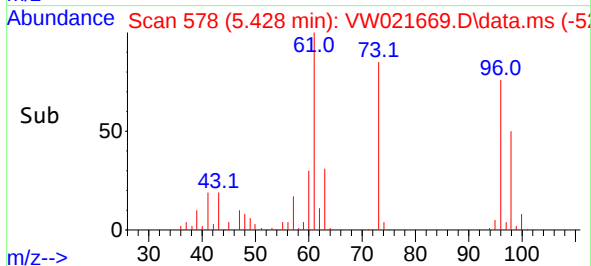
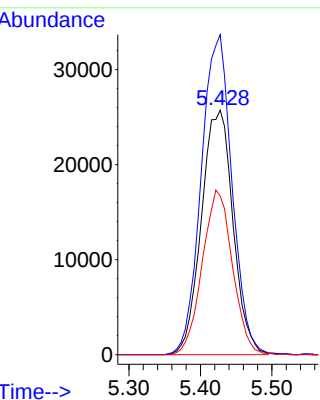
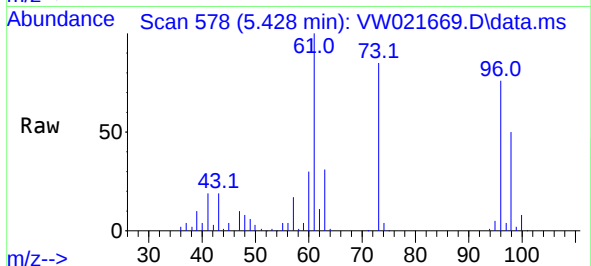
Tgt Ion: 96 Resp: 78986

Ion Ratio Lower Upper

96 100

61 130.9 107.4 199.4

98 64.9 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 50.825 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

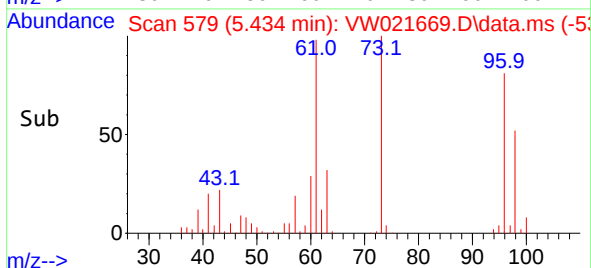
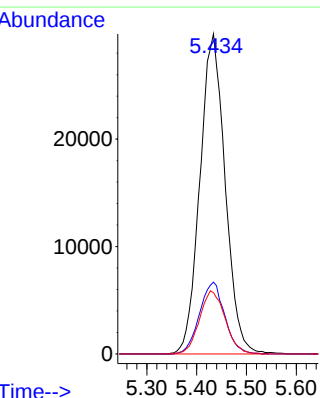
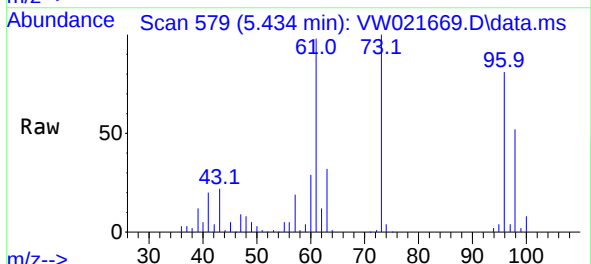
Tgt Ion: 73 Resp: 104725

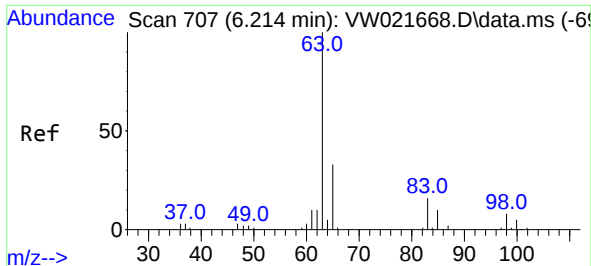
Ion Ratio Lower Upper

73 100

43 22.4 19.5 29.3

57 20.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 53.184 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

Instrument :

MSVOA_W

ClientSampleId :

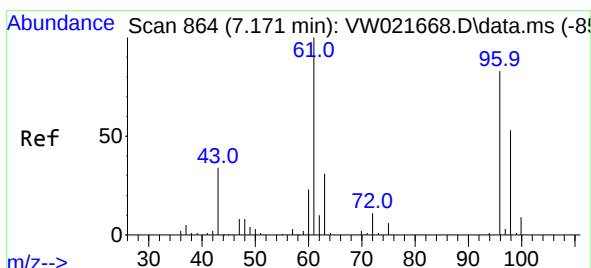
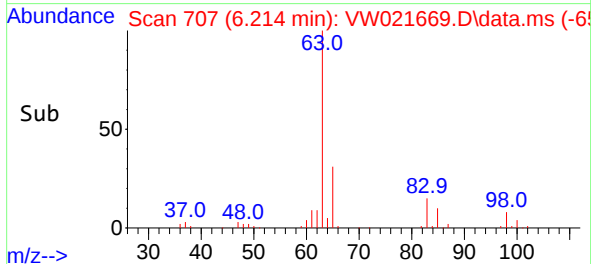
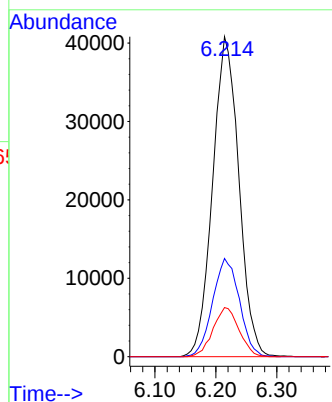
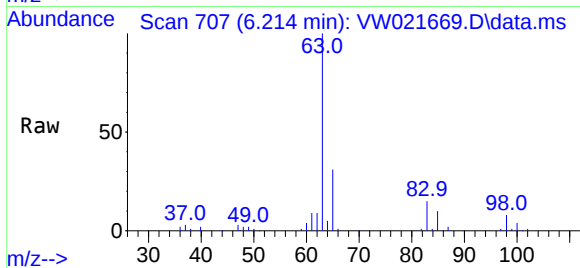
Tgt Ion: 63 Resp: 121980

Ion Ratio Lower Upper

63 100

65 30.7 22.1 41.1

83 15.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 52.932 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

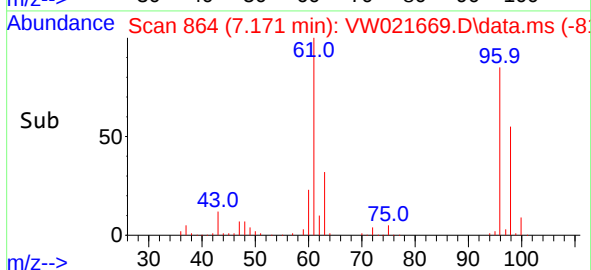
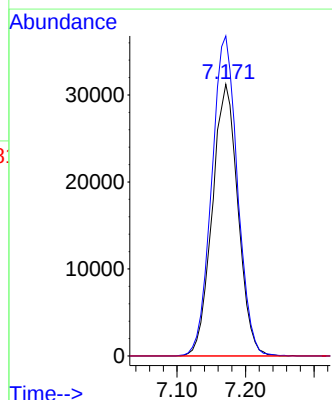
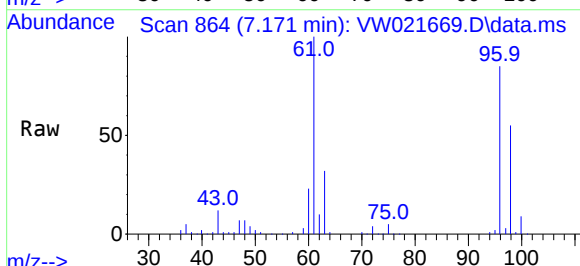
Tgt Ion: 96 Resp: 81255

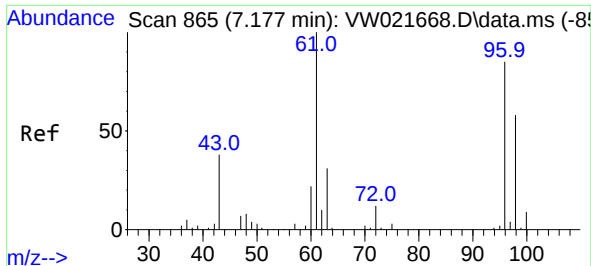
Ion Ratio Lower Upper

96 100

61 117.8 103.7 192.7

68 0.0 0.0 0.0

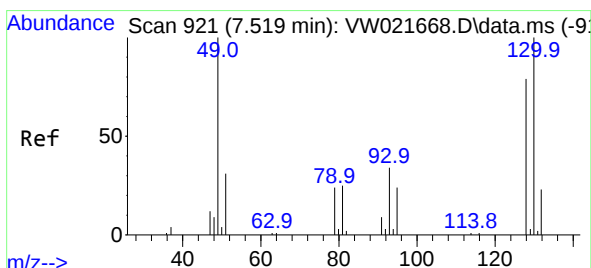
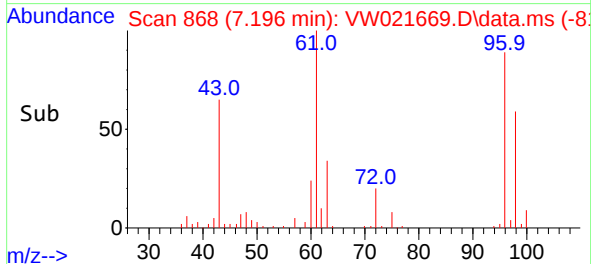
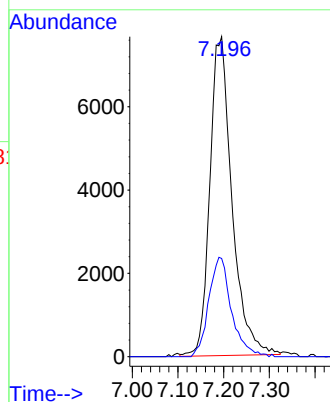
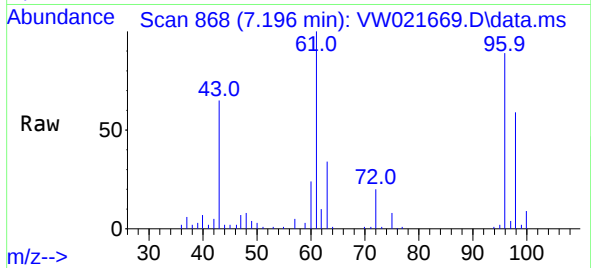




#22
2-Butanone
Concen: 77.179 ug/L
RT: 7.196 min Scan# 865
Delta R.T. 0.018 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

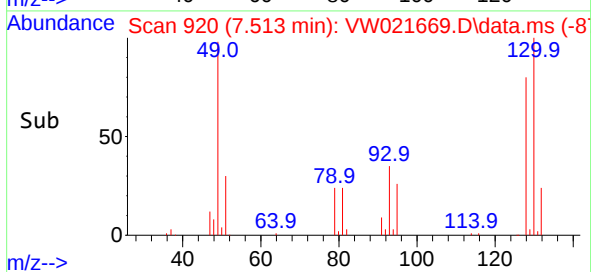
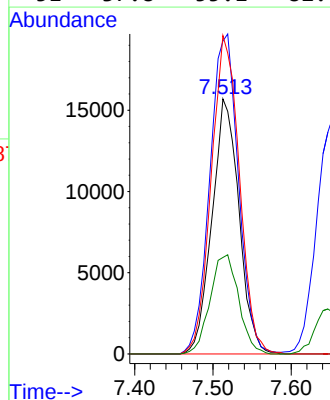
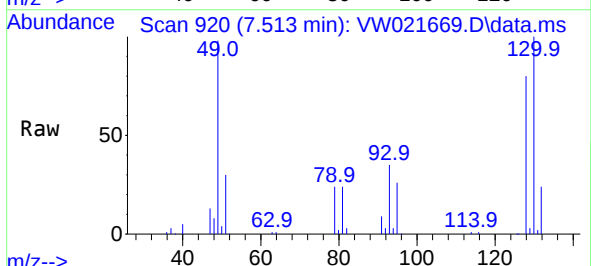
Instrument :
MSVOA_W
ClientSampleId :

