

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021672.D
 Acq On : 28 Dec 2021 13:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 29 00:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 12:18:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	98588	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98256	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59364	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46476	23.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.640%
7) Chloroethane-d5	2.885	69	33153	25.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.280%
11) 1,1-Dichloroethene-d2	4.025	63	64532	22.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.760%
21) 2-Butanone-d5	7.086	46	12940	45.502	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.000%
24) Chloroform-d	7.653	84	69133	22.448	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	8.305	65	35805	22.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.080%
32) Benzene-d6	8.275	84	129742	22.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.274	67	35354	22.338	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.323	98	130526	22.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	10.579	79	16878	21.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.680%
47) 2-Hexanone-d5	10.927	63	10560	43.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28339	21.719	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.880%
66) 1,2-Dichlorobenzene-d4	13.847	152	48738	21.469	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	17589	30.088	ug/L	100
3) Chloromethane	2.209	50	36895	24.435	ug/L	98
5) Vinyl chloride	2.361	62	52168	23.426	ug/L	100
6) Bromomethane	2.776	94	37665	25.994	ug/L	90
8) Chloroethane	2.916	64	26569	25.037	ug/L	99
9) Trichlorofluoromethane	3.257	101	29383	21.930	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	36216	22.193	ug/L	90
12) 1,1-Dichloroethene	4.044	96	32829	22.493	ug/L	81
13) Acetone	4.135	43	10156	42.060	ug/L	92
14) Carbon disulfide	4.385	76	99060	23.455	ug/L	100
15) Methyl Acetate	4.672	43	10730	23.290	ug/L	# 90
16) Methylene chloride	4.922	84	34359	19.523	ug/L	77
17) trans-1,2-Dichloroethene	5.428	96	34991	22.695	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	51333	23.910	ug/L	94
19) 1,1-Dichloroethane	6.214	63	56012	23.286	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37830	23.637	ug/L	74
22) 2-Butanone	7.177	43	14930	45.482	ug/L	83
23) Bromochloromethane	7.519	128	17819	23.033	ug/L	# 63
25) Chloroform	7.677	83	64322	23.181	ug/L	98

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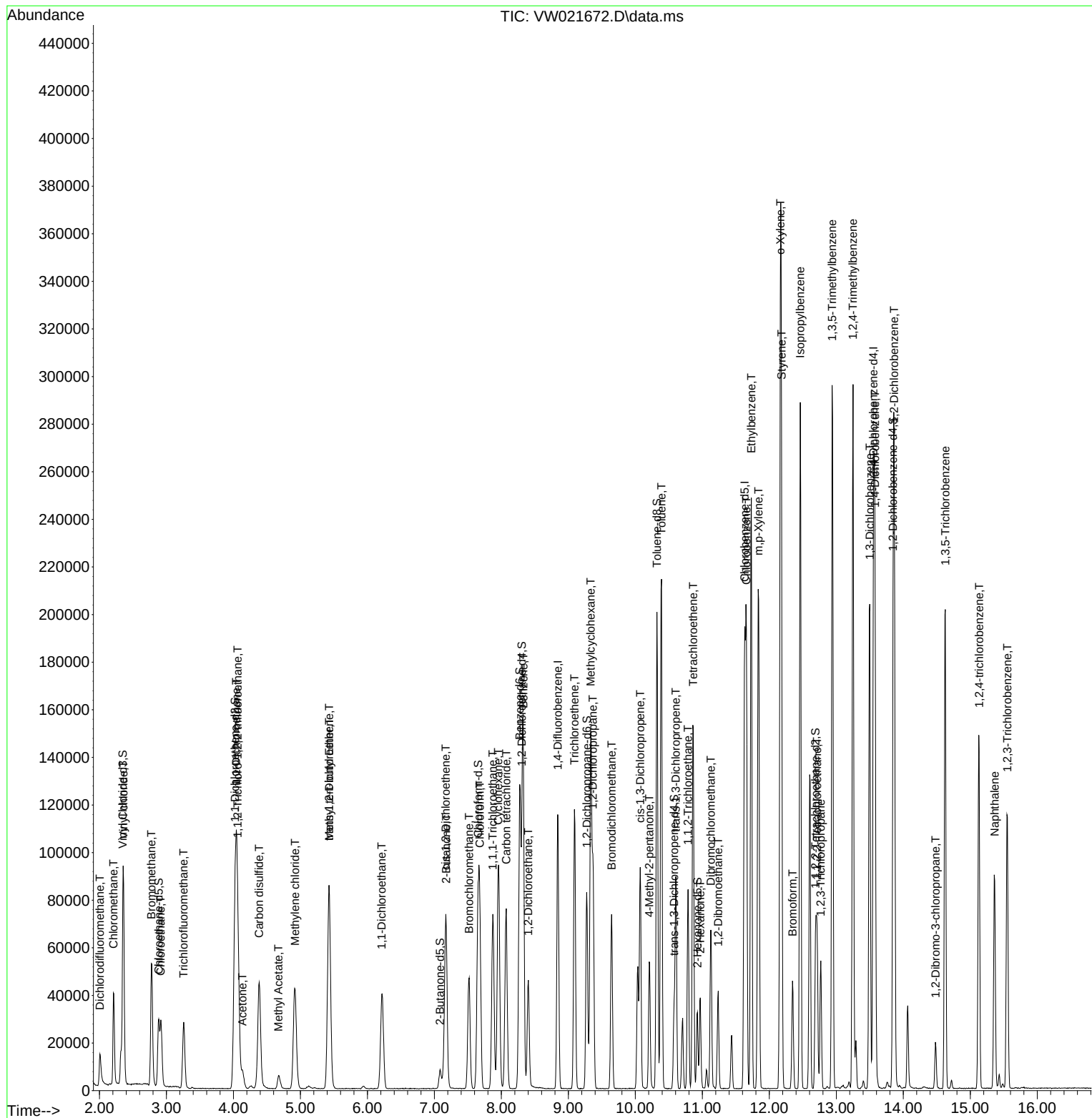
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	41224	22.905	ug/L	97
29) Cyclohexane	7.951	56	51090	22.485	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	59182	22.829	ug/L	95
31) Carbon tetrachloride	8.073	117	56338	22.348	ug/L	99
33) Benzene	8.329	78	134478	22.431	ug/L	100
34) Trichloroethene	9.091	95	37644	22.119	ug/L	95
35) Methylcyclohexane	9.335	83	62939	22.415	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	30234	22.756	ug/L #	96
38) Bromodichloromethane	9.646	83	46578	22.968	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	51535	23.740	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	33174	45.325	ug/L #	91
42) Toluene	10.390	91	155667	22.494	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45572	23.365	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	25463	23.074	ug/L	92
46) Tetrachloroethene	10.866	164	36678	23.014	ug/L	89
48) 2-Hexanone	10.969	43	23525	47.329	ug/L #	92
49) Dibromochloromethane	11.128	129	35183	23.728	ug/L	96
50) 1,2-Dibromoethane	11.237	107	25375	22.894	ug/L #	97
51) Chlorobenzene	11.658	112	103198	23.111	ug/L	90
52) Ethylbenzene	11.731	91	172994	22.269	ug/L	94
53) m,p-Xylene	11.841	106	70383	22.611	ug/L	81
54) o-Xylene	12.164	106	66769	22.632	ug/L	99
55) Styrene	12.182	104	115720	22.839	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	27918	22.870	ug/L #	99
59) Bromoform	12.347	173	20582	23.756	ug/L	99
60) Isopropylbenzene	12.463	105	184381	22.281	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20163	22.196	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	157356	22.492	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	154433	22.222	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	84808	21.706	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	84780	21.762	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	73655	21.592	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4631	23.152	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	63484	22.118	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	48521	21.179	ug/L	97
71) Naphthalene	15.365	128	78879	21.161	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	41167	21.346	ug/L	97

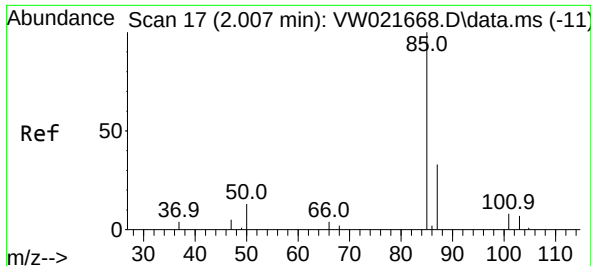
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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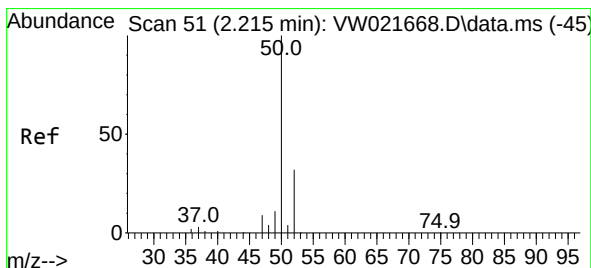
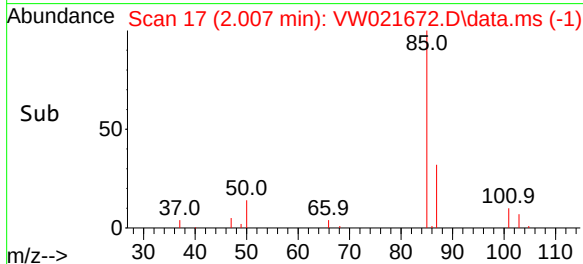
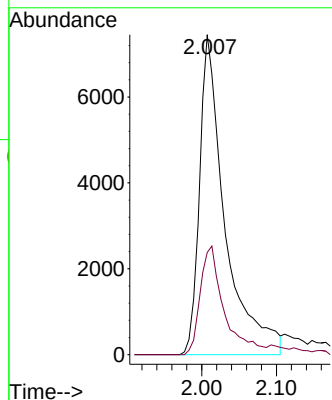
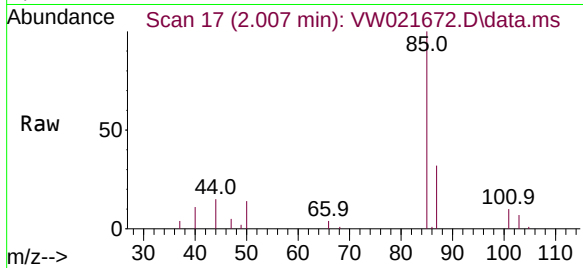




#2
 Dichlorodifluoromethane
 Concen: 30.088 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

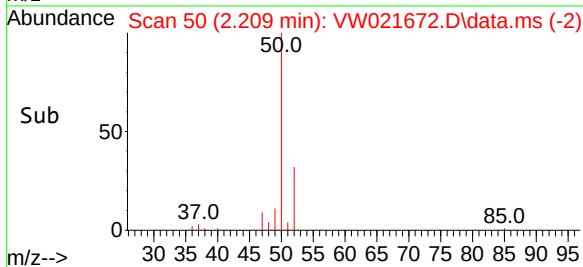
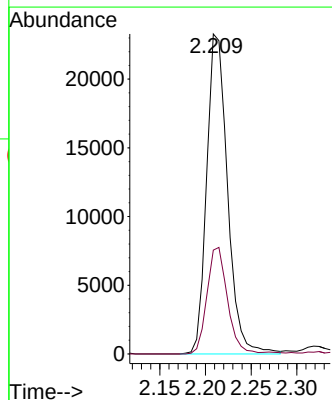
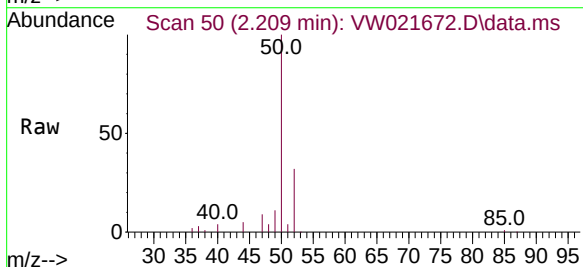
Instrument :
 MSVOA_W
 ClientSampleId :

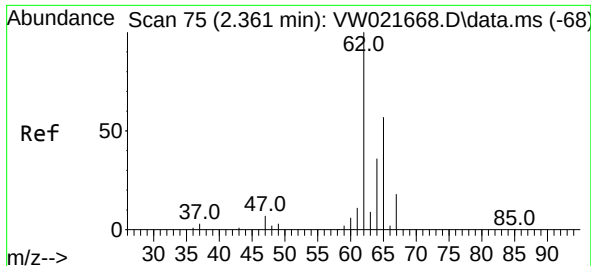
Tgt Ion: 85 Resp: 17589
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 24.435 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

Tgt Ion: 50 Resp: 36895
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.6





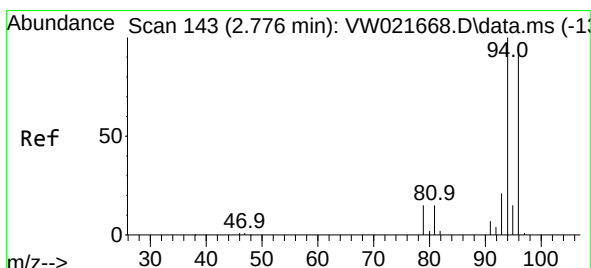
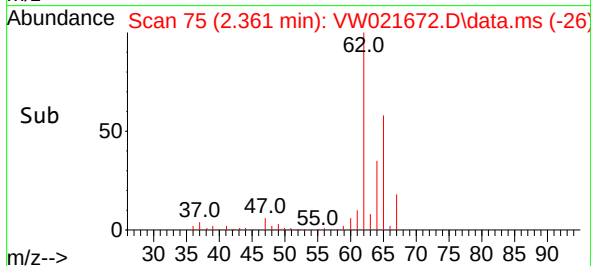
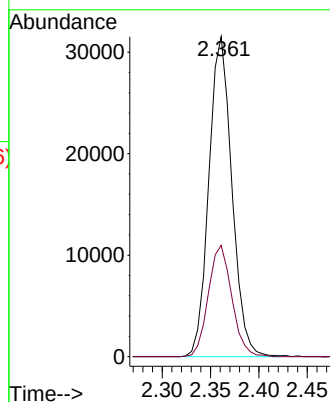
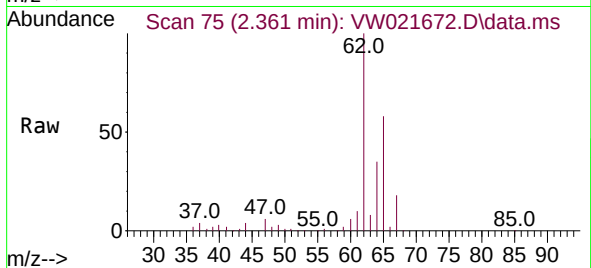
#5
 Vinyl chloride
 Concen: 23.426 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

Instrument :

MSVOA_W

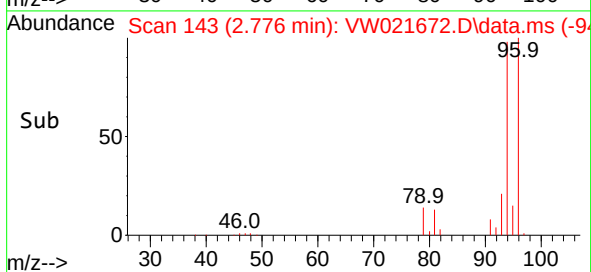
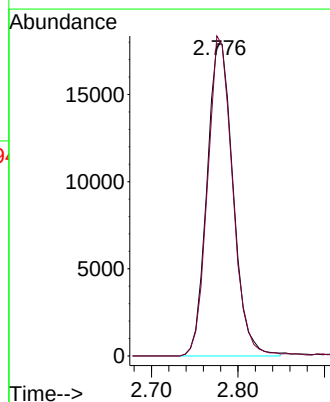
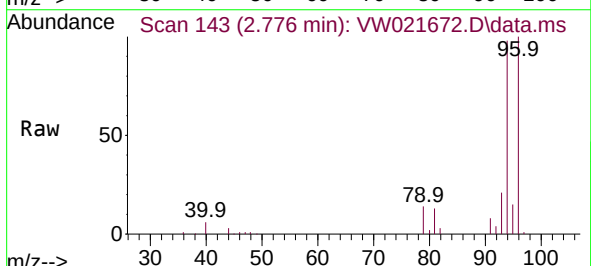
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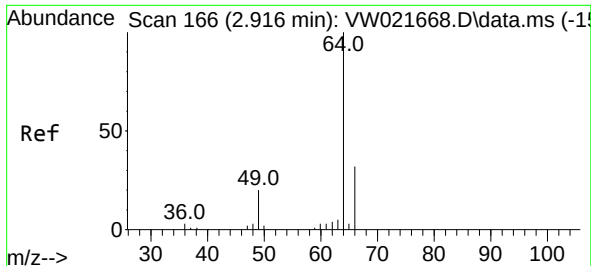
Tgt Ion: 62 Resp: 52168
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.4 45.2



