

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081621\
 Data File : VW019749.D
 Acq On : 16 Aug 2021 13:08
 Operator : SY/VA
 Sample : M3365-16MSD
 Misc : 5.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 17 01:53:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 17 01:50:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	106149	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	102621	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	52086	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	32414	26.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.600%	
7) Chloroethane-d5	2.891	69	33994	27.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.000%	
11) 1,1-Dichloroethene-d2	4.025	63	59014	23.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.560%	
21) 2-Butanone-d5	7.080	46	23300	57.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 115.120%	
24) Chloroform-d	7.653	84	78236	24.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.520%	
26) 1,2-Dichloroethane-d4	8.311	65	44546	23.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 95.360%	
32) Benzene-d6	8.281	84	134434	19.785	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 79.160%	
36) 1,2-Dichloropropane-d6	9.281	67	45188	22.107	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 88.440%	
41) Toluene-d8	10.329	98	111308	17.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 71.840%	
43) trans-1,3-Dichloroprop...	10.579	79	17473	20.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 82.800%	
47) 2-Hexanone-d5	10.927	63	16599	46.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 92.580%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	41034	23.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 92.560%	
66) 1,2-Dichlorobenzene-d4	13.853	152	40105	20.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 83.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	27337	23.523	ug/L	95
3) Chloromethane	2.221	50	39426	33.530	ug/L	99
5) Vinyl chloride	2.367	62	53417	33.718	ug/L	99
6) Bromomethane	2.788	94	35869	28.903	ug/L	99
8) Chloroethane	2.934	64	35380	33.212	ug/L	92
9) Trichlorofluoromethane	3.269	101	60346	61.533	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	39494	30.218	ug/L	97
12) 1,1-Dichloroethene	4.044	96	34664	27.252	ug/L	95
13) Acetone	4.123	43	17954	53.957	ug/L	88
14) Carbon disulfide	4.385	76	99309	27.423	ug/L	99
15) Methyl Acetate	4.672	43	18136	29.144	ug/L	95
16) Methylene chloride	4.922	84	54052	30.471	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	37347	26.861	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	72790	36.031	ug/L	97
19) 1,1-Dichloroethane	6.226	63	74058	25.345	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	40792	25.888	ug/L	94
22) 2-Butanone	7.171	43	23015	51.708	ug/L	99
23) Bromochloromethane	7.525	128	19386	26.589	ug/L	94
25) Chloroform	7.677	83	77482	25.888	ug/L	98

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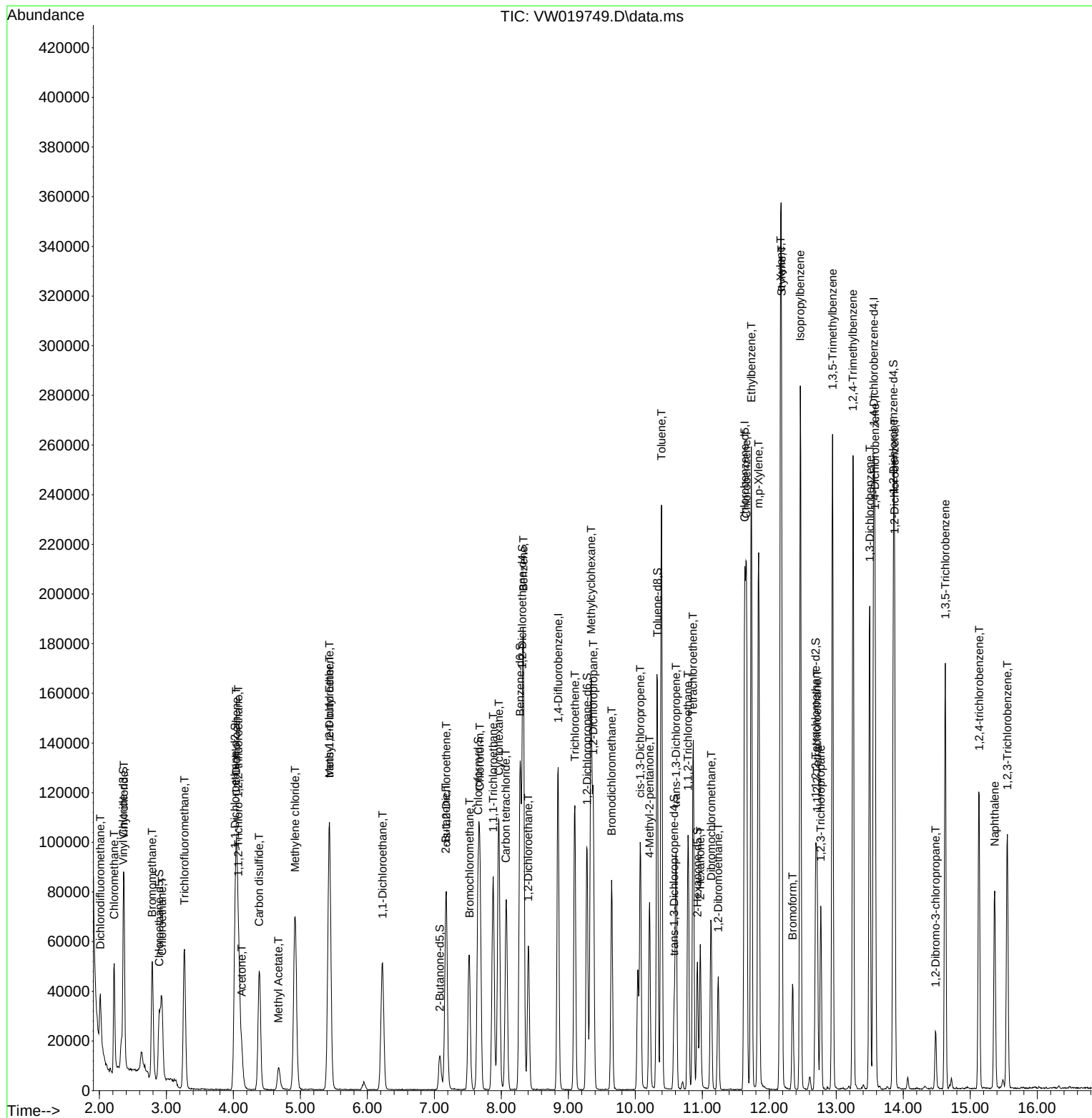
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	51667	24.715	ug/L	96
29) Cyclohexane	7.964	56	53504	21.040	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	66723	25.395	ug/L	100
31) Carbon tetrachloride	8.067	117	56081	23.128	ug/L	98
33) Benzene	8.329	78	163589	23.003	ug/L	100
34) Trichloroethene	9.098	95	40274	22.841	ug/L	92
35) Methylcyclohexane	9.342	83	60631	20.780	ug/L	95
37) 1,2-Dichloropropane	9.372	63	42808	24.085	ug/L	99
38) Bromodichloromethane	9.646	83	54470	24.195	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	57623	21.249	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	47281	43.286	ug/L	98
42) Toluene	10.390	91	169682	22.726	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	53037	22.334	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	32738	24.905	ug/L	95
46) Tetrachloroethene	10.860	164	31303	23.611	ug/L	93
48) 2-Hexanone	10.969	43	33630	44.754	ug/L	99
49) Dibromochloromethane	11.134	129	35701	24.511	ug/L	96
50) 1,2-Dibromoethane	11.238	107	29084	23.250	ug/L #	100
51) Chlorobenzene	11.658	112	103919	22.761	ug/L	99
52) Ethylbenzene	11.731	91	173638	22.189	ug/L	96
53) m,p-Xylene	11.841	106	67325	22.599	ug/L	95
54) o-Xylene	12.170	106	63430	22.062	ug/L	99
55) Styrene	12.182	104	110067	22.293	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	39334	23.516	ug/L	99
59) Bromoform	12.347	173	18125	22.894	ug/L	99
60) Isopropylbenzene	12.463	105	170226	23.899	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	29674	25.191	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	134489	22.673	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	133620	21.594	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	77126	22.360	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	74417	21.401	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	68241	22.538	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6003	26.116	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	49578	22.500	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	38326	20.657	ug/L	98
71) Naphthalene	15.365	128	68563	19.012	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	32432	19.763	ug/L	99

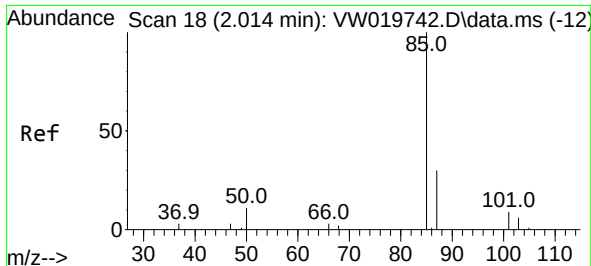
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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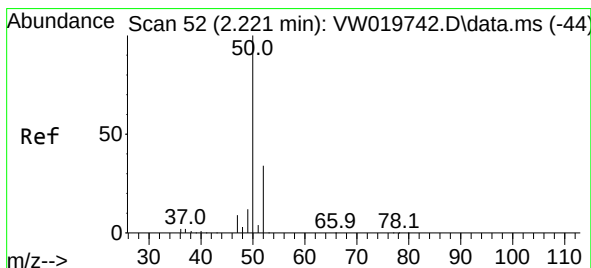
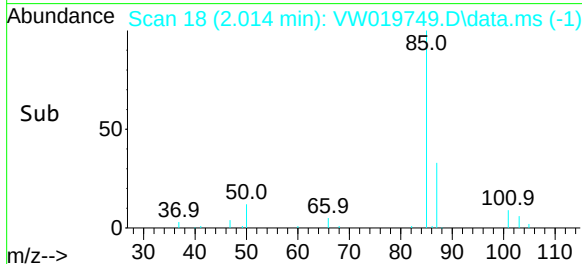
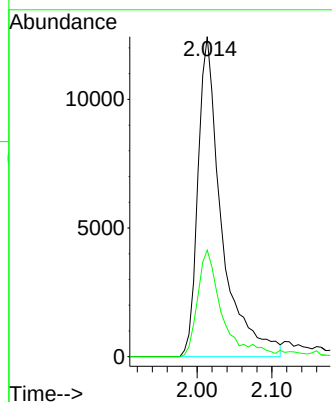
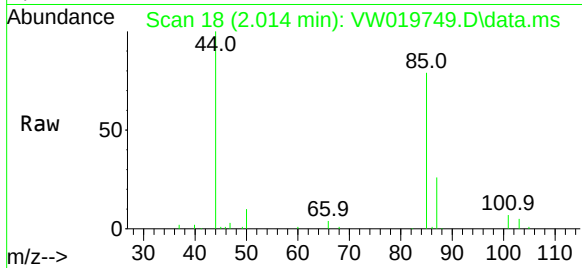




#2
 Dichlorodifluoromethane
 Concen: 23.523 ug/L
 RT: 2.014 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: VW019749.D
 Acq: 16 Aug 2021 13:08

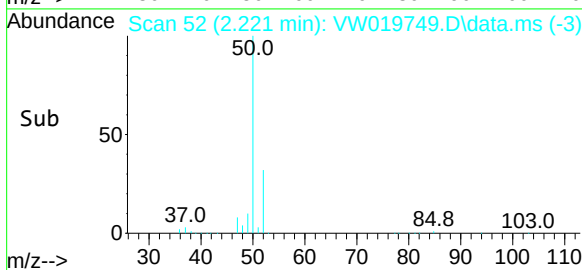
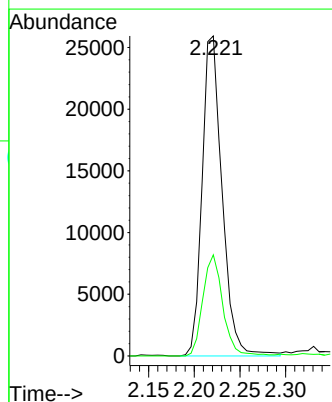
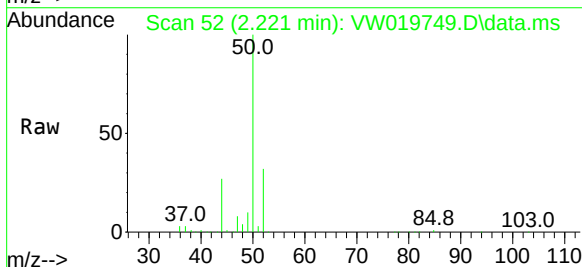
Instrument :
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 ClientSampled :

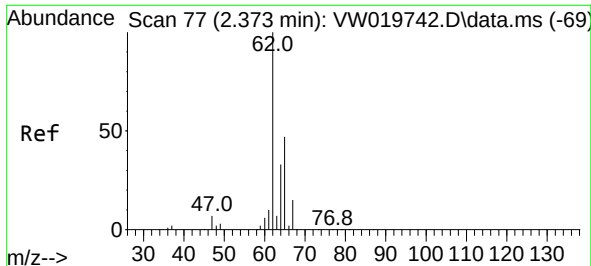
Tgt Ion: 85 Resp: 27337
 Ion Ratio Lower Upper
 85 100
 87 32.0 23.3 34.9



#3
 Chloromethane
 Concen: 33.530 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW019749.D
 Acq: 16 Aug 2021 13:08

Tgt Ion: 50 Resp: 39426
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.5 41.9

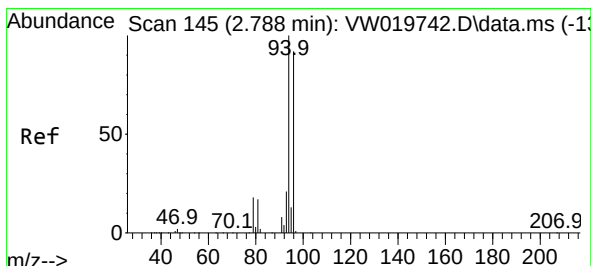
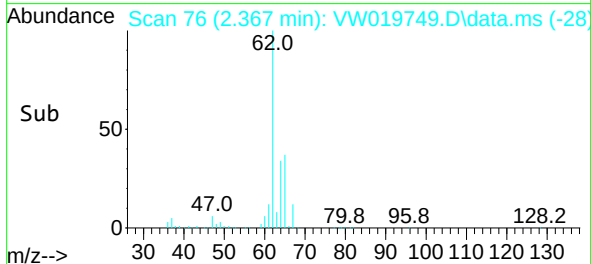
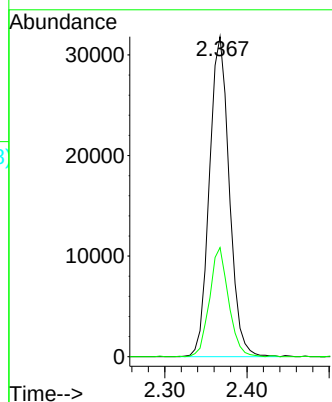
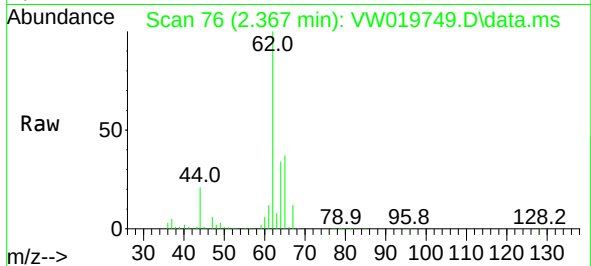




#5
 Vinyl chloride
 Concen: 33.718 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW019749.D
 Acq: 16 Aug 2021 13:08

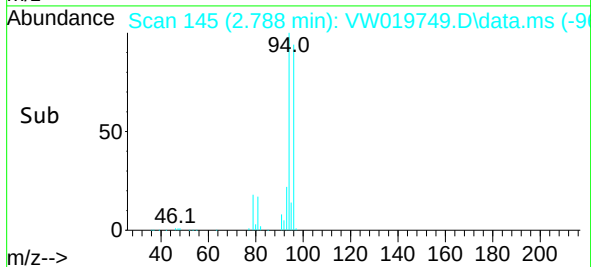
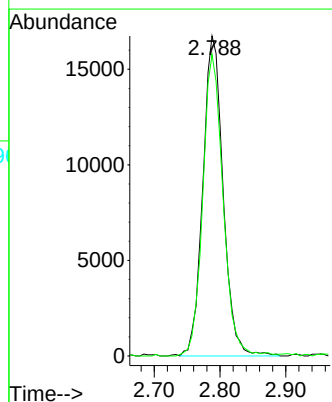
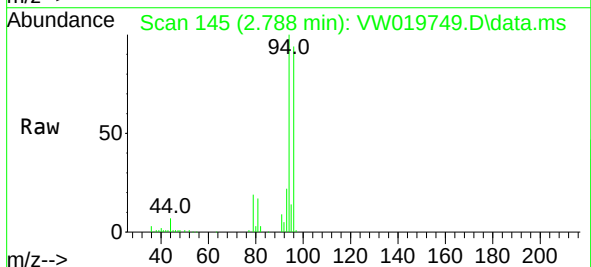
Instrument :
 MSVOA_W
 ClientSampled :