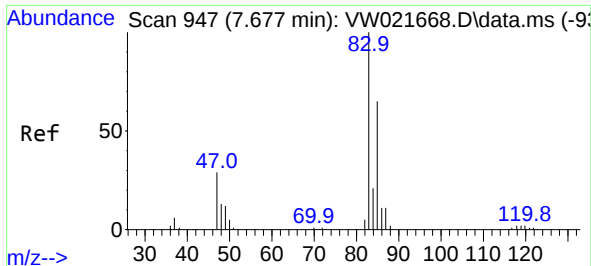
Tgt Ion: 43 Resp: 25796
Ion Ratio Lower Upper
43 100
72 31.6 11.8 35.4



#23
Bromochloromethane
Concen: 51.762 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 128 Resp: 37585
Ion Ratio Lower Upper
128 100
49 122.7 150.3 279.1#
130 124.9 88.3 163.9
51 37.8 55.1 82.7#

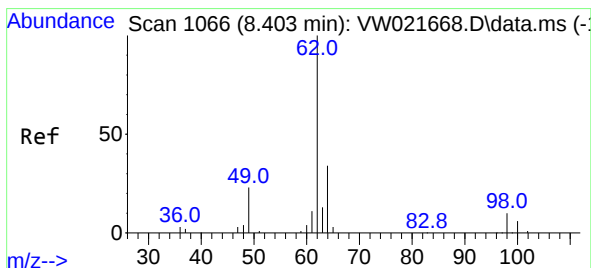
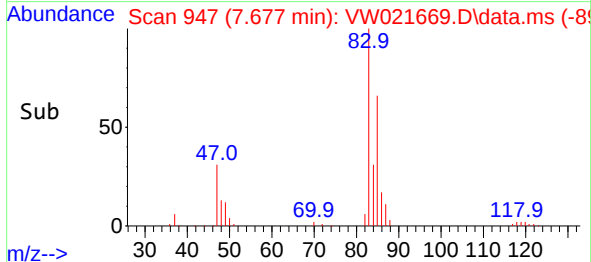
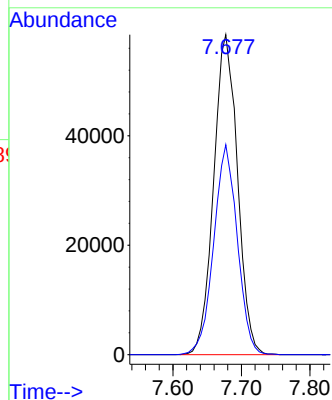
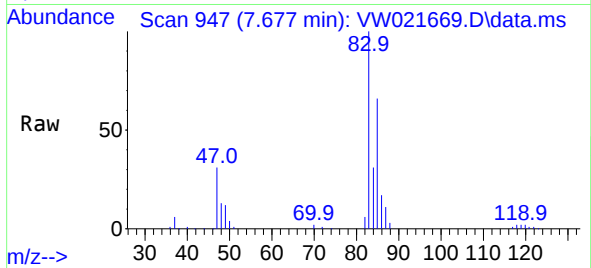




#25
Chloroform
Concen: 53.002 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

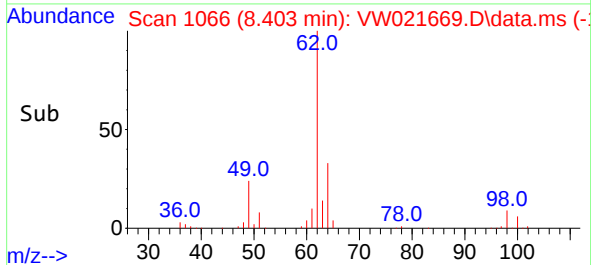
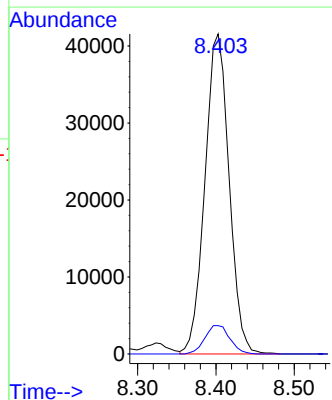
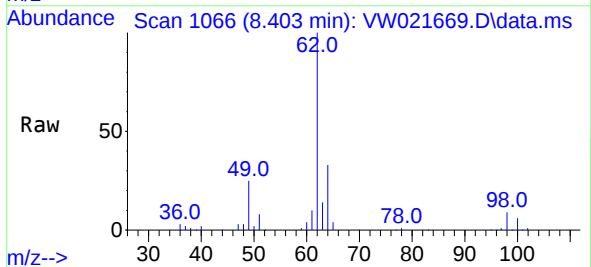
Instrument :
MSVOA_W
ClientSampleId :

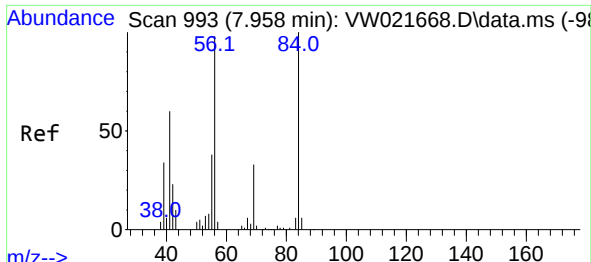
Tgt Ion: 83 Resp: 141252
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 52.092 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

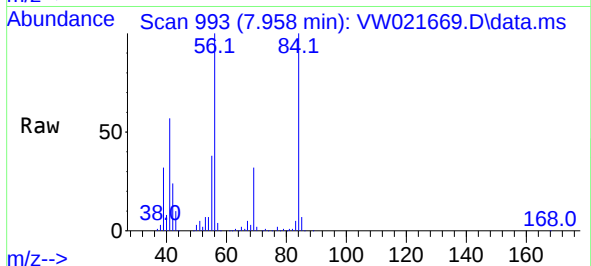
Tgt Ion: 62 Resp: 89124
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7



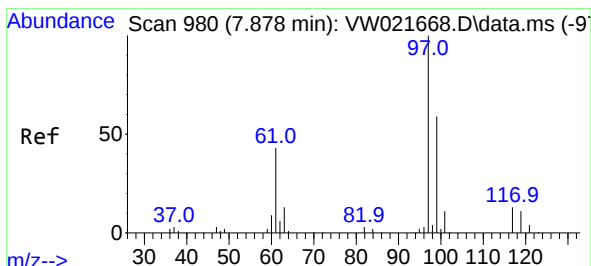
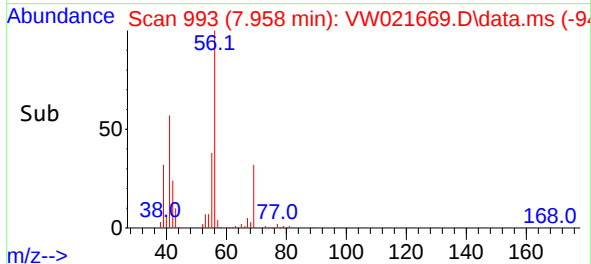
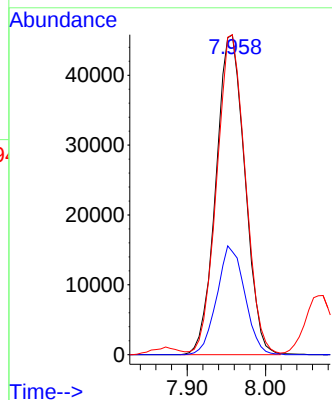


#29
Cyclohexane
Concen: 55.235 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Instrument :
MSVOA_W
ClientSampleId :

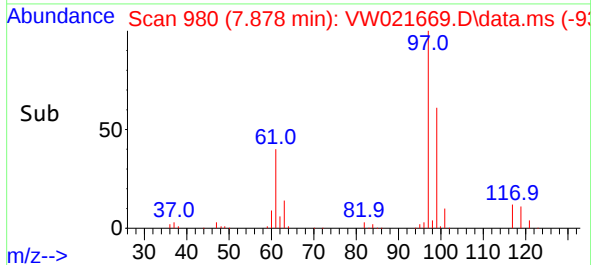
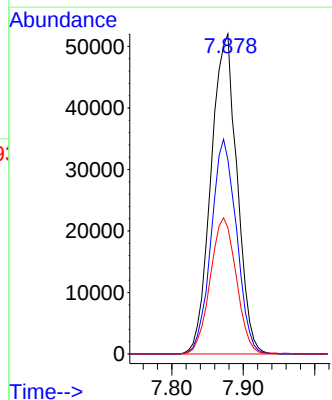
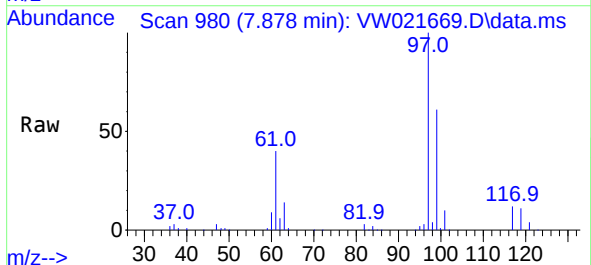


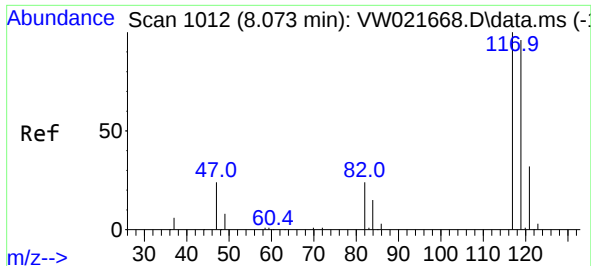
Tgt Ion: 56 Resp: 117461
Ion Ratio Lower Upper
56 100
69 32.8 23.5 35.3
84 99.1 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 54.596 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 97 Resp: 131386
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 42.7 40.9 61.3

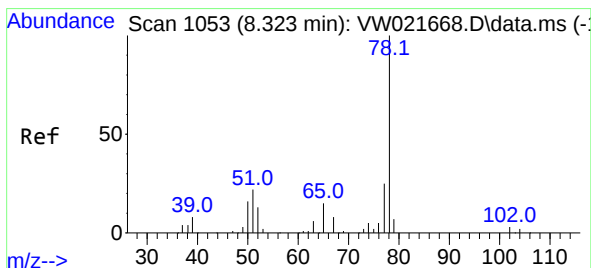
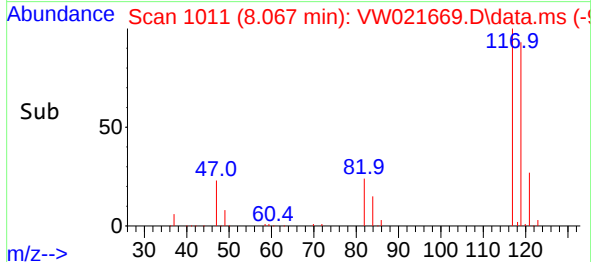
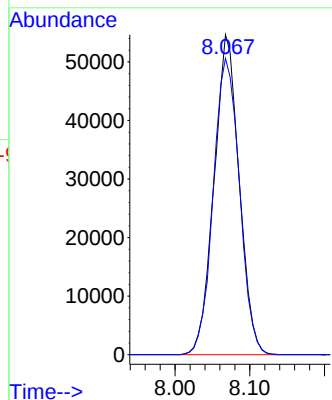
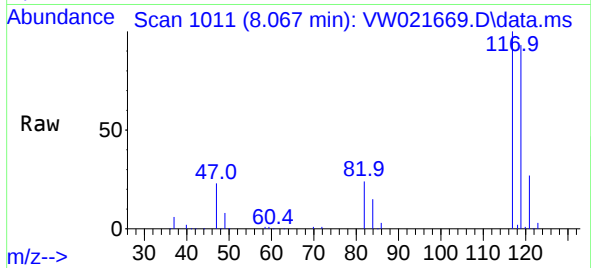




#31
Carbon tetrachloride
Concen: 56.907 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