#6
 Bromomethane
 Concen: 25.994 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

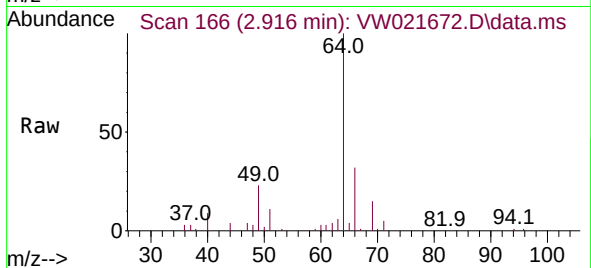
Tgt Ion: 94 Resp: 37665
 Ion Ratio Lower Upper
 94 100
 96 102.5 64.8 120.4



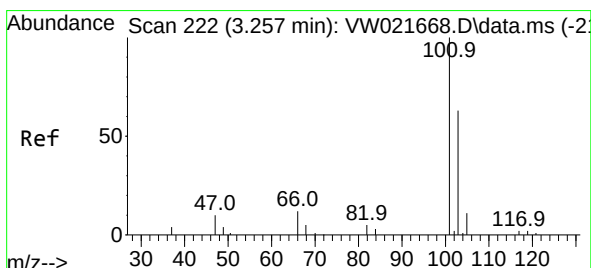
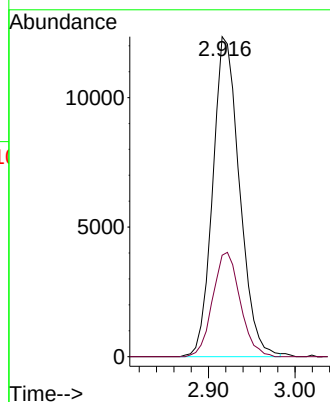
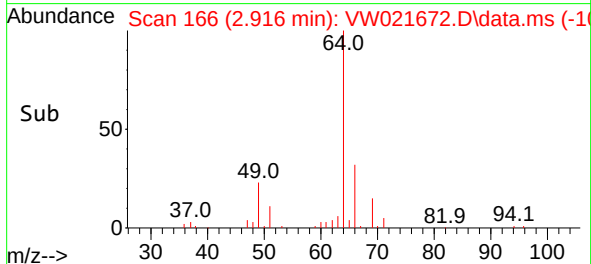


#8
Chloroethane
Concen: 25.037 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Instrument :
MSVOA_W
ClientSampleId :

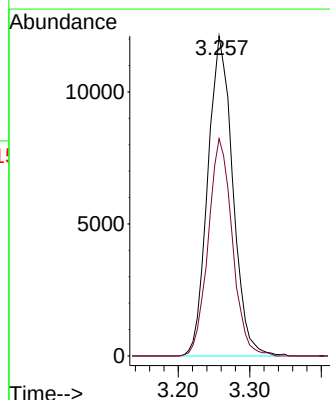
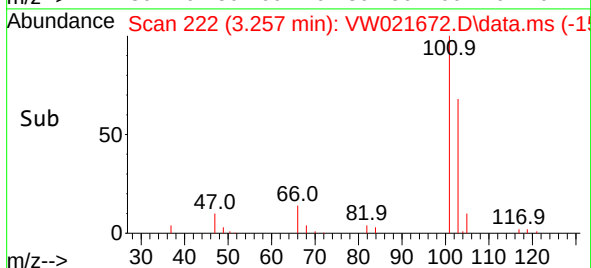
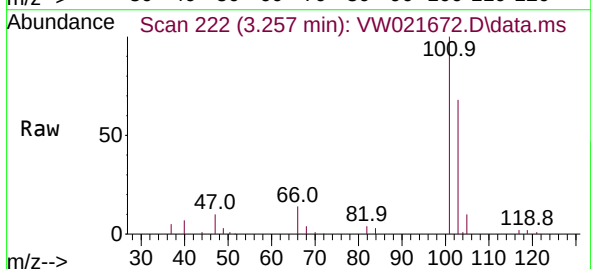


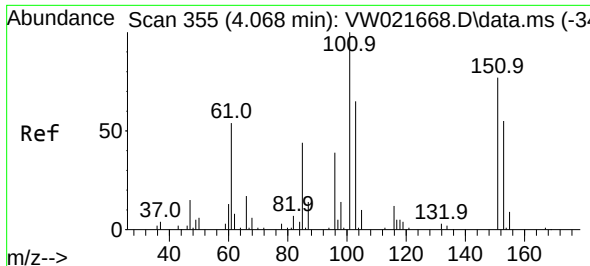
Tgt Ion: 64 Resp: 26569
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.930 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 101 Resp: 29383
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

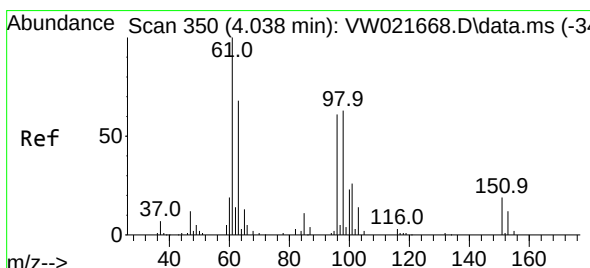
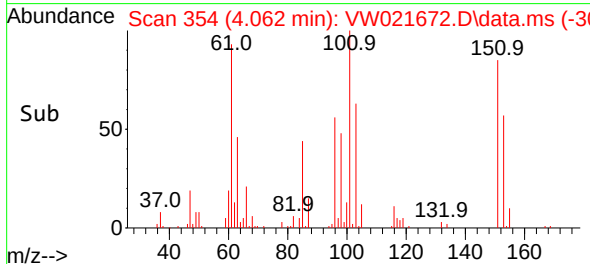
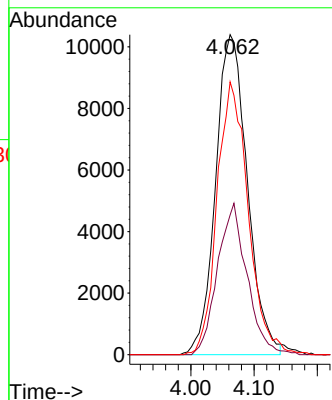
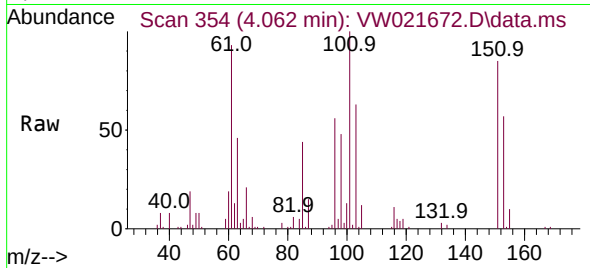




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.193 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

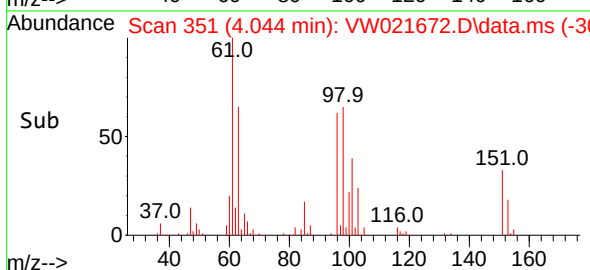
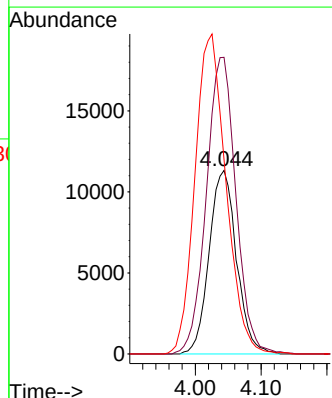
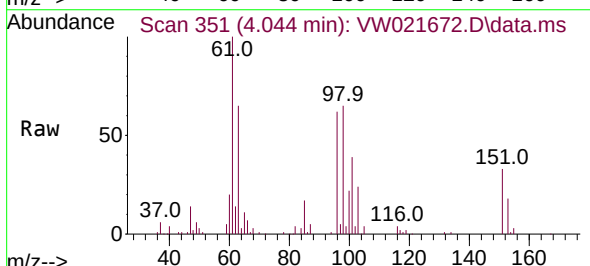
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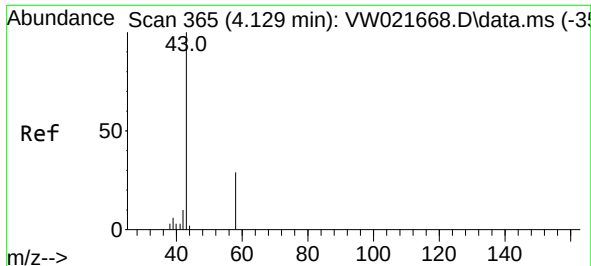
Tgt Ion:101 Resp: 36216
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.6 54.8
 151 83.5 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.493 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

Tgt Ion: 96 Resp: 32829
 Ion Ratio Lower Upper
 96 100
 61 161.7 138.3 256.9
 63 105.9 82.6 153.4





#13

Acetone

Concen: 42.060 ug/L

RT: 4.135 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

Instrument :

MSVOA_W

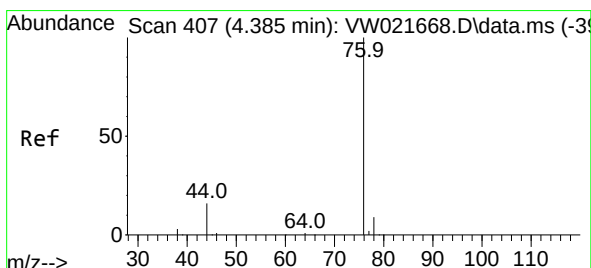
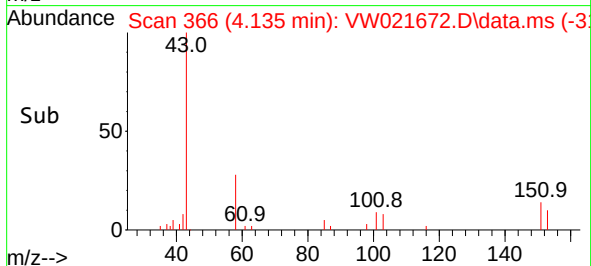
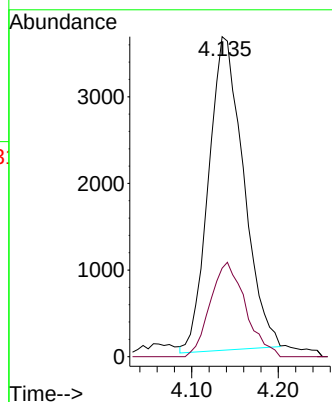
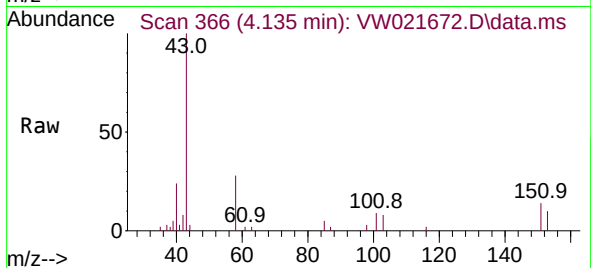
ClientSampleId :

Tgt Ion: 43 Resp: 10156

Ion Ratio Lower Upper

43 100

58 30.3 0.0 52.8



#14

Carbon disulfide

Concen: 23.455 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW021672.D

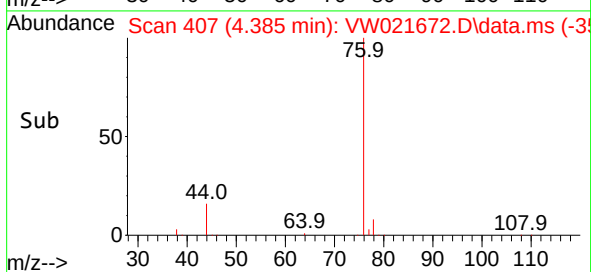
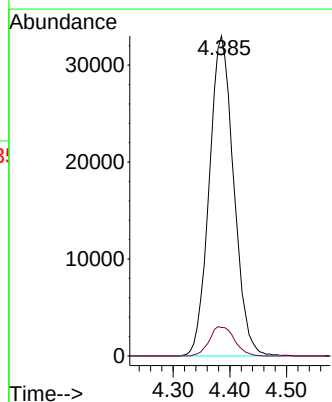
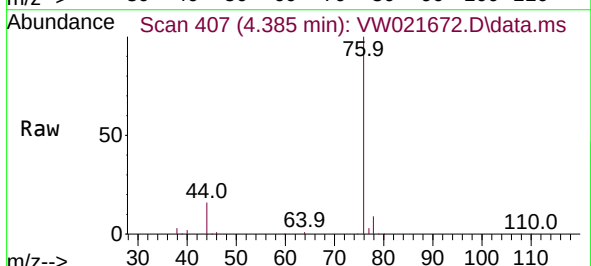
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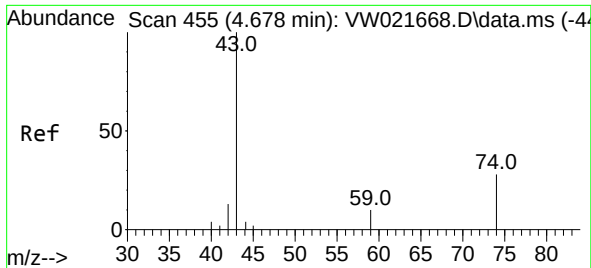
Tgt Ion: 76 Resp: 99060

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

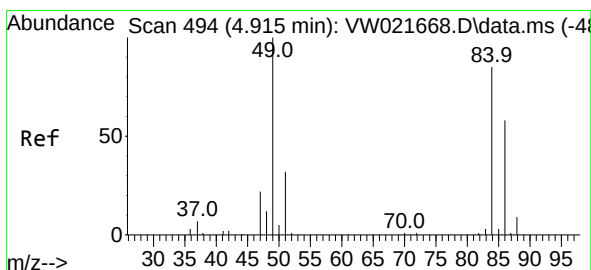
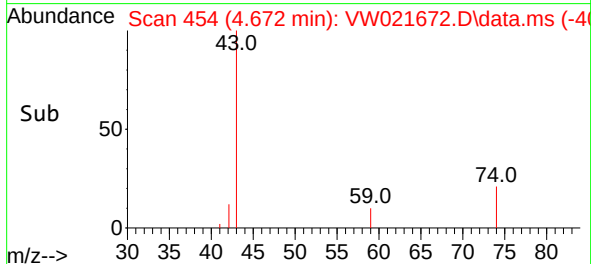
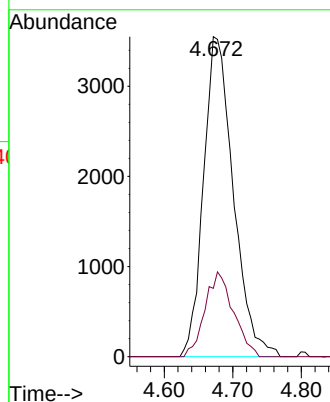
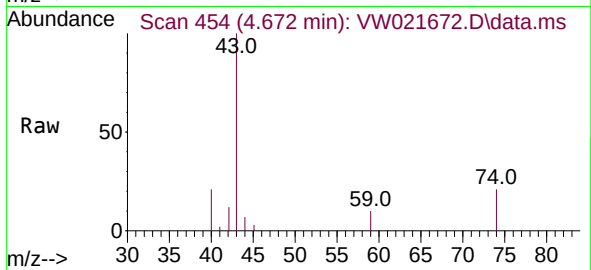




#15
Methyl Acetate
Concen: 23.290 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