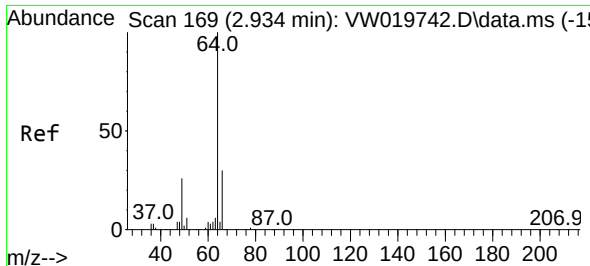
Tgt Ion: 62 Resp: 53417
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.2 45.0



#6
 Bromomethane
 Concen: 28.903 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW019749.D
 Acq: 16 Aug 2021 13:08

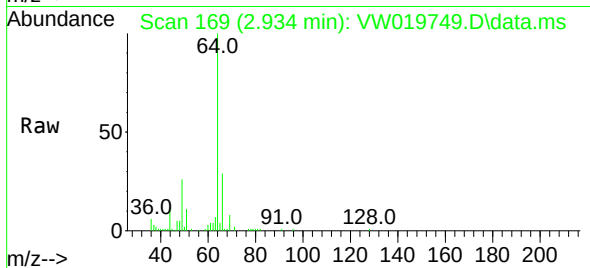
Tgt Ion: 94 Resp: 35869
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.3 121.3



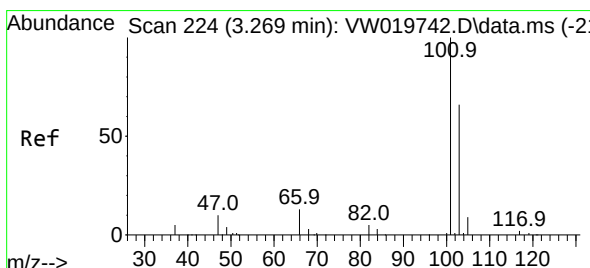
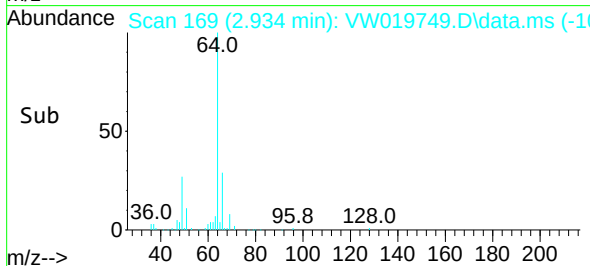
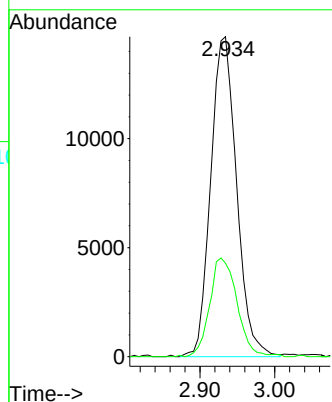


#8
Chloroethane
Concen: 33.212 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Instrument :
MSVOA_W
ClientSampled :

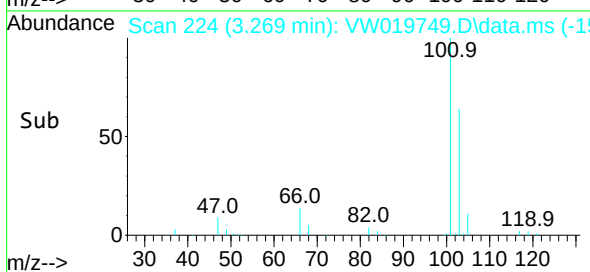
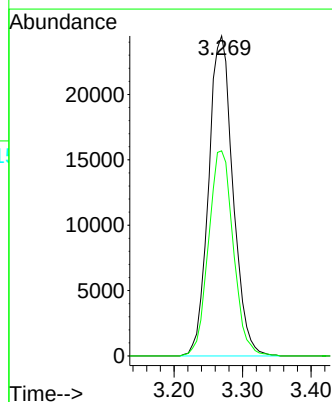
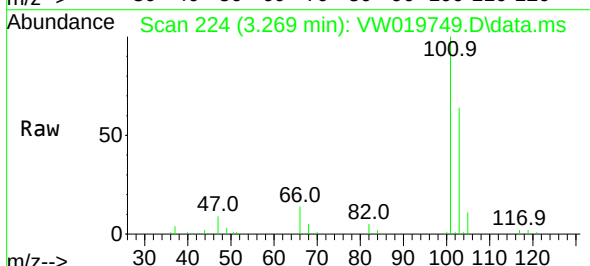


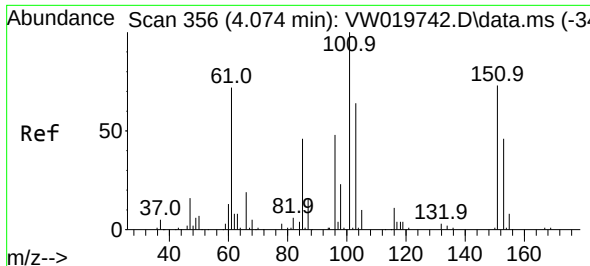
Tgt Ion: 64 Resp: 35380
Ion Ratio Lower Upper
64 100
66 29.2 23.4 43.6



#9
Trichlorofluoromethane
Concen: 61.533 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 101 Resp: 60346
Ion Ratio Lower Upper
101 100
103 65.4 51.0 76.4

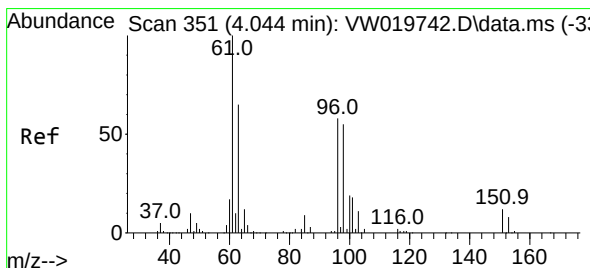
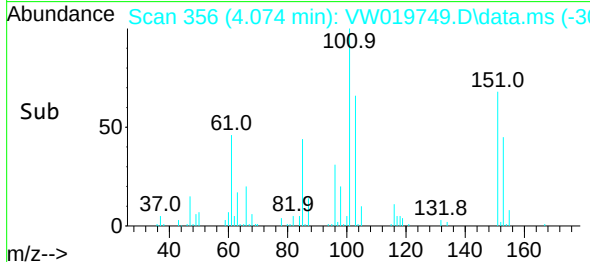
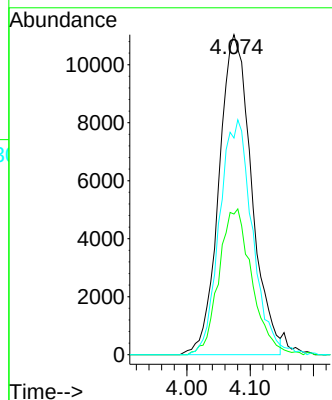
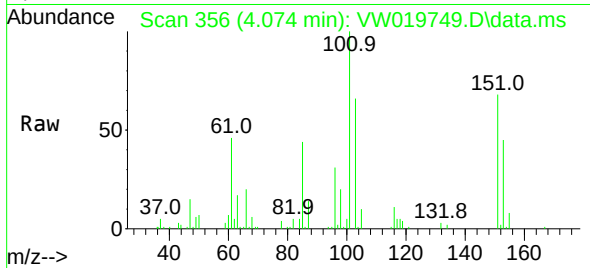




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 30.218 ug/L
RT: 4.074 min Scan# 356
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

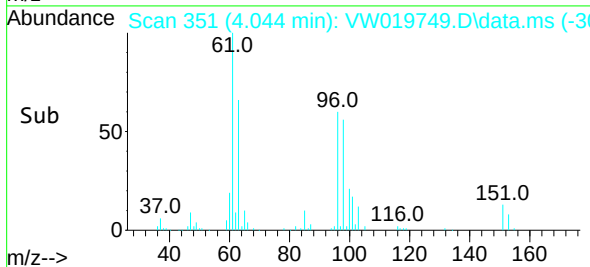
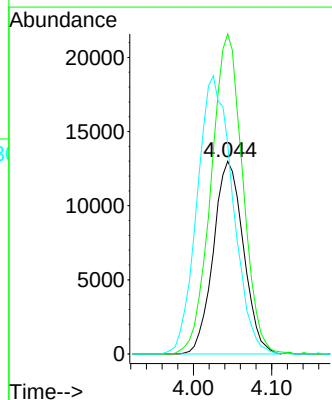
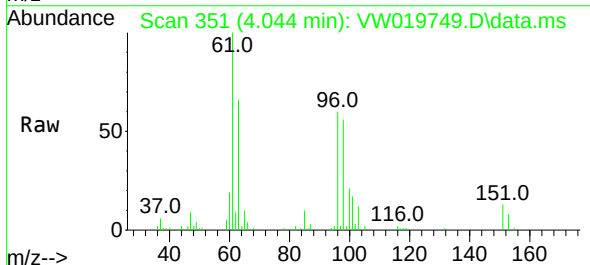
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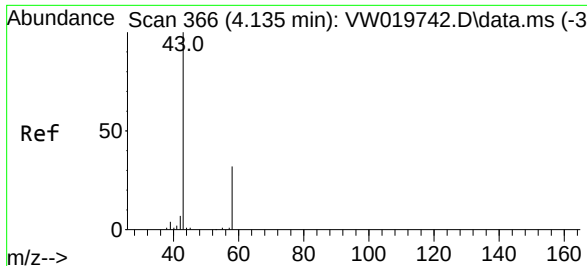
Tgt Ion:101 Resp: 39494
Ion Ratio Lower Upper
101 100
85 46.0 38.2 57.2
151 73.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 27.252 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 96 Resp: 34664
Ion Ratio Lower Upper
96 100
61 166.1 118.1 219.3
63 109.1 83.7 155.5

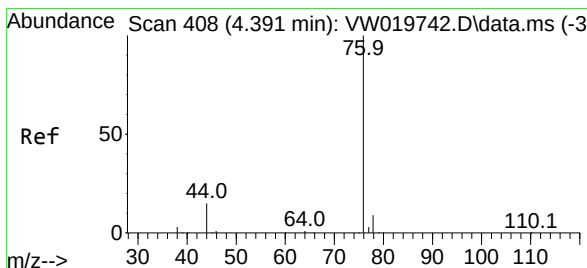
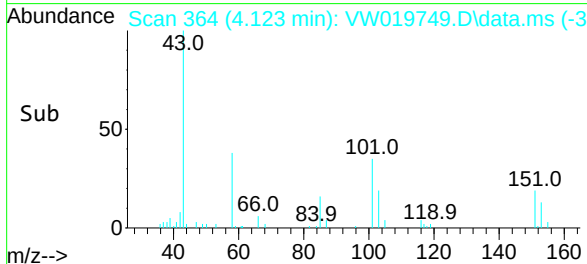
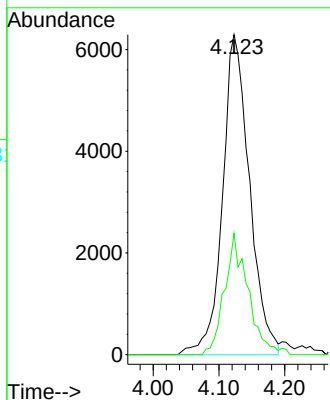
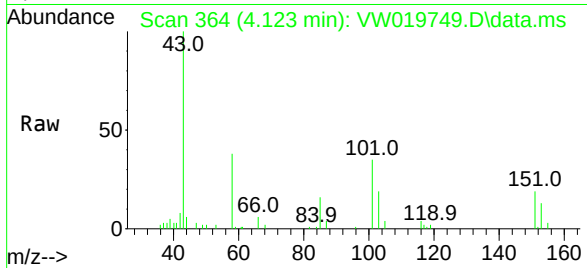




#13
Acetone
Concen: 53.957 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

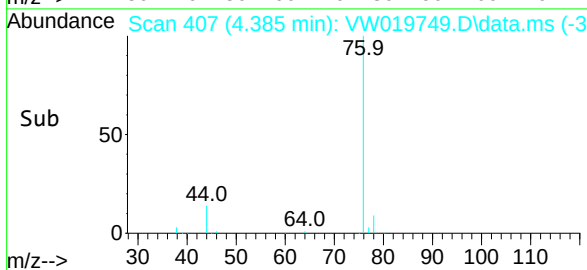
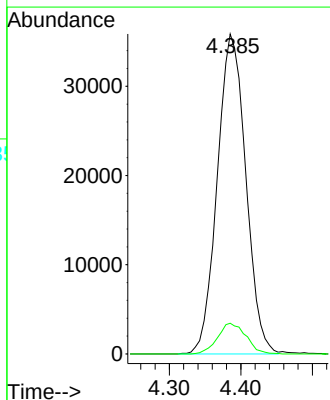
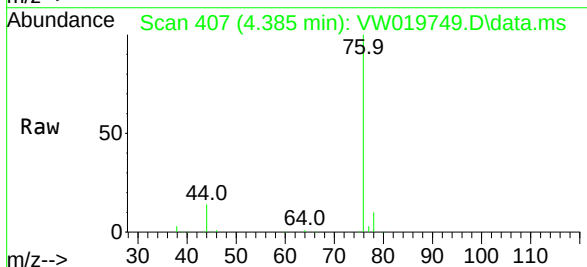
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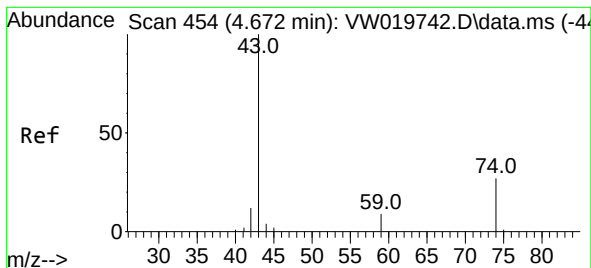
Tgt Ion: 43 Resp: 17954
Ion Ratio Lower Upper
43 100
58 32.9 0.0 53.8



#14
Carbon disulfide
Concen: 27.423 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 76 Resp: 99309
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0





#15

Methyl Acetate

Concen: 29.144 ug/L

RT: 4.672 min Scan# 454

Delta R.T. -0.000 min

Lab File: VW019749.D

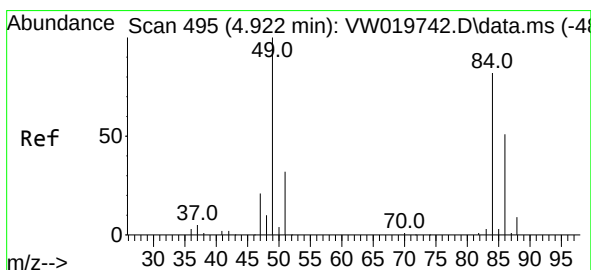
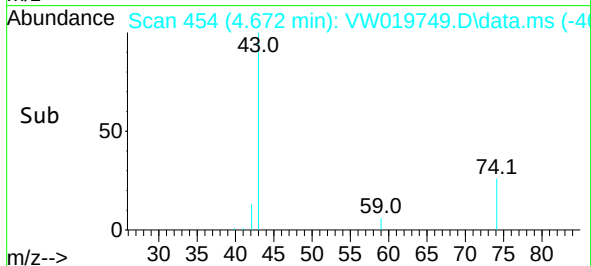
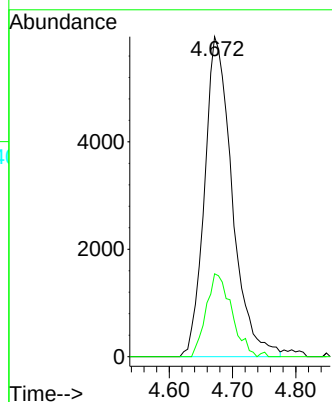
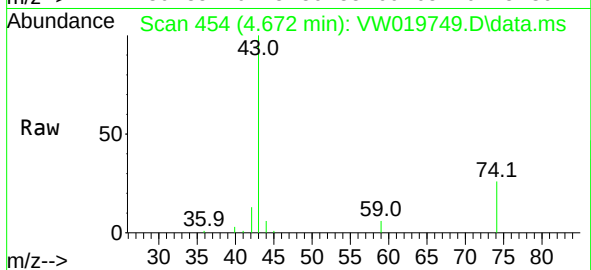
Acq: 16 Aug 2021 13:08