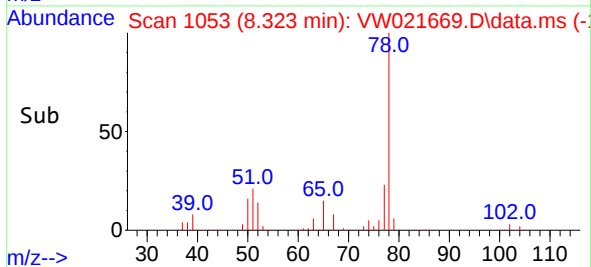
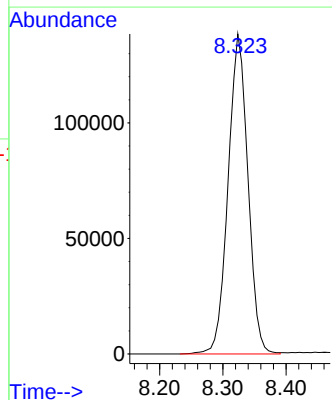
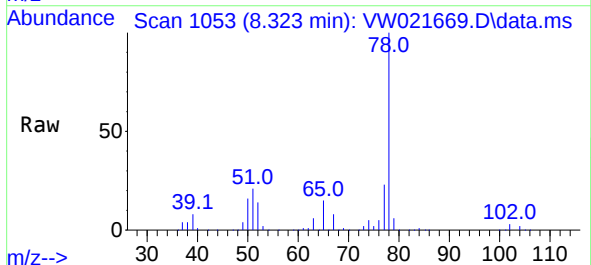
Instrument :
MSVOA_W
ClientSampleId :

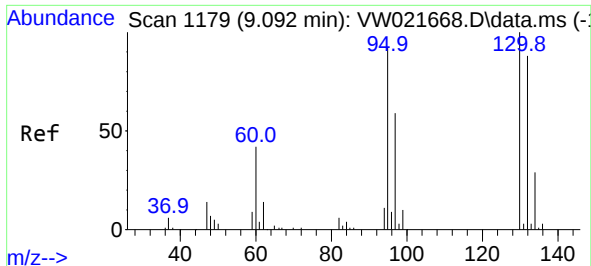
Tgt Ion:117 Resp: 127648
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5



#33
Benzene
Concen: 51.876 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

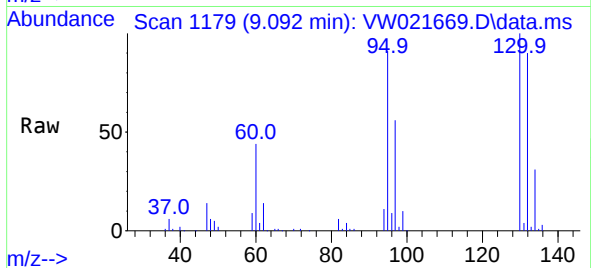
Tgt Ion: 78 Resp: 301631



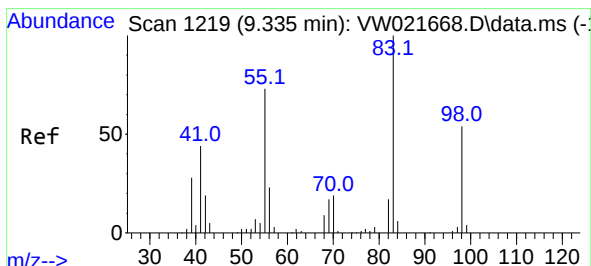
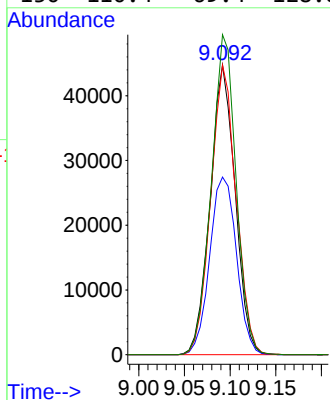
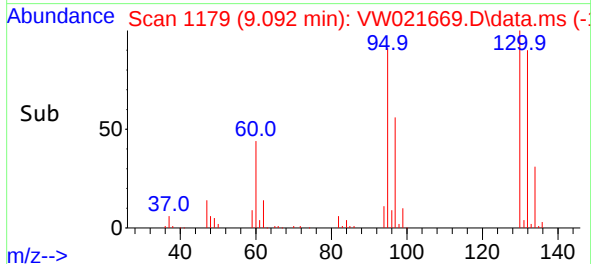


#34
Trichloroethene
Concen: 51.865 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Instrument :
MSVOA_W
ClientSampleId :

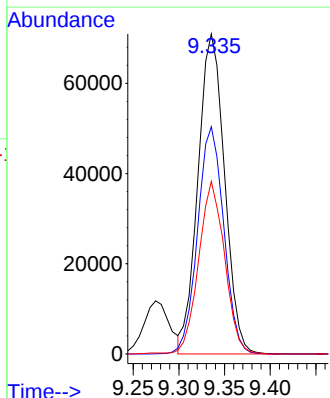
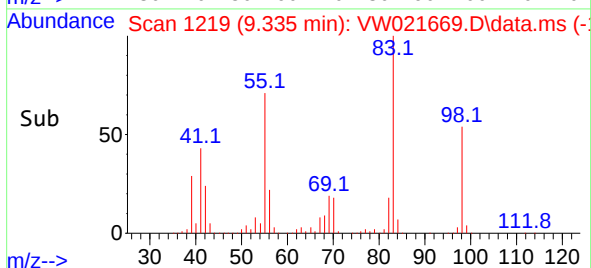
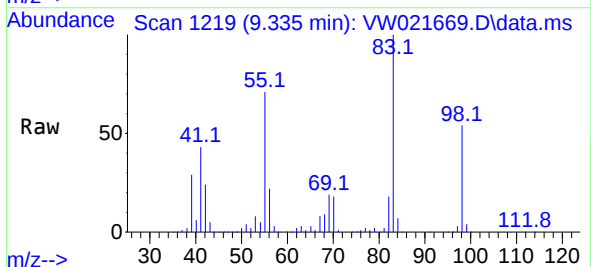


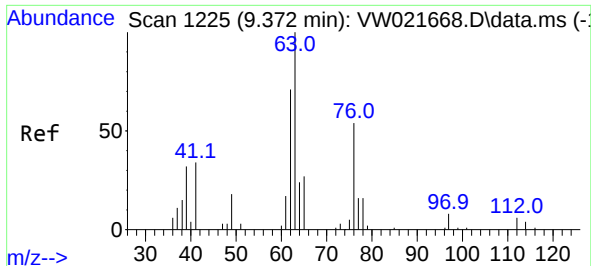
Tgt Ion: 95 Resp: 84883
Ion Ratio Lower Upper
95 100
97 61.3 47.0 87.2
132 99.9 65.5 121.6
130 110.4 69.4 128.8



#35
Methylcyclohexane
Concen: 53.180 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 83 Resp: 143478
Ion Ratio Lower Upper
83 100
55 69.9 70.8 106.2#
98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 50.843 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

Instrument :

MSVOA_W

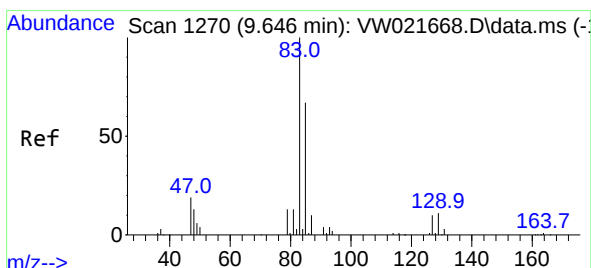
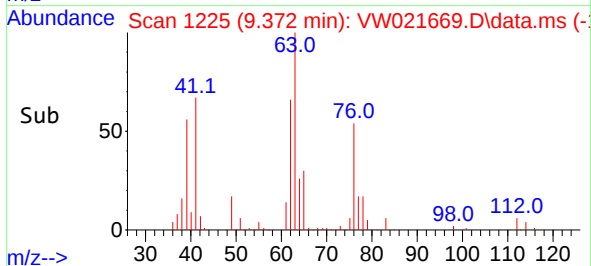
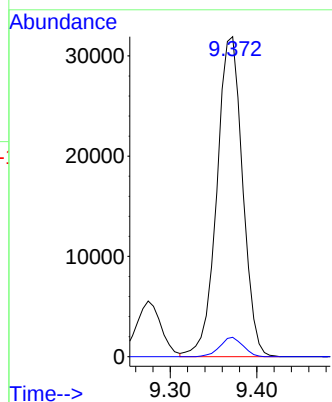
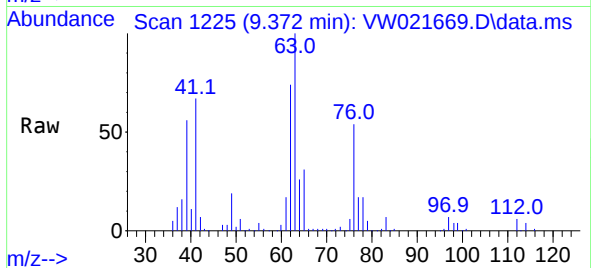
ClientSampleId :

Tgt Ion: 63 Resp: 65941

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 56.098 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

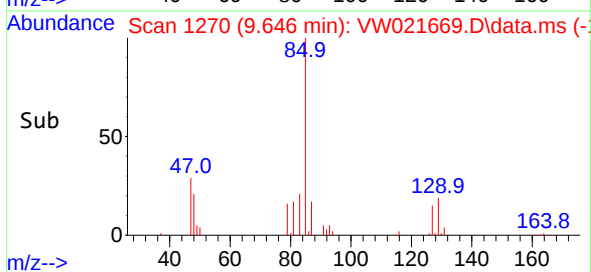
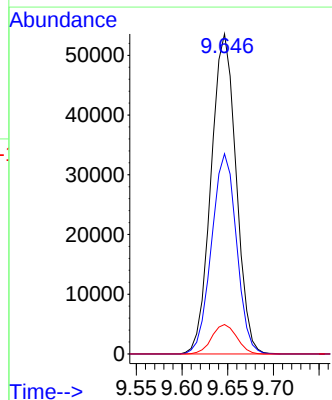
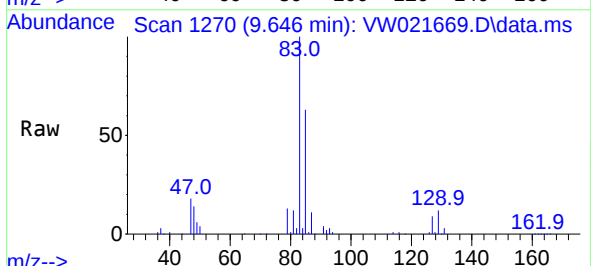
Tgt Ion: 83 Resp: 102111

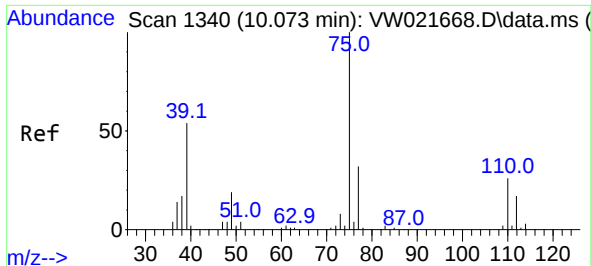
Ion Ratio Lower Upper

83 100

85 62.5 44.1 81.9

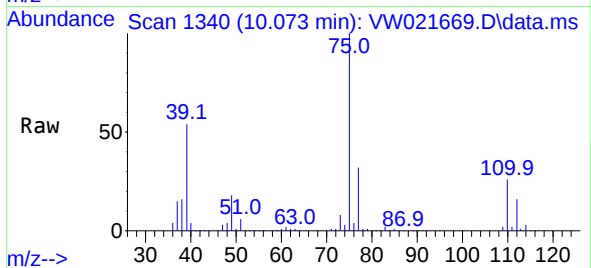
127 9.2 6.1 9.1#



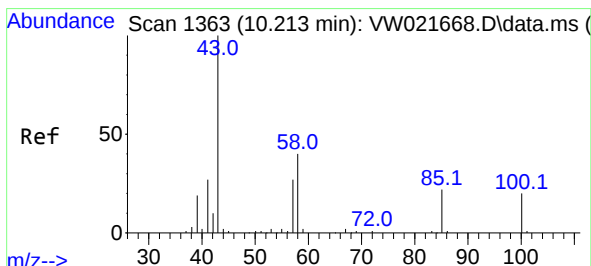
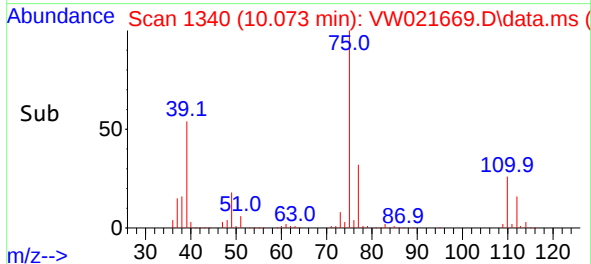
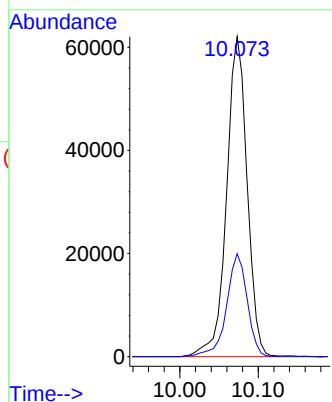


