

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020553.D
 Acq On : 18 Oct 2021 11:18
 Operator : SY/VA
 Sample : M4213-03MSDRE
 Misc : 3.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGE3MSDRE

Quant Time: Oct 19 05:42:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 05:41:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	188656	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	163227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	68166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	73090	26.625	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	106.520%	
7) Chloroethane-d5	2.879	69	45691	31.510	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	126.040%	
11) 1,1-Dichloroethene-d2	4.013	63	140435	24.966	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	99.880%	
21) 2-Butanone-d5	7.080	46	38229	45.759	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	91.520%	
24) Chloroform-d	7.653	84	166273	27.649	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4	8.305	65	89007	25.915	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	103.640%	
32) Benzene-d6	8.275	84	309034	28.783	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	115.120%	
36) 1,2-Dichloropropane-d6	9.274	67	101238	28.931	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	115.720%	
41) Toluene-d8	10.323	98	269115	27.935	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	111.720%	
43) trans-1,3-Dichloroprop...	10.579	79	37656	26.481	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	105.920%	
47) 2-Hexanone-d5	10.927	63	27358	50.822	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	101.640%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	65546	24.781	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	99.120%	
66) 1,2-Dichlorobenzene-d4	13.853	152	67159	25.186	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	100.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31590	25.912	ug/L	95
3) Chloromethane	2.215	50	59528	23.484	ug/L	98
5) Vinyl chloride	2.355	62	81381	22.826	ug/L	98
6) Bromomethane	2.770	94	35672	23.036	ug/L	96
8) Chloroethane	2.916	64	34402	26.132	ug/L	99
9) Trichlorofluoromethane	3.251	101	36209	17.850	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	62378	21.562	ug/L	99
12) 1,1-Dichloroethene	4.038	96	60245	22.713	ug/L	89
13) Acetone	4.129	43	35907	46.814	ug/L	97
14) Carbon disulfide	4.379	76	169009	19.589	ug/L	99
15) Methyl Acetate	4.672	43	26695	18.741	ug/L	99
16) Methylene chloride	4.922	84	67991	18.539	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	61940	22.257	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	88343	22.532	ug/L	100
19) 1,1-Dichloroethane	6.220	63	134538	23.582	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	66615	23.029	ug/L	99
22) 2-Butanone	7.177	43	40692	42.382	ug/L	97
23) Bromochloromethane	7.519	128	28618	22.557	ug/L	96
25) Chloroform	7.677	83	131418	23.695	ug/L	98

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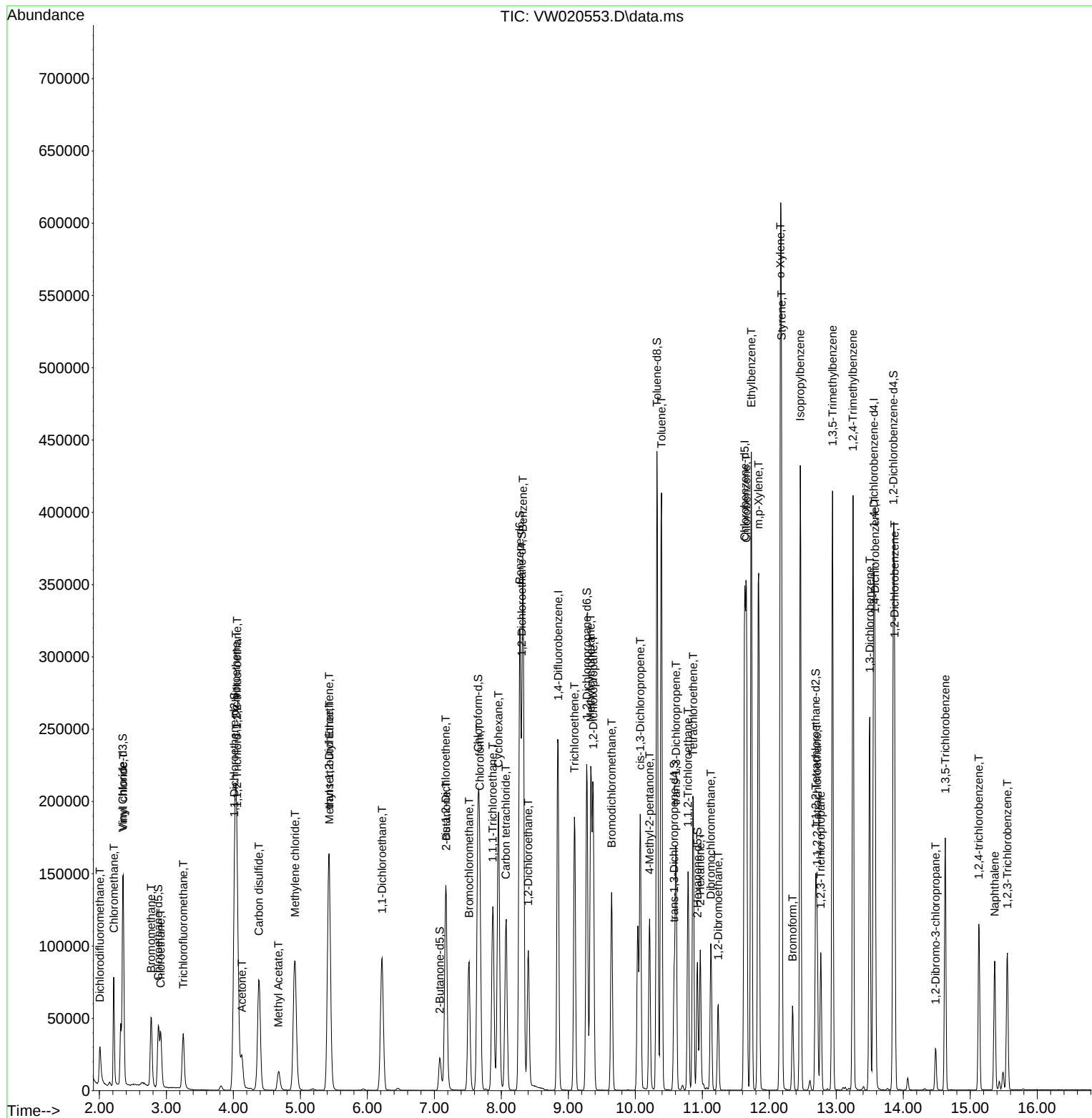
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	84768	22.346	ug/L	100
29) Cyclohexane	7.958	56	99307	20.781	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	99675	24.581	ug/L	99
31) Carbon tetrachloride	8.067	117	84430	23.682	ug/L	100
33) Benzene	8.323	78	287165	24.700	ug/L	100
34) Trichloroethene	9.092	95	67235	23.474	ug/L	95
35) Methylcyclohexane	9.335	83	79262	16.171	ug/L	98
37) 1,2-Dichloropropane	9.372	63	74258	24.664	ug/L	99
38) Bromodichloromethane	9.646	83	89142	24.695	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	102861	24.762	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	80869	44.752	ug/L	99
42) Toluene	10.390	91	285131	24.451	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	88121	24.064	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	44722	23.135	ug/L	98
46) Tetrachloroethene	10.866	164	44318	21.542	ug/L	93
48) 2-Hexanone	10.969	43	62645	47.250	ug/L	99
49) Dibromochloromethane	11.128	129	50561	23.741	ug/L	92
50) 1,2-Dibromoethane	11.238	107	38393	21.622	ug/L	97
51) Chlorobenzene	11.658	112	160000	22.250	ug/L	99
52) Ethylbenzene	11.731	91	290574	22.978	ug/L	98
53) m,p-Xylene	11.841	106	107140	22.867	ug/L	98
54) o-Xylene	12.164	106	100638	23.258	ug/L	90
55) Styrene	12.182	104	174712	23.092	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	49655	20.721	ug/L	100
59) Bromoform	12.347	173	25065	26.248	ug/L	99
60) Isopropylbenzene	12.463	105	253911	25.378	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	38330	25.524	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	201380	24.653	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	202078	24.974	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	95528	22.067	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	96787	21.616	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	88141	22.224	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	7784	24.403	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	48672	15.768	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	33824	13.838	ug/L	98
71) Naphthalene	15.365	128	71649	16.304	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	30380	14.152	ug/L	100