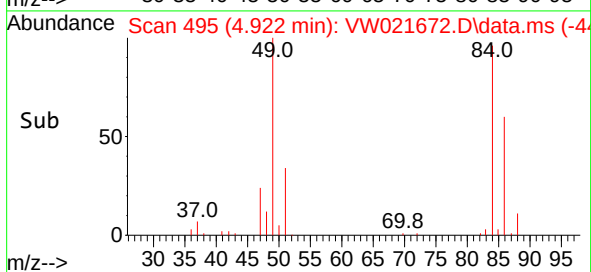
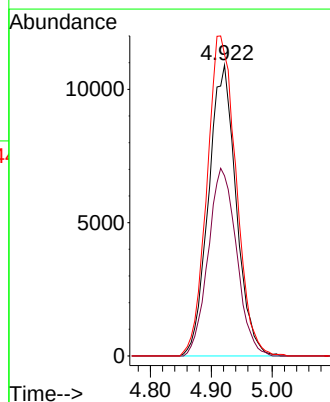
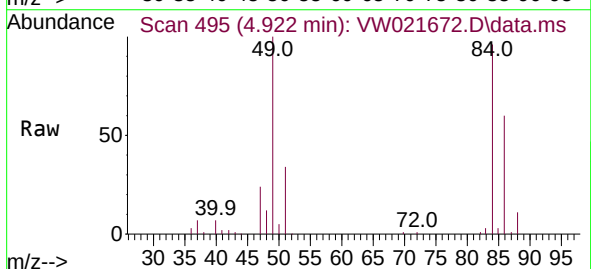
Instrument :
MSVOA_W
ClientSampleId :

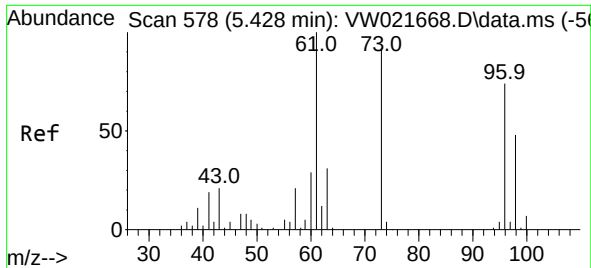
Tgt Ion: 43 Resp: 10730
Ion Ratio Lower Upper
43 100
74 25.3 16.4 24.6#



#16
Methylene chloride
Concen: 19.523 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 84 Resp: 34359
Ion Ratio Lower Upper
84 100
86 61.9 45.5 84.5
49 103.6 100.5 186.7

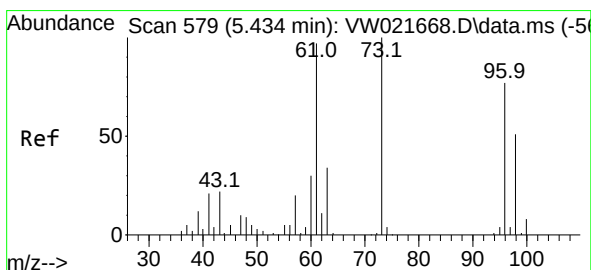
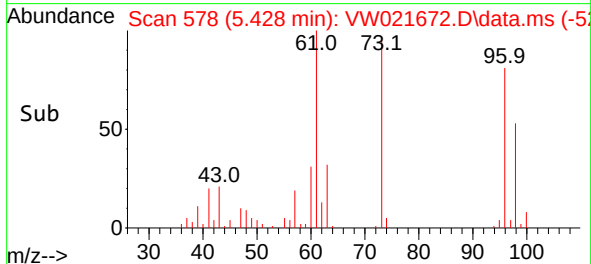
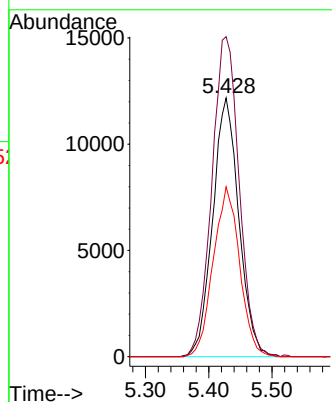
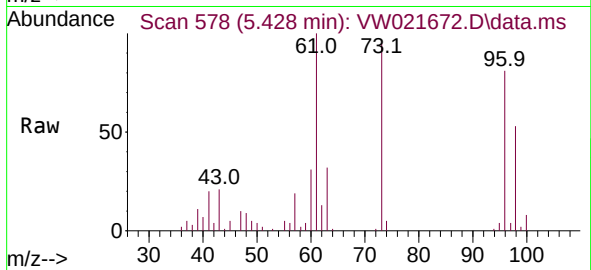




#17
trans-1,2-Dichloroethene
Concen: 22.695 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

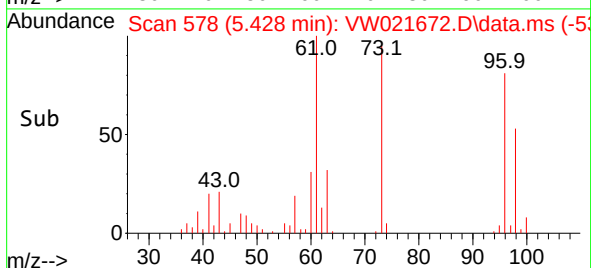
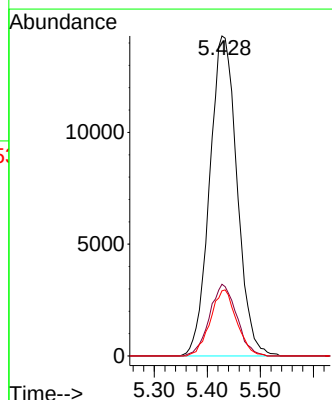
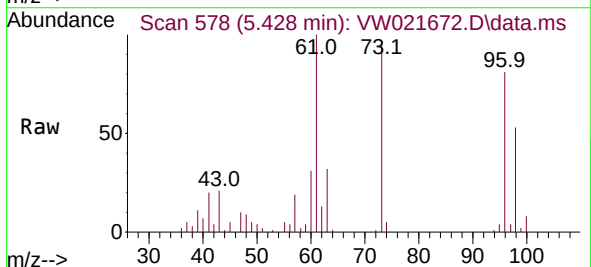
Instrument :
MSVOA_W
ClientSampleId :

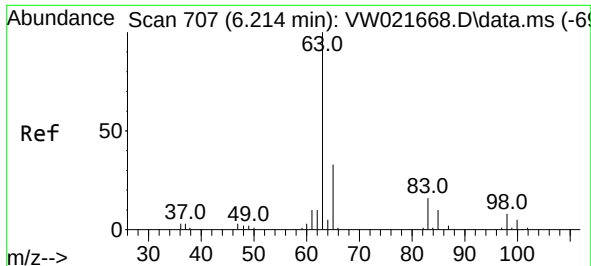
Tgt Ion: 96 Resp: 34991
Ion Ratio Lower Upper
96 100
61 123.7 107.4 199.4
98 65.7 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.910 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 73 Resp: 51333
Ion Ratio Lower Upper
73 100
43 22.3 19.5 29.3
57 19.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.286 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021672.D

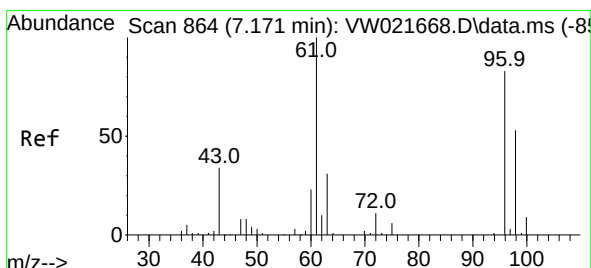
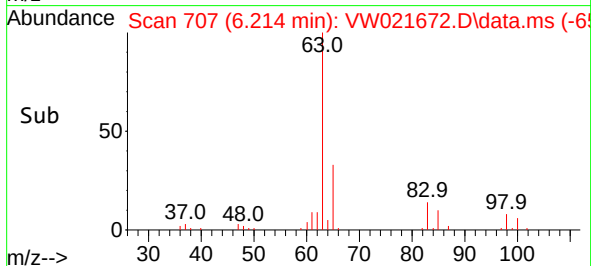
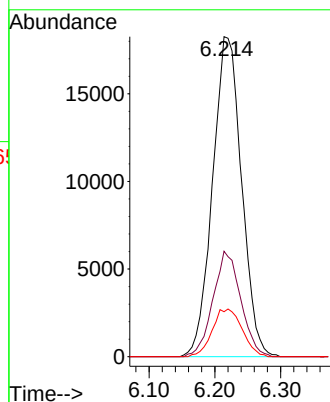
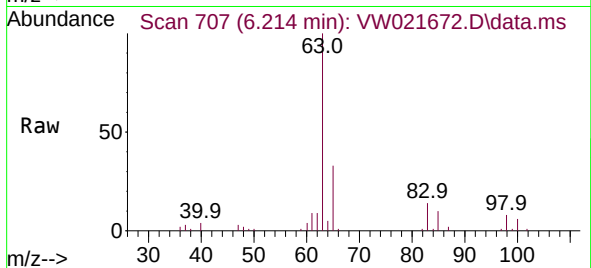
Acq: 28 Dec 2021 13:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 56012
Ion Ratio	Lower Upper
63 100	
65 33.0	22.1 41.1
83 14.0	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.637 ug/L

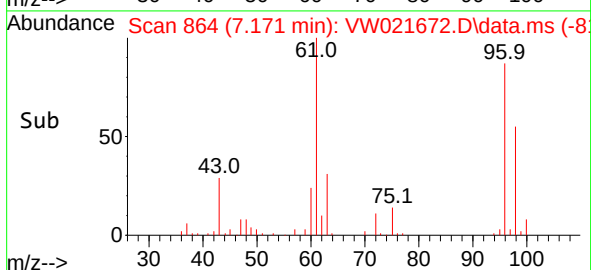
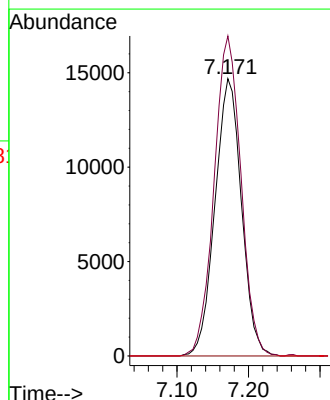
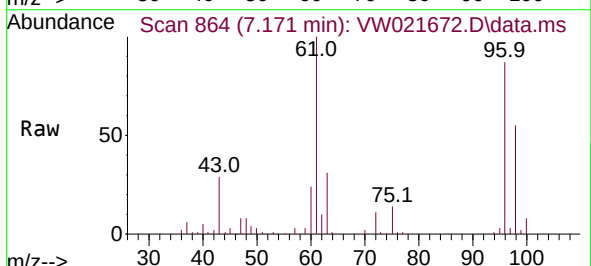
RT: 7.171 min Scan# 864

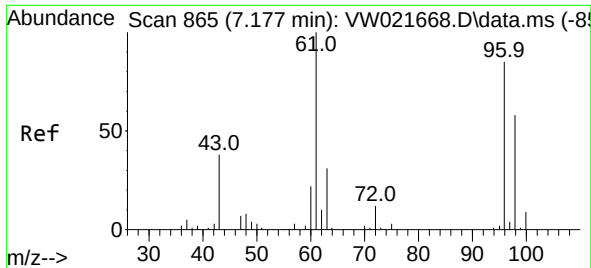
Delta R.T. -0.000 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

Tgt Ion: 96	Resp: 37830
Ion Ratio	Lower Upper
96 100	
61 115.4	103.7 192.7
68 0.0	0.0 0.0

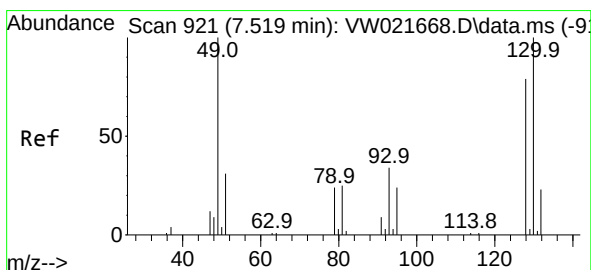
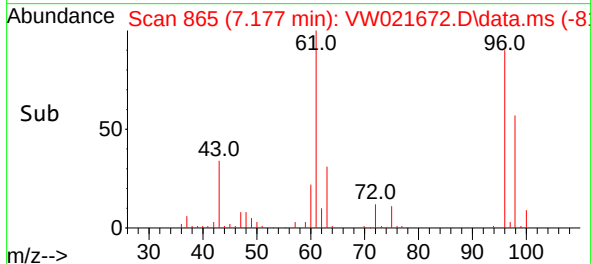
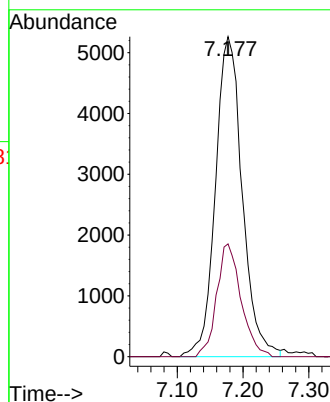
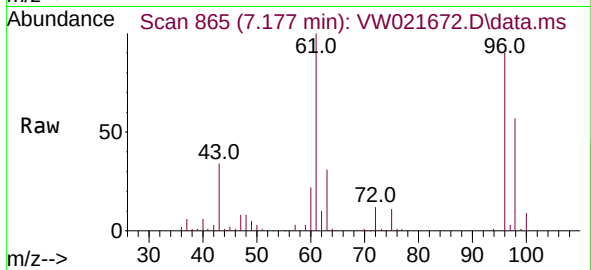




#22
2-Butanone
Concen: 45.482 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

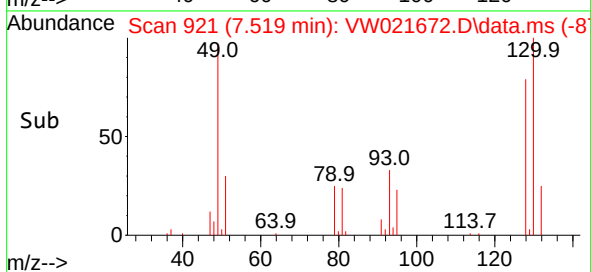
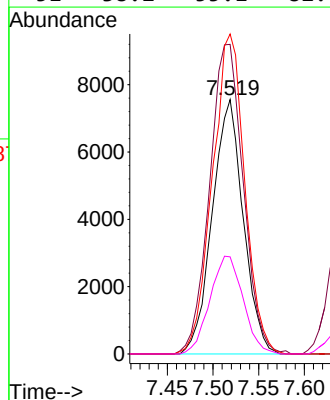
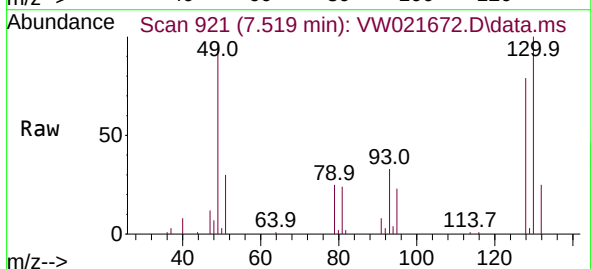
Instrument :
MSVOA_W
ClientSampleId :

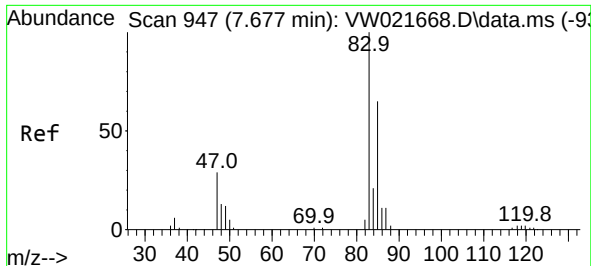
Tgt Ion: 43 Resp: 14930
Ion Ratio Lower Upper
43 100
72 32.0 11.8 35.4



#23
Bromochloromethane
Concen: 23.033 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 128 Resp: 17819
Ion Ratio Lower Upper
128 100
49 121.7 150.3 279.1#
130 125.8 88.3 163.9
51 38.2 55.1 82.7#

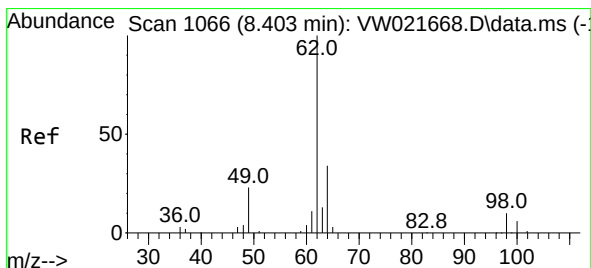
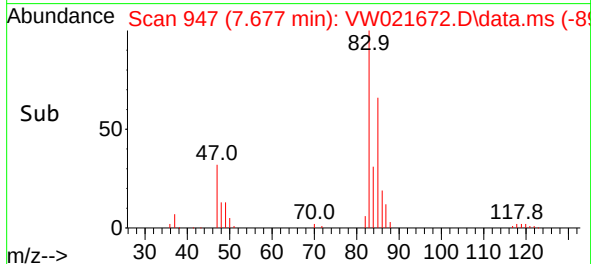
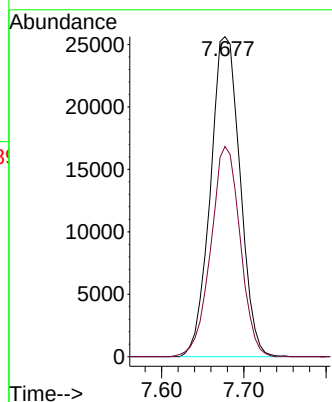
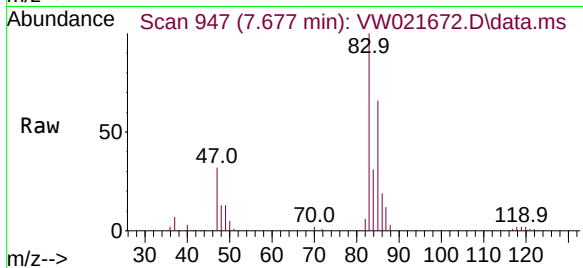