#39
cis-1,3-Dichloropropene
Concen: 54.618 ug/L
RT: 10.073 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Instrument :
MSVOA_W
ClientSampleId :

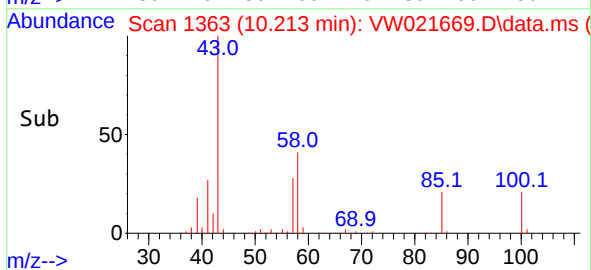
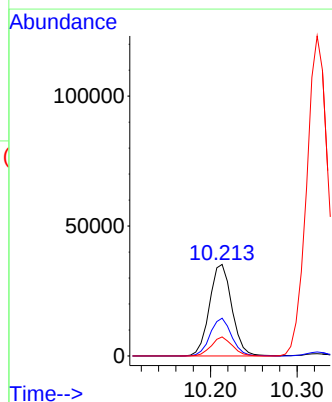
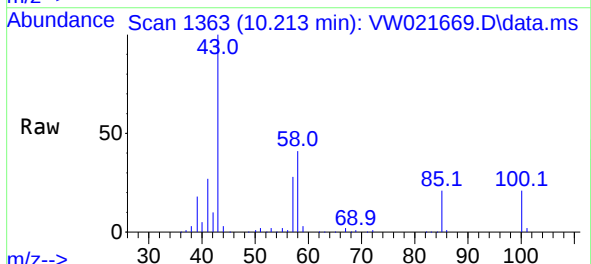


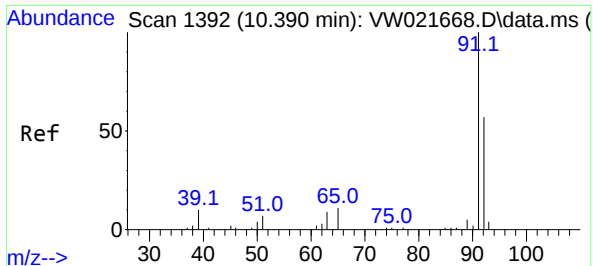
Tgt Ion: 75 Resp: 113085
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 87.433 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 43 Resp: 63276
Ion Ratio Lower Upper
43 100
58 39.7 28.8 43.2
100 19.5 10.0 15.0#

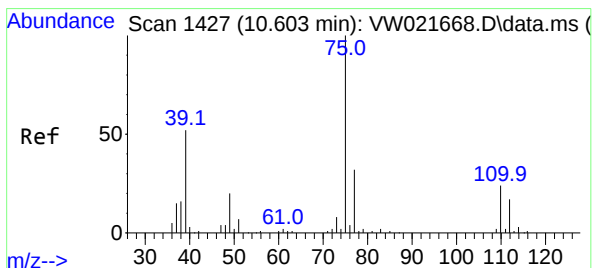
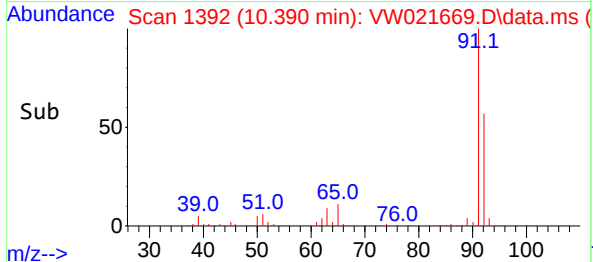
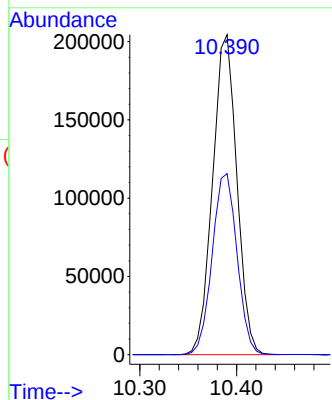
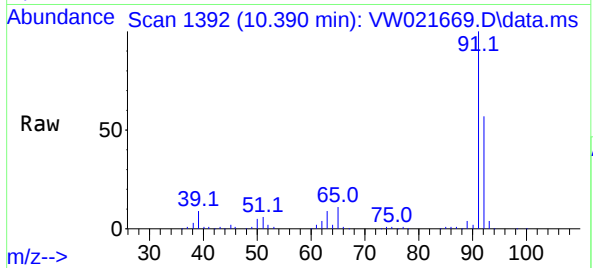




#42
Toluene
Concen: 52.829 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

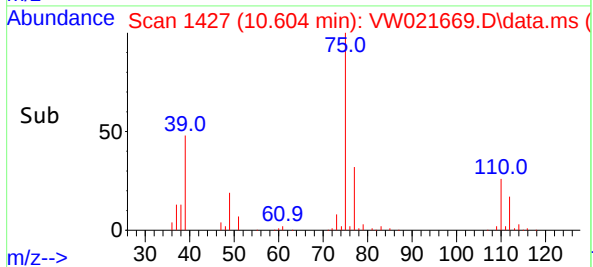
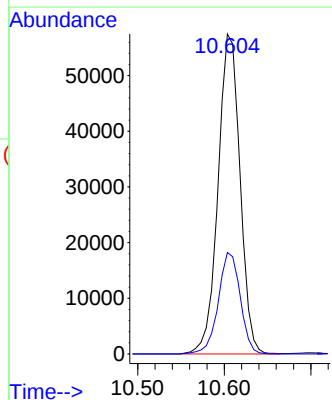
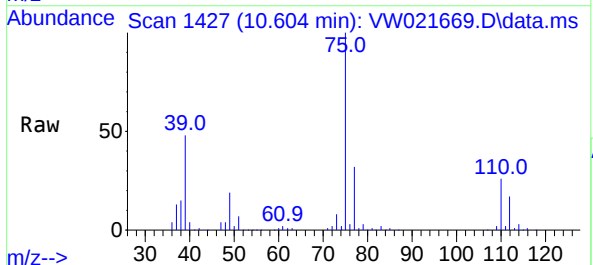
Instrument :
MSVOA_W
ClientSampleId :

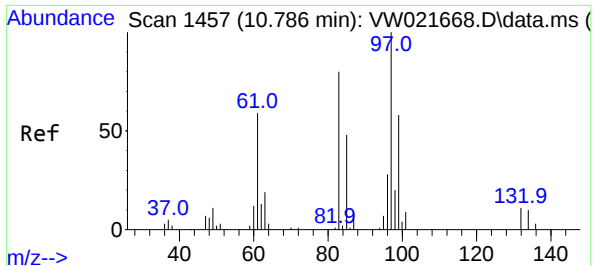
Tgt Ion: 91 Resp: 355807
Ion Ratio Lower Upper
91 100
92 56.6 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 55.186 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

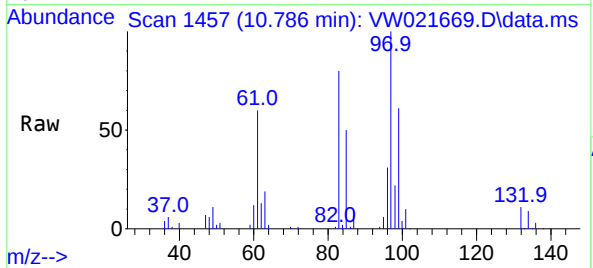
Tgt Ion: 75 Resp: 101316
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2





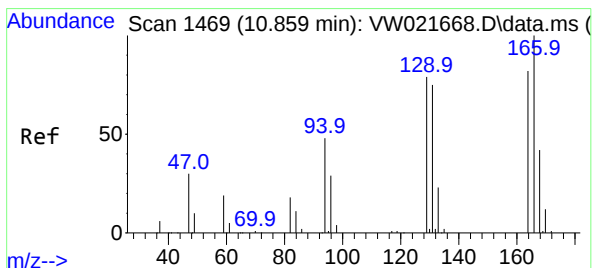
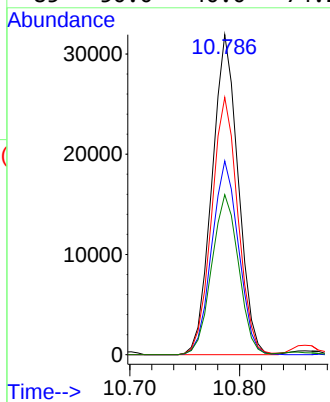
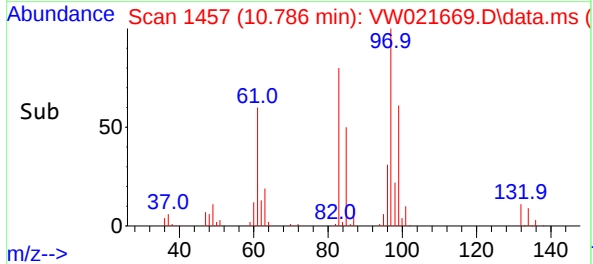
#45
1,1,2-Trichloroethane
Concen: 49.323 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Instrument :
MSVOA_W
ClientSampleId :

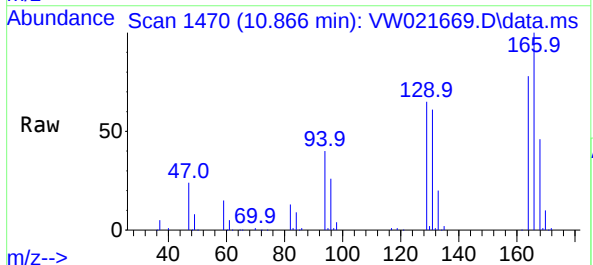


Tgt Ion: 97 Resp: 53115

Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.0	79.8
83	80.4	62.6	116.3
85	50.0	40.0	74.2

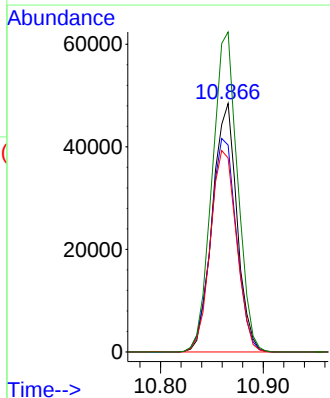
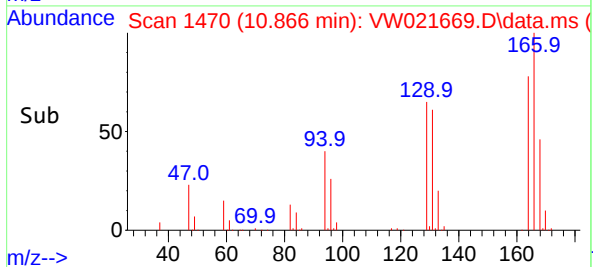