Tgt Ion: 43 Resp: 18136

Ion Ratio Lower Upper

43 100

74 22.7 20.0 30.0



#16

Methylene chloride

Concen: 30.471 ug/L

RT: 4.922 min Scan# 495

Delta R.T. -0.000 min

Lab File: VW019749.D

Acq: 16 Aug 2021 13:08

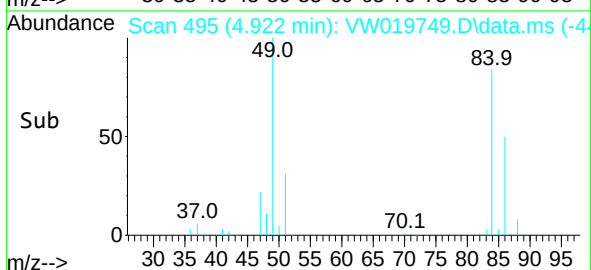
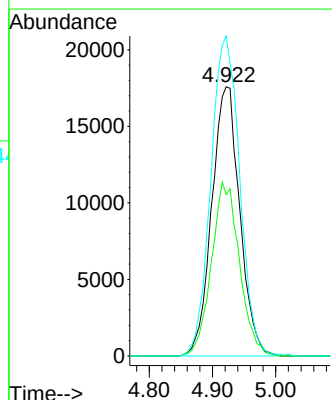
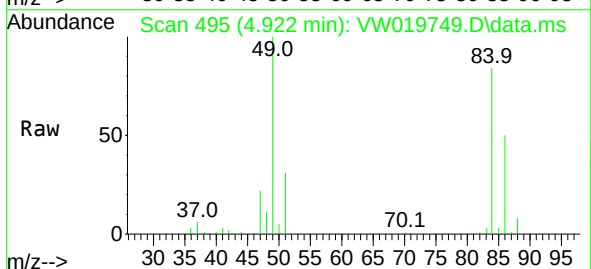
Tgt Ion: 84 Resp: 54052

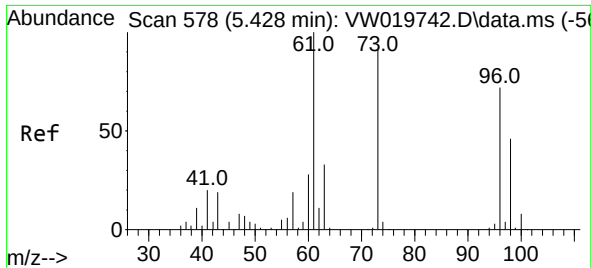
Ion Ratio Lower Upper

84 100

86 60.0 45.3 84.1

49 118.9 86.6 160.8

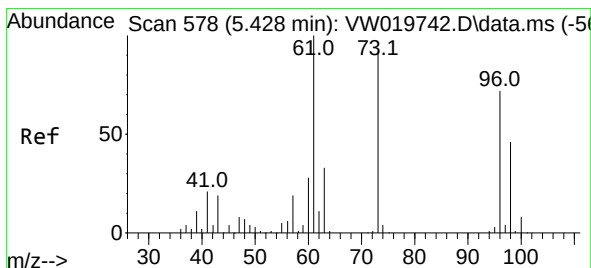
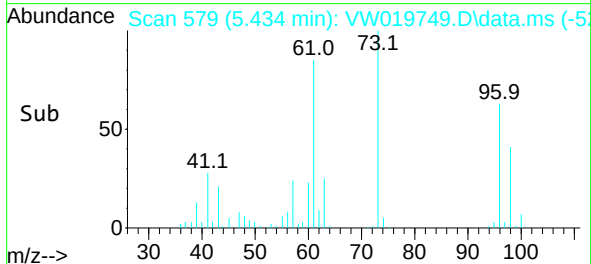
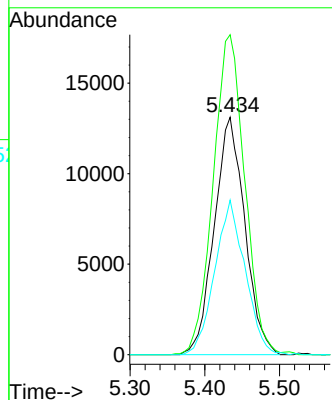
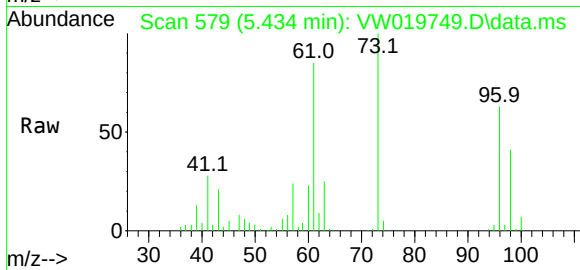




#17
trans-1,2-Dichloroethene
Concen: 26.861 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

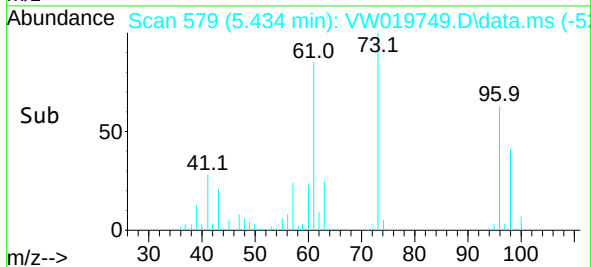
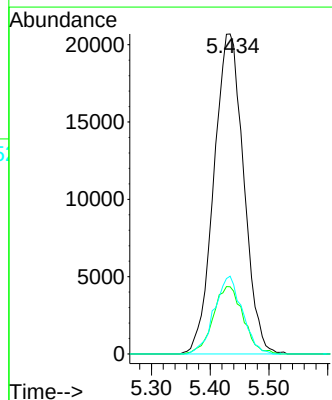
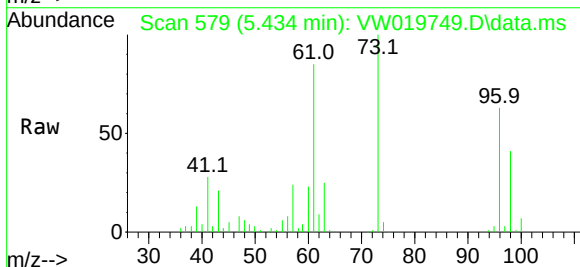
Instrument :
MSVOA_W
ClientSampled :

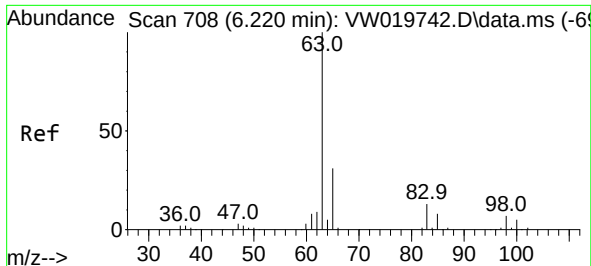
Tgt Ion: 96 Resp: 37347
Ion Ratio Lower Upper
96 100
61 134.8 98.3 182.7
98 65.1 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 36.031 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 73 Resp: 72790
Ion Ratio Lower Upper
73 100
43 21.1 17.7 26.5
57 22.9 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.345 ug/L

RT: 6.226 min Scan# 709

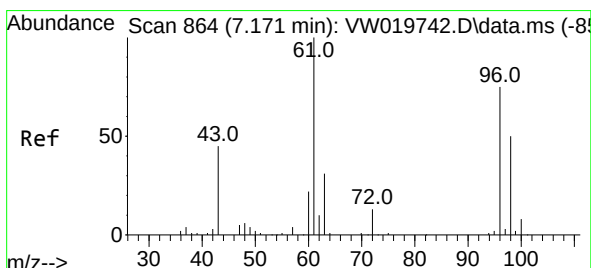
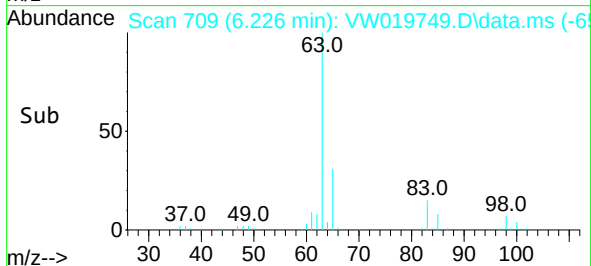
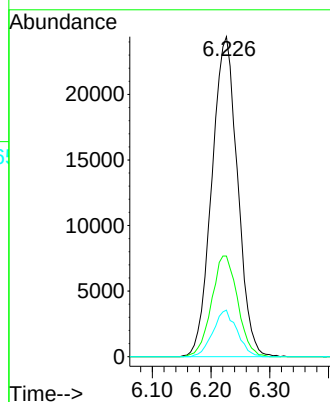
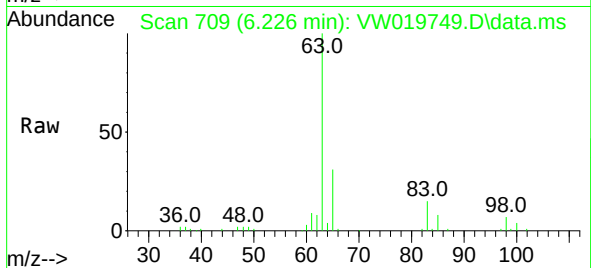
Delta R.T. 0.006 min

Lab File: VW019749.D

Acq: 16 Aug 2021 13:08

Tgt Ion: 63	Resp: 74058
Ion Ratio	Lower Upper
63 100	
65 31.5	22.9 42.5
83 14.5	10.2 19.0

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 25.888 ug/L

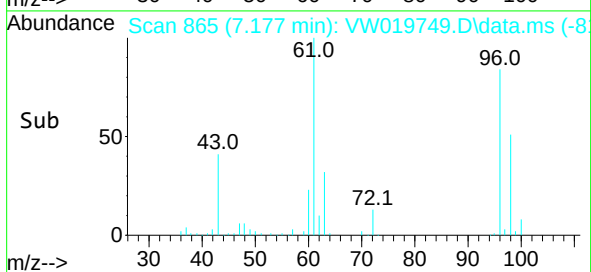
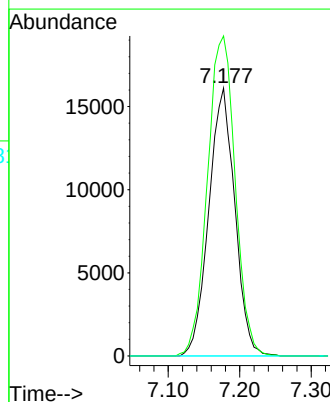
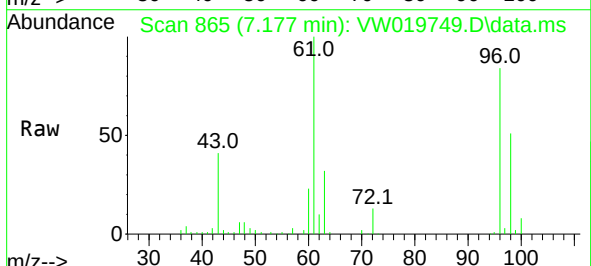
RT: 7.177 min Scan# 865

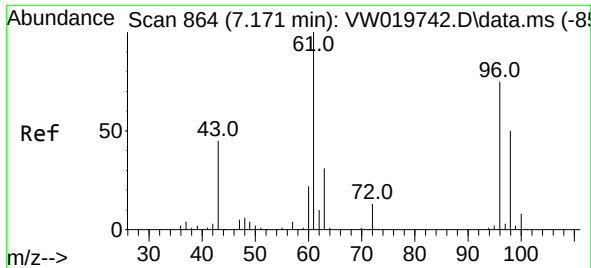
Delta R.T. 0.006 min

Lab File: VW019749.D

Acq: 16 Aug 2021 13:08

Tgt Ion: 96	Resp: 40792
Ion Ratio	Lower Upper
96 100	
61 119.5	88.5 164.3
68 0.0	0.0 0.0

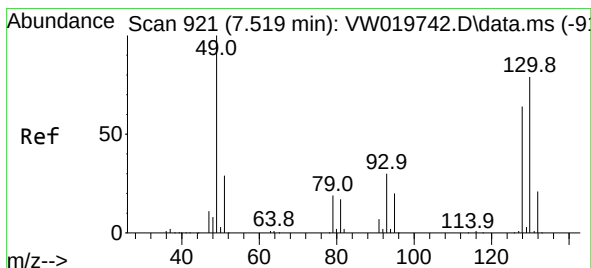
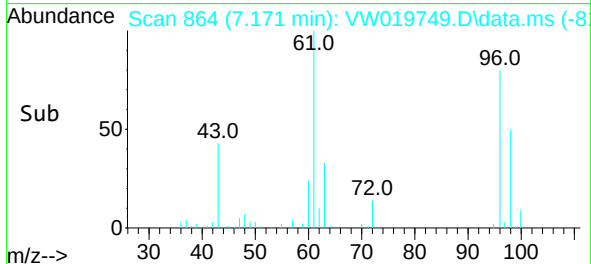
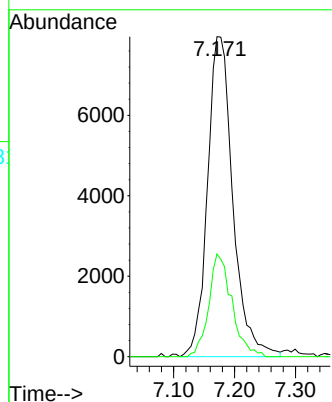
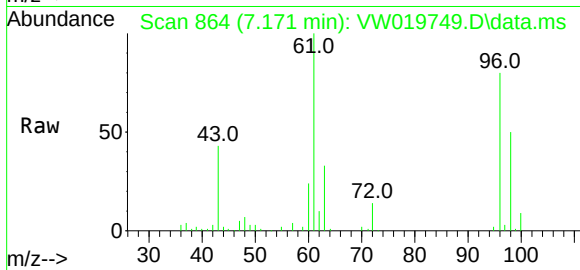




#22
2-Butanone
Concen: 51.708 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

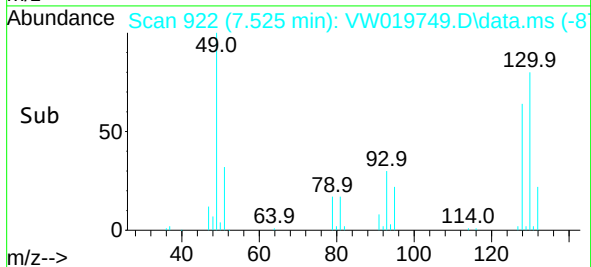
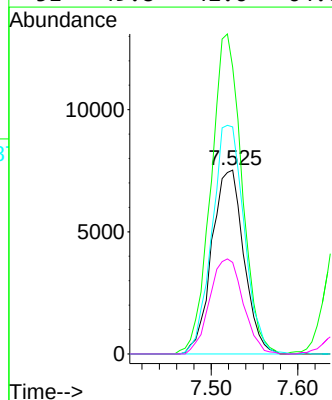
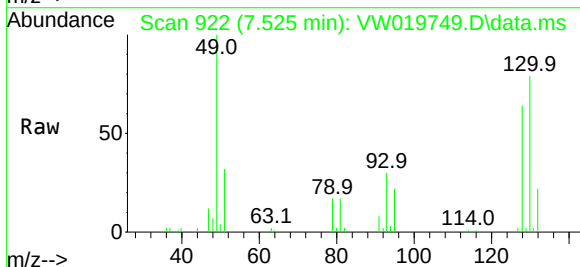
Instrument :
MSVOA_W
ClientSampled :

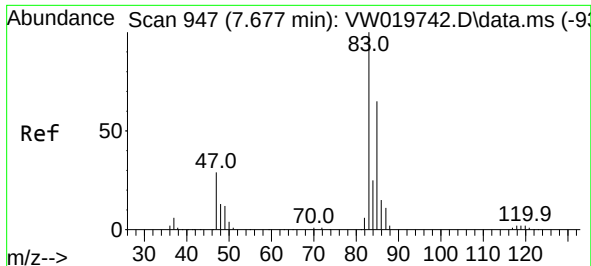
Tgt Ion: 43 Resp: 23015
Ion Ratio Lower Upper
43 100
72 29.2 14.9 44.7



#23
Bromochloromethane
Concen: 26.589 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 128 Resp: 19386
Ion Ratio Lower Upper
128 100
49 155.9 116.3 215.9
130 123.5 82.4 153.0
51 49.8 42.6 64.0