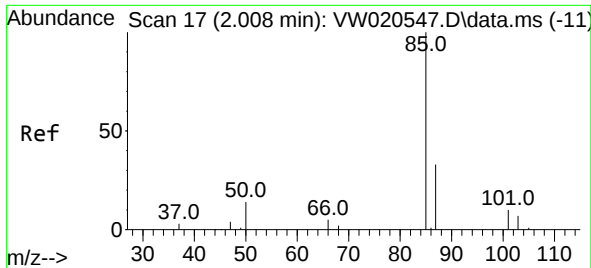
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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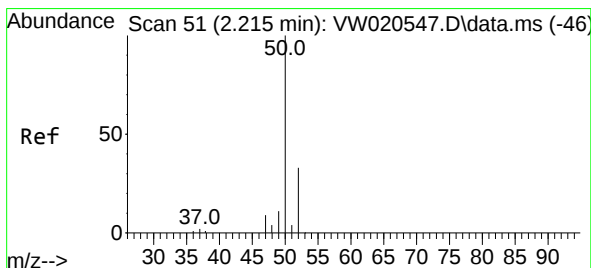
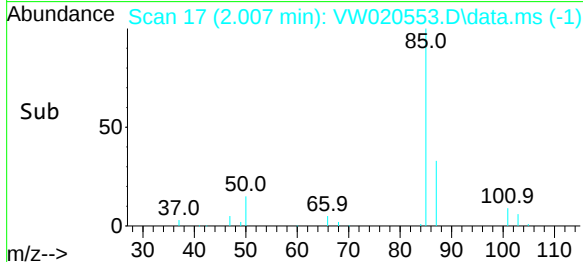
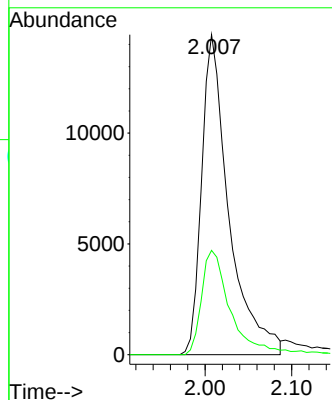
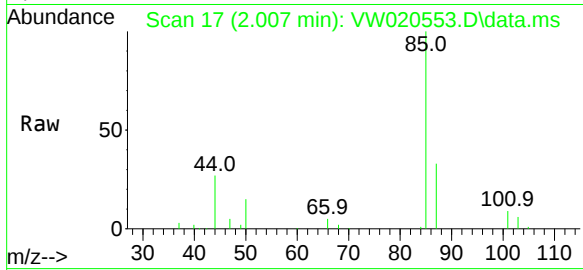




#2
 Dichlorodifluoromethane
 Concen: 25.912 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020553.D
 Acq: 18 Oct 2021 11:18

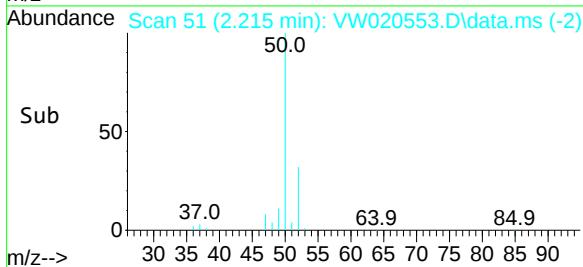
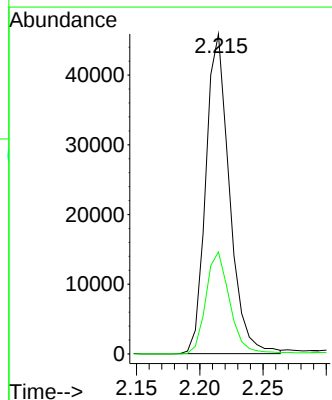
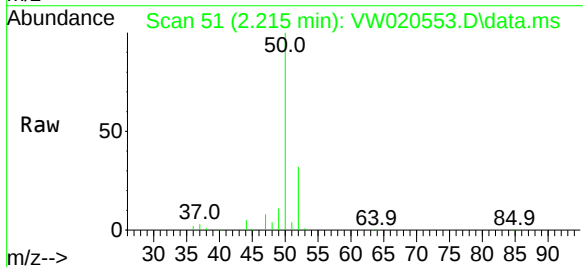
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 MSVOA_W
 ClientSampleId :
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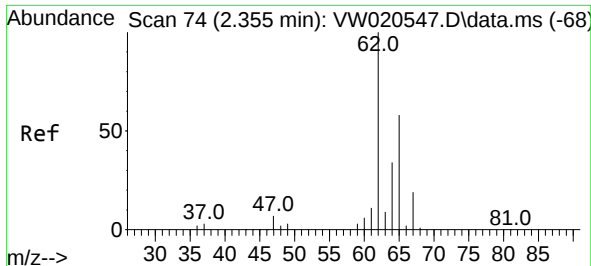
Tgt Ion: 85 Resp: 31590
 Ion Ratio Lower Upper
 85 100
 87 34.1 24.9 37.3



#3
 Chloromethane
 Concen: 23.484 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW020553.D
 Acq: 18 Oct 2021 11:18

Tgt Ion: 50 Resp: 59528
 Ion Ratio Lower Upper
 50 100
 52 31.9 21.5 39.9

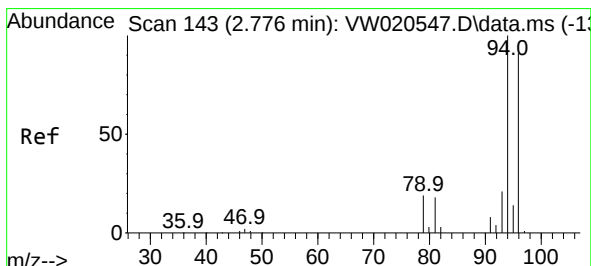
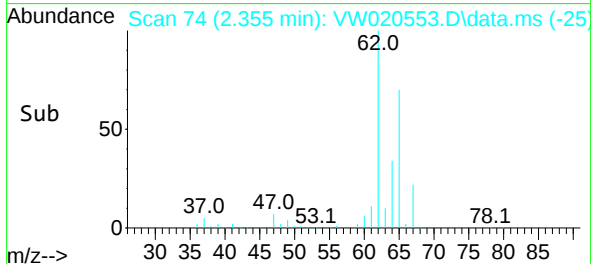
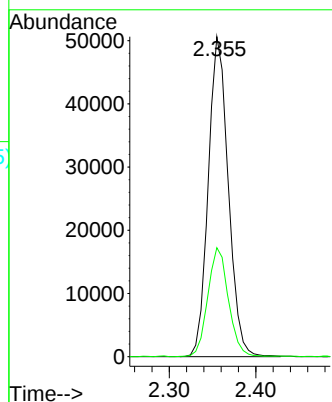
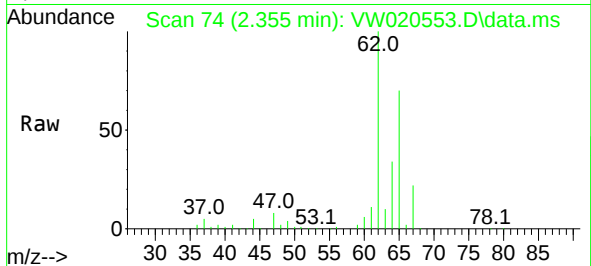




#5
 Vinyl chloride
 Concen: 22.826 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020553.D
 Acq: 18 Oct 2021 11:18