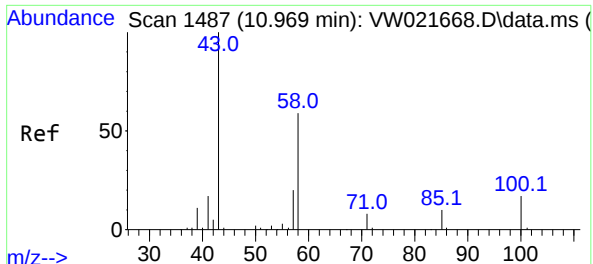
#46
Tetrachloroethene
Concen: 52.130 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27



Tgt Ion: 164 Resp: 80562

Ion	Ratio	Lower	Upper
164	100		
129	83.3	65.5	121.7
131	78.0	59.7	110.9
166	128.8	88.7	164.7





#48

2-Hexanone

Concen: 86.237 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 44813

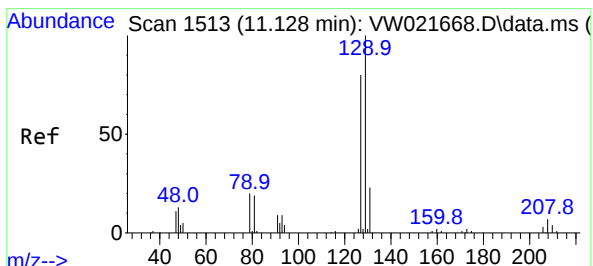
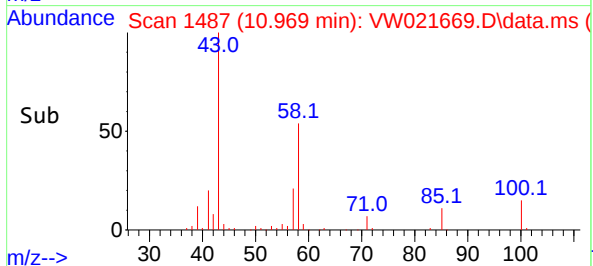
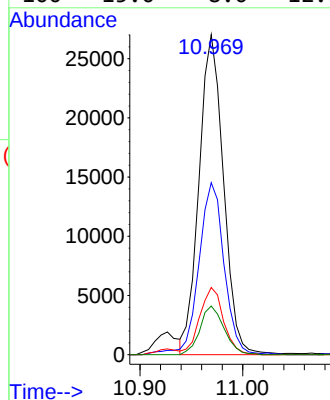
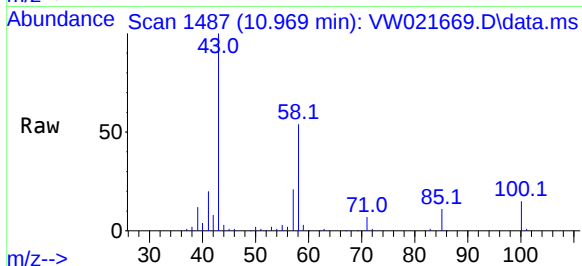
Ion Ratio Lower Upper

43 100

58 53.4 40.2 60.2

57 20.4 14.3 21.5

100 15.0 8.0 12.0#



#49

Dibromochloromethane

Concen: 54.167 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW021669.D

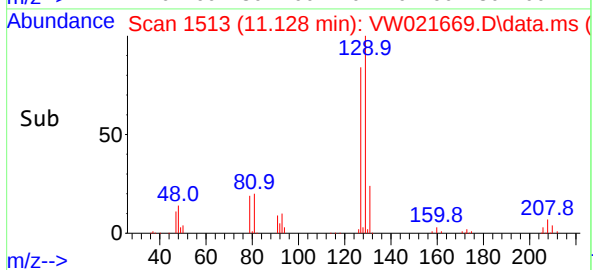
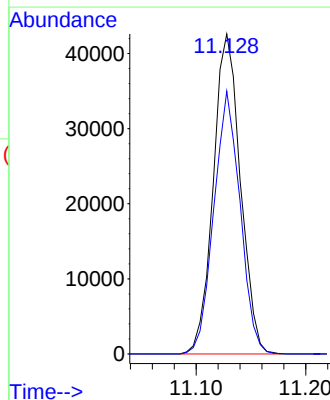
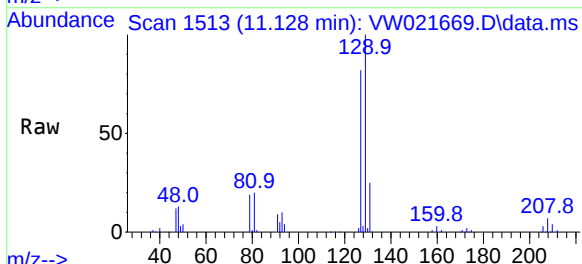
Acq: 28 Dec 2021 11:27

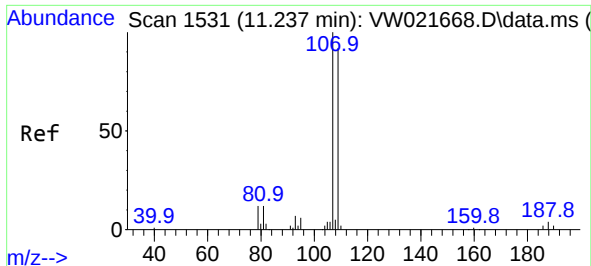
Tgt Ion:129 Resp: 73251

Ion Ratio Lower Upper

129 100

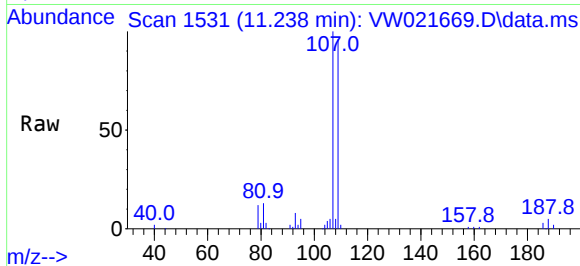
127 82.1 55.7 103.5



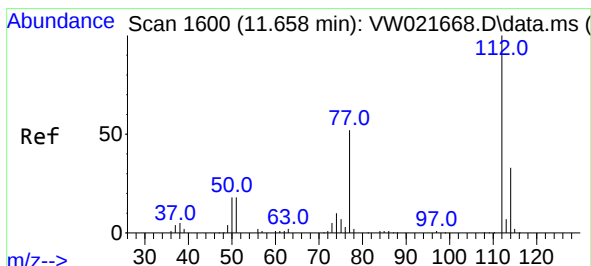
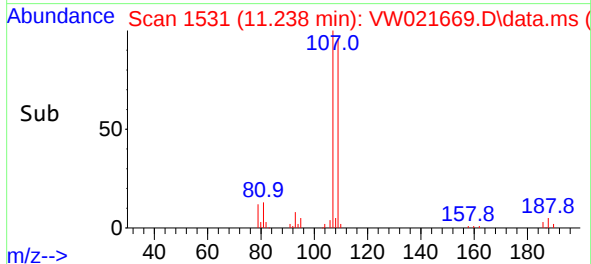
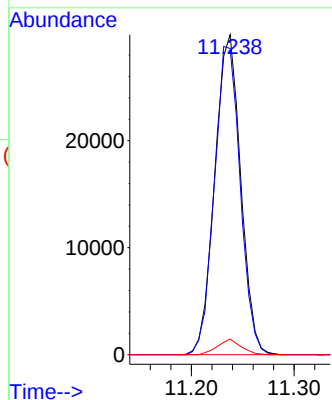


#50
1,2-Dibromoethane
Concen: 48.255 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Instrument :
MSVOA_W
ClientSampleId :

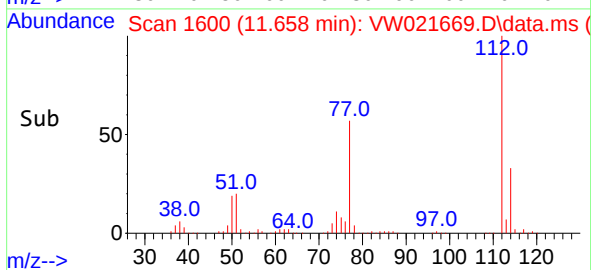
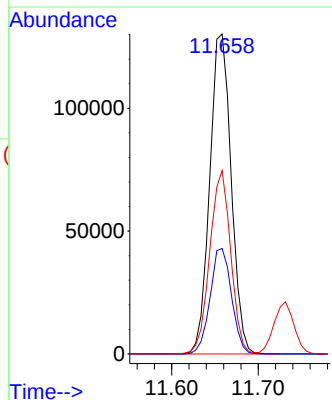
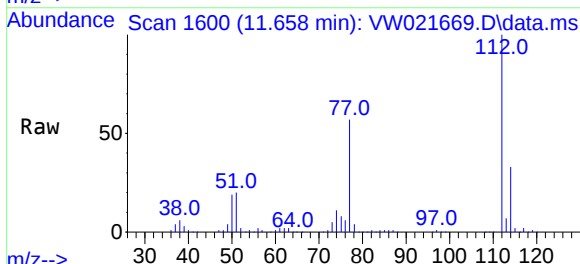


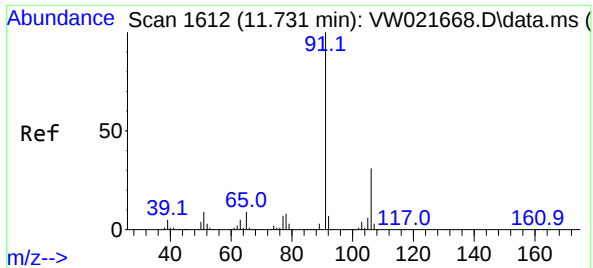
Tgt Ion:107 Resp: 52346
Ion Ratio Lower Upper
107 100
109 95.7 64.1 119.1
188 4.9 2.6 3.8#



#51
Chlorobenzene
Concen: 49.834 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion:112 Resp: 224297
Ion Ratio Lower Upper
112 100
114 33.0 22.4 41.6
77 57.3 50.2 75.4

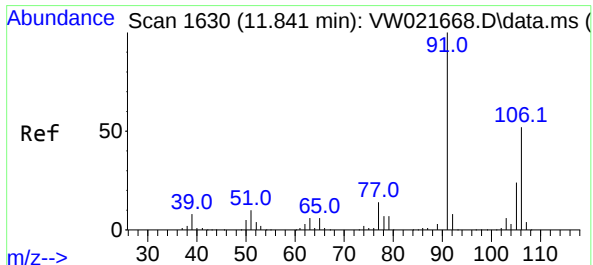
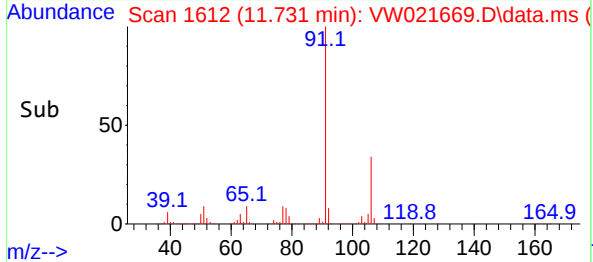
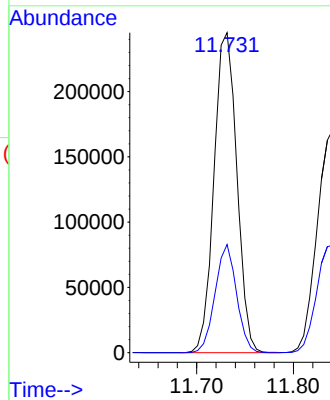
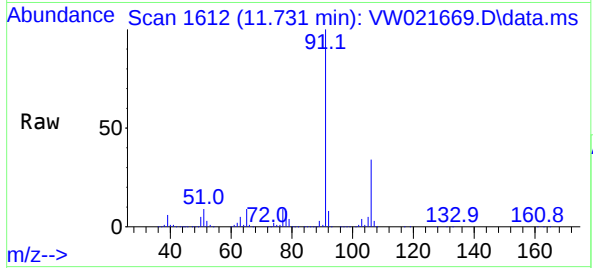




#52
Ethylbenzene
Concen: 52.483 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