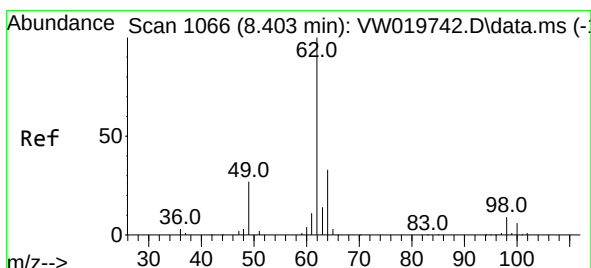
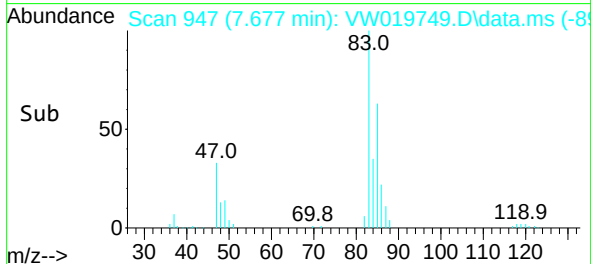
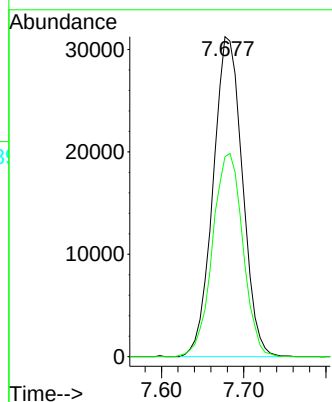
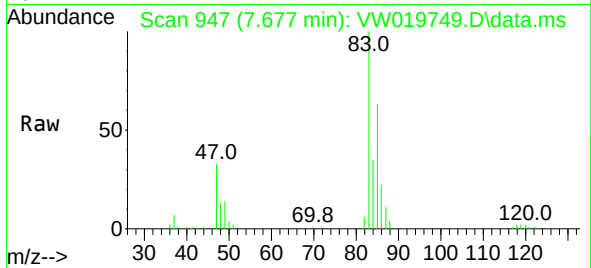




#25
Chloroform
Concen: 25.888 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

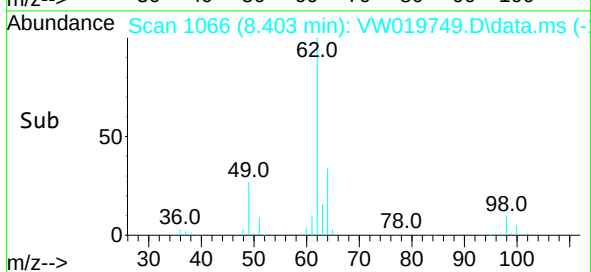
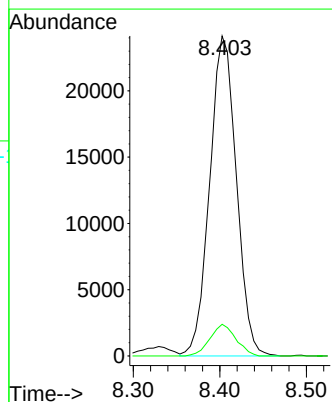
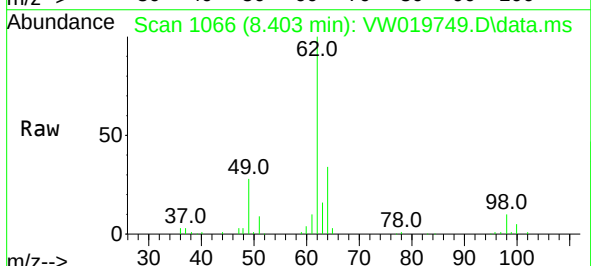
Instrument :
MSVOA_W
ClientSampled :

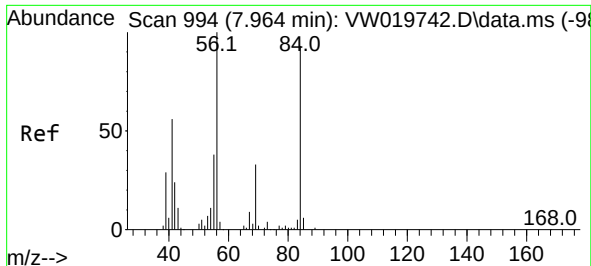
Tgt Ion: 83 Resp: 77482
Ion Ratio Lower Upper
83 100
85 62.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.715 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

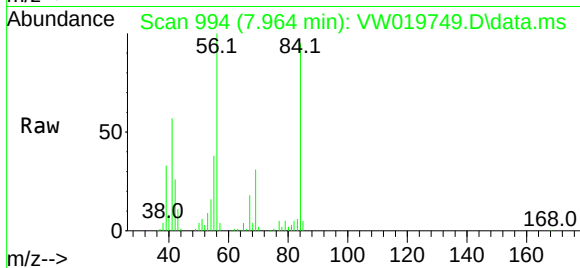
Tgt Ion: 62 Resp: 51667
Ion Ratio Lower Upper
62 100
98 9.9 6.9 10.3



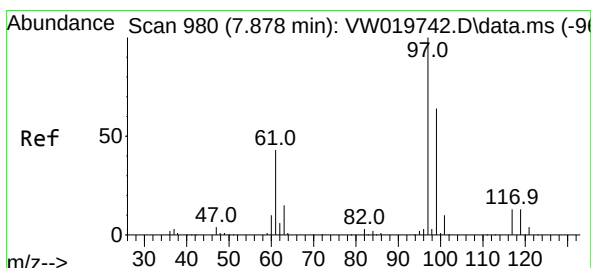
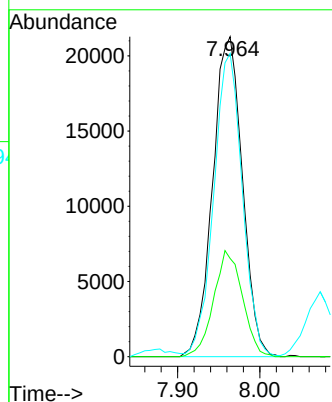
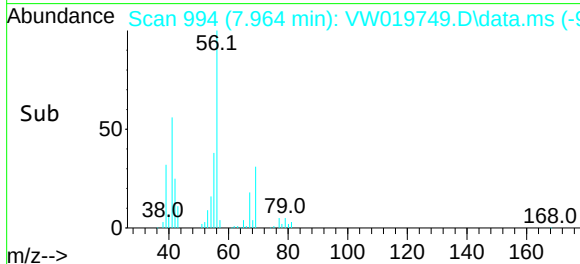


#29
Cyclohexane
Concen: 21.040 ug/L
RT: 7.964 min Scan# 994
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

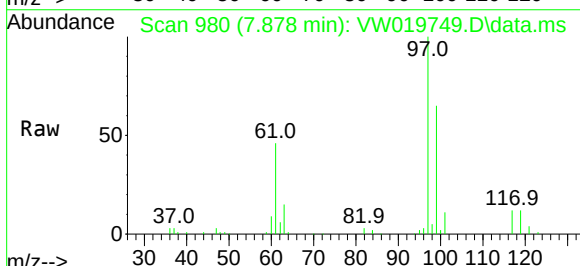
Instrument :
MSVOA_W
ClientSampled :



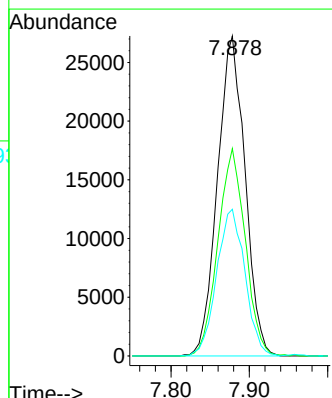
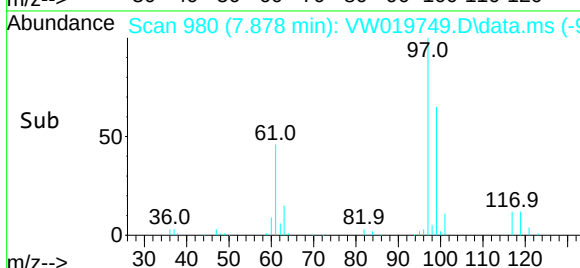
Tgt Ion:	56	Resp:	53504
Ion Ratio	Lower	Upper	
56	100		
69	32.1	24.5	36.7
84	91.2	75.0	112.4

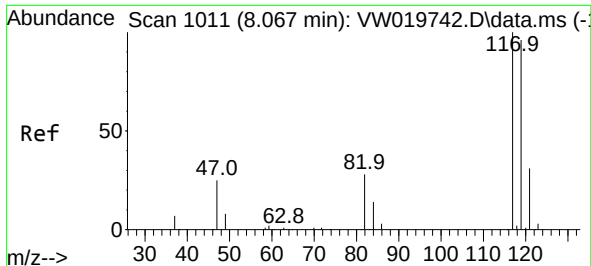


#30
1,1,1-Trichloroethane
Concen: 25.395 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08



Tgt Ion:	97	Resp:	66723
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.2
61	47.0	37.8	56.6

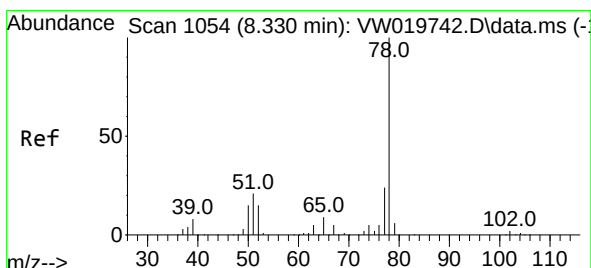
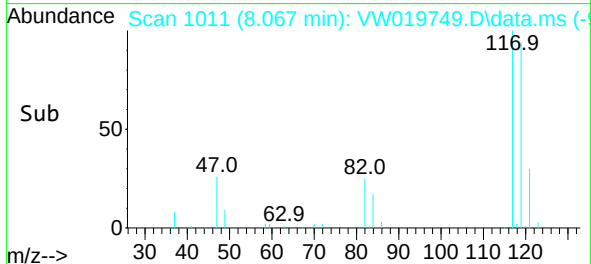
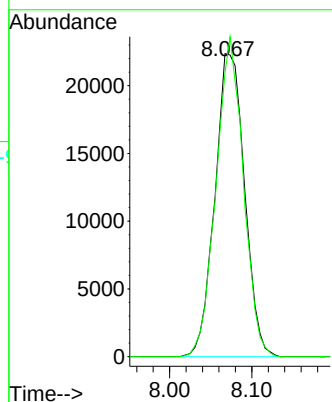
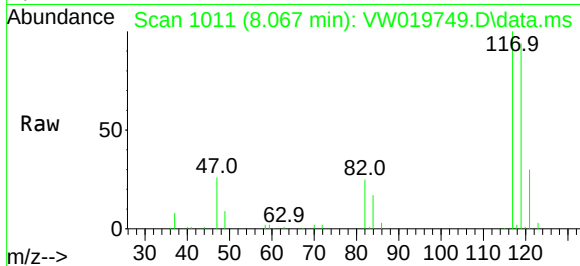




#31
Carbon tetrachloride
Concen: 23.128 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

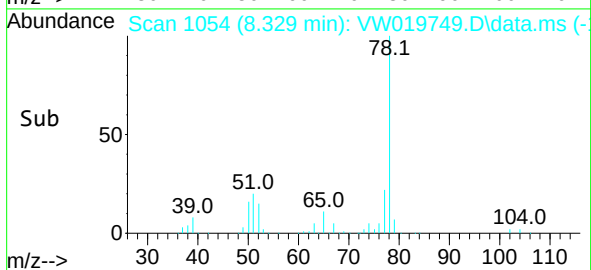
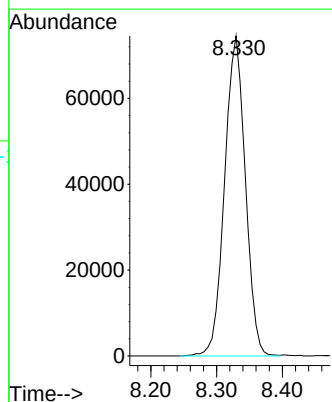
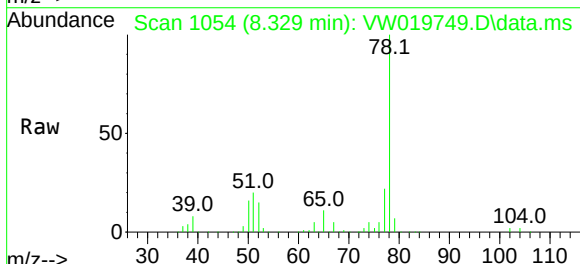
Instrument :
MSVOA_W
ClientSampled :

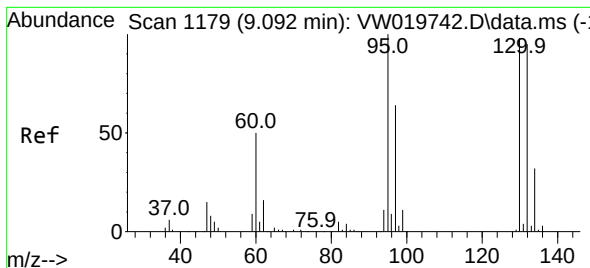
Tgt Ion:117 Resp: 56081
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7



#33
Benzene
Concen: 23.003 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 78 Resp: 163589



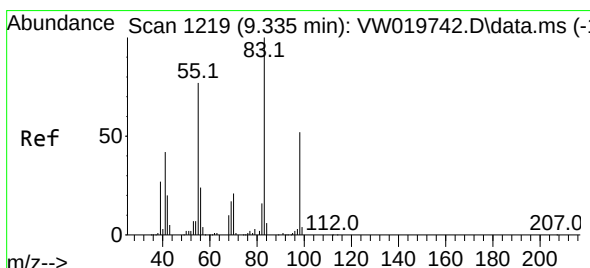
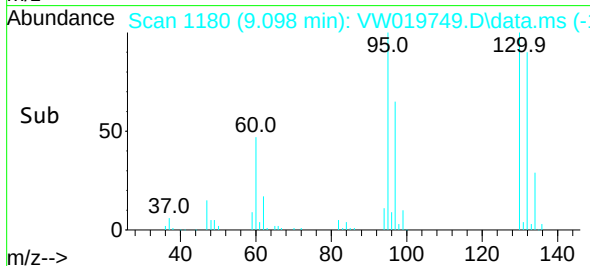
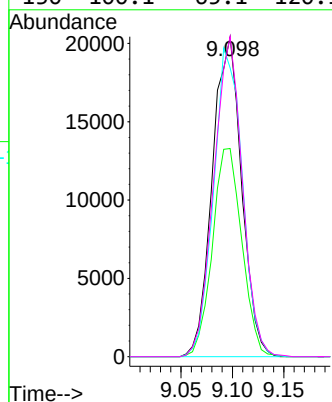
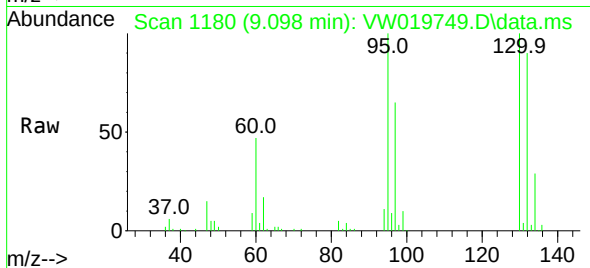


#34
Trichloroethene
Concen: 22.841 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 40274

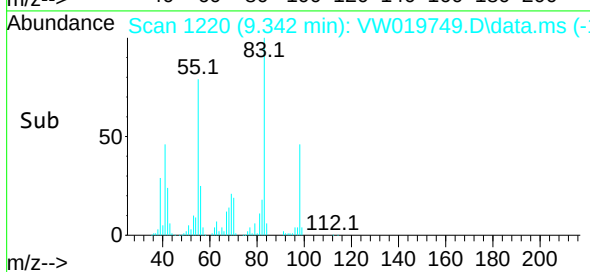
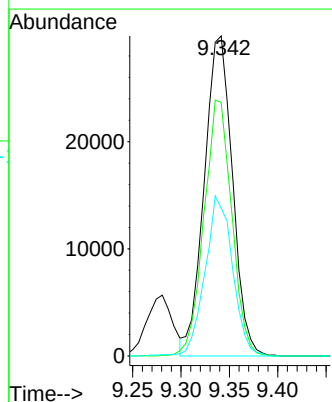
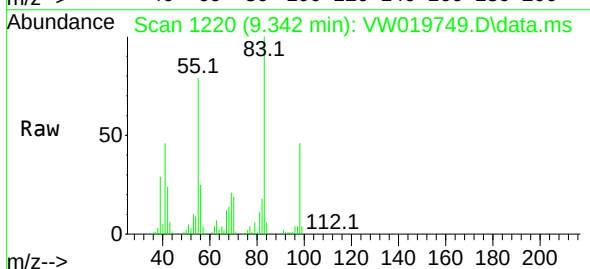
Ion	Ratio	Lower	Upper
95	100		
97	65.1	47.3	87.8
132	90.4	71.0	131.8
130	100.1	65.1	120.9