#25
Chloroform
Concen: 23.181 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

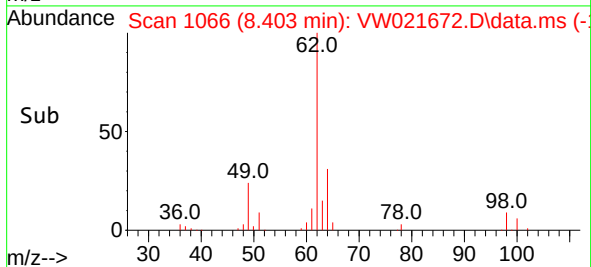
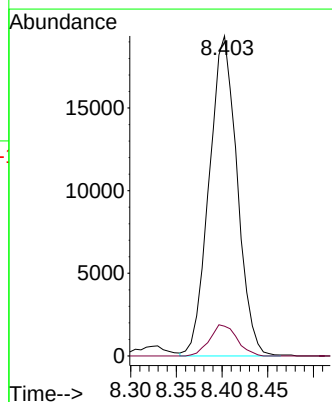
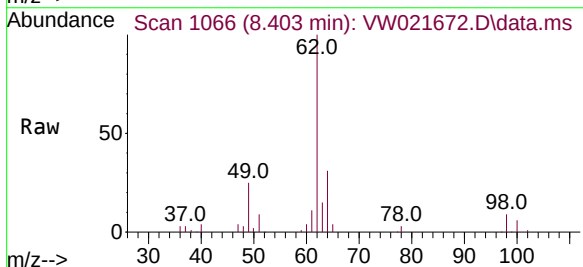
Instrument :
MSVOA_W
ClientSampleId :

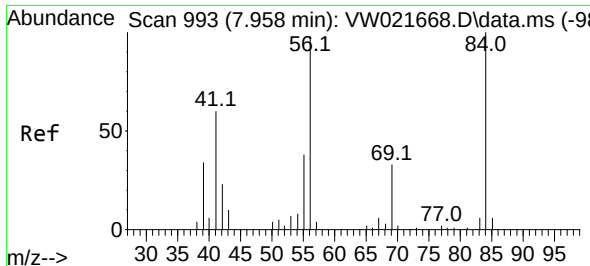
Tgt Ion: 83 Resp: 64322
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.905 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

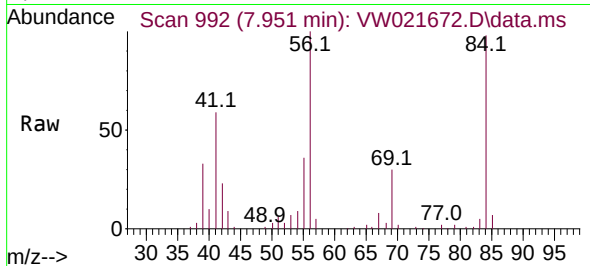
Tgt Ion: 62 Resp: 41224
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7



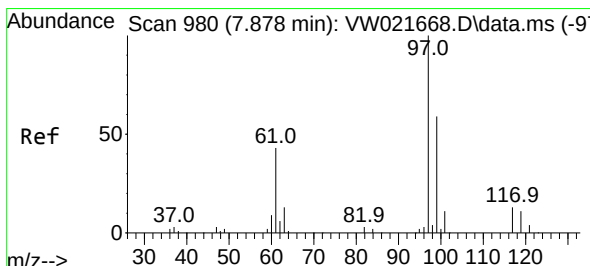
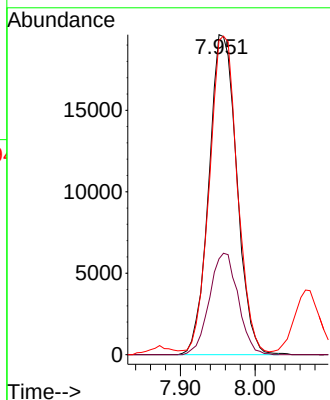
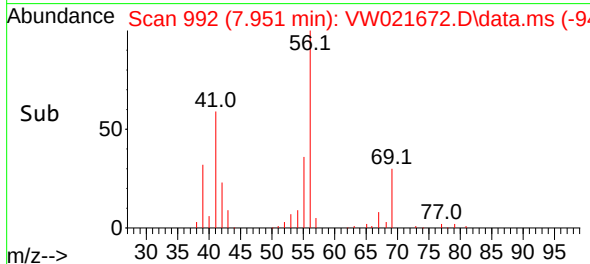


#29
Cyclohexane
Concen: 22.485 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Instrument :
MSVOA_W
ClientSampleId :

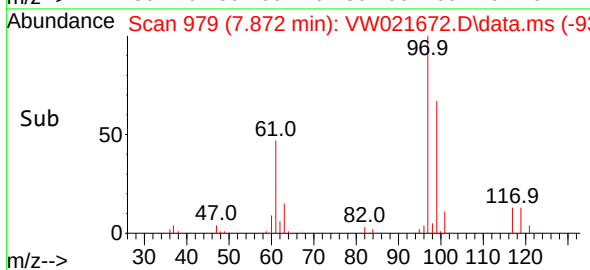
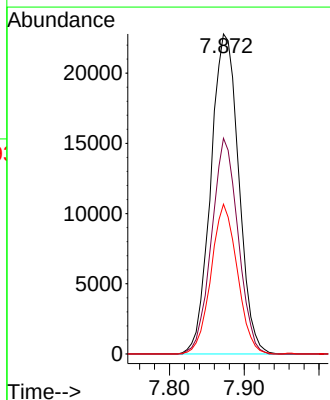
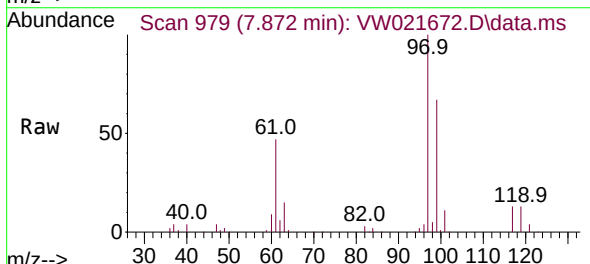


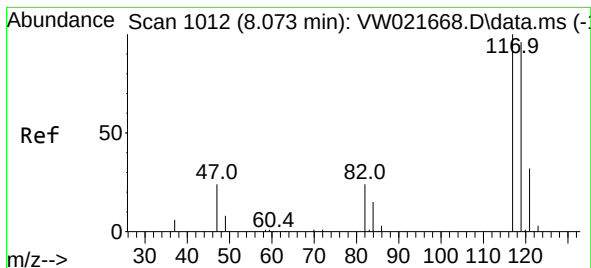
Tgt Ion: 56 Resp: 51090
Ion Ratio Lower Upper
56 100
69 32.4 23.5 35.3
84 99.8 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 22.829 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 97 Resp: 59182
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 44.0 40.9 61.3

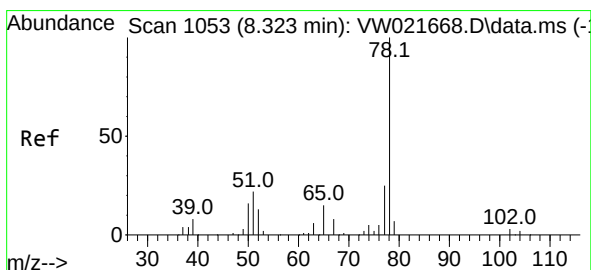
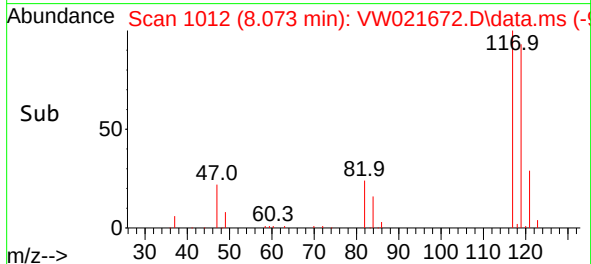
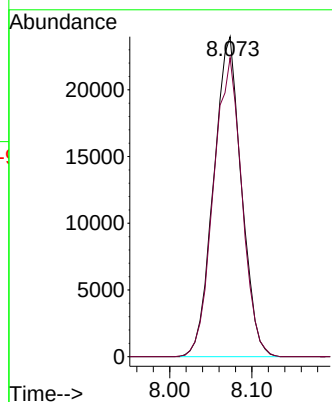
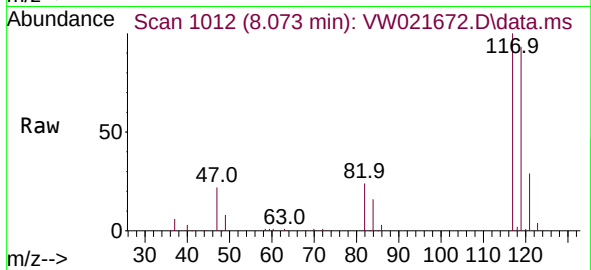




#31
Carbon tetrachloride
Concen: 22.348 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

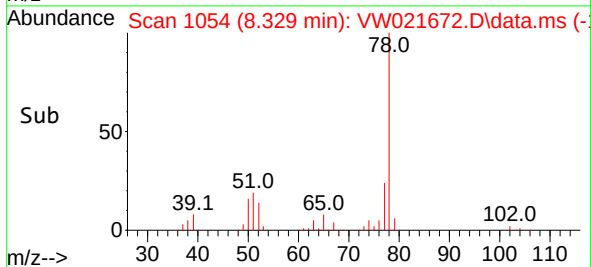
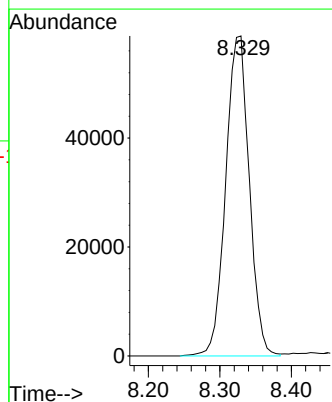
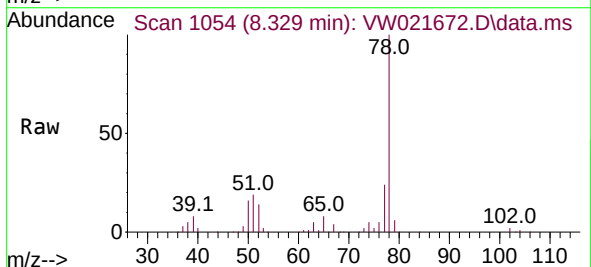
Instrument :
MSVOA_W
ClientSampleId :

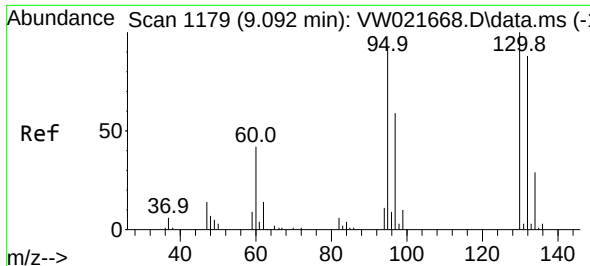
Tgt Ion:117 Resp: 56338
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 22.431 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

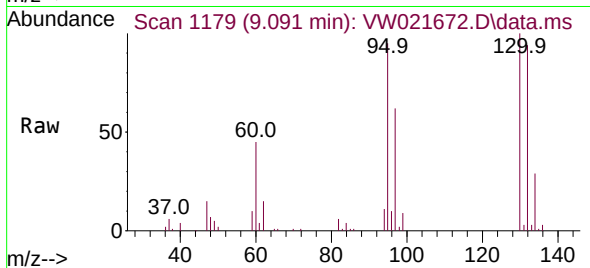
Tgt Ion: 78 Resp: 134478



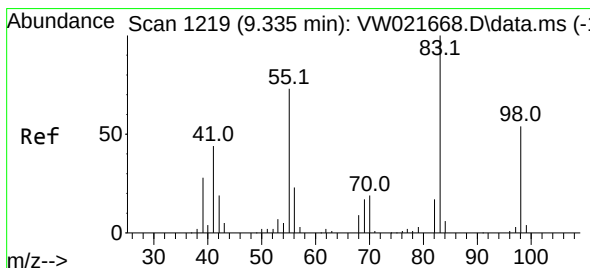
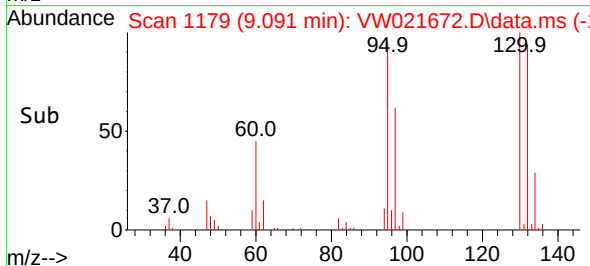
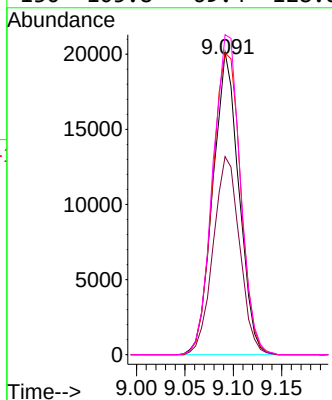


#34
Trichloroethene
Concen: 22.119 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Instrument :
MSVOA_W
ClientSampleId :

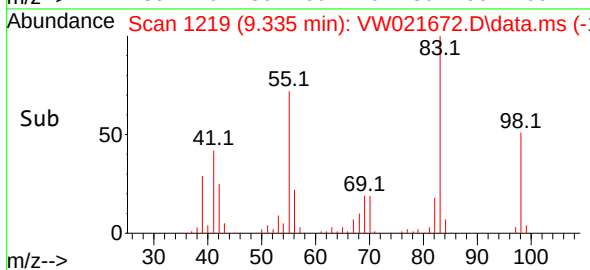
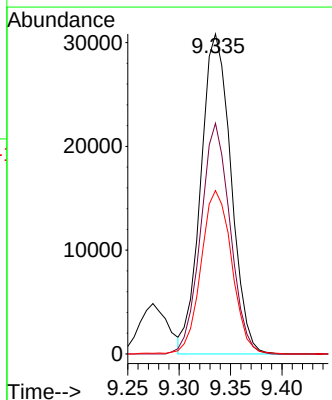
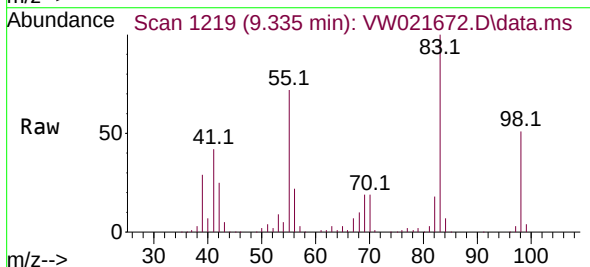


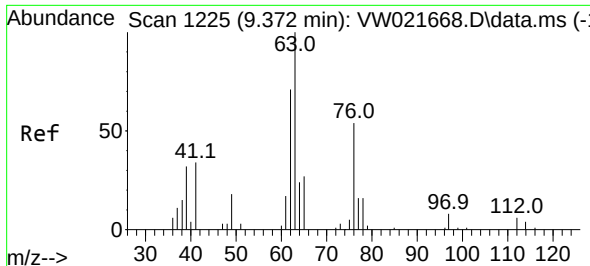
Tgt Ion: 95 Resp: 37644
Ion Ratio Lower Upper
95 100
97 65.5 47.0 87.2
132 99.7 65.5 121.6
130 105.8 69.4 128.8