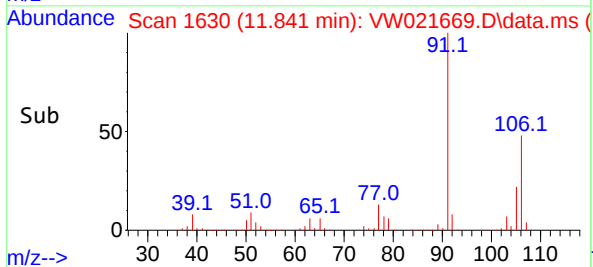
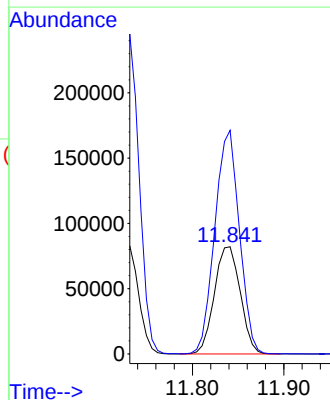
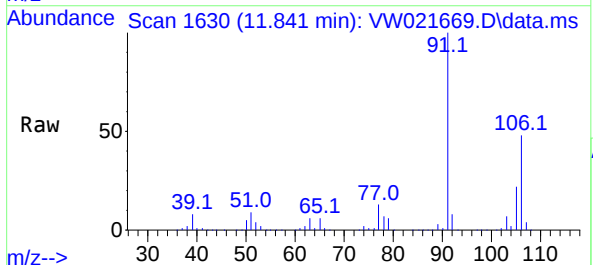
Instrument :
MSVOA_W
ClientSampleId :

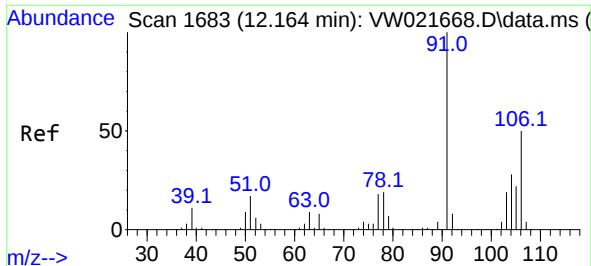
Tgt Ion: 91 Resp: 401401
Ion Ratio Lower Upper
91 100
106 33.8 21.5 39.9



#53
m,p-Xylene
Concen: 52.491 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 106 Resp: 161451
Ion Ratio Lower Upper
106 100
91 208.6 149.9 278.3

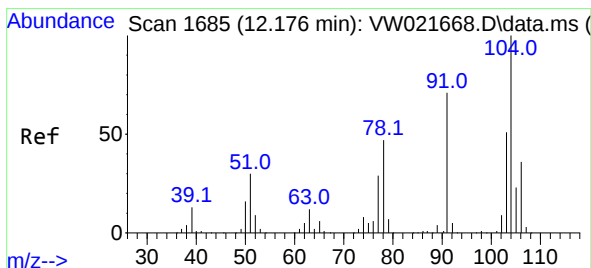
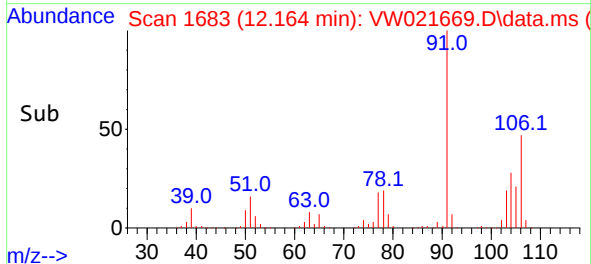
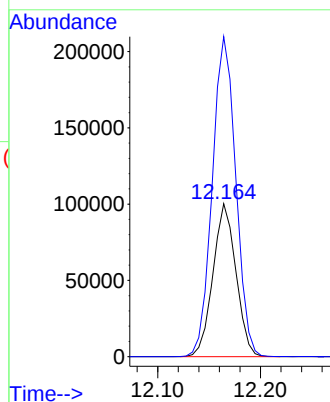
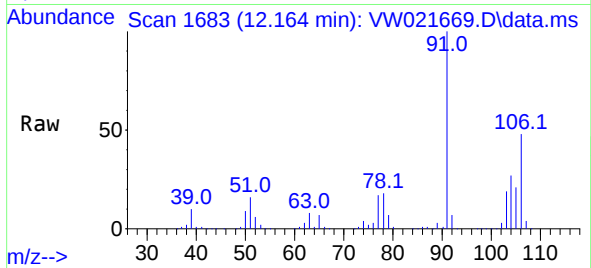




#54
o-Xylene
Concen: 53.537 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

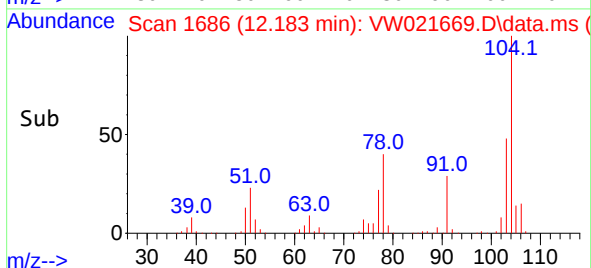
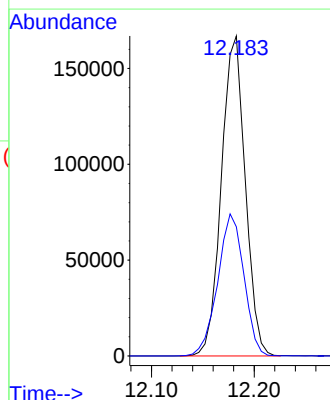
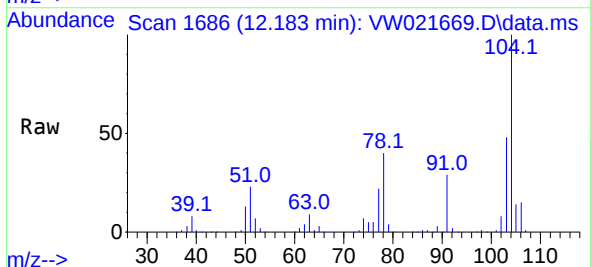
Instrument :
MSVOA_W
ClientSampleId :

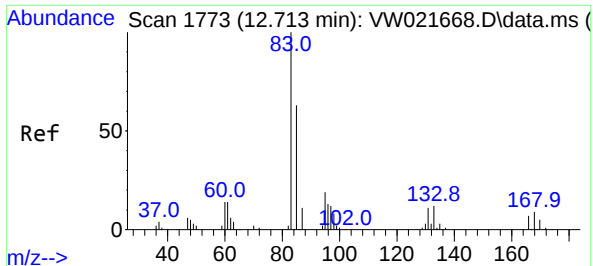
Tgt Ion:106 Resp: 155734
Ion Ratio Lower Upper
106 100
91 209.1 153.6 285.3



#55
Styrene
Concen: 53.889 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion:104 Resp: 269147
Ion Ratio Lower Upper
104 100
78 40.4 34.4 64.0

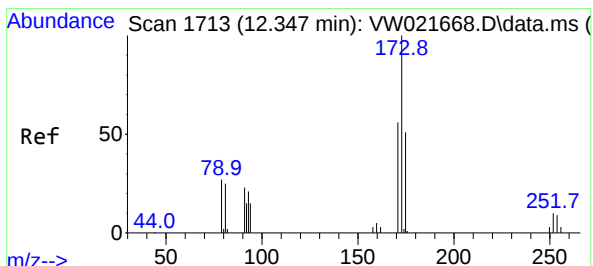
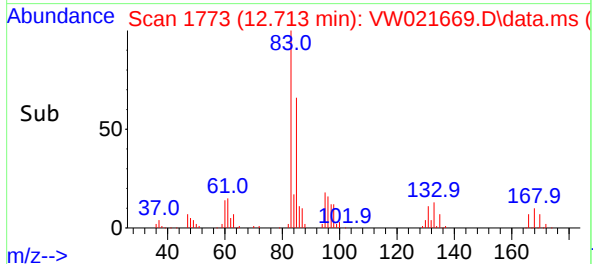
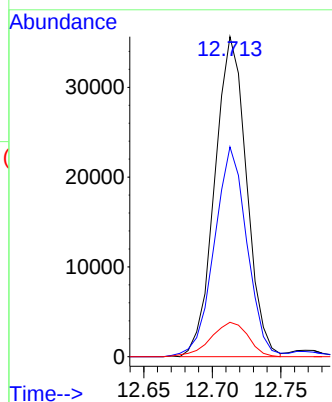
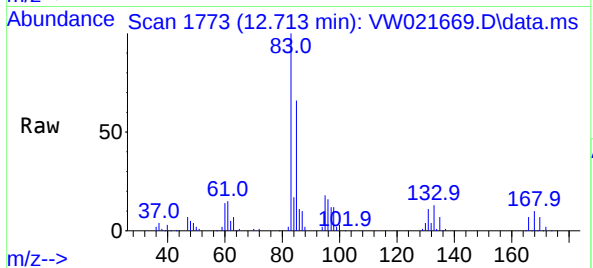




#57
1,1,2,2-Tetrachloroethane
Concen: 46.994 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

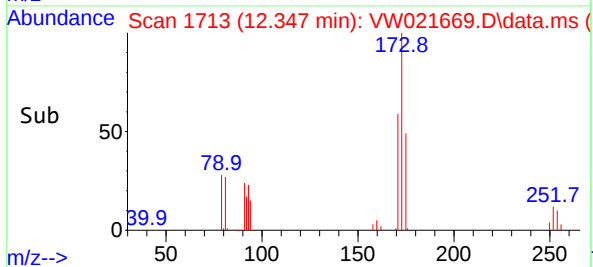
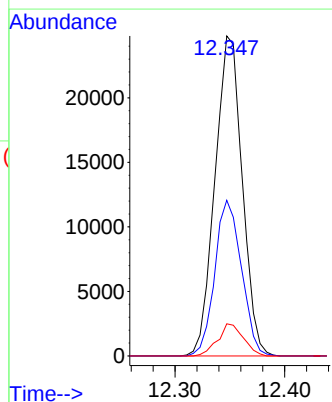
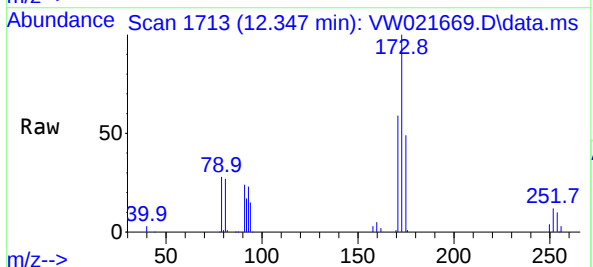
Instrument :
MSVOA_W
ClientSampleId :

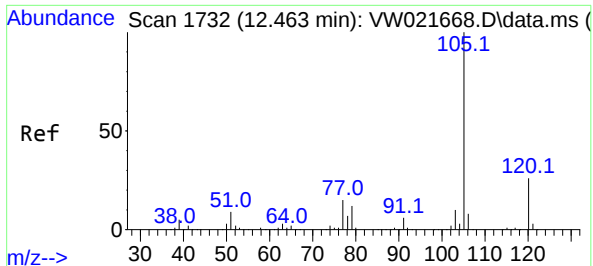
Tgt Ion: 83 Resp: 57529
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.6
131 10.8 6.9 10.3#



#59
Bromoform
Concen: 52.212 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion:173 Resp: 42883
Ion Ratio Lower Upper
173 100
175 47.6 39.6 59.4
254 9.4 7.4 11.0