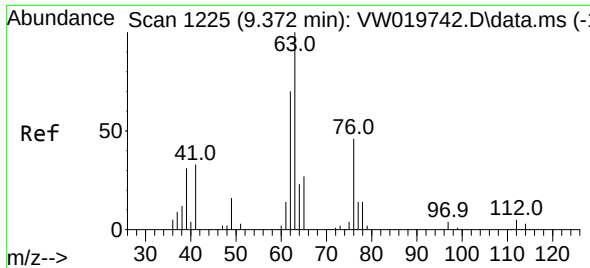


#35
Methylcyclohexane
Concen: 20.780 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 83 Resp: 60631

Ion	Ratio	Lower	Upper
83	100		
55	78.8	58.9	88.3
98	48.7	40.1	60.1

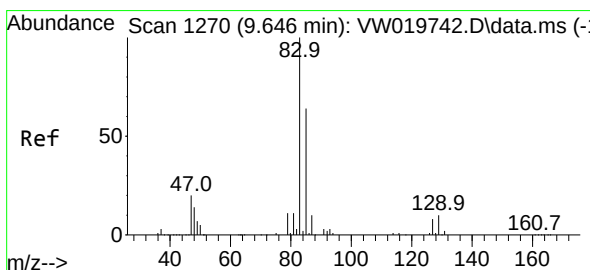
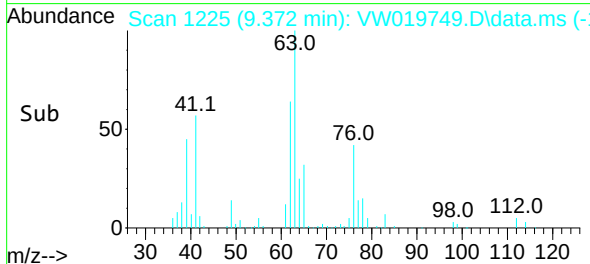
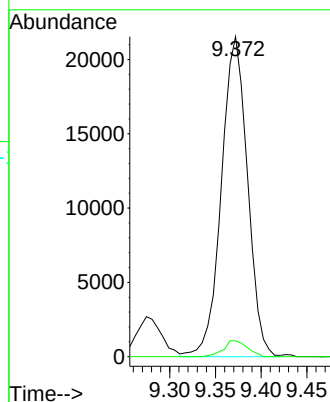
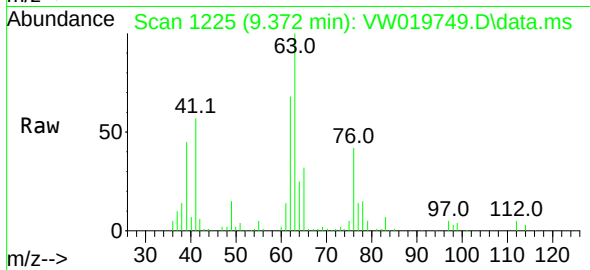




#37
1,2-Dichloropropane
Concen: 24.085 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

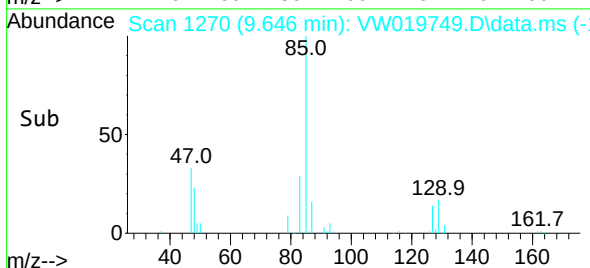
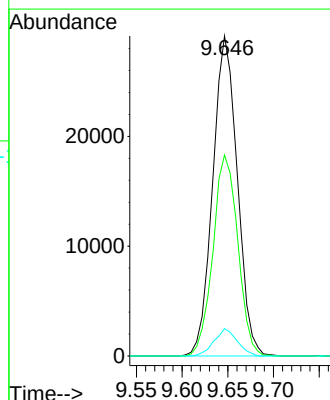
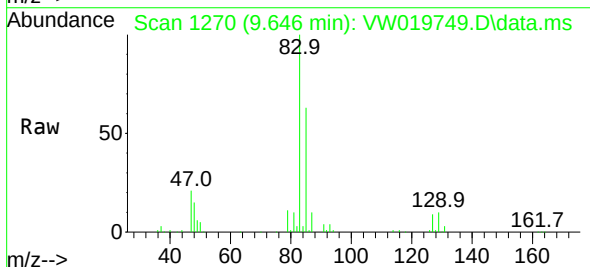
Instrument :
MSVOA_W
ClientSampled :

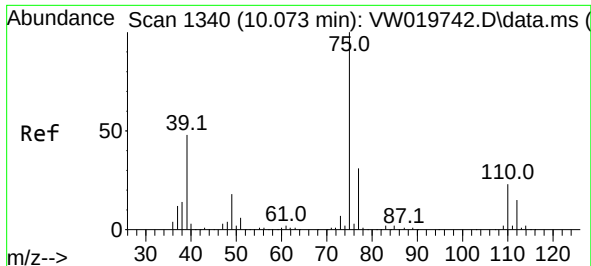
Tgt Ion: 63 Resp: 42808
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 24.195 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 83 Resp: 54470
Ion Ratio Lower Upper
83 100
85 62.8 42.3 78.5
127 8.5 6.6 9.8

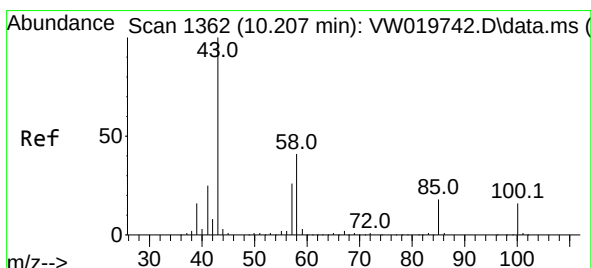
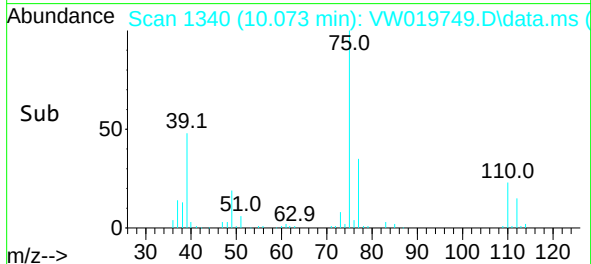
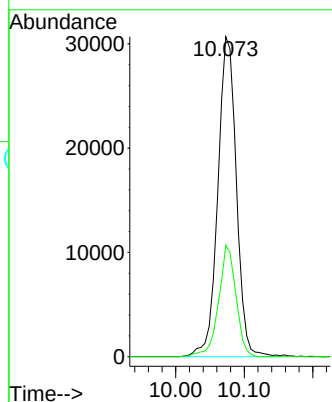
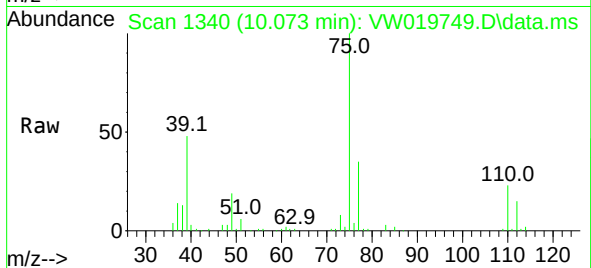




#39
cis-1,3-Dichloropropene
Concen: 21.249 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

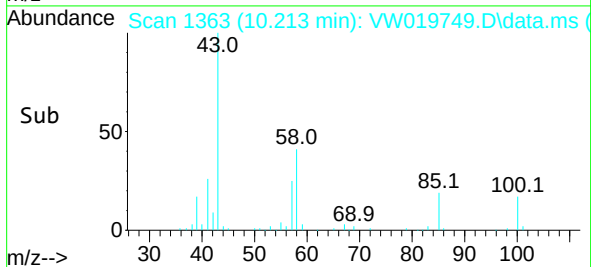
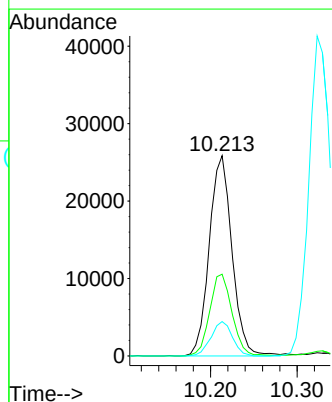
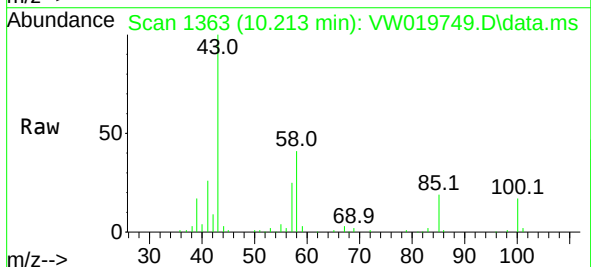
Instrument :
MSVOA_W
ClientSampled :

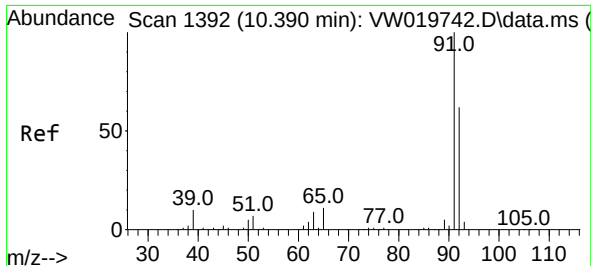
Tgt Ion: 75 Resp: 57623
Ion Ratio Lower Upper
75 100
77 34.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 43.286 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 43 Resp: 47281
Ion Ratio Lower Upper
43 100
58 40.0 31.0 46.4
100 16.2 13.0 19.6

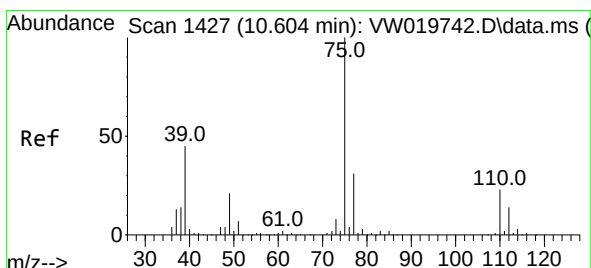
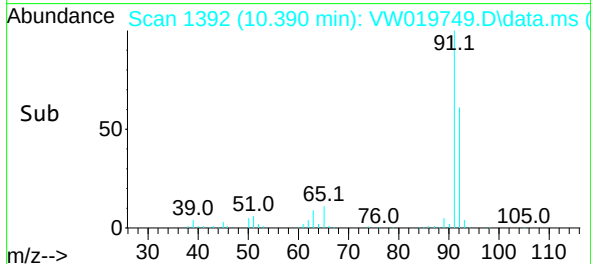
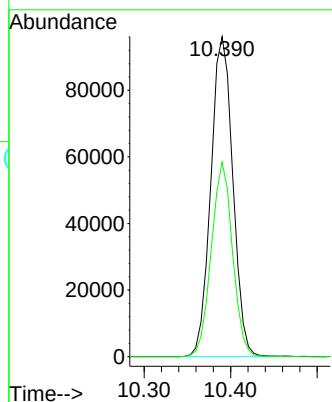
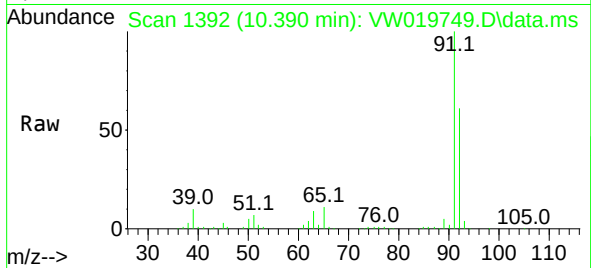




#42
Toluene
Concen: 22.726 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

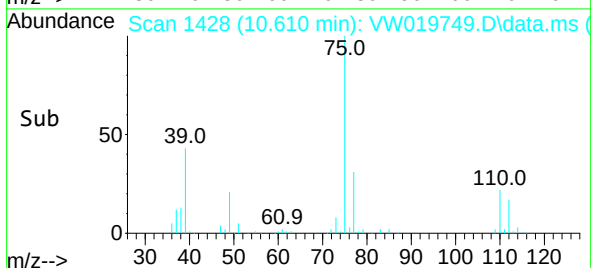
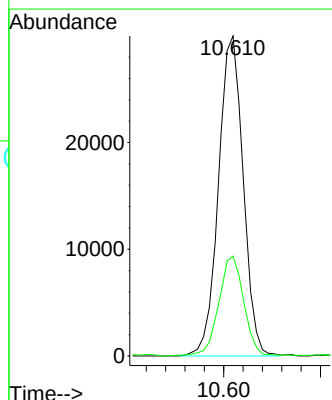
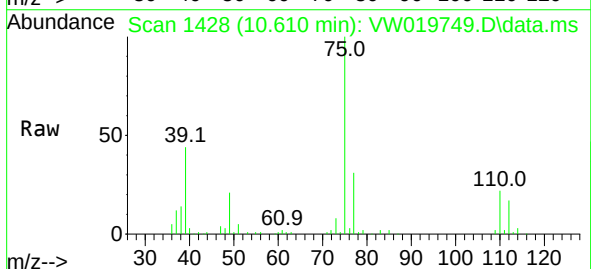
Instrument :
MSVOA_W
ClientSampled :

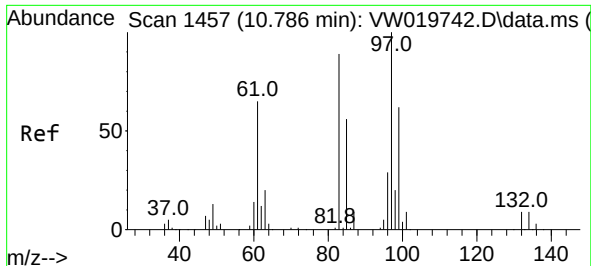
Tgt Ion: 91 Resp: 169682
Ion Ratio Lower Upper
91 100
92 60.8 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 22.334 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion: 75 Resp: 53037
Ion Ratio Lower Upper
75 100
77 31.2 21.1 39.1





#45

1,1,2-Trichloroethane

Concen: 24.905 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW019749.D

Acq: 16 Aug 2021 13:08

Tgt Ion: 97 Resp: 32738

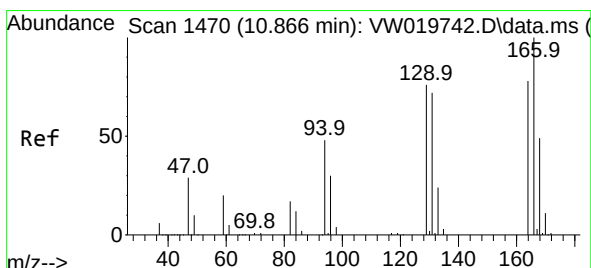
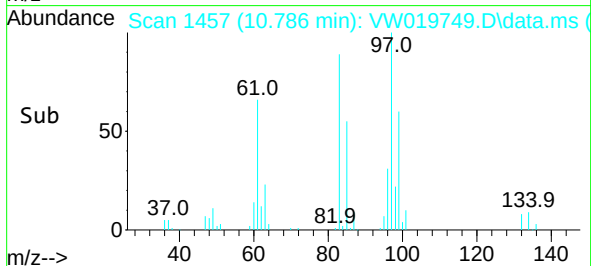
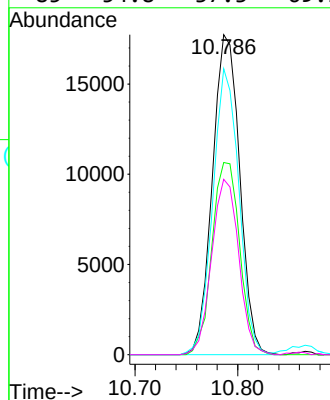
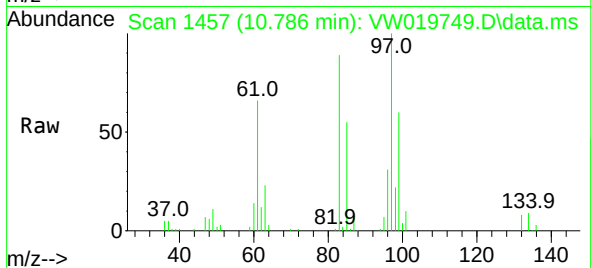
Ion Ratio Lower Upper