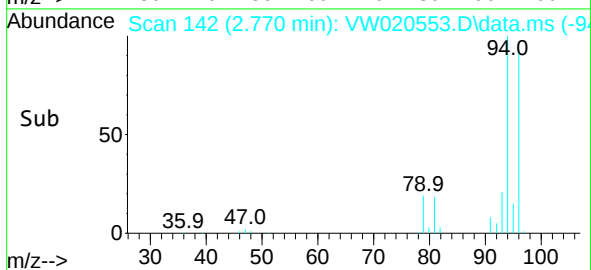
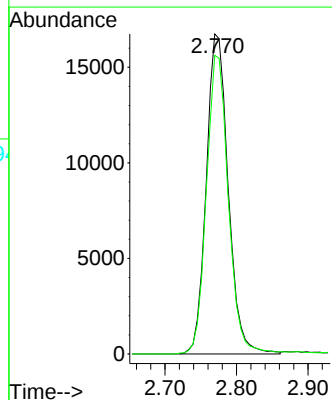
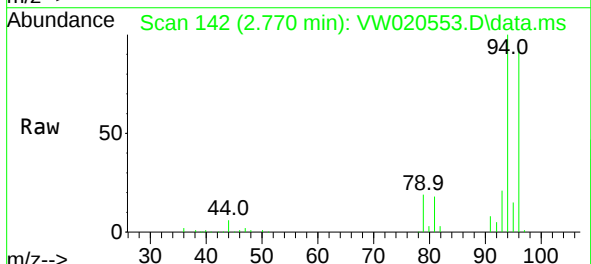
Instrument :
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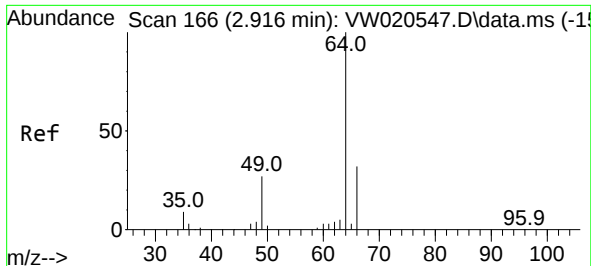
Tgt Ion: 62 Resp: 81381
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.6 45.6



#6
 Bromomethane
 Concen: 23.036 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020553.D
 Acq: 18 Oct 2021 11:18

Tgt Ion: 94 Resp: 35672
 Ion Ratio Lower Upper
 94 100
 96 93.3 67.8 126.0

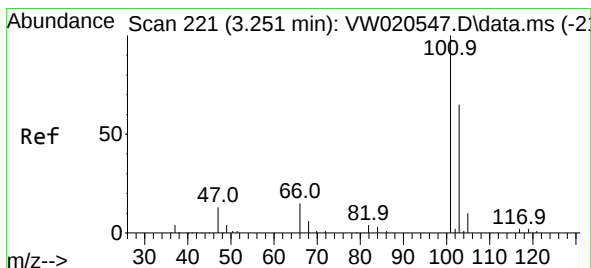
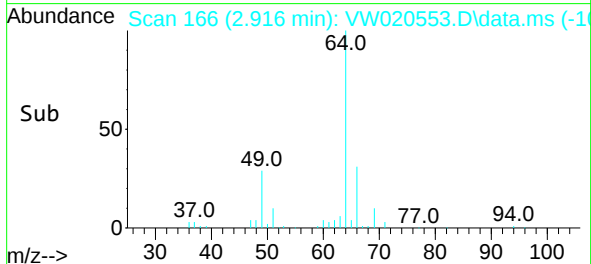
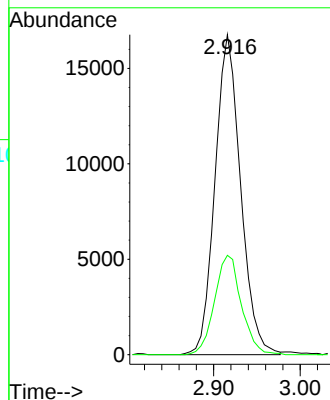
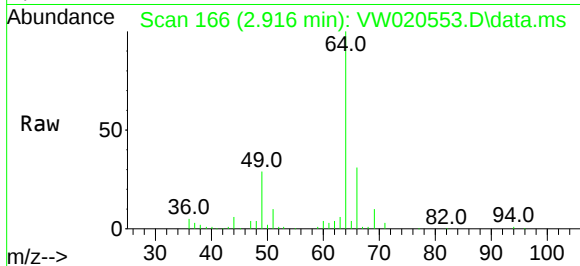




#8
Chloroethane
Concen: 26.132 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

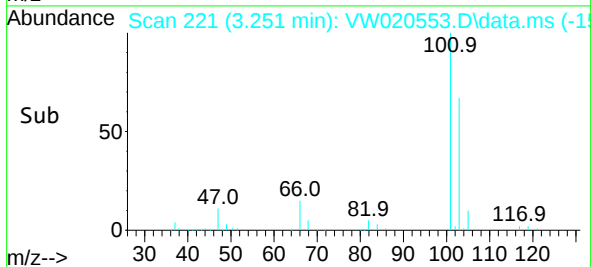
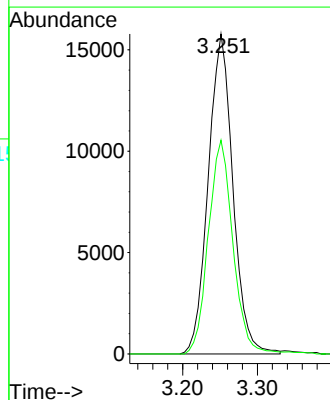
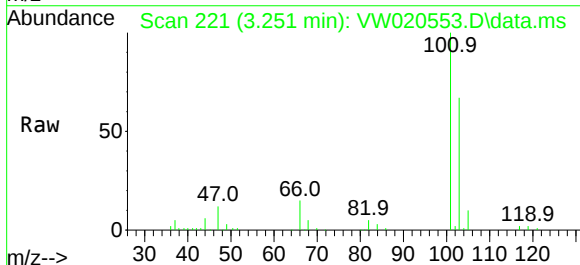
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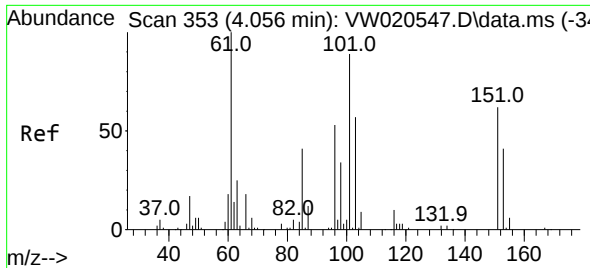
Tgt Ion: 64 Resp: 34402
Ion Ratio Lower Upper
64 100
66 31.0 21.2 39.4



#9
Trichlorofluoromethane
Concen: 17.850 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion:101 Resp: 36209
Ion Ratio Lower Upper
101 100
103 66.3 52.2 78.4

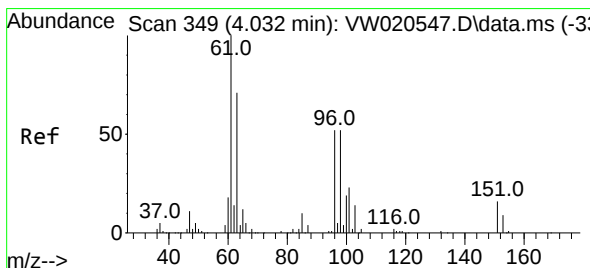
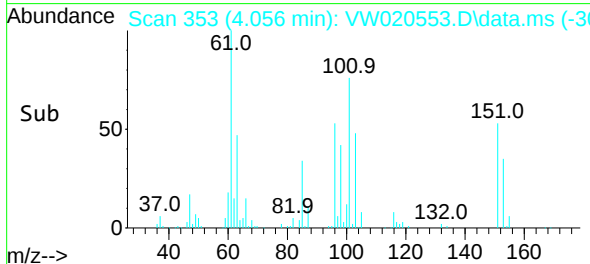
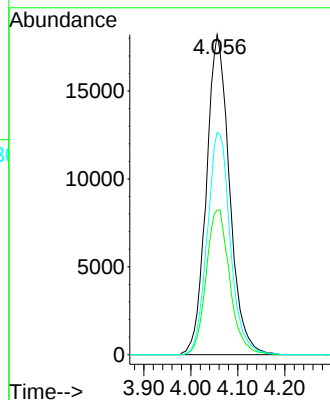
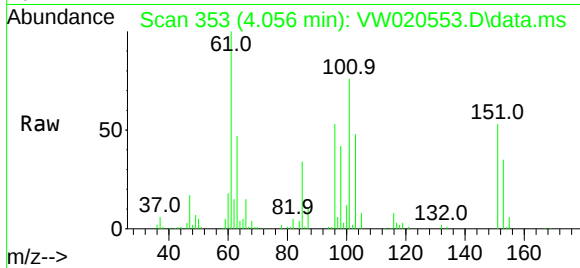