#35
Methylcyclohexane
Concen: 22.415 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 83 Resp: 62939
Ion Ratio Lower Upper
83 100
55 70.2 70.8 106.2#
98 51.9 37.7 56.5





#37

1,2-Dichloropropane

Concen: 22.756 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

Instrument :

MSVOA_W

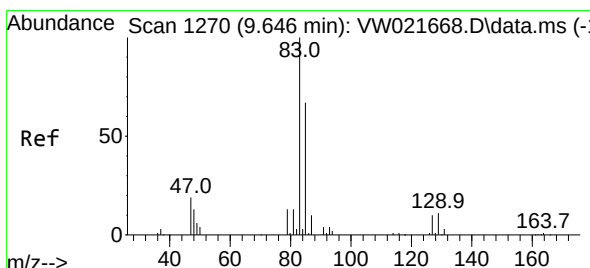
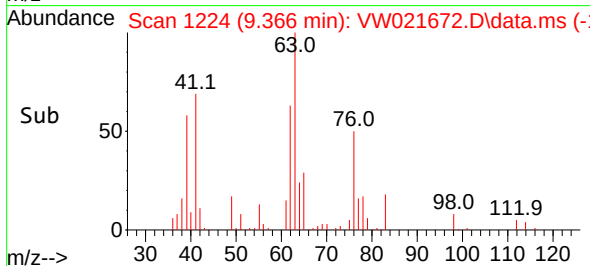
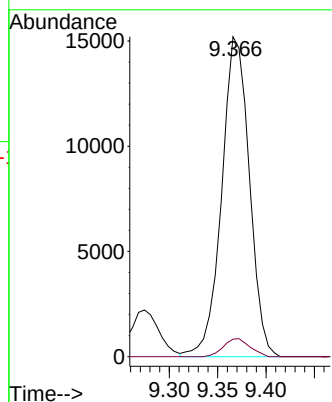
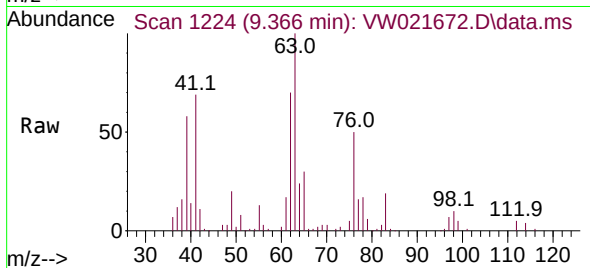
ClientSampleId :

Tgt Ion: 63 Resp: 30234

Ion Ratio Lower Upper

63 100

112 5.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.968 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

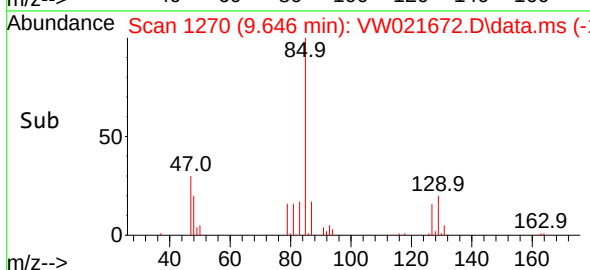
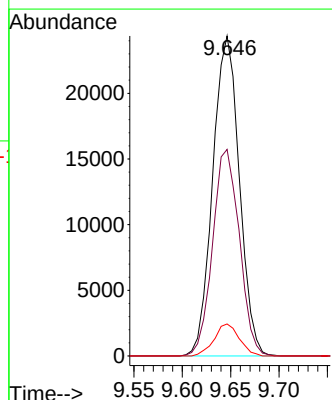
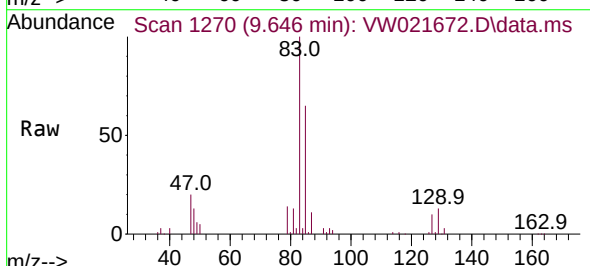
Tgt Ion: 83 Resp: 46578

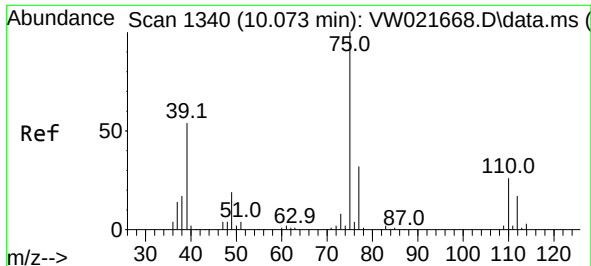
Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

127 10.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.740 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

Instrument :

MSVOA_W

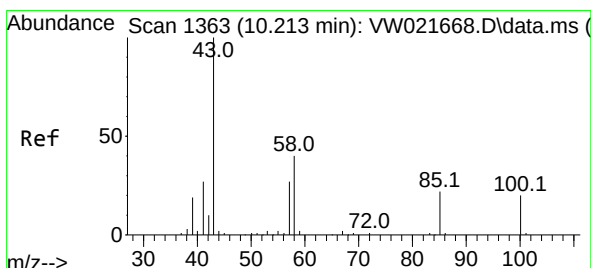
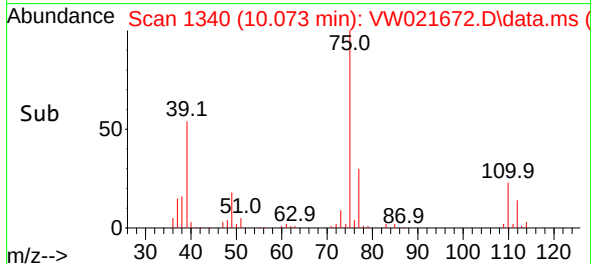
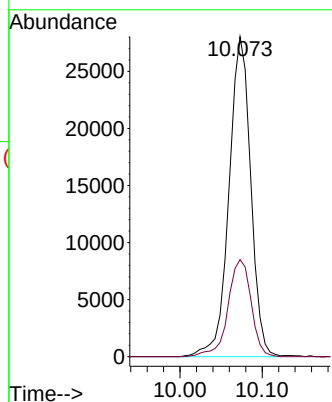
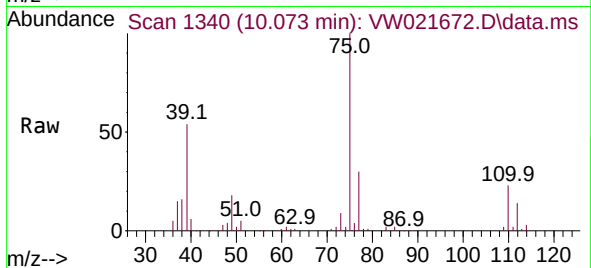
ClientSampleId :

Tgt Ion: 75 Resp: 51535

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 45.325 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

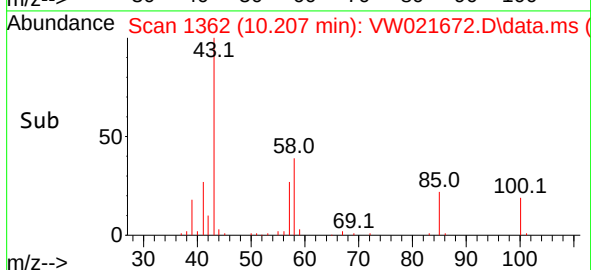
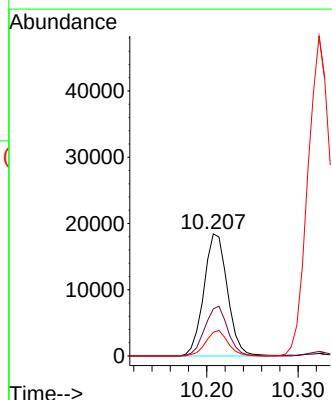
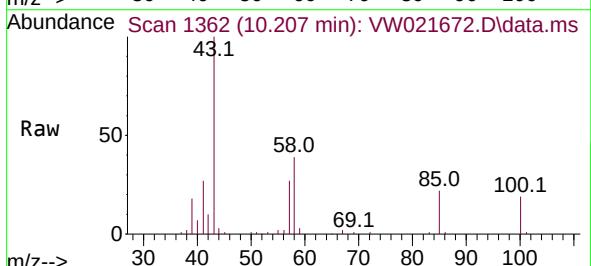
Tgt Ion: 43 Resp: 33174

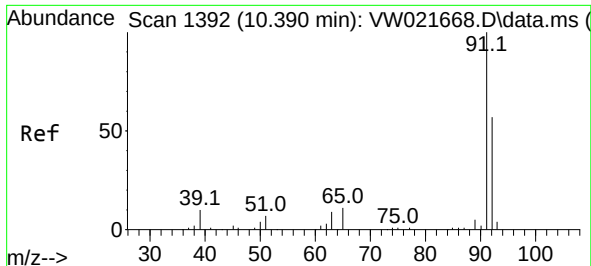
Ion Ratio Lower Upper

43 100

58 39.6 28.8 43.2

100 19.5 10.0 15.0

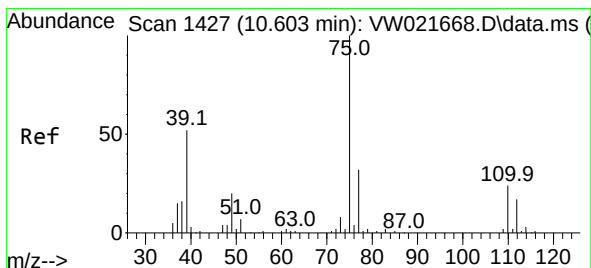
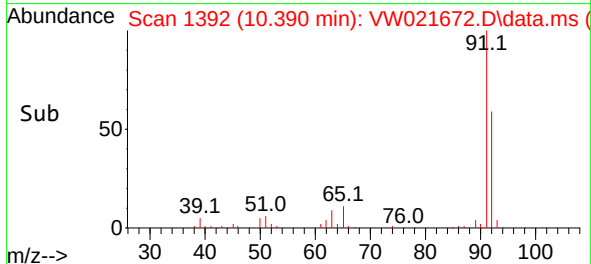
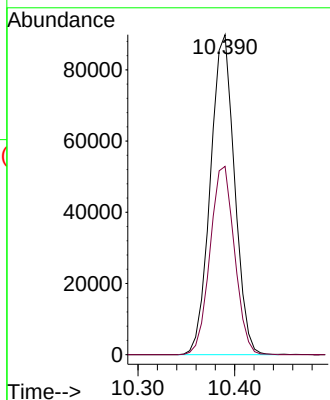
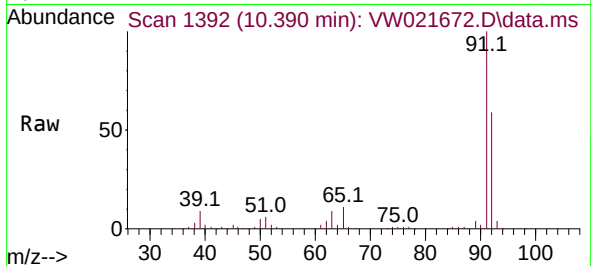




#42
Toluene
Concen: 22.494 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

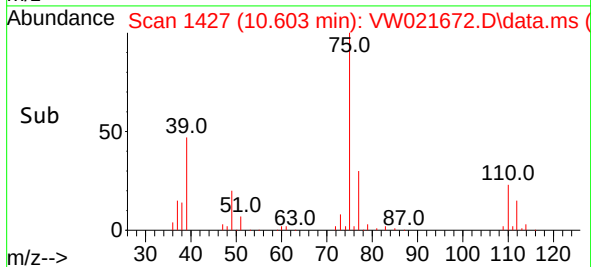
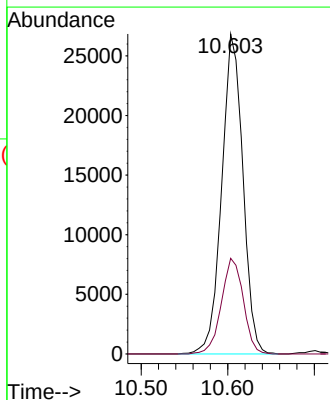
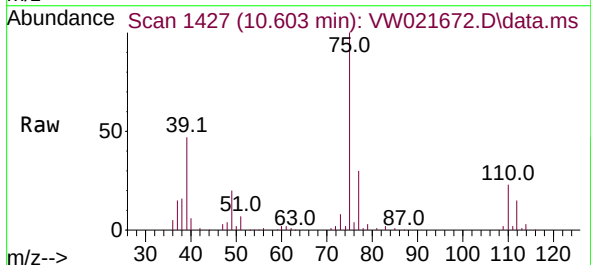
Instrument :
MSVOA_W
ClientSampleId :

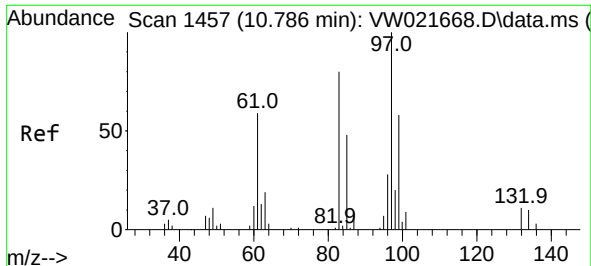
Tgt Ion: 91 Resp: 155667
Ion Ratio Lower Upper
91 100
92 58.9 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.365 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 75 Resp: 45572
Ion Ratio Lower Upper
75 100
77 29.9 22.2 41.2

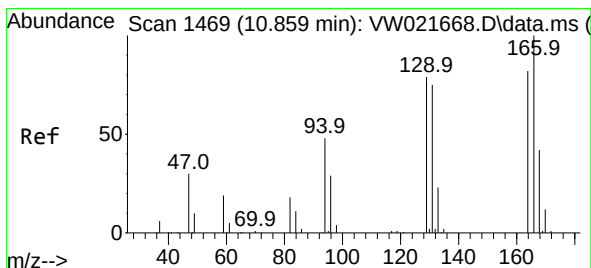
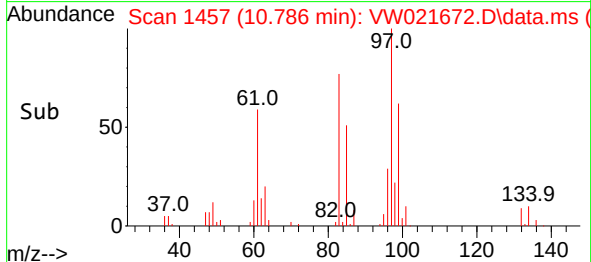
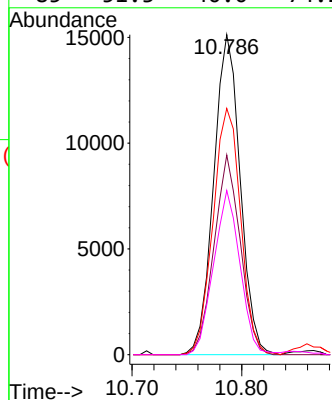
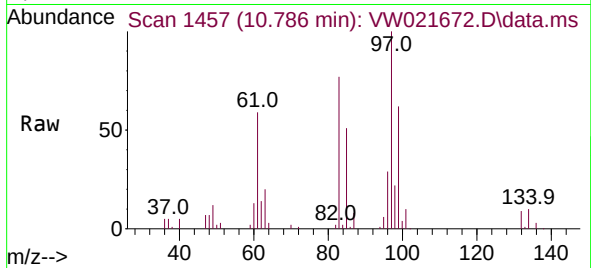




#45
1,1,2-Trichloroethane
Concen: 23.074 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

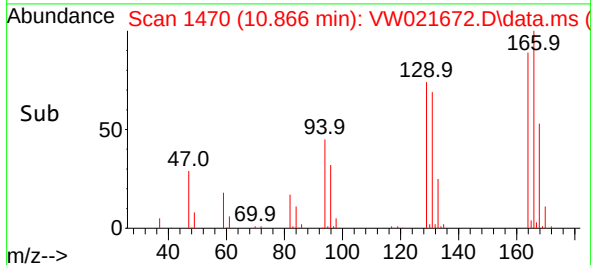
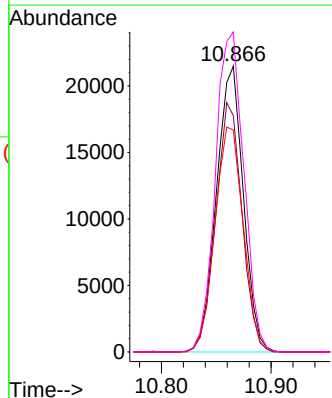
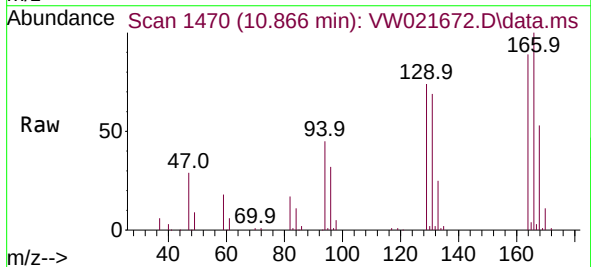
Instrument :
MSVOA_W
ClientSampleId :