97 100

99 60.1 45.1 83.7

83 89.3 58.1 107.9

85 54.8 37.3 69.3



#46

Tetrachloroethene

Concen: 23.611 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW019749.D

Acq: 16 Aug 2021 13:08

Tgt Ion: 164 Resp: 31303

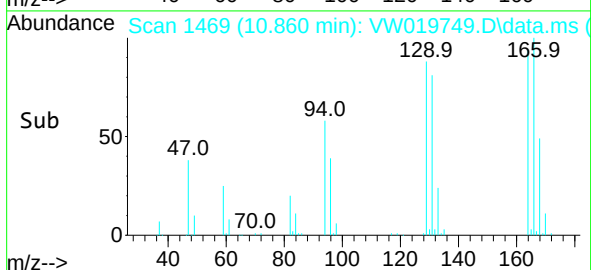
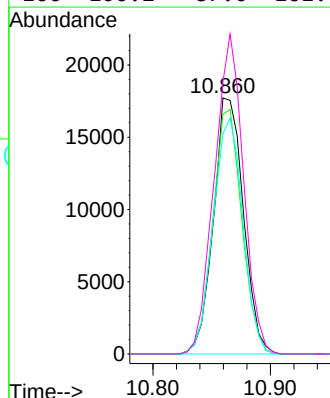
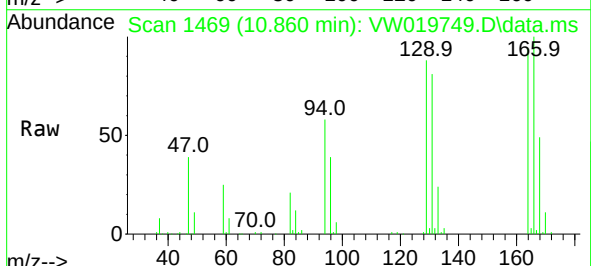
Ion Ratio Lower Upper

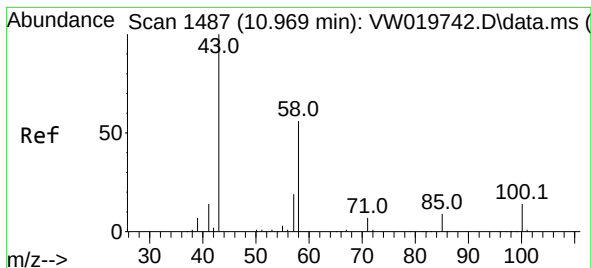
164 100

129 93.7 66.7 123.9

131 86.0 61.1 113.5

166 106.2 87.0 161.6

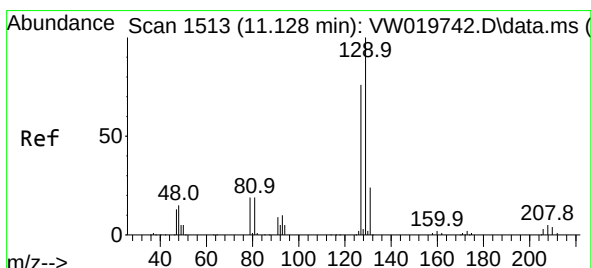
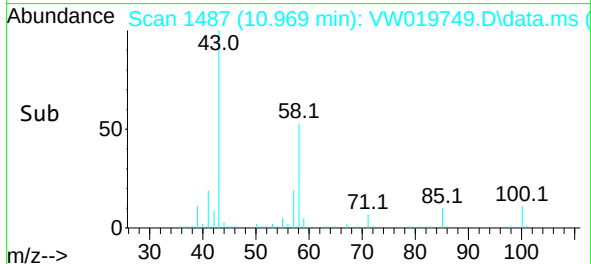
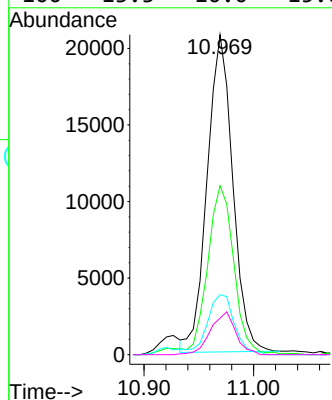
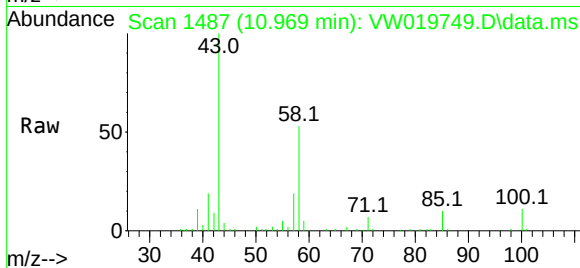




#48
2-Hexanone
Concen: 44.754 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

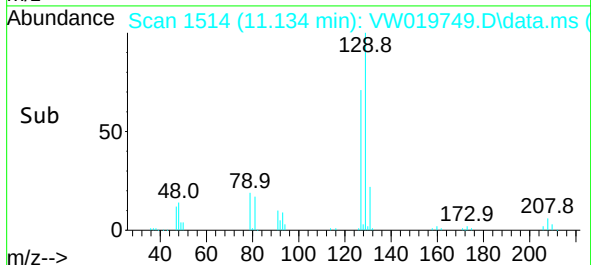
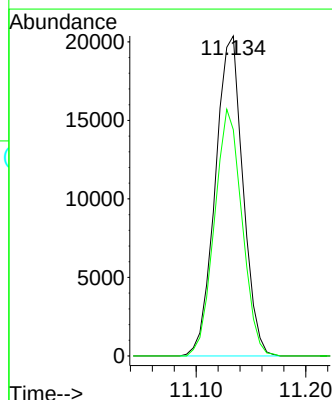
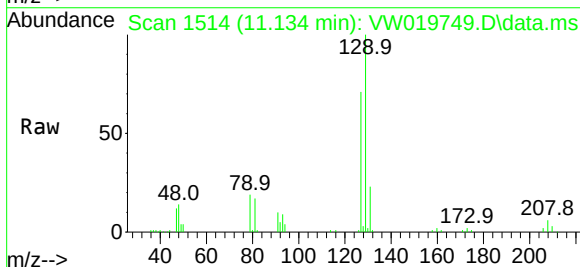
Instrument :
MSVOA_W
ClientSampled :

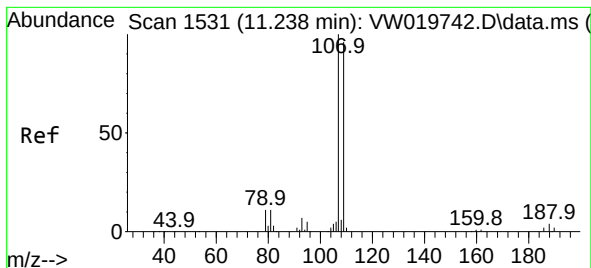
Tgt Ion: 43 Resp: 33630
Ion Ratio Lower Upper
43 100
58 53.8 42.7 64.1
57 19.8 15.8 23.8
100 13.3 10.0 15.0



#49
Dibromochloromethane
Concen: 24.511 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

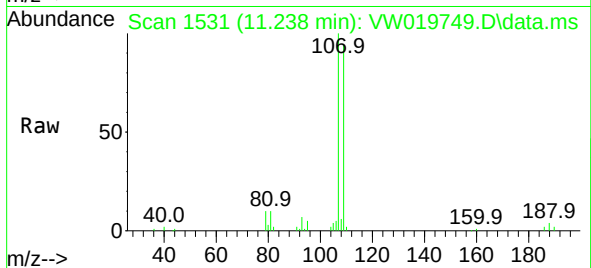
Tgt Ion: 129 Resp: 35701
Ion Ratio Lower Upper
129 100
127 70.7 51.7 95.9



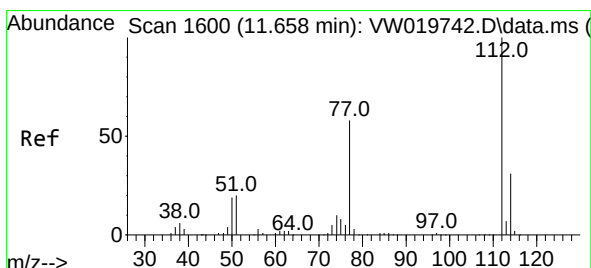
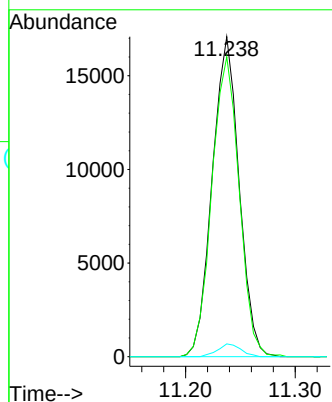
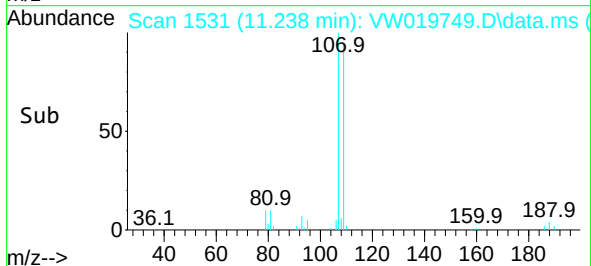


#50
1,2-Dibromoethane
Concen: 23.250 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

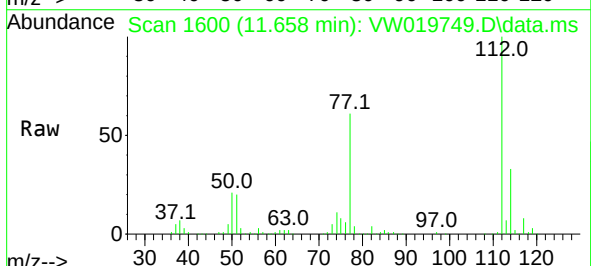
Instrument :
MSVOA_W
ClientSampleId :



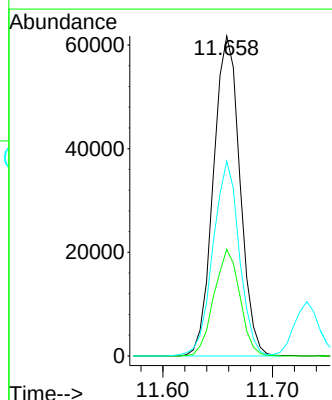
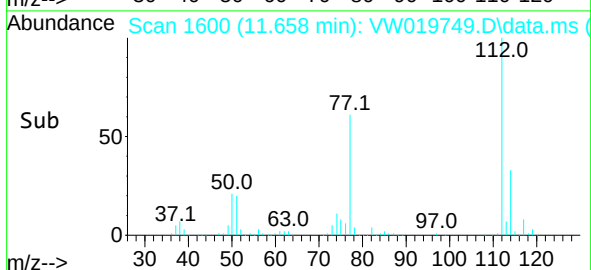
Tgt Ion:107 Resp: 29084
Ion Ratio Lower Upper
107 100
109 93.7 65.4 121.4
188 4.0 2.6 4.0#

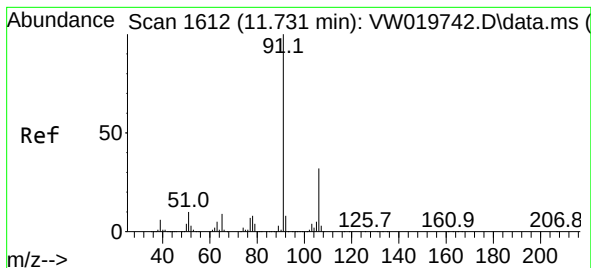


#51
Chlorobenzene
Concen: 22.761 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08



Tgt Ion:112 Resp: 103919
Ion Ratio Lower Upper
112 100
114 33.4 23.4 43.6
77 60.9 47.6 71.4

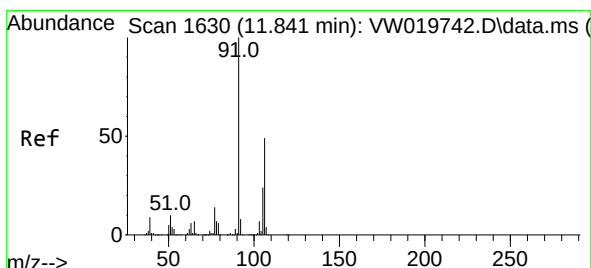
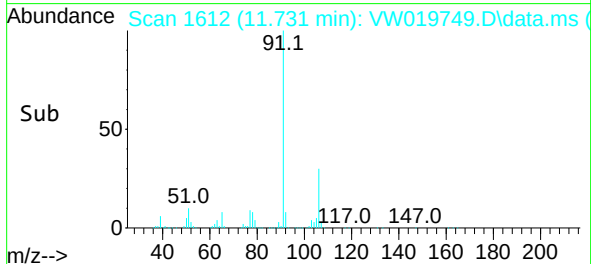
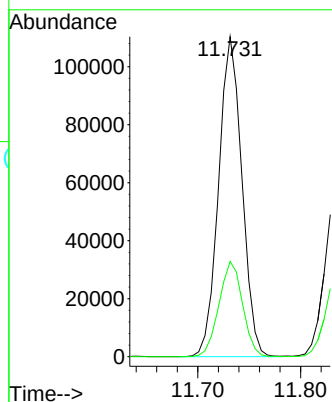
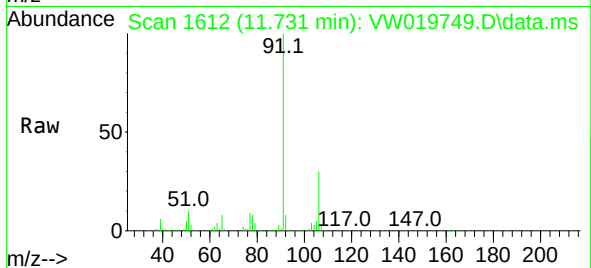




#52
Ethylbenzene
Concen: 22.189 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

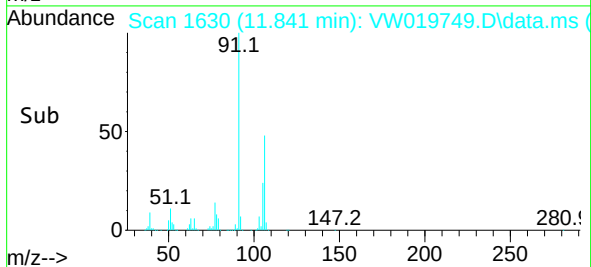
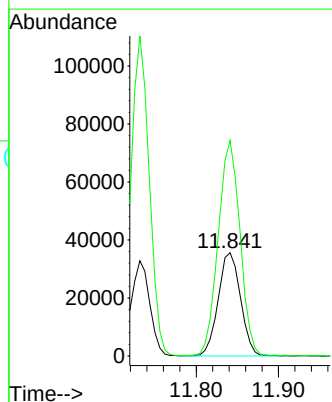
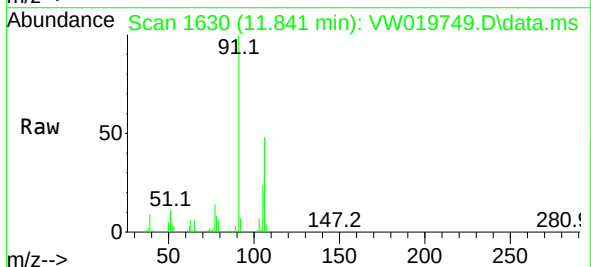
Instrument :
MSVOA_W
ClientSampleId :

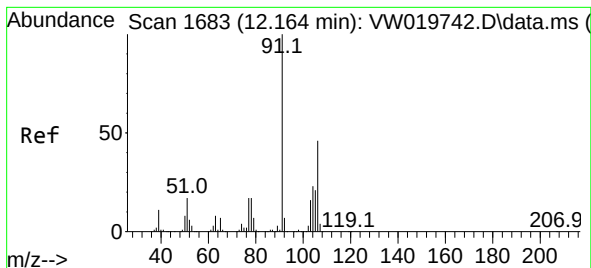
Tgt Ion: 91 Resp: 173638
Ion Ratio Lower Upper
91 100
106 29.7 22.5 41.7



#53
m,p-Xylene
Concen: 22.599 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion:106 Resp: 67325
Ion Ratio Lower Upper
106 100
91 208.7 141.3 262.3