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.562 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW020553.D
 Acq: 18 Oct 2021 11:18

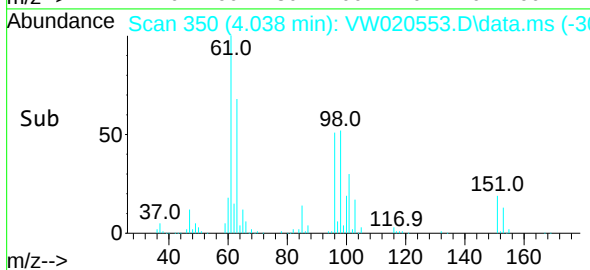
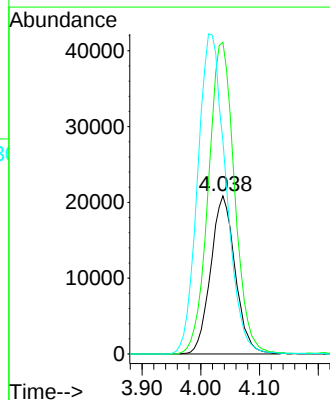
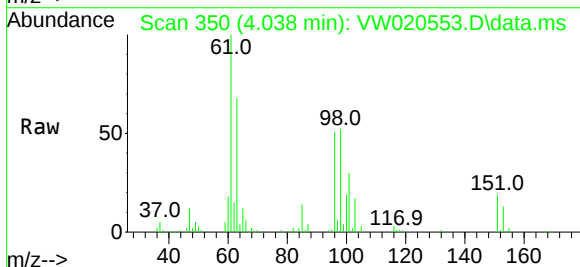
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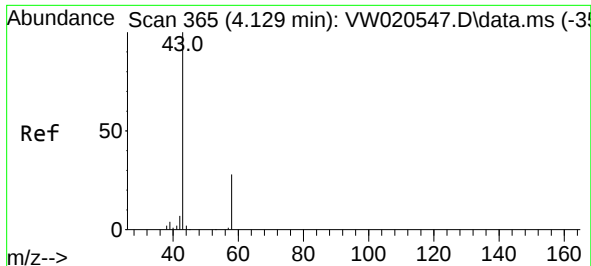
Tgt Ion:101 Resp: 62378
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.3 54.5
 151 69.1 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 22.713 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW020553.D
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Tgt Ion: 96 Resp: 60245
 Ion Ratio Lower Upper
 96 100
 61 197.2 133.9 248.7
 63 134.6 77.3 143.7

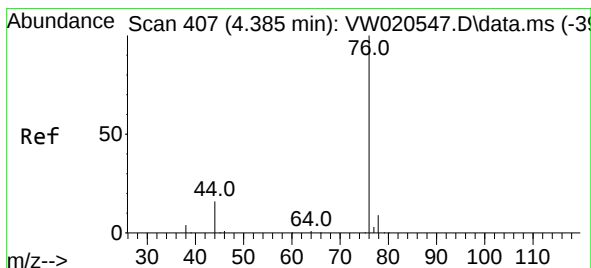
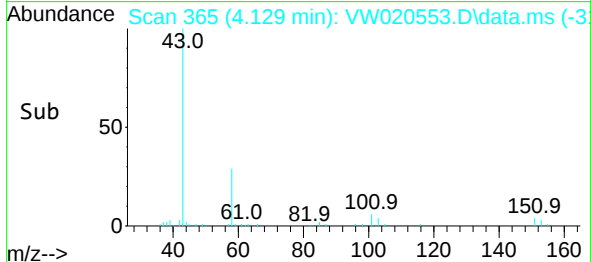
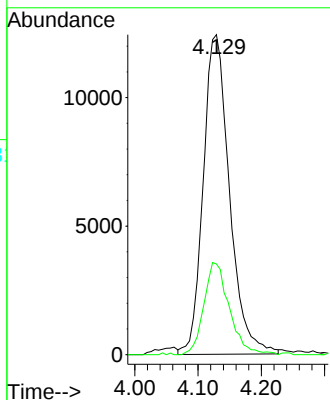
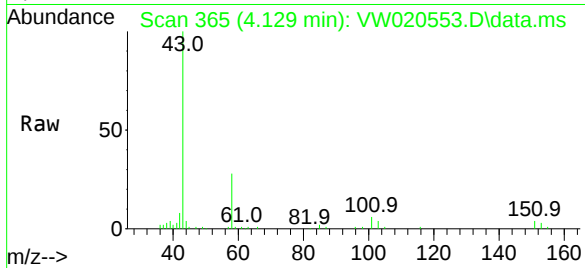




#13
Acetone
Concen: 46.814 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
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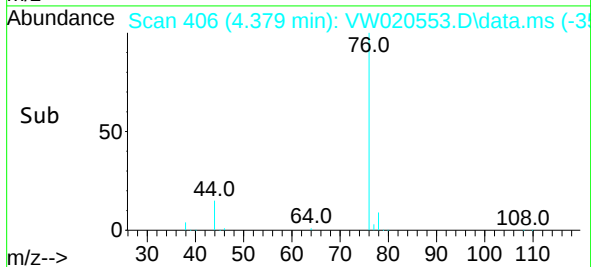
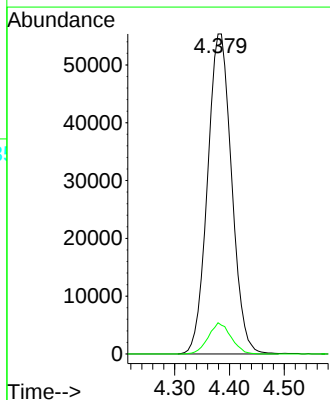
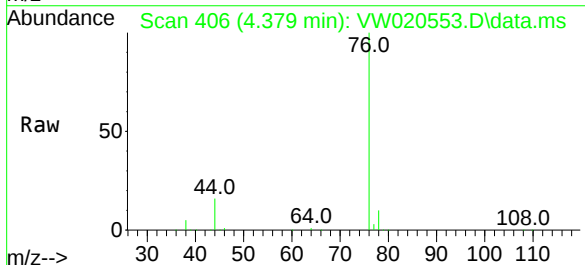
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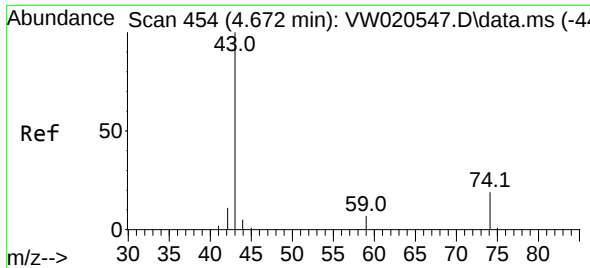
Tgt Ion: 43 Resp: 35907
Ion Ratio Lower Upper
43 100
58 27.7 0.0 58.4



#14
Carbon disulfide
Concen: 19.589 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 169009
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