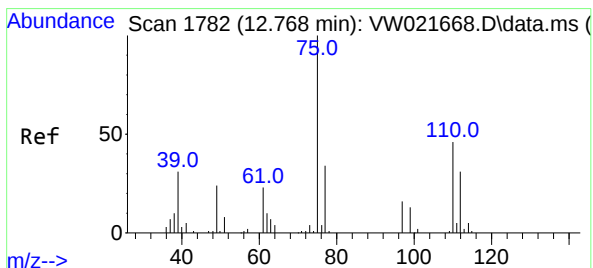
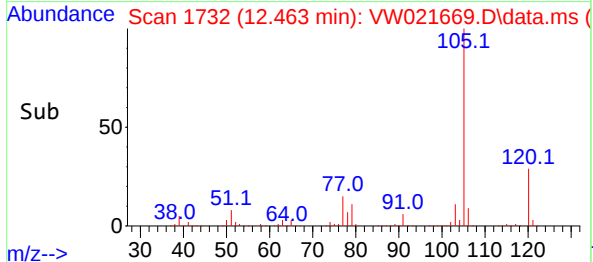
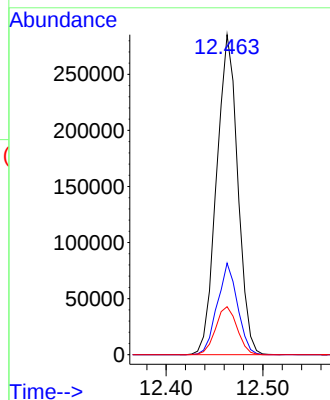
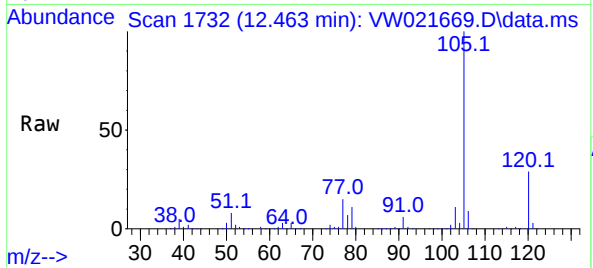




#60
Isopropylbenzene
Concen: 49.987 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

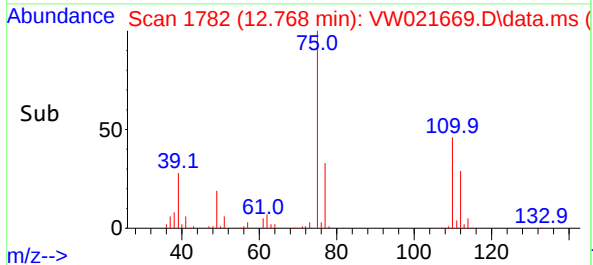
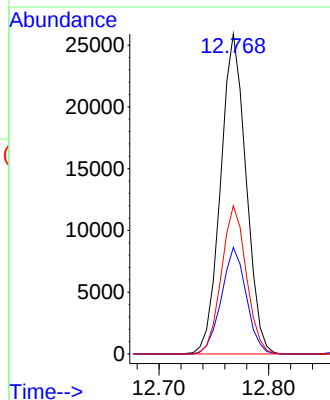
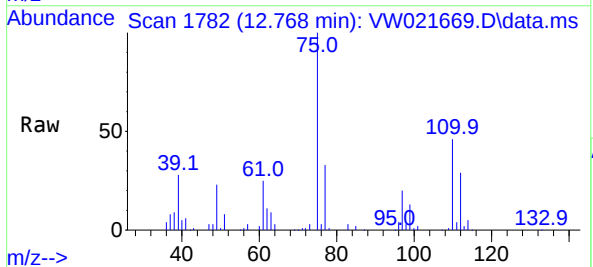
Instrument :
MSVOA_W
ClientSampleId :

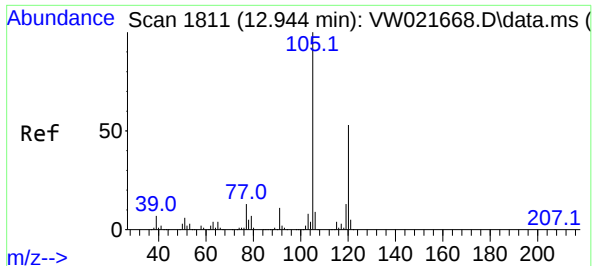
Tgt Ion:105 Resp: 433831
Ion Ratio Lower Upper
105 100
120 27.4 20.1 30.1
77 15.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 43.880 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 75 Resp: 41764
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 45.2 29.0 43.4#

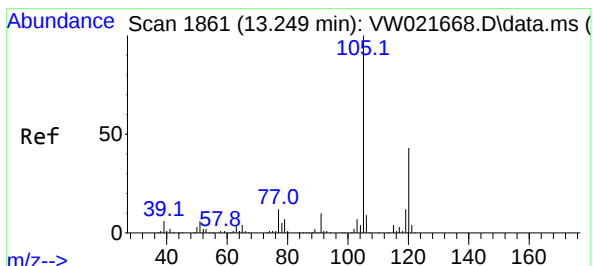
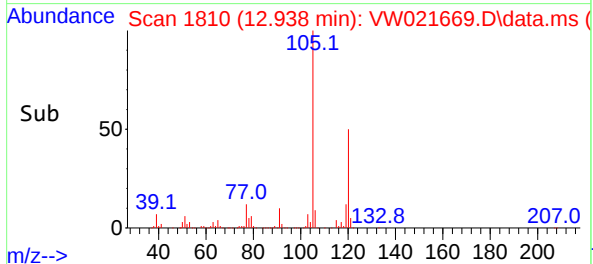
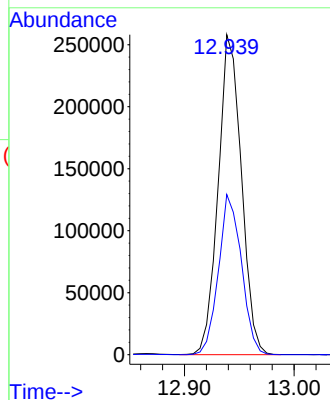
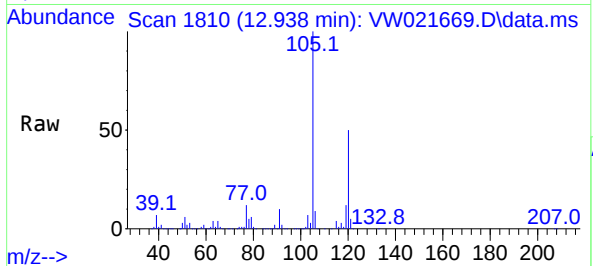




#62
1,3,5-Trimethylbenzene
Concen: 51.306 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

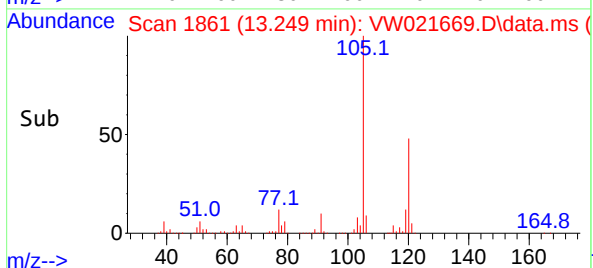
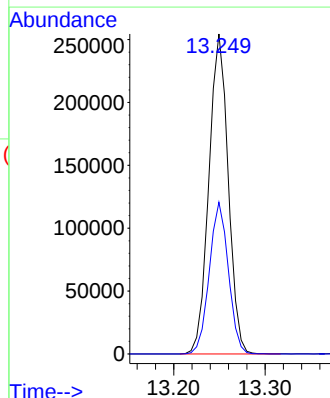
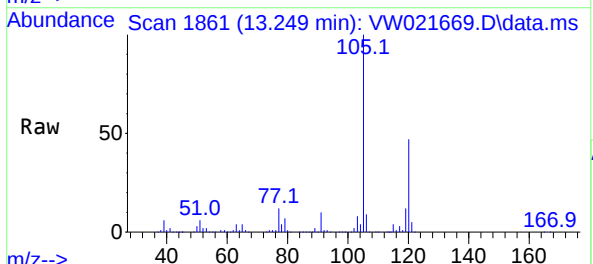
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 380118
Ion Ratio Lower Upper
105 100
120 49.4 37.4 56.2

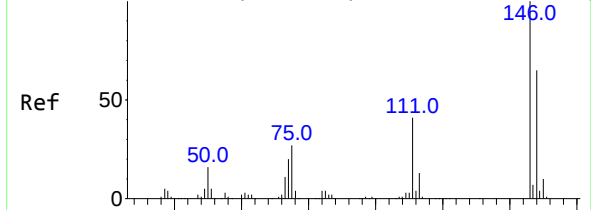


#63
1,2,4-Trimethylbenzene
Concen: 50.719 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion:105 Resp: 372853
Ion Ratio Lower Upper
105 100
120 46.8 35.0 52.6

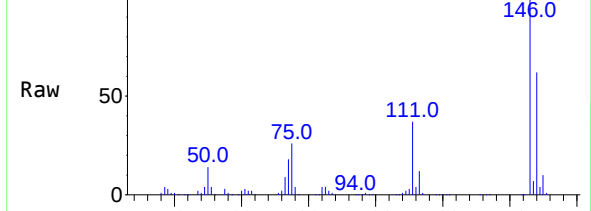


Abundance Scan 1902 (13.499 min): VW021668.D\data.ms (



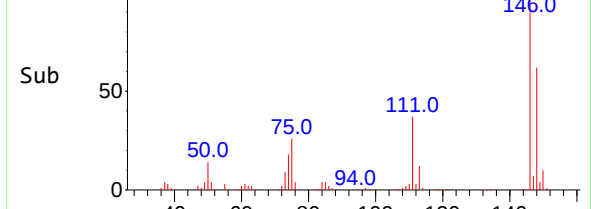
m/z-->

Abundance Scan 1902 (13.499 min): VW021669.D\data.ms



m/z-->

Abundance Scan 1902 (13.499 min): VW021669.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 48.378 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

Instrument :

MSVOA_W

ClientSampleId :