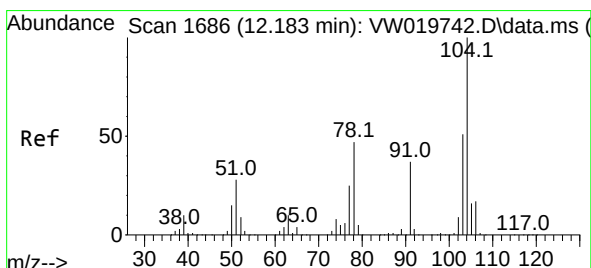
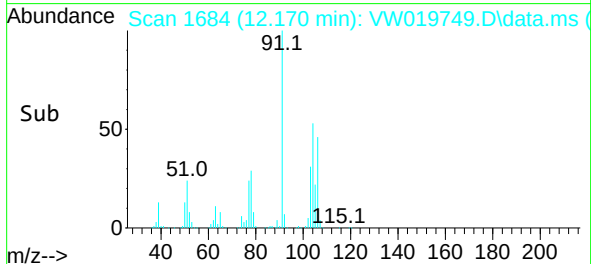
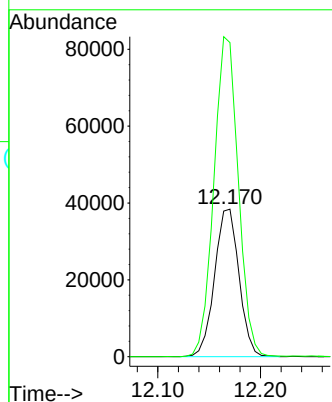
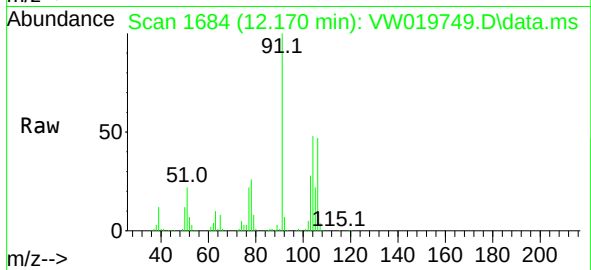




#54
o-Xylene
Concen: 22.062 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

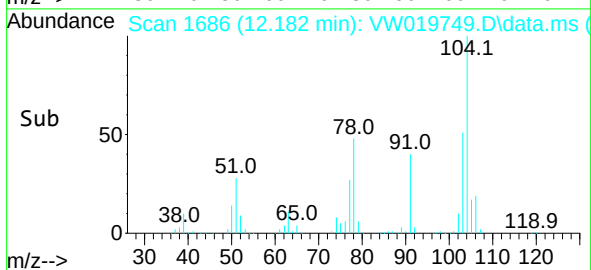
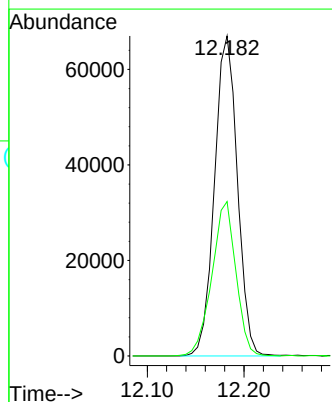
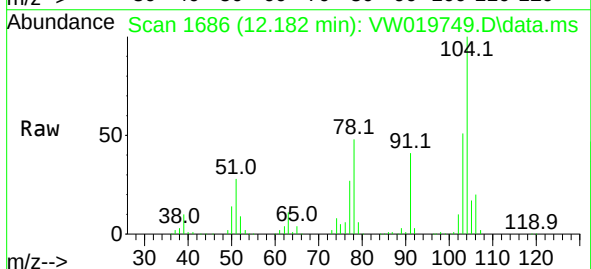
Instrument :
MSVOA_W
ClientSampled :

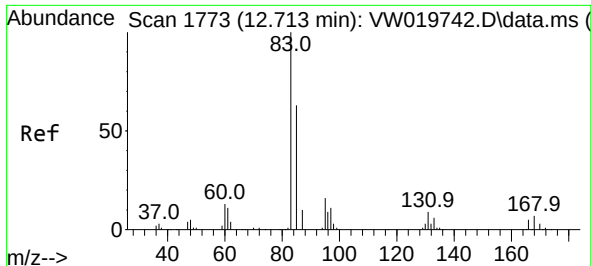
Tgt Ion:106 Resp: 63430
Ion Ratio Lower Upper
106 100
91 212.9 150.0 278.6



#55
Styrene
Concen: 22.293 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion:104 Resp: 110067
Ion Ratio Lower Upper
104 100
78 48.2 32.5 60.3

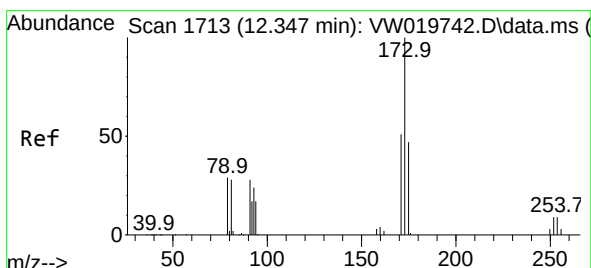
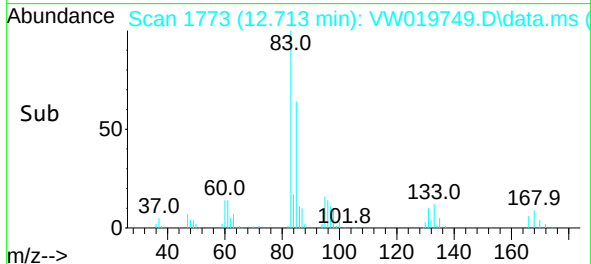
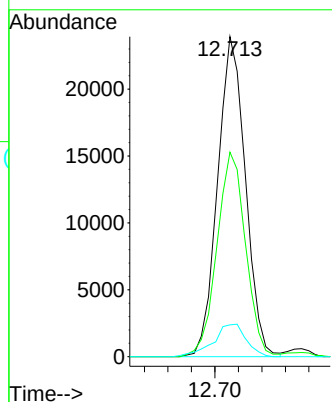
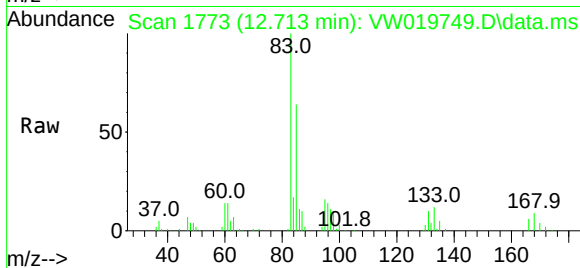




#57
1,1,2,2-Tetrachloroethane
Concen: 23.516 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

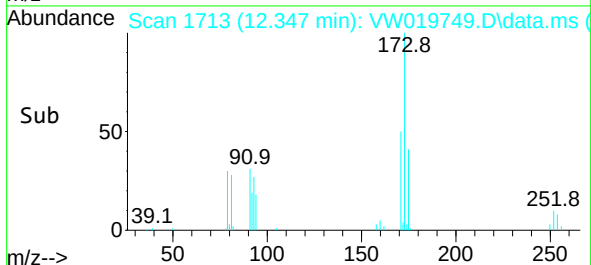
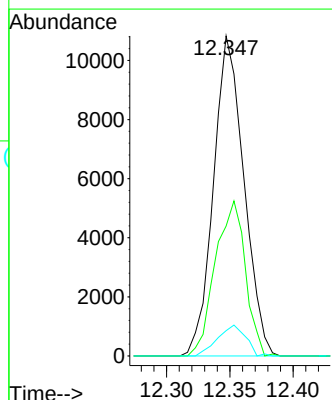
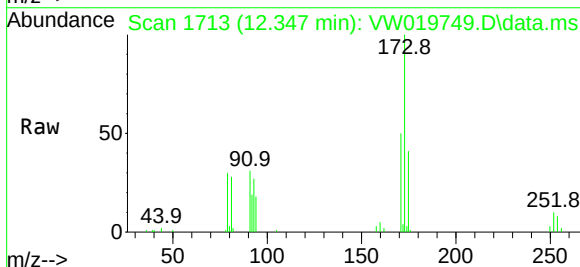
Instrument :
MSVOA_W
ClientSampled :

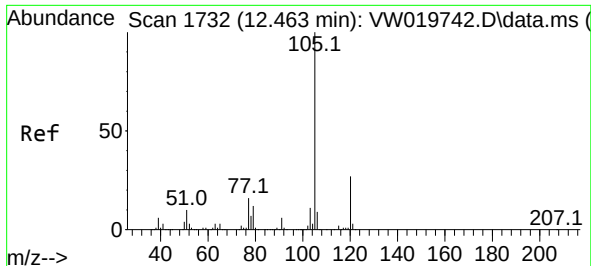
Tgt Ion:	83	Resp:	39334
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.4
131	10.0	8.2	12.4



#59
Bromoform
Concen: 22.894 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

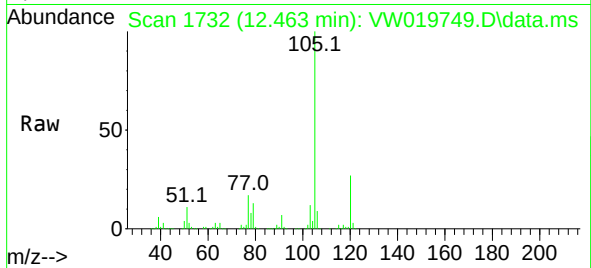
Tgt Ion:	173	Resp:	18125
Ion	Ratio	Lower	Upper
173	100		
175	47.6	37.5	56.3
254	8.8	7.0	10.4



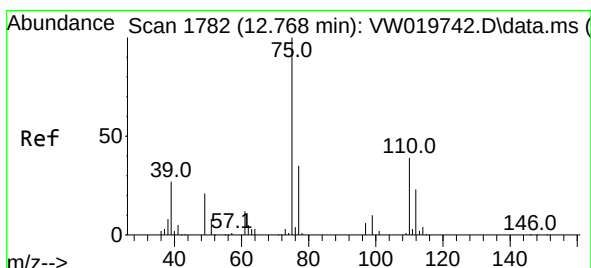
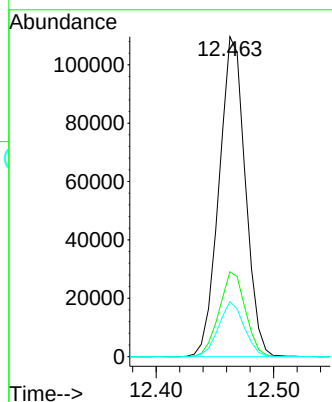
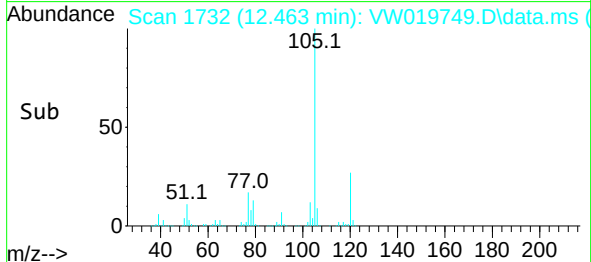


#60
Isopropylbenzene
Concen: 23.899 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

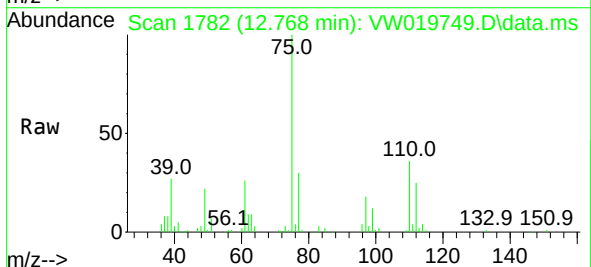
Instrument :
MSVOA_W
ClientSampled :



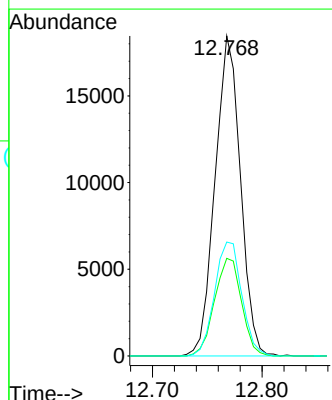
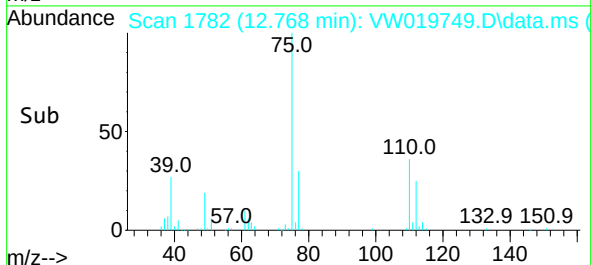
Tgt Ion:105 Resp: 170226
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 16.8 13.2 19.8

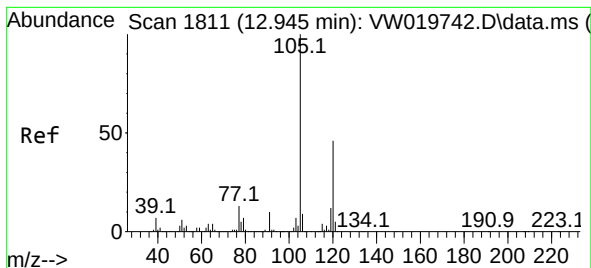


#61
1,2,3-Trichloropropane
Concen: 25.191 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08



Tgt Ion: 75 Resp: 29674
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
110 38.2 32.6 48.8

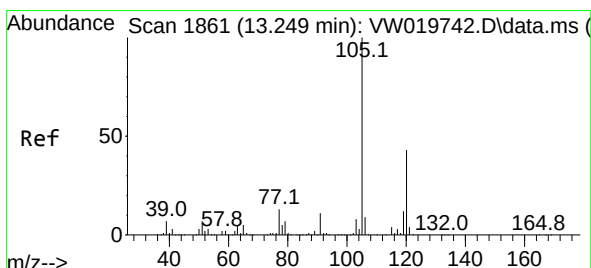
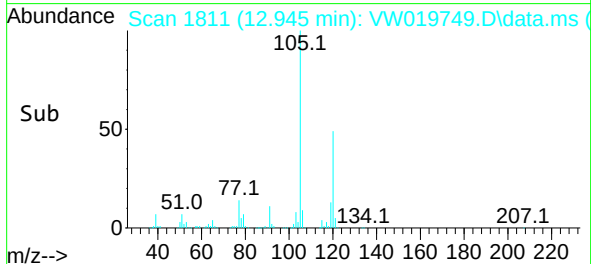
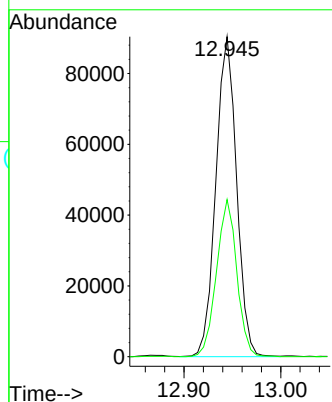
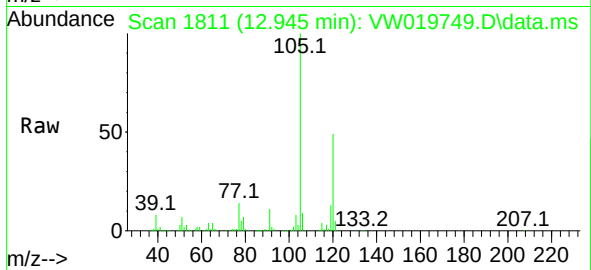




#62
1,3,5-Trimethylbenzene
Concen: 22.673 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

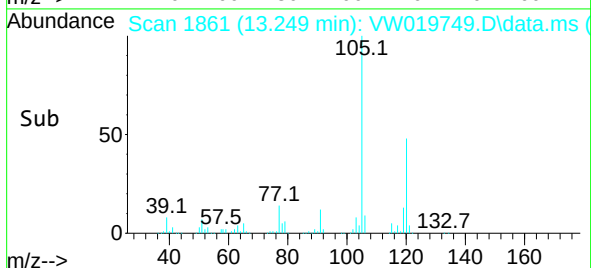
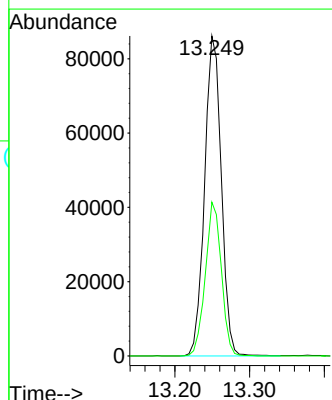
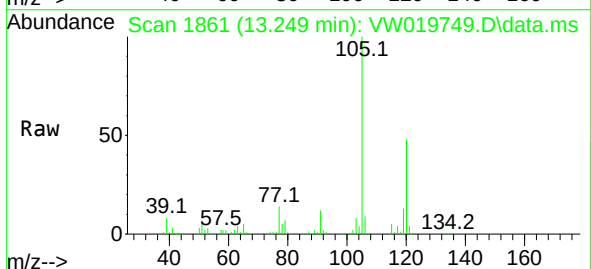
Instrument :
MSVOA_W
ClientSampled :

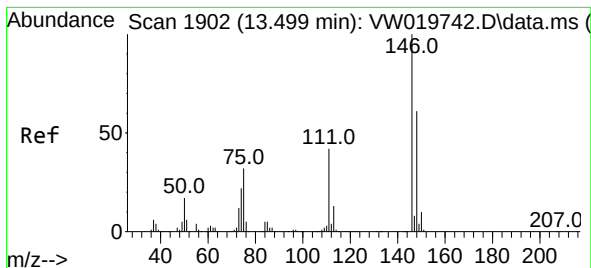
Tgt Ion:105 Resp: 134489
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 21.594 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion:105 Resp: 133620
Ion Ratio Lower Upper
105 100
120 46.2 35.6 53.4