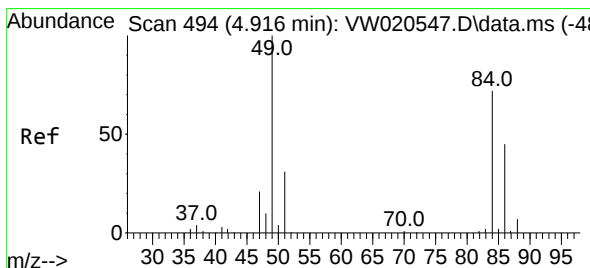
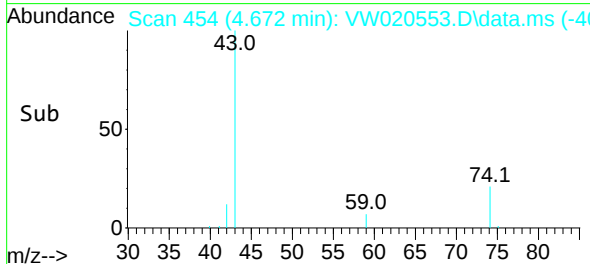
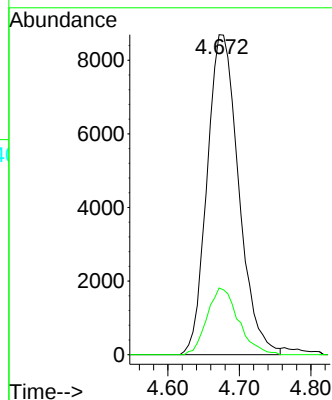
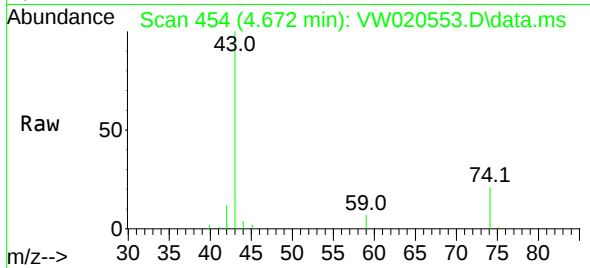




#15
Methyl Acetate
Concen: 18.741 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

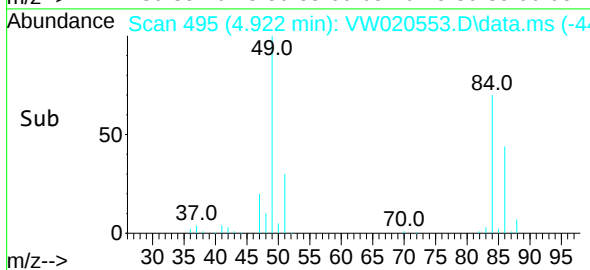
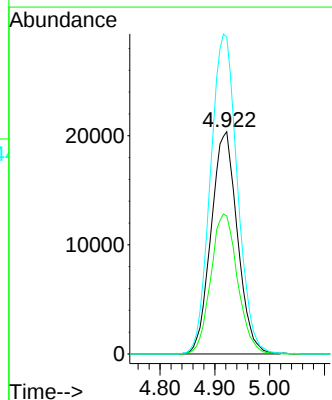
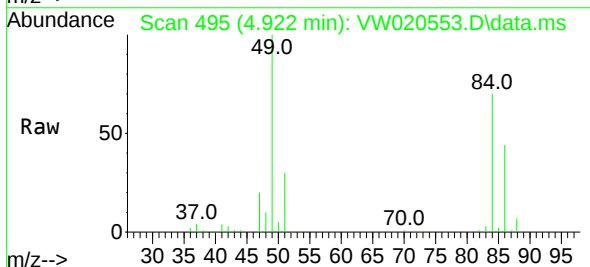
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

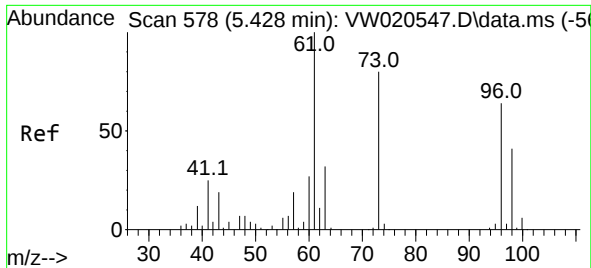
Tgt Ion: 43 Resp: 26695
Ion Ratio Lower Upper
43 100
74 20.7 16.1 24.1



#16
Methylene chloride
Concen: 18.539 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion: 84 Resp: 67991
Ion Ratio Lower Upper
84 100
86 62.1 44.7 83.1
49 142.5 101.7 188.9

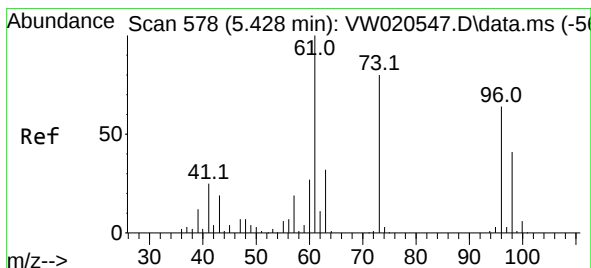
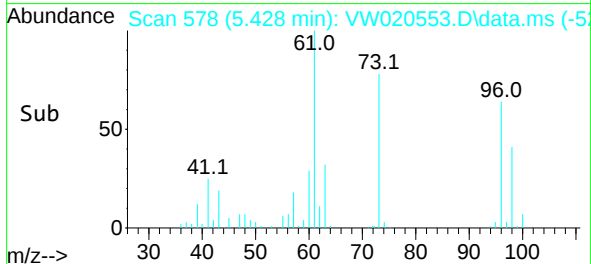
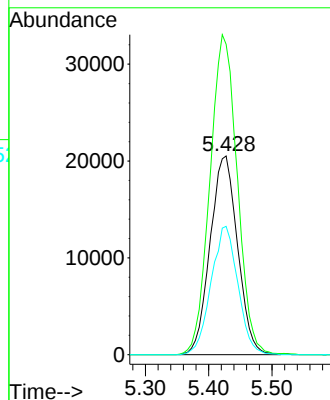
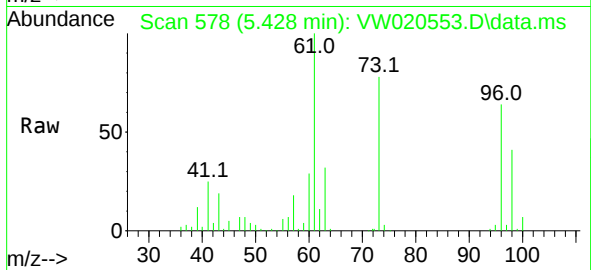




#17
trans-1,2-Dichloroethene
Concen: 22.257 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

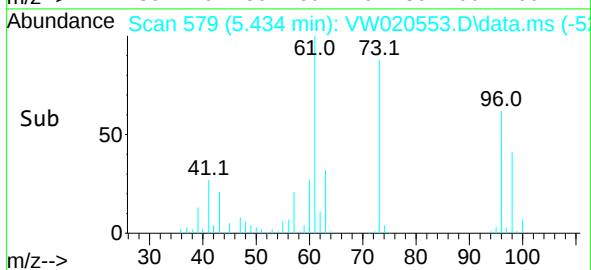
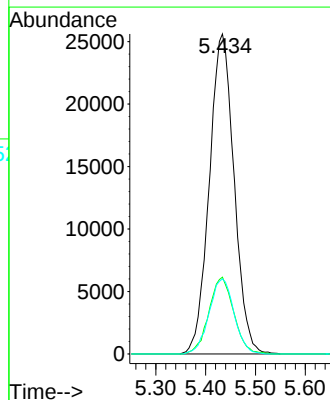
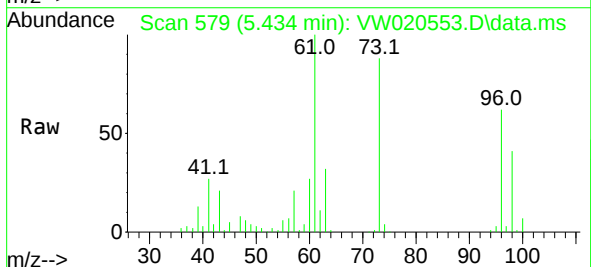
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