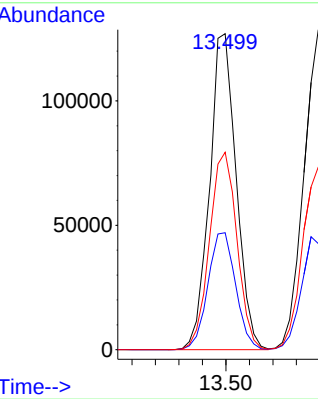
Tgt Ion:146 Resp: 200376

Ion Ratio Lower Upper

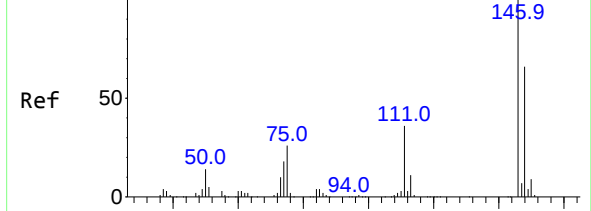
146 100

111 37.0 29.8 55.3

148 62.5 46.2 85.8

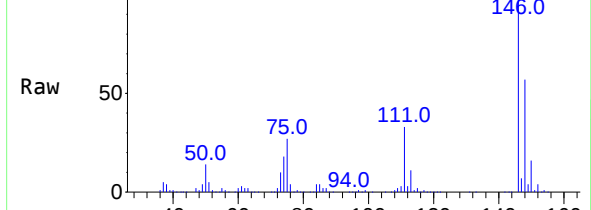


Abundance Scan 1915 (13.579 min): VW021668.D\data.ms (



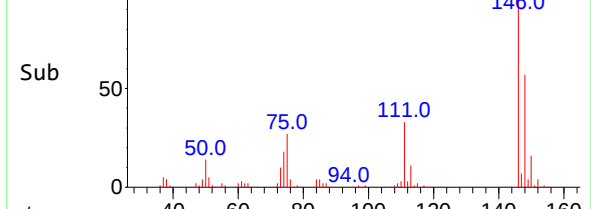
m/z-->

Abundance Scan 1915 (13.579 min): VW021669.D\data.ms



m/z-->

Abundance Scan 1915 (13.579 min): VW021669.D\data.ms (



m/z-->

#65

1,4-Dichlorobenzene

Concen: 48.407 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

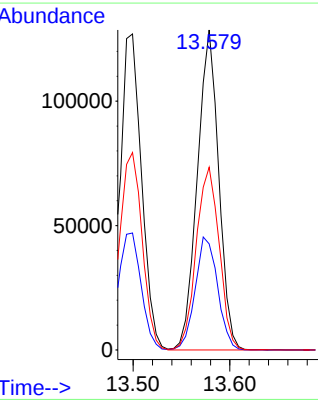
Tgt Ion:146 Resp: 197989

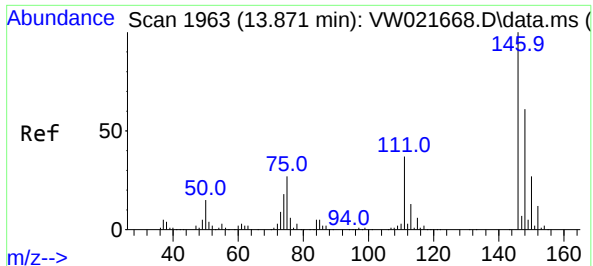
Ion Ratio Lower Upper

146 100

111 33.2 29.0 53.9

148 57.1 46.9 87.1

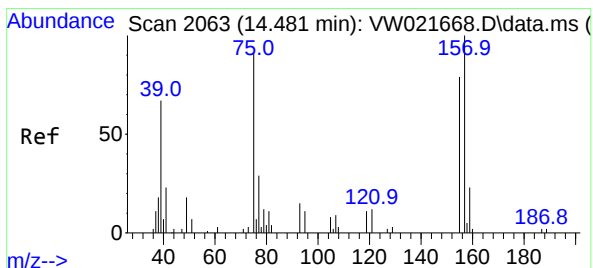
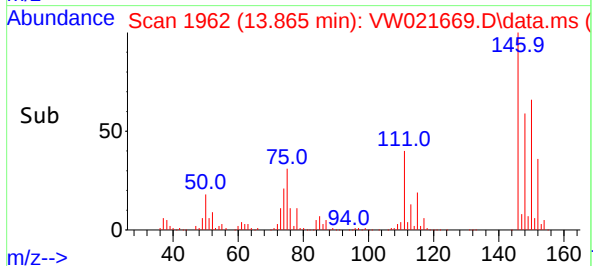
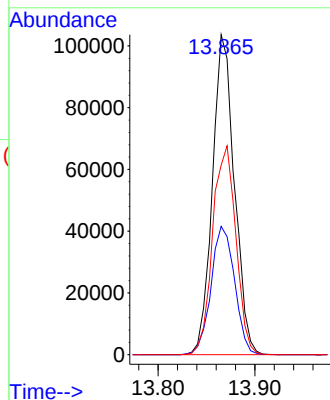
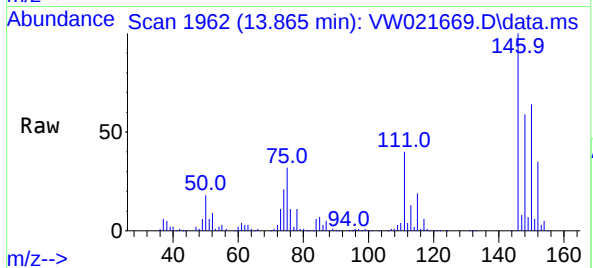




#67
1,2-Dichlorobenzene
Concen: 45.004 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

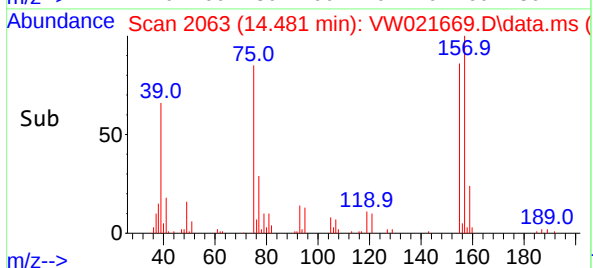
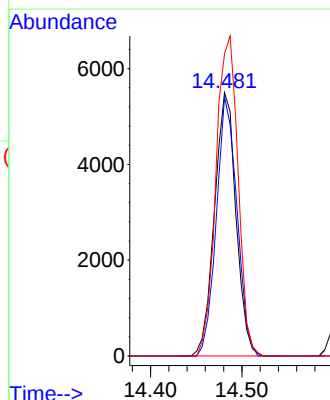
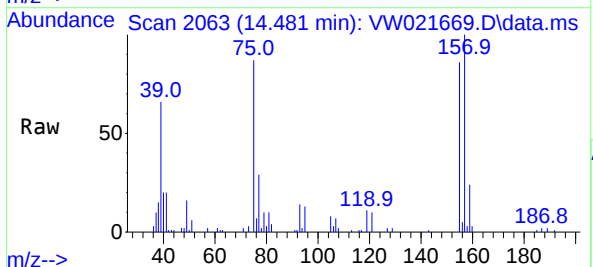
Instrument :
MSVOA_W
ClientSampleId :

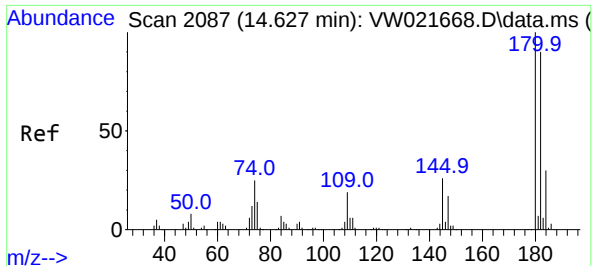
Tgt Ion:146 Resp: 163809
Ion Ratio Lower Upper
146 100
111 40.1 33.1 49.7
148 59.2 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 44.134 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion: 75 Resp: 8983
Ion Ratio Lower Upper
75 100
155 98.3 54.2 81.2#
157 114.7 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 46.681 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 143510

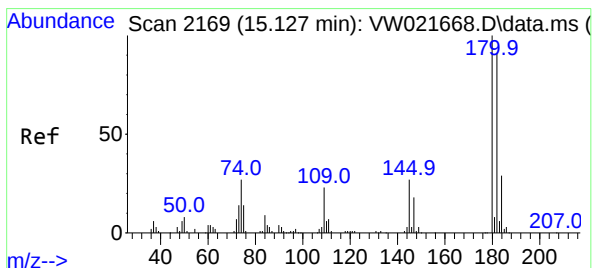
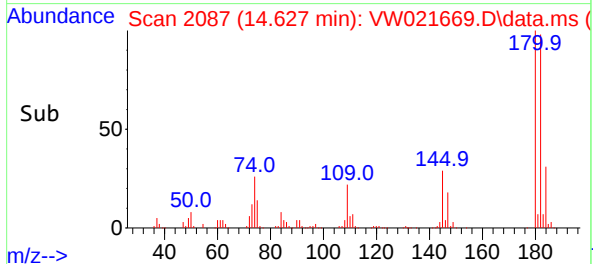
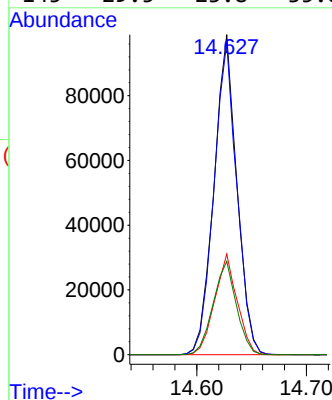
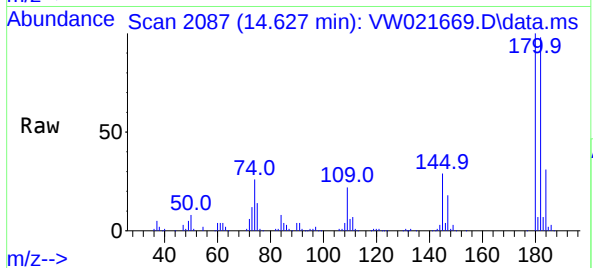
Ion Ratio Lower Upper

180 100

182 97.7 75.4 113.0

184 30.9 23.8 35.8

145 29.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 46.550 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021669.D

Acq: 28 Dec 2021 11:27

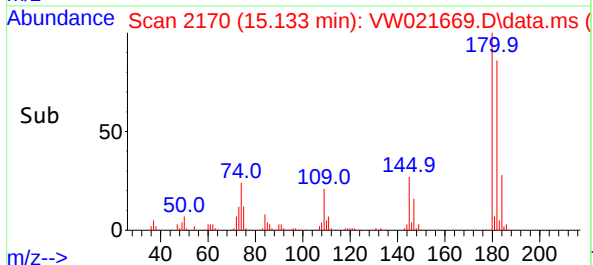
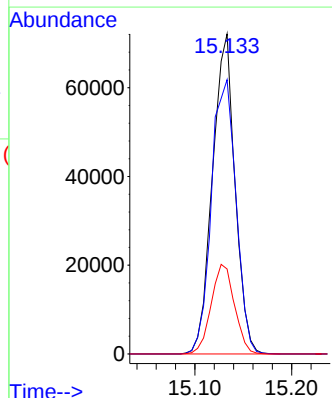
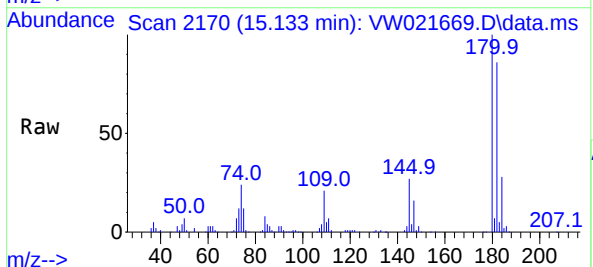
Tgt Ion:180 Resp: 116918

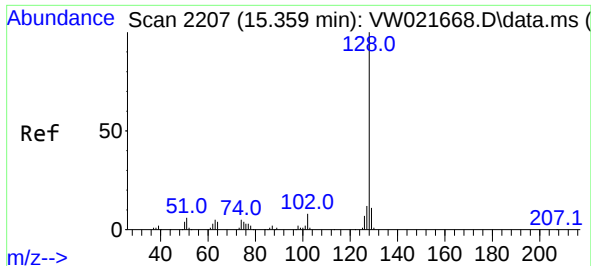
Ion Ratio Lower Upper

180 100

182 93.7 79.0 118.6

145 29.0 26.0 39.0

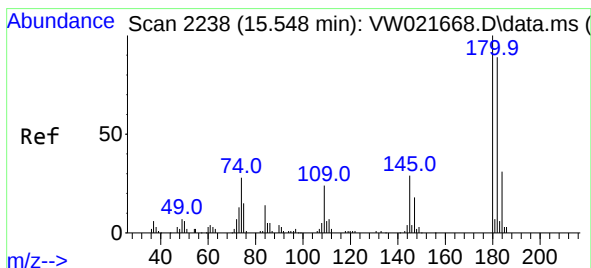
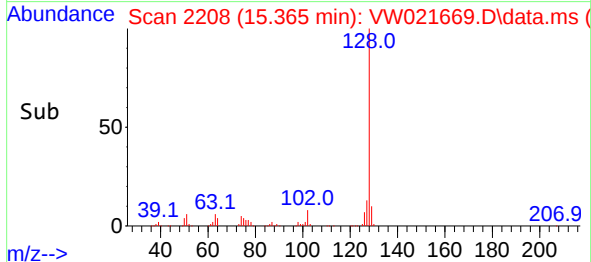
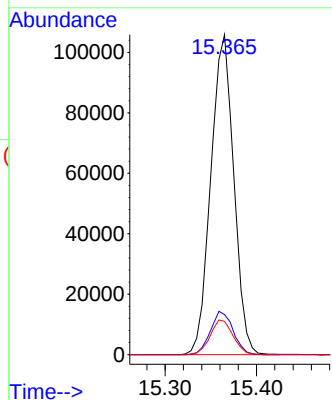
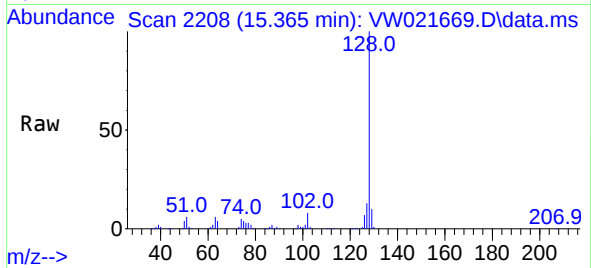




#71
Naphthalene
Concen: 45.124 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 184575
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 45.828 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021669.D
Acq: 28 Dec 2021 11:27

Tgt Ion:180 Resp: 94105
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 32.3 27.4 41.0