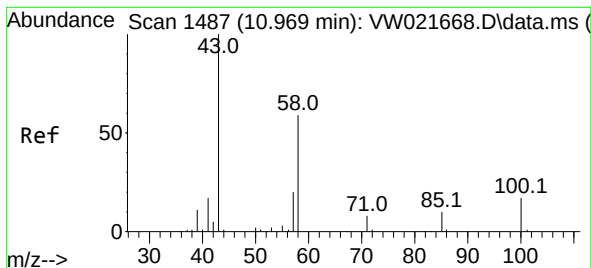
Tgt Ion: 97	Resp: 25463
Ion Ratio	Lower Upper
97 100	
99 62.4	43.0 79.8
83 77.0	62.6 116.3
85 51.3	40.0 74.2



#46
Tetrachloroethene
Concen: 23.014 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

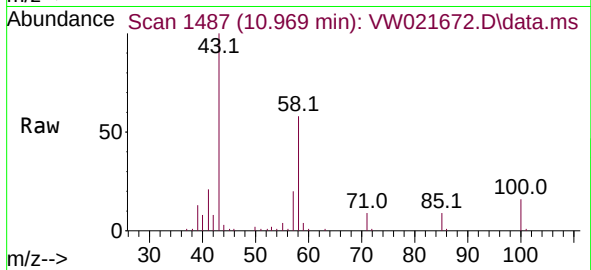
Tgt	Ion:164	Resp:	36678
Ion	Ratio	Lower	Upper
164	100		
129	82.7	65.5	121.7
131	77.7	59.7	110.9
166	112.0	88.7	164.7



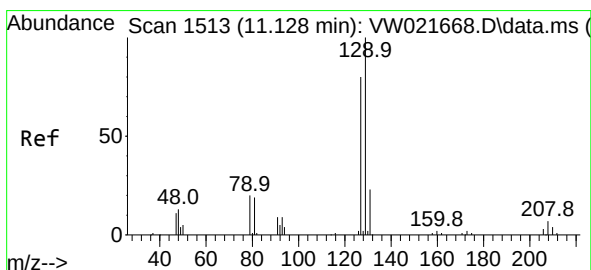
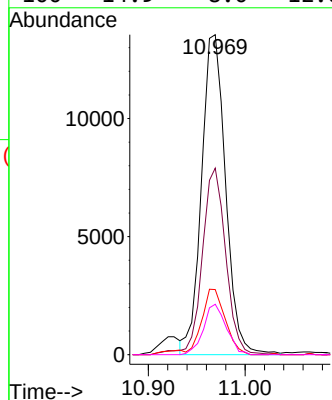
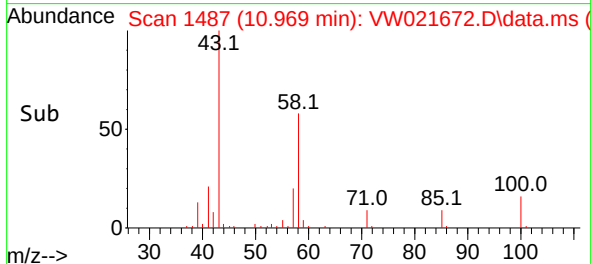


#48
2-Hexanone
Concen: 47.329 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Instrument :
MSVOA_W
ClientSampleId :

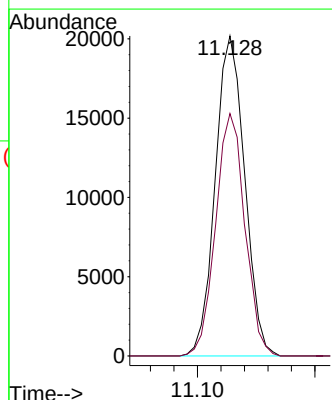
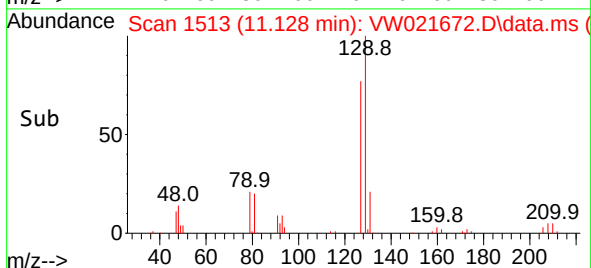
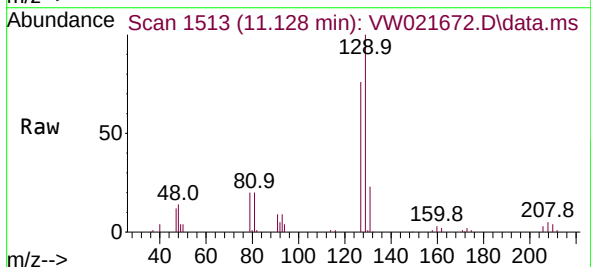


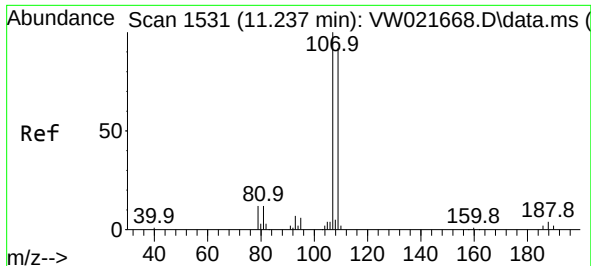
Tgt Ion: 43 Resp: 23525
Ion Ratio Lower Upper
43 100
58 55.8 40.2 60.2
57 19.7 14.3 21.5
100 14.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 23.728 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion:129 Resp: 35183
Ion Ratio Lower Upper
129 100
127 75.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.894 ug/L

RT: 11.237 min Scan# 1

Delta R.T. -0.000 min

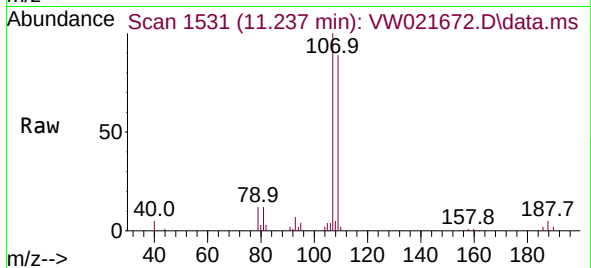
Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

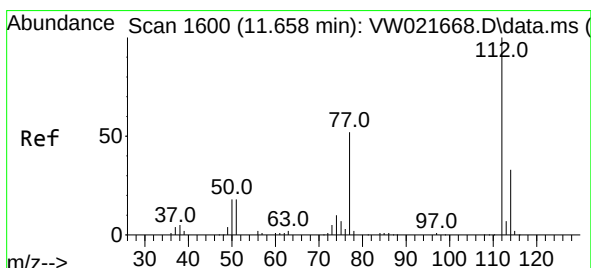
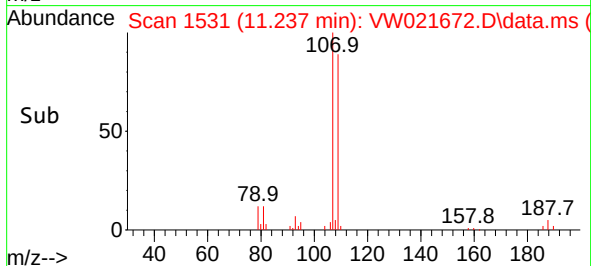
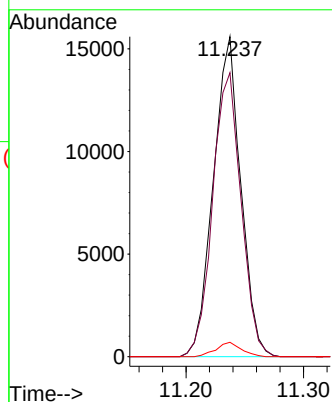
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	25375
Ion	Ratio	Lower	Upper
107	100		
109	88.8	64.1	119.1
188	4.5	2.6	3.8#



#51

Chlorobenzene

Concen: 23.111 ug/L

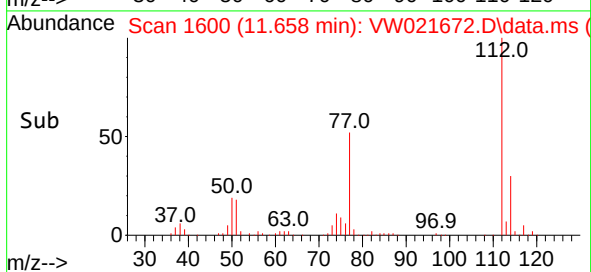
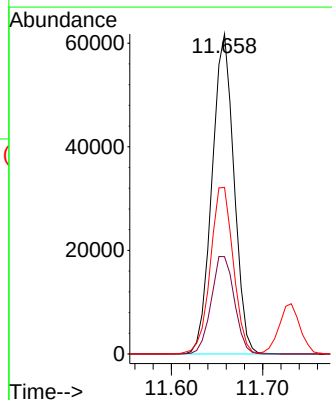
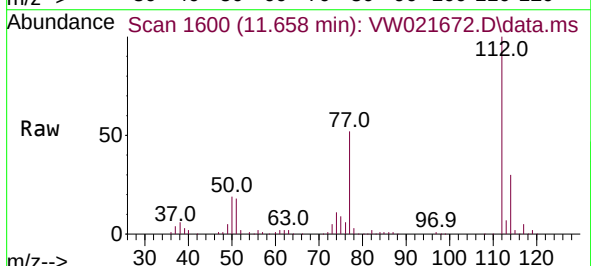
RT: 11.658 min Scan# 1600

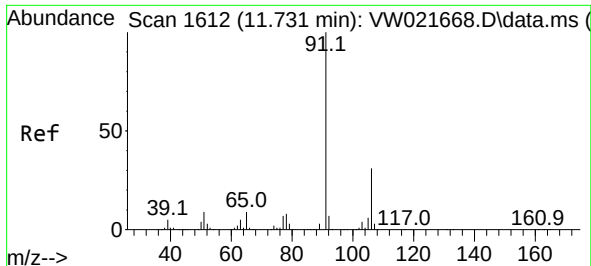
Delta R.T. -0.000 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

Tgt Ion:	112	Resp:	103198
Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.4	41.6
77	52.1	50.2	75.4

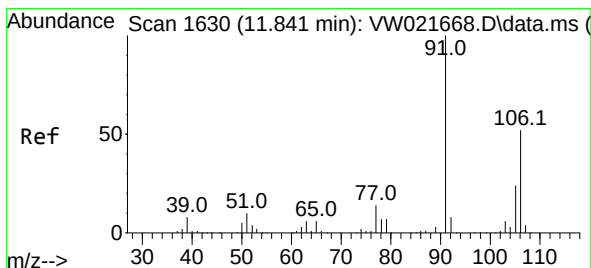
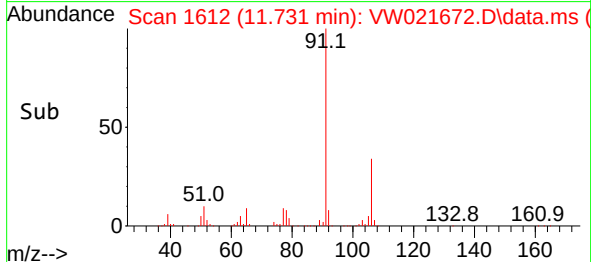
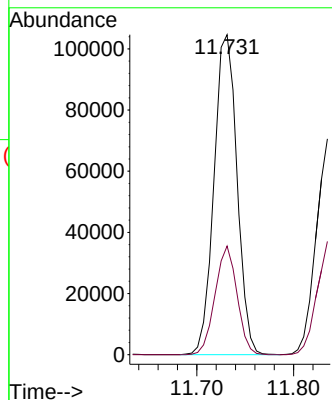
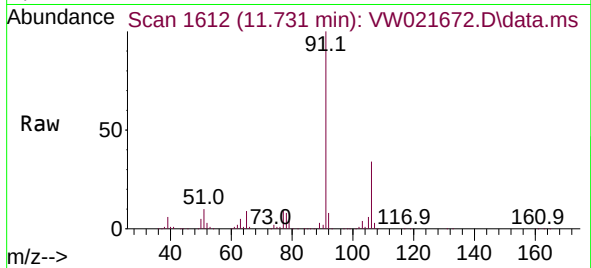




#52
Ethylbenzene
Concen: 22.269 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

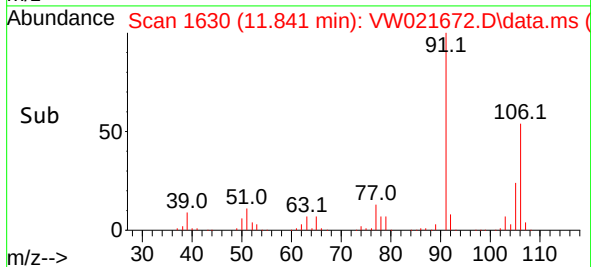
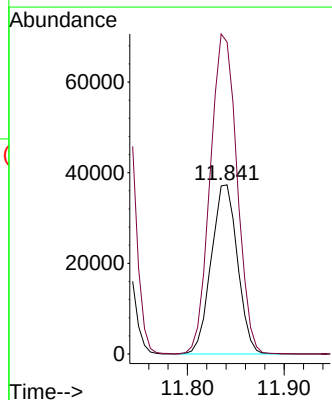
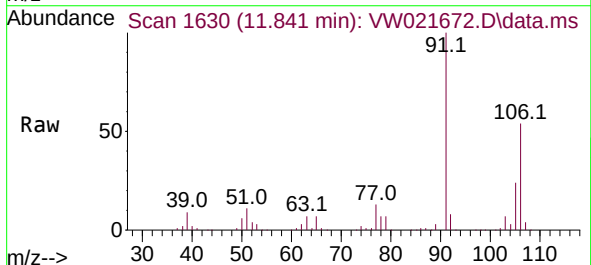
Instrument :
MSVOA_W
ClientSampleId :

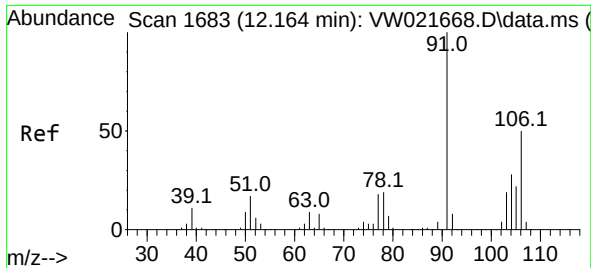
Tgt Ion: 91 Resp: 172994
Ion Ratio Lower Upper
91 100
106 34.0 21.5 39.9



#53
m,p-Xylene
Concen: 22.611 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion:106 Resp: 70383
Ion Ratio Lower Upper
106 100
91 184.4 149.9 278.3

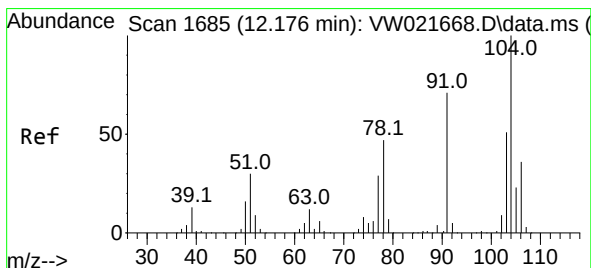
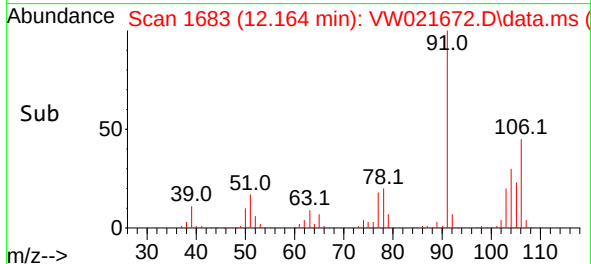
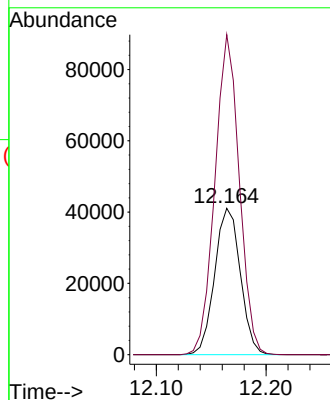
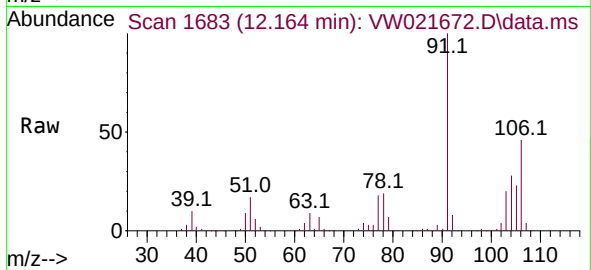