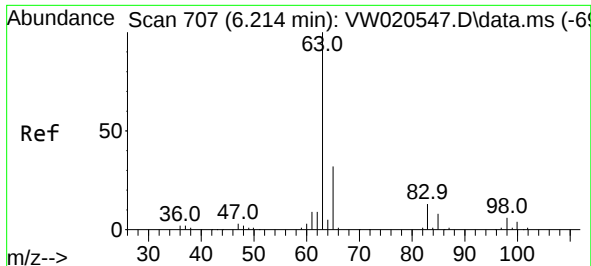
Tgt Ion: 96 Resp: 61940
Ion Ratio Lower Upper
96 100
61 156.3 110.7 205.5
98 64.6 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 22.532 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion: 73 Resp: 88343
Ion Ratio Lower Upper
73 100
43 24.1 18.9 28.3
57 23.6 18.9 28.3





#19

1,1-Dichloroethane

Concen: 23.582 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Instrument :

MSVOA_W

ClientSampleId :

JDGE3MSDRE

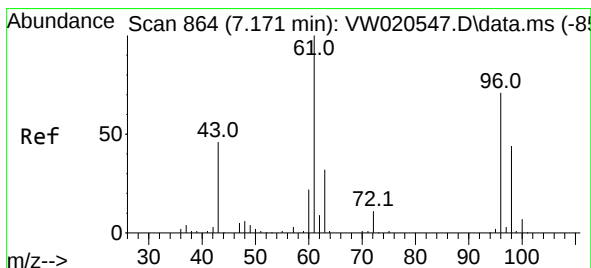
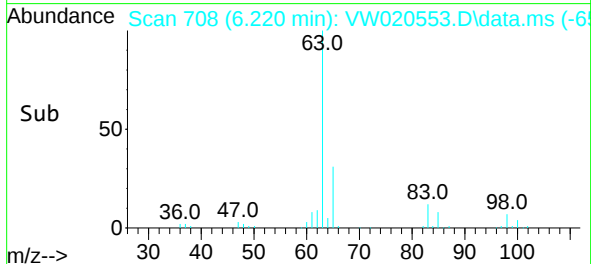
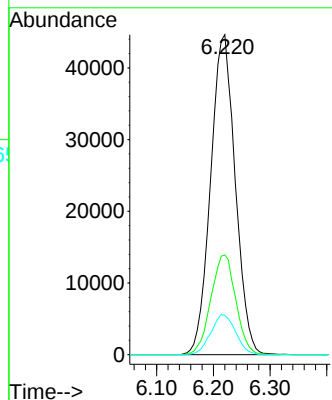
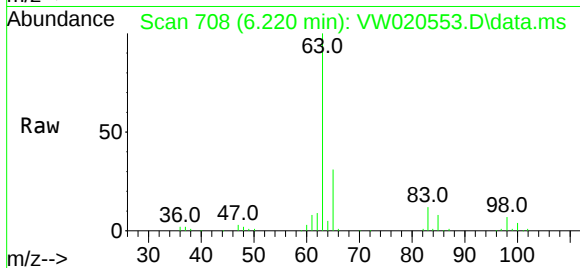
Tgt Ion: 63 Resp: 134538

Ion Ratio Lower Upper

63 100

65 31.2 21.9 40.7

83 12.3 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.029 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

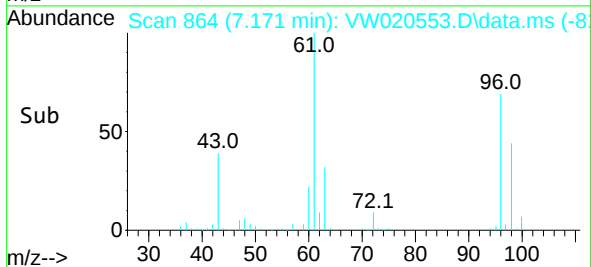
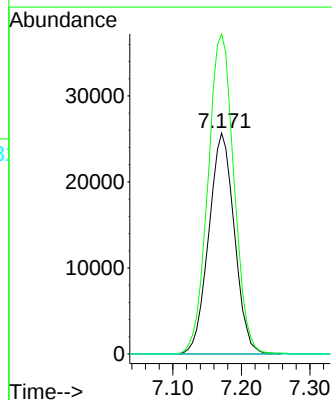
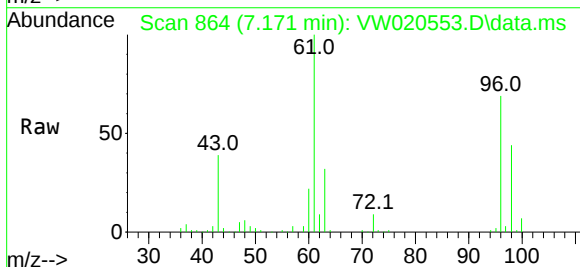
Tgt Ion: 96 Resp: 66615

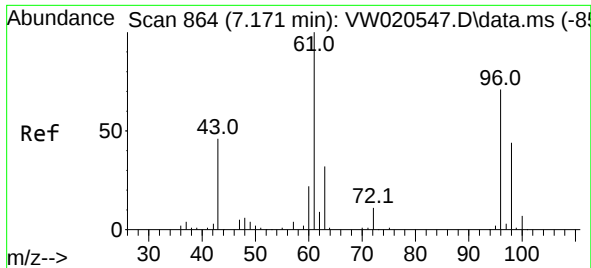
Ion Ratio Lower Upper

96 100

61 144.9 100.3 186.3

68 0.0 0.0 0.0

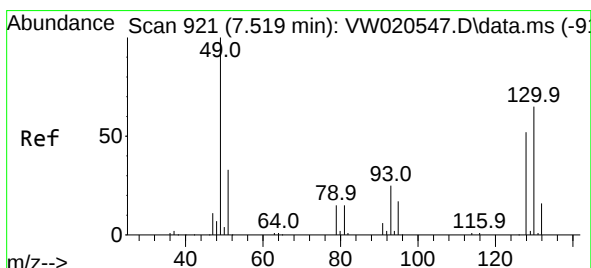
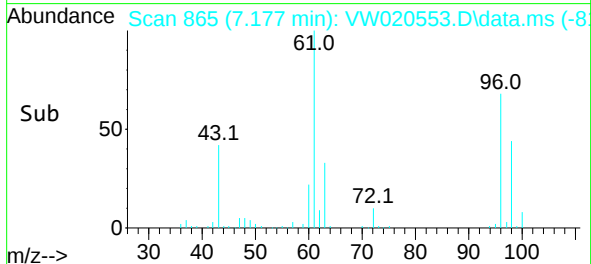
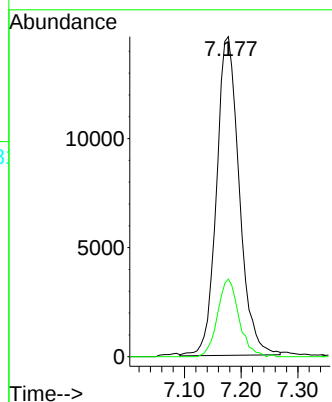
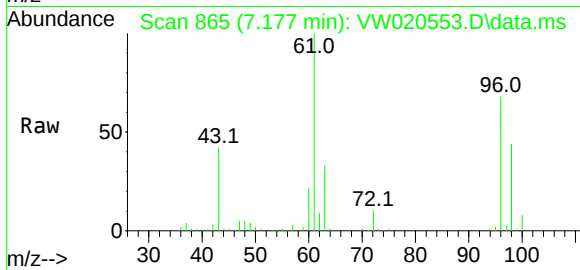




#22
2-Butanone
Concen: 42.382 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