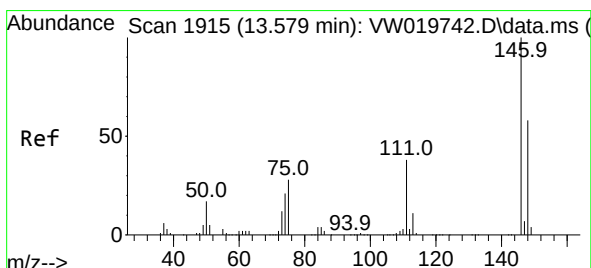
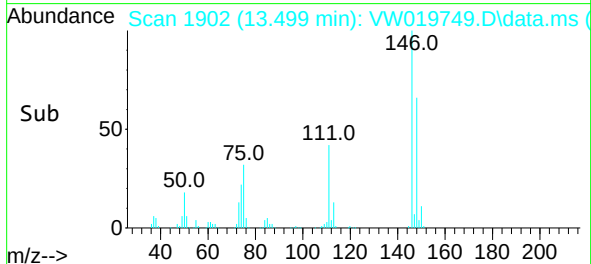
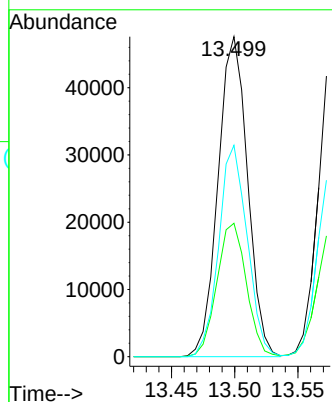
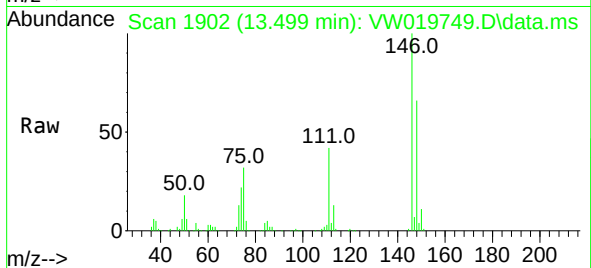




#64
1,3-Dichlorobenzene
Concen: 22.360 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

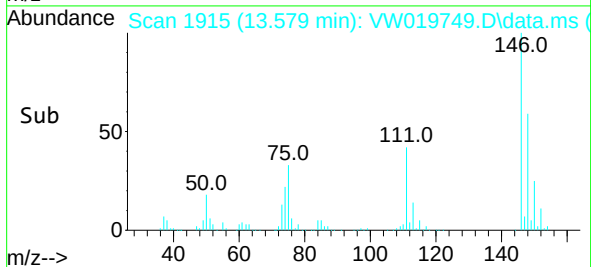
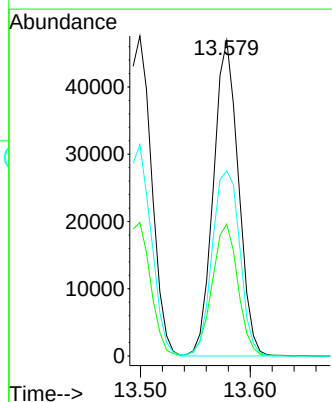
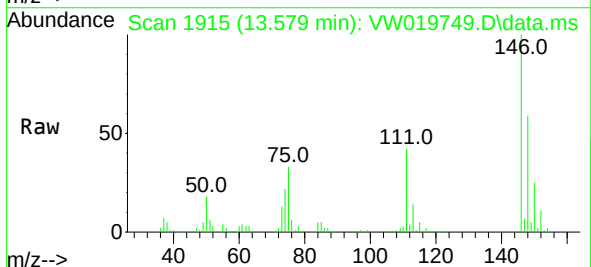
Instrument :
MSVOA_W
ClientSampled :

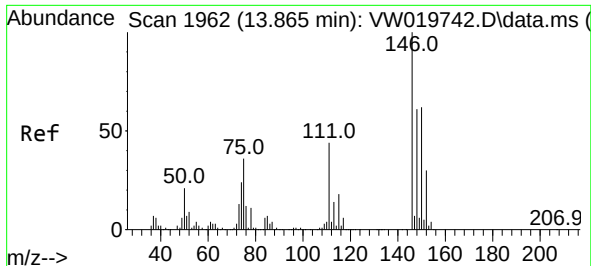
Tgt Ion:146 Resp: 77126
Ion Ratio Lower Upper
146 100
111 41.7 26.7 49.7
148 66.1 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 21.401 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Tgt Ion:146 Resp: 74417
Ion Ratio Lower Upper
146 100
111 41.8 28.8 53.4
148 58.7 46.8 87.0

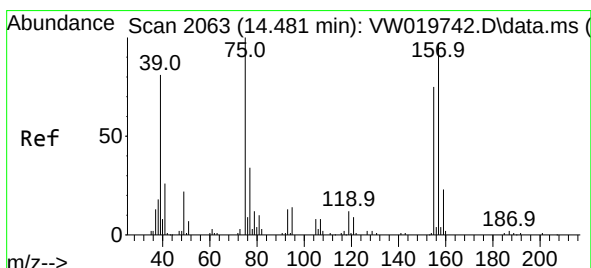
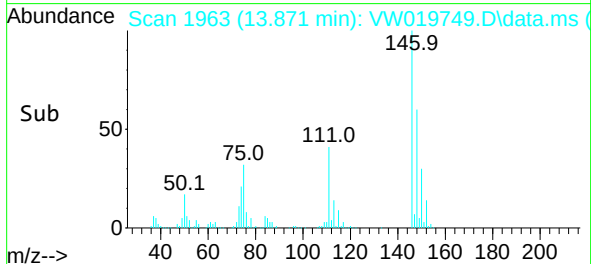
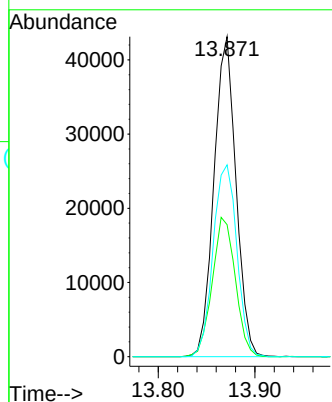
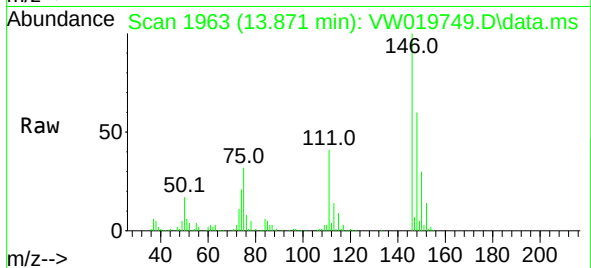




#67
1,2-Dichlorobenzene
Concen: 22.538 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

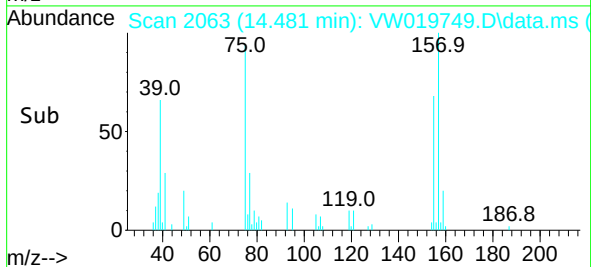
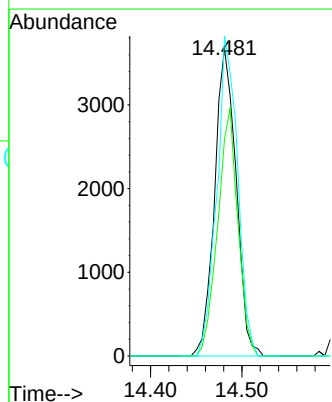
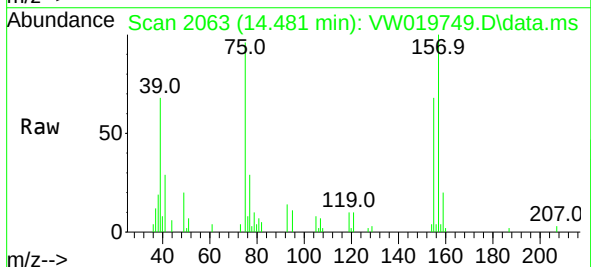
Instrument :
MSVOA_W
ClientSampleId :

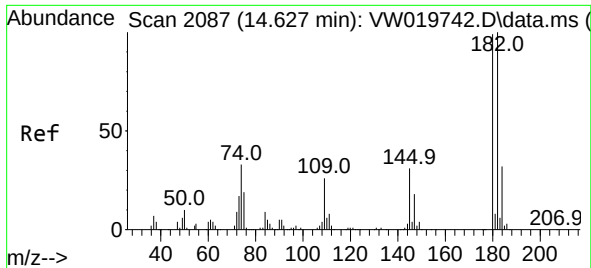
Tgt Ion:146 Resp: 68241
Ion Ratio Lower Upper
146 100
111 41.2 33.2 49.8
148 60.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.116 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

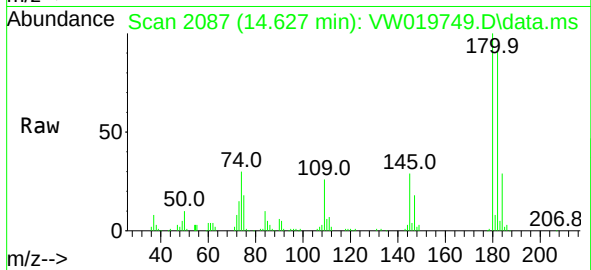
Tgt Ion: 75 Resp: 6003
Ion Ratio Lower Upper
75 100
155 70.6 59.4 89.0
157 104.1 72.2 108.2



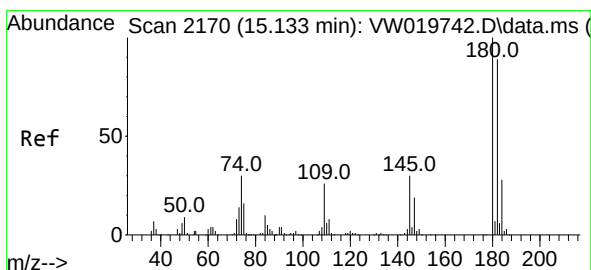
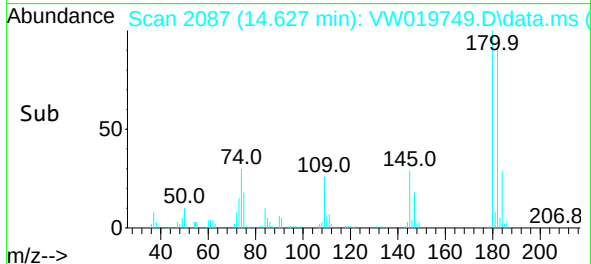
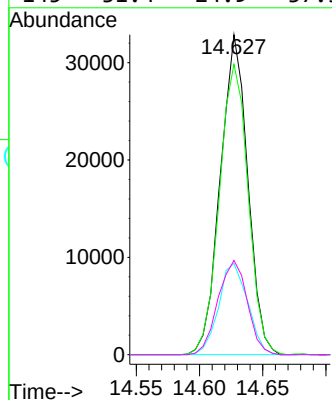


#69
1,3,5-Trichlorobenzene
Concen: 22.500 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

Instrument :
MSVOA_W
ClientSampleId :

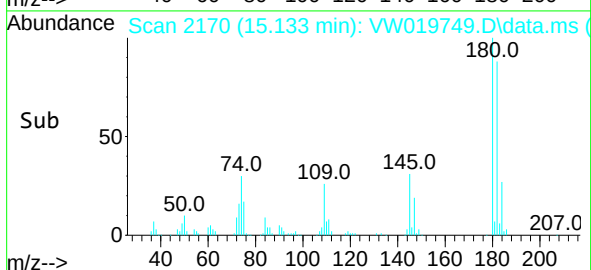
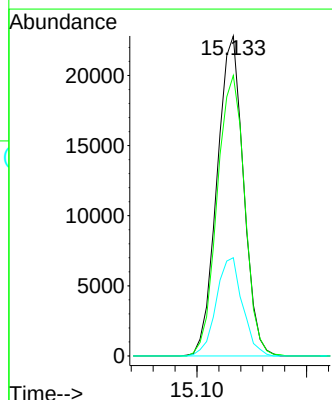
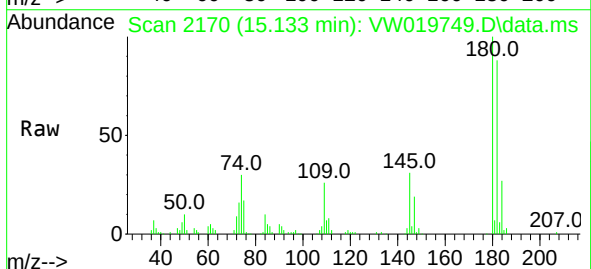


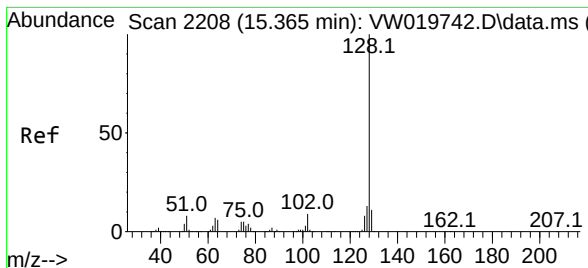
Tgt Ion:180 Resp: 49578
Ion Ratio Lower Upper
180 100
182 95.0 73.4 110.2
184 30.2 23.6 35.4
145 31.4 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 20.657 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

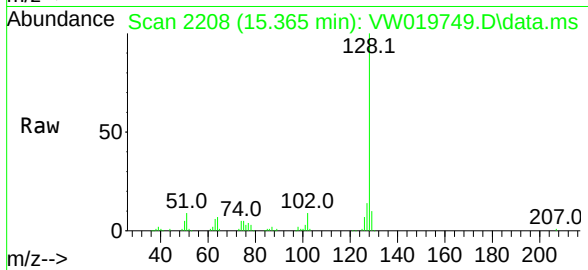
Tgt Ion:180 Resp: 38326
Ion Ratio Lower Upper
180 100
182 90.8 74.7 112.1
145 30.5 25.0 37.4



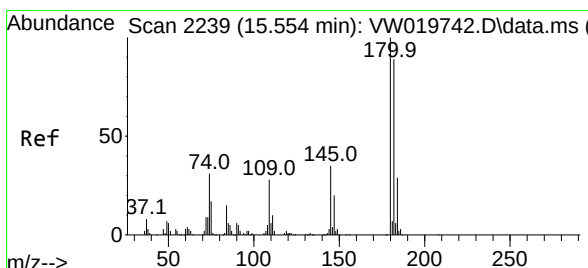
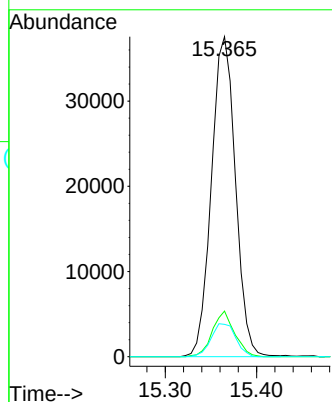
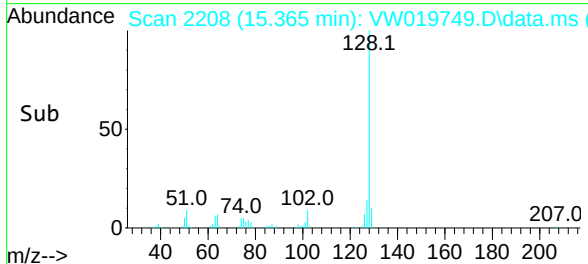


#71
Naphthalene
Concen: 19.012 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08

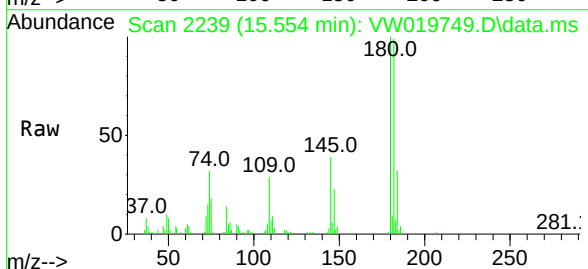
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 68563
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 19.763 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019749.D
Acq: 16 Aug 2021 13:08



Tgt Ion:180 Resp: 32432
Ion Ratio Lower Upper
180 100
182 97.3 76.7 115.1
145 36.3 28.9 43.3