#54
o-Xylene
Concen: 22.632 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

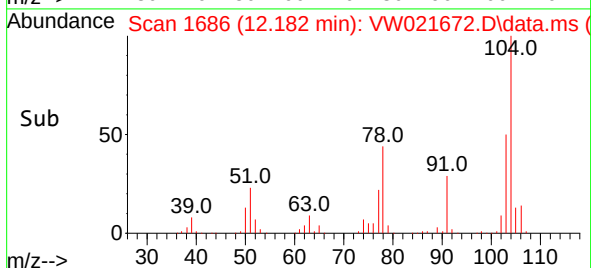
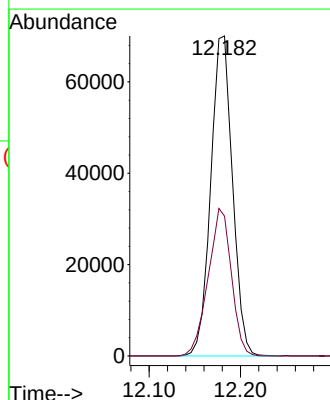
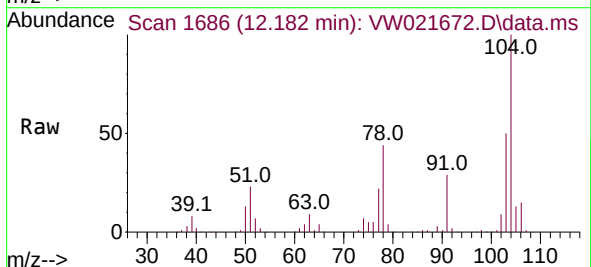
Instrument :
MSVOA_W
ClientSampleId :

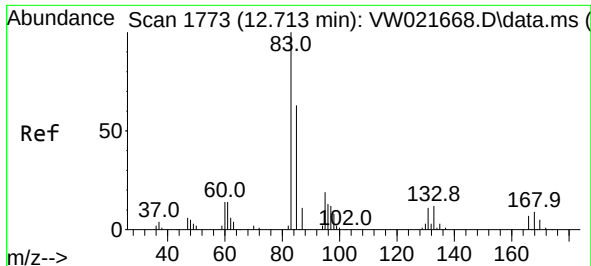
Tgt Ion:106 Resp: 66769
Ion Ratio Lower Upper
106 100
91 218.7 153.6 285.3



#55
Styrene
Concen: 22.839 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion:104 Resp: 115720
Ion Ratio Lower Upper
104 100
78 43.7 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 22.870 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021672.D

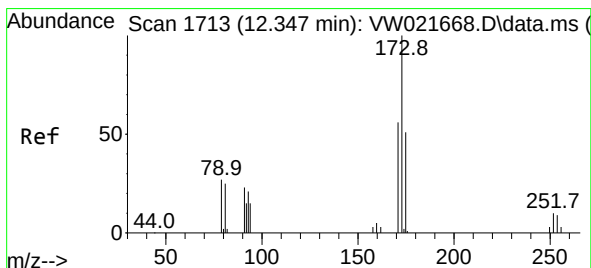
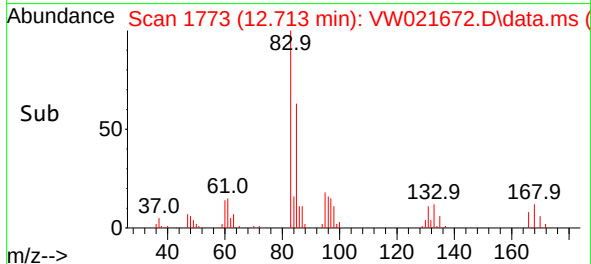
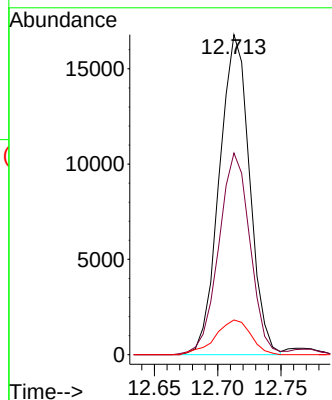
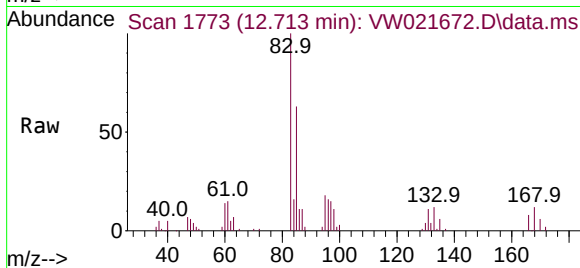
Acq: 28 Dec 2021 13:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 27918
Ion Ratio	Lower Upper
83 100	
85 63.0	44.0 81.6
131 10.8	6.9 10.3#



#59

Bromoform

Concen: 23.756 ug/L

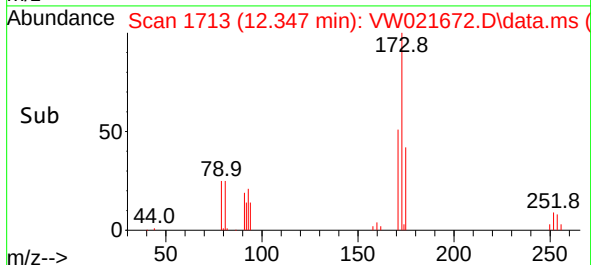
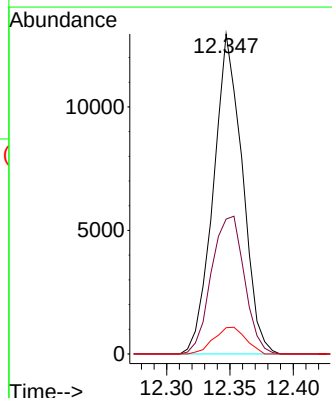
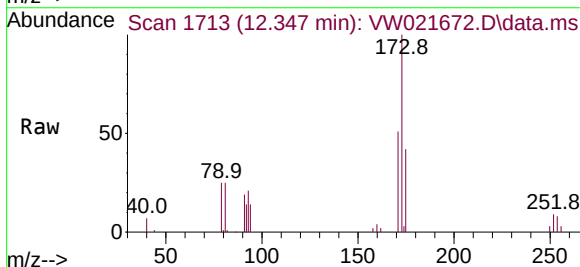
RT: 12.347 min Scan# 1713

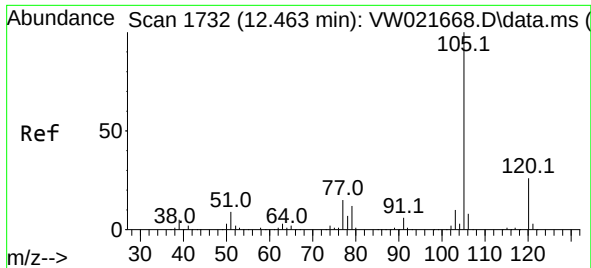
Delta R.T. -0.000 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

Tgt Ion: 173	Resp: 20582
Ion Ratio	Lower Upper
173 100	
175 49.0	39.6 59.4
254 9.2	7.4 11.0

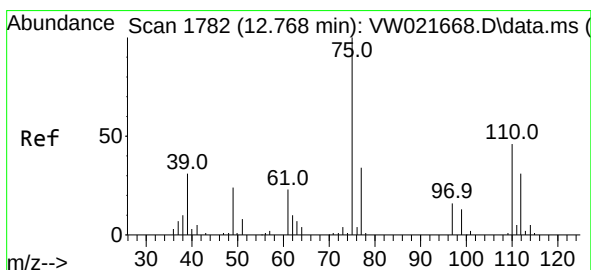
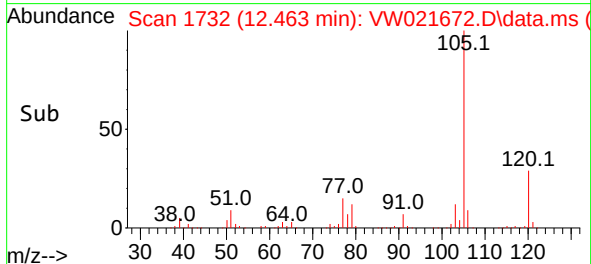
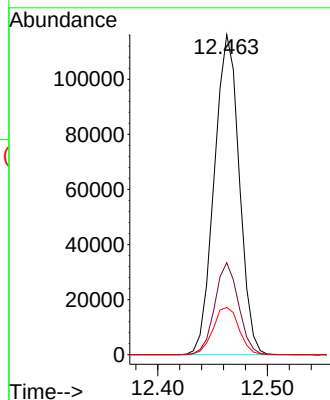
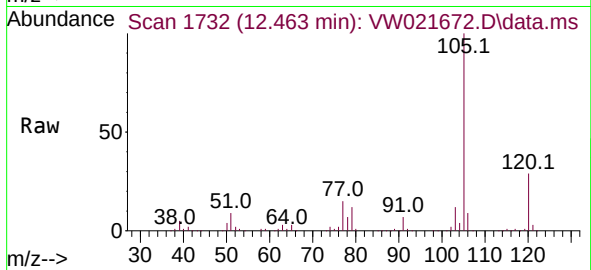




#60
Isopropylbenzene
Concen: 22.281 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

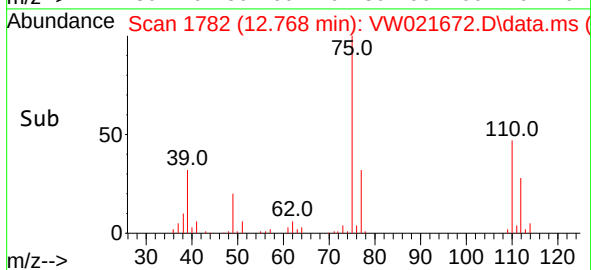
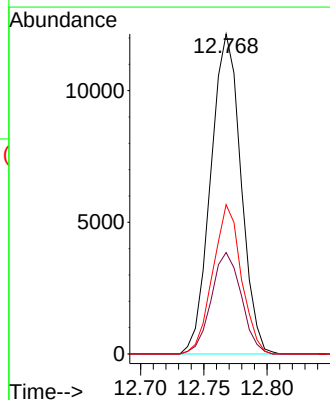
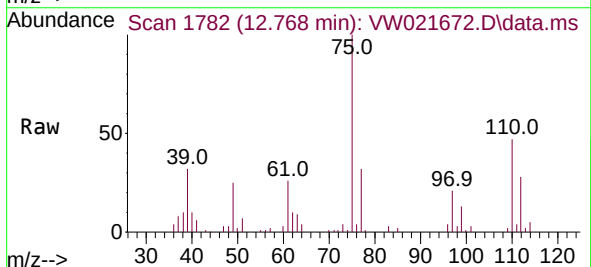
Instrument :
MSVOA_W
ClientSampleId :

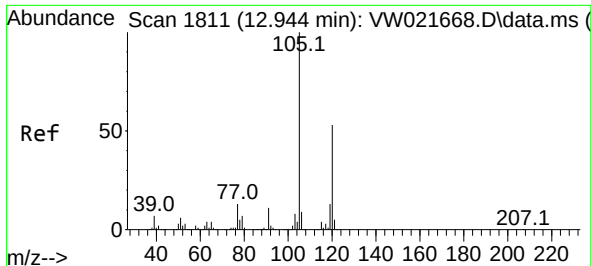
Tgt Ion:105 Resp: 184381
Ion Ratio Lower Upper
105 100
120 27.3 20.1 30.1
77 15.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.196 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion: 75 Resp: 20163
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
110 44.1 29.0 43.4#

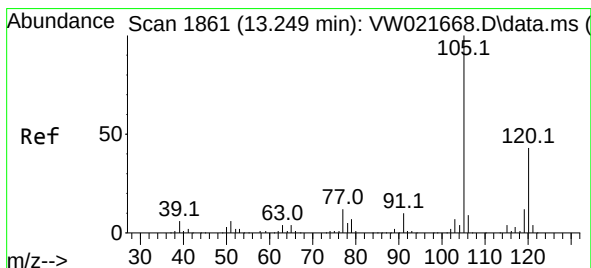
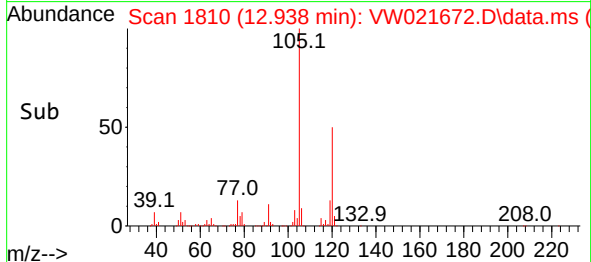
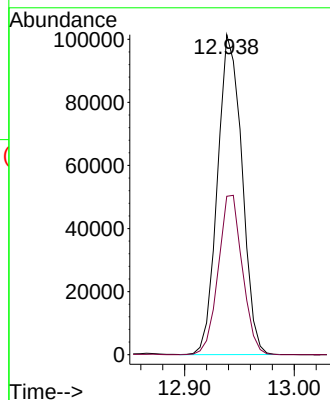
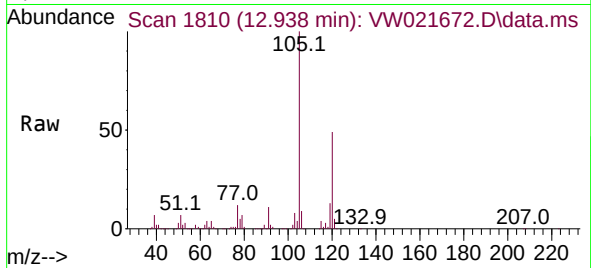




#62
1,3,5-Trimethylbenzene
Concen: 22.492 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

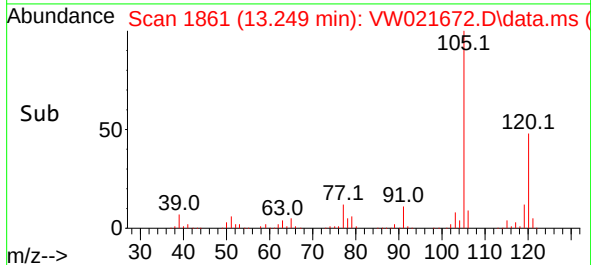
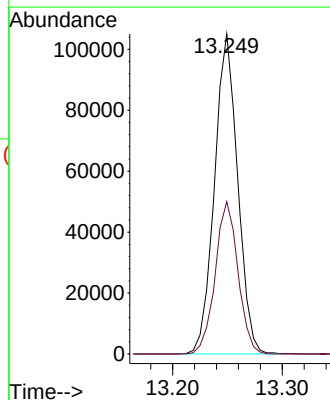
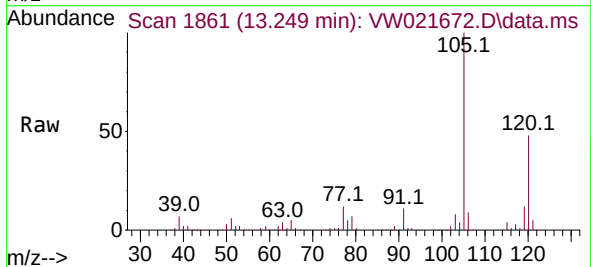
Instrument :
MSVOA_W
ClientSampleId :

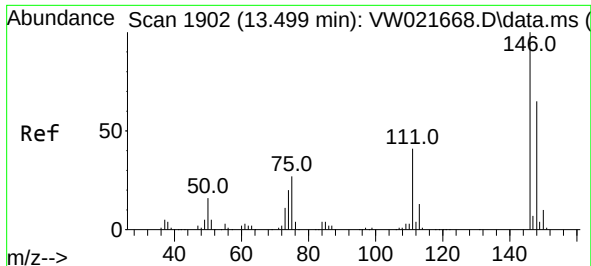
Tgt Ion:105 Resp: 157356
Ion Ratio Lower Upper
105 100
120 49.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 22.222 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion:105 Resp: 154433
Ion Ratio Lower Upper
105 100
120 46.7 35.0 52.6