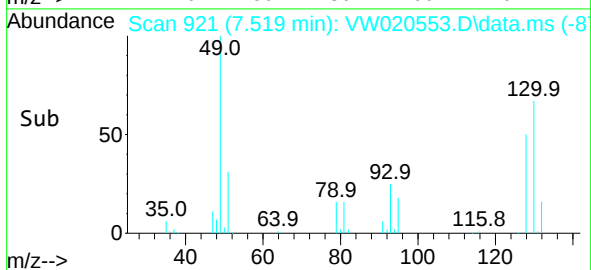
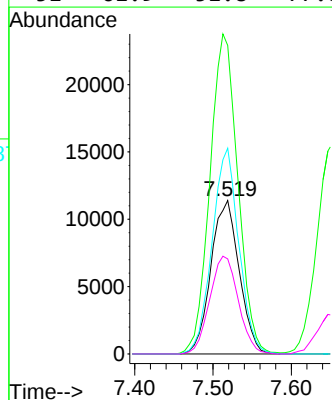
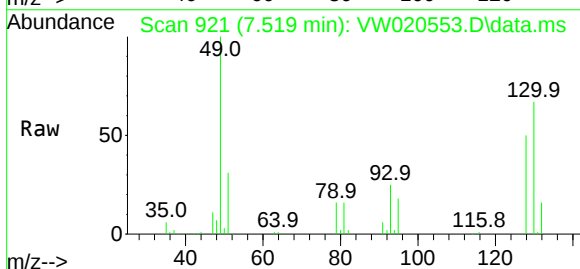
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

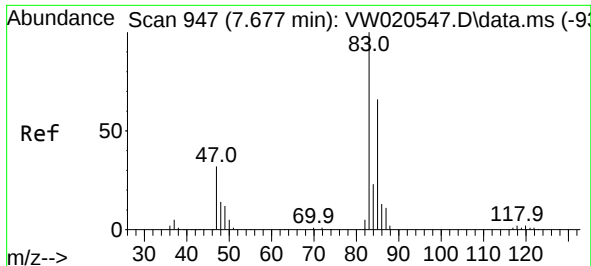
Tgt Ion: 43 Resp: 40692
Ion Ratio Lower Upper
43 100
72 22.8 12.2 36.6



#23
Bromochloromethane
Concen: 22.557 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion: 128 Resp: 28618
Ion Ratio Lower Upper
128 100
49 201.0 144.1 267.7
130 134.1 89.2 165.6
51 61.9 51.8 77.8

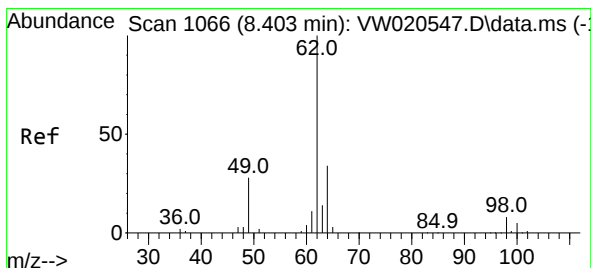
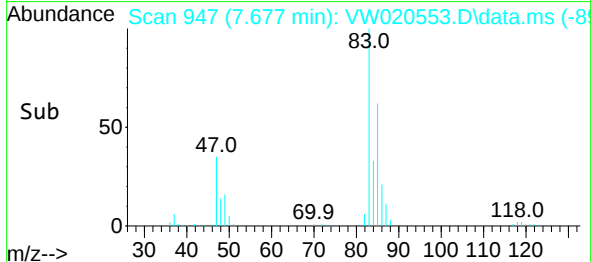
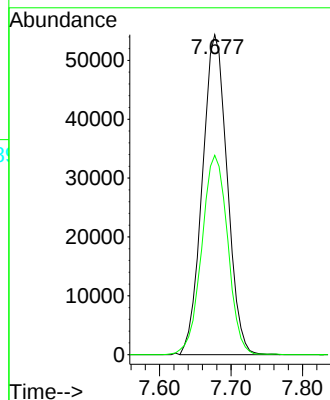
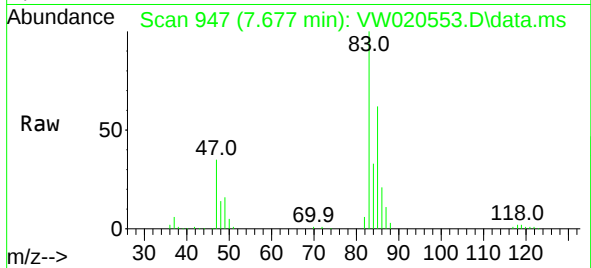




#25
Chloroform
Concen: 23.695 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

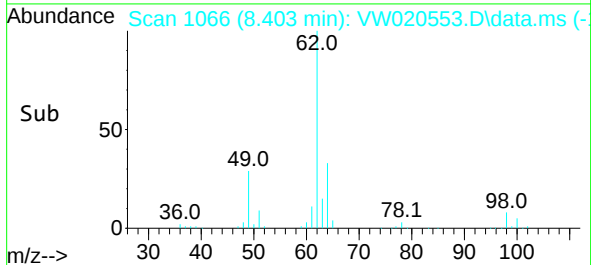
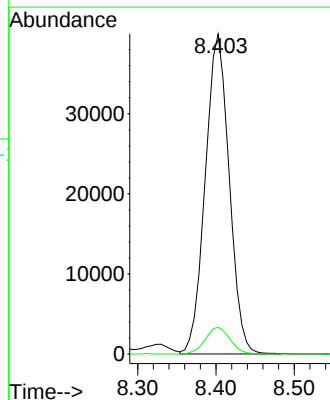
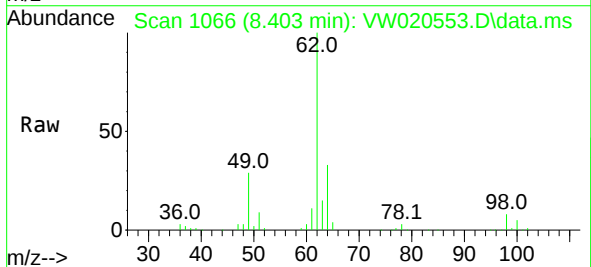
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

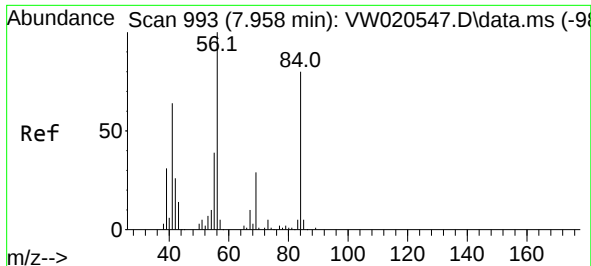
Tgt Ion: 83 Resp: 131418
Ion Ratio Lower Upper
83 100
85 62.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.346 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

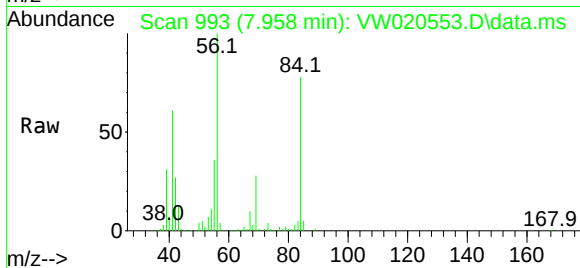
Tgt Ion: 62 Resp: 84768
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0



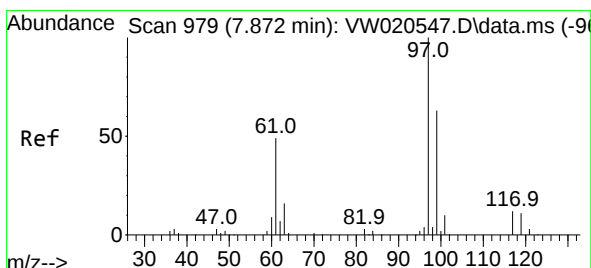
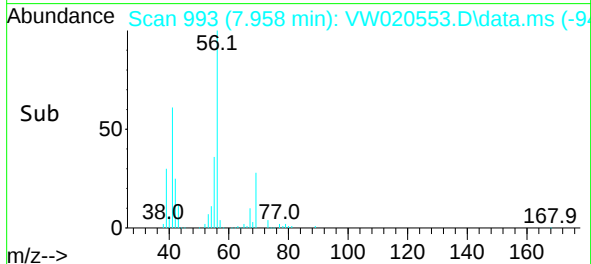
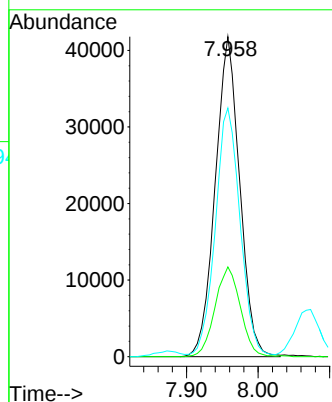