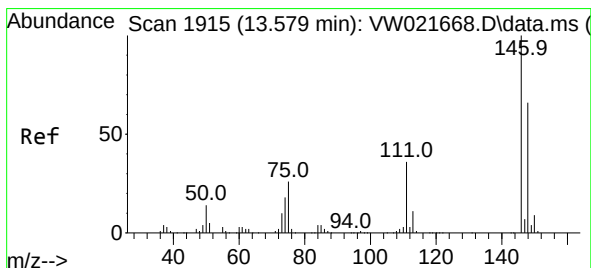
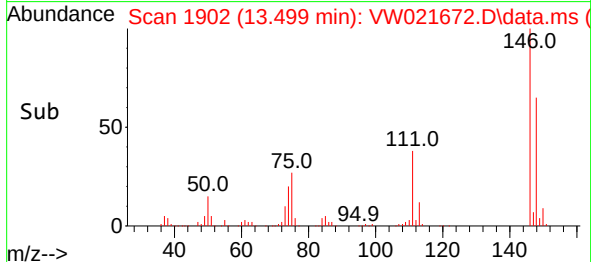
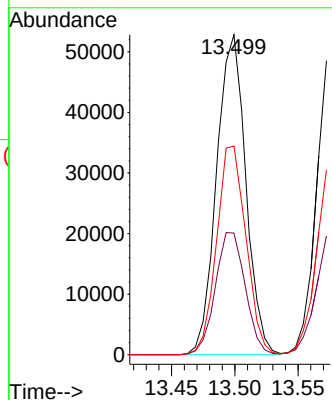
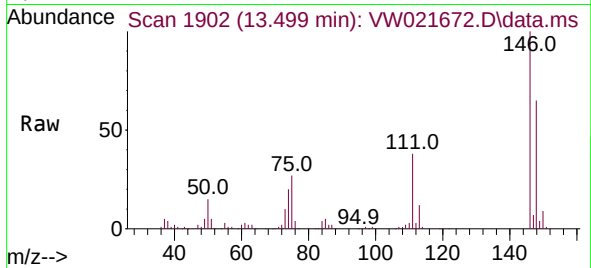




#64
1,3-Dichlorobenzene
Concen: 21.706 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

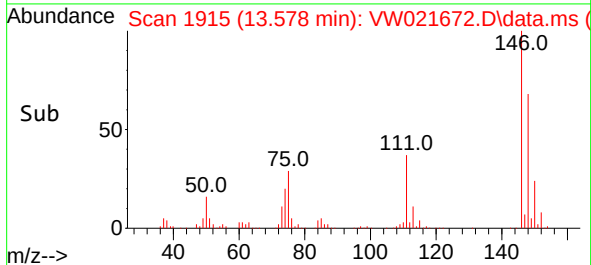
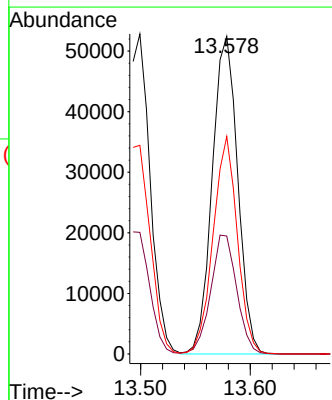
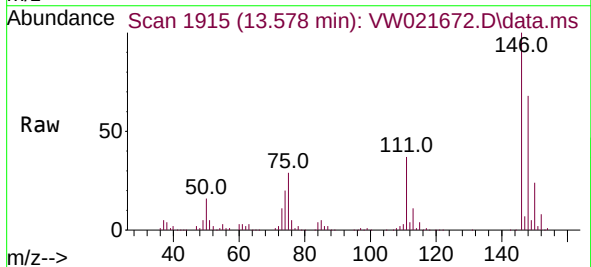
Instrument :
MSVOA_W
ClientSampleId :

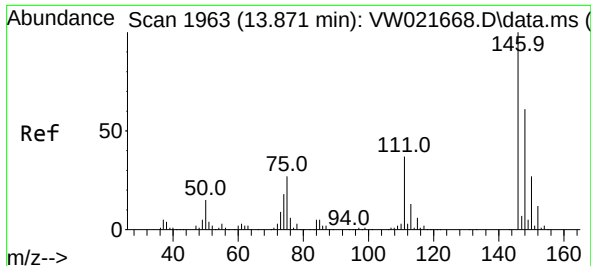
Tgt Ion:146 Resp: 84808
Ion Ratio Lower Upper
146 100
111 38.0 29.8 55.3
148 65.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.762 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion:146 Resp: 84780
Ion Ratio Lower Upper
146 100
111 37.1 29.0 53.9
148 68.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.592 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

Instrument :

MSVOA_W

ClientSampleId :

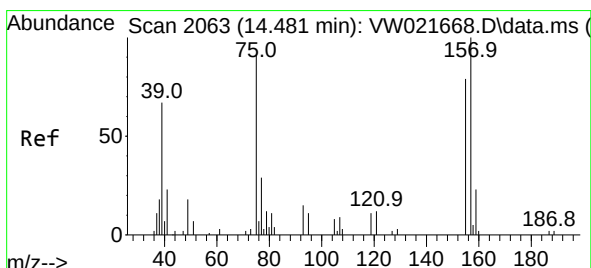
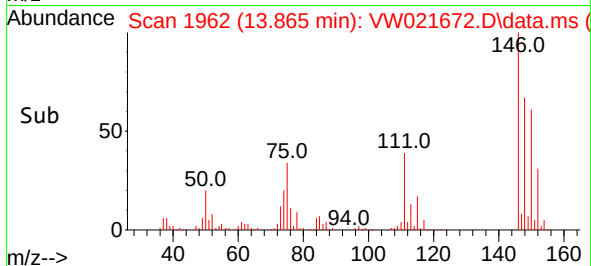
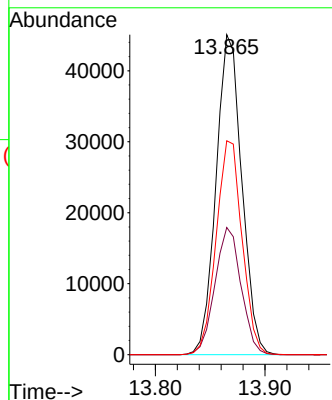
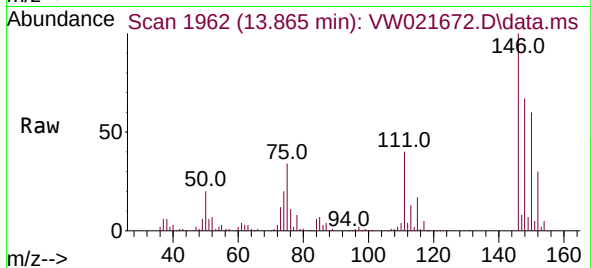
Tgt Ion:146 Resp: 73655

Ion Ratio Lower Upper

146 100

111 39.7 33.1 49.7

148 66.9 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.152 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021672.D

Acq: 28 Dec 2021 13:35

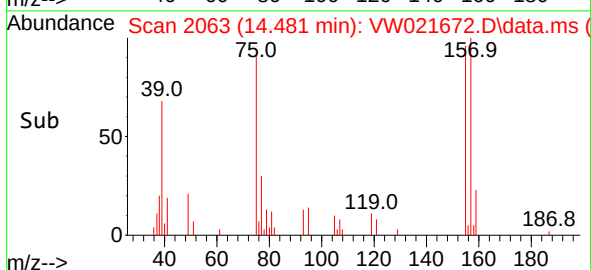
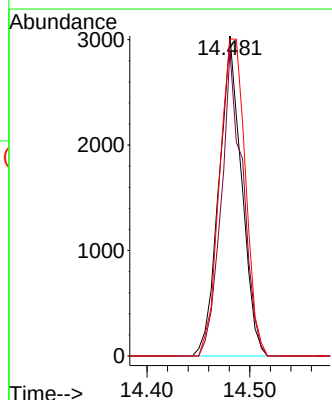
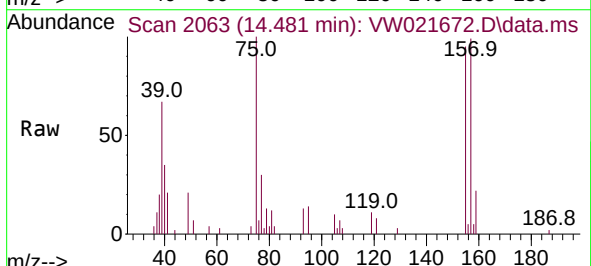
Tgt Ion: 75 Resp: 4631

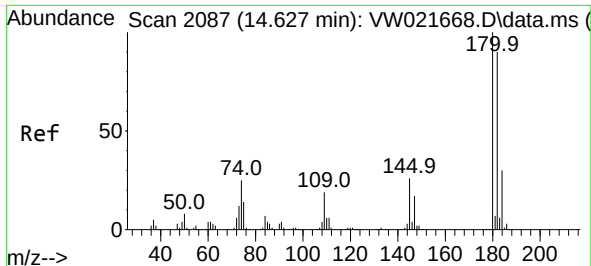
Ion Ratio Lower Upper

75 100

155 95.3 54.2 81.2#

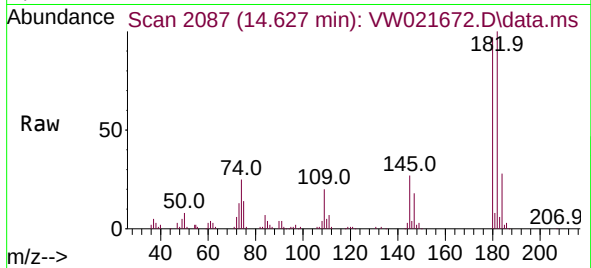
157 99.0 69.4 104.2



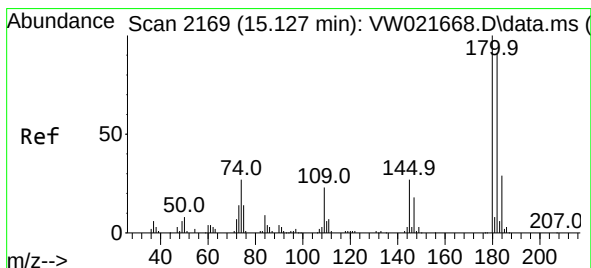
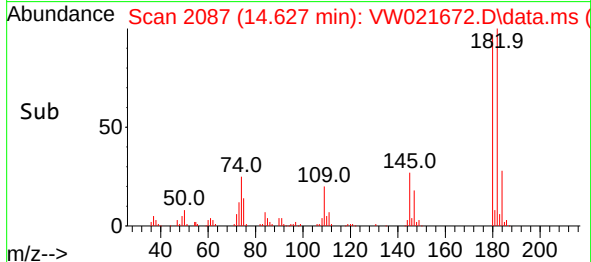
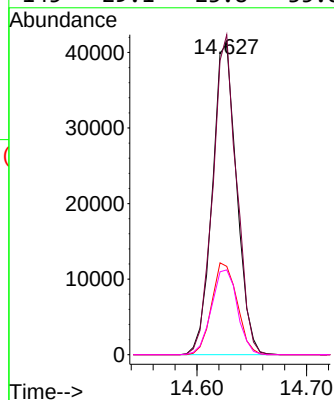


#69
 1,3,5-Trichlorobenzene
 Concen: 22.118 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

Instrument :
 MSVOA_W
 ClientSampleId :

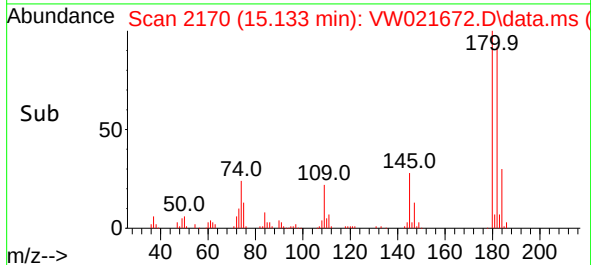
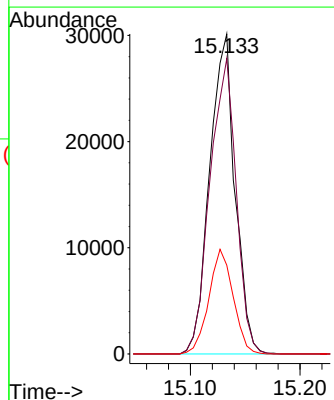
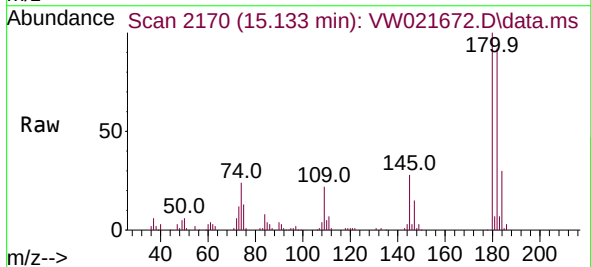


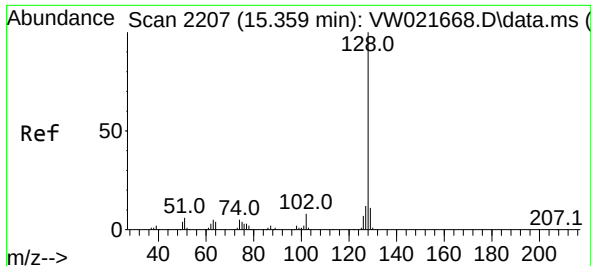
Tgt Ion:180 Resp: 63484
 Ion Ratio Lower Upper
 180 100
 182 100.2 75.4 113.0
 184 30.9 23.8 35.8
 145 29.1 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 21.179 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021672.D
 Acq: 28 Dec 2021 13:35

Tgt Ion:180 Resp: 48521
 Ion Ratio Lower Upper
 180 100
 182 95.4 79.0 118.6
 145 31.3 26.0 39.0

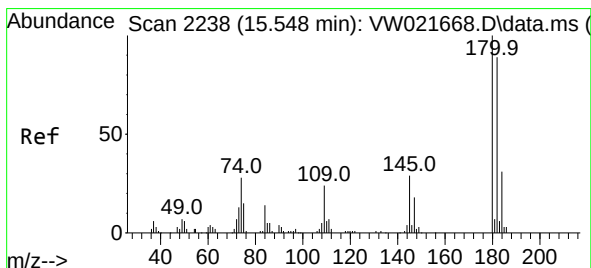
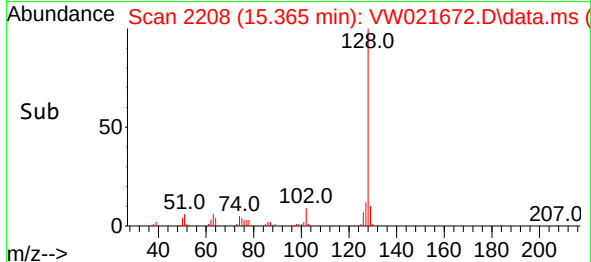
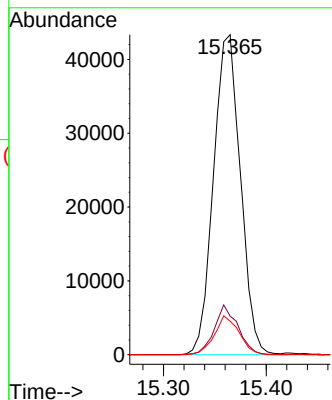
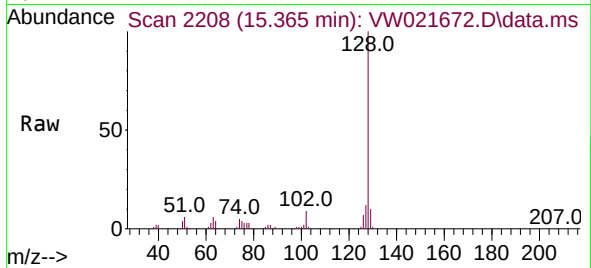




#71
Naphthalene
Concen: 21.161 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 78879
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.346 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021672.D
Acq: 28 Dec 2021 13:35

Tgt Ion:180 Resp: 41167
Ion Ratio Lower Upper
180 100
182 93.6 76.6 114.8
145 31.4 27.4 41.0