#29
Cyclohexane
Concen: 20.781 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

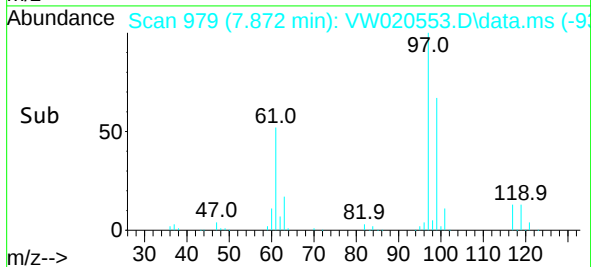
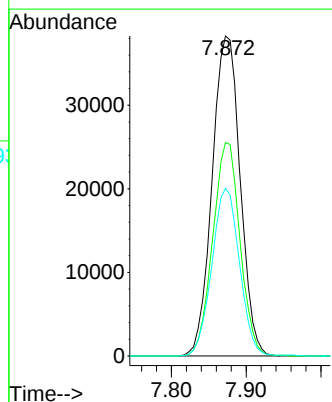
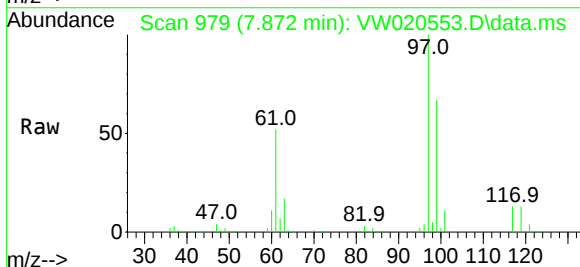


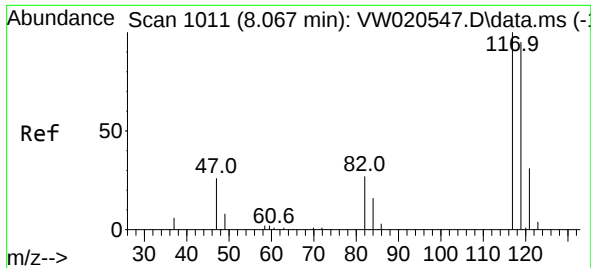
Tgt Ion:	56	Resp:	99307
Ion Ratio	Lower	Upper	
56	100		
69	29.0	23.2	34.8
84	79.2	63.7	95.5



#30
1,1,1-Trichloroethane
Concen: 24.581 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion:	97	Resp:	99675
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.4	77.0
61	51.6	41.0	61.6

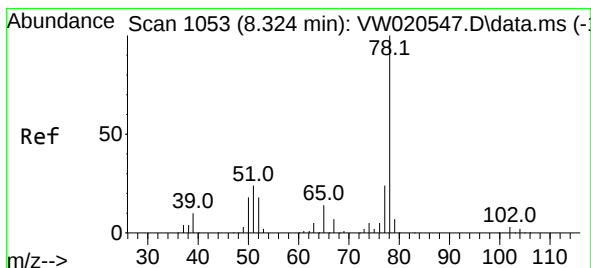
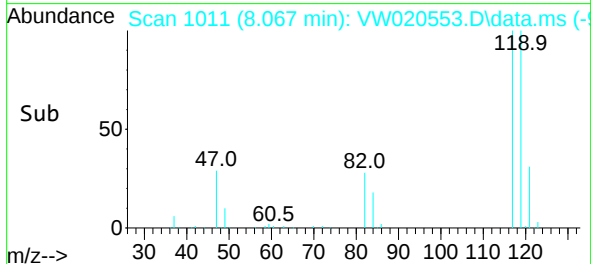
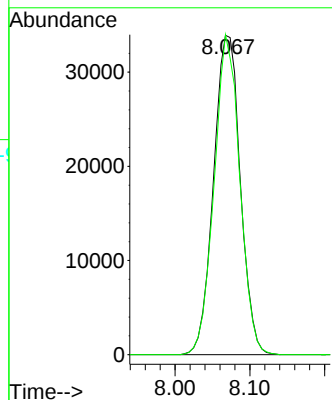
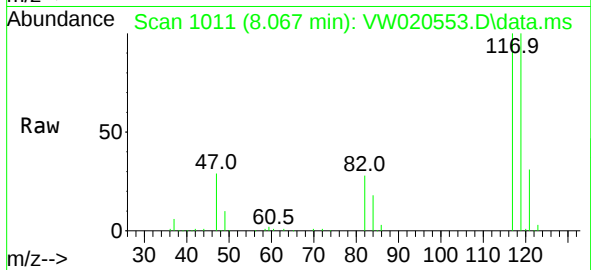




#31
Carbon tetrachloride
Concen: 23.682 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

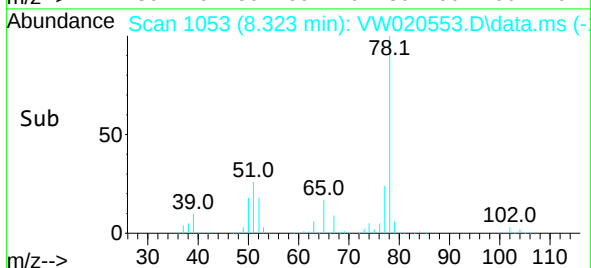
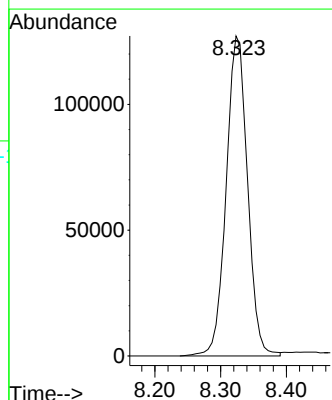
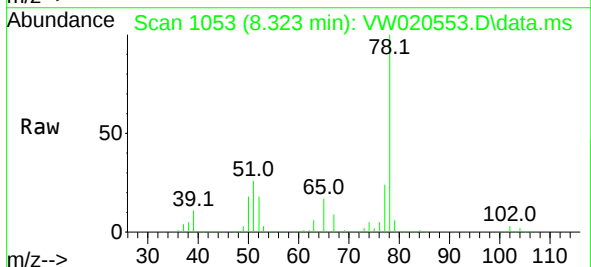
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

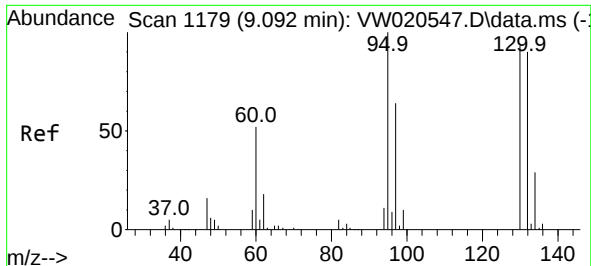
Tgt Ion:117 Resp: 84430
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 24.700 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

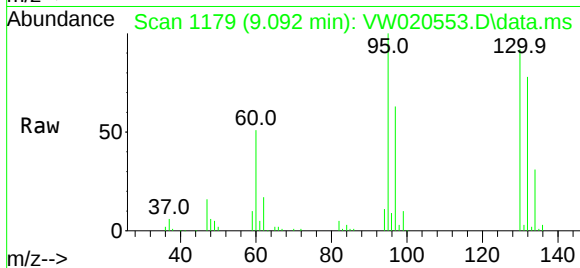
Tgt Ion: 78 Resp: 287165



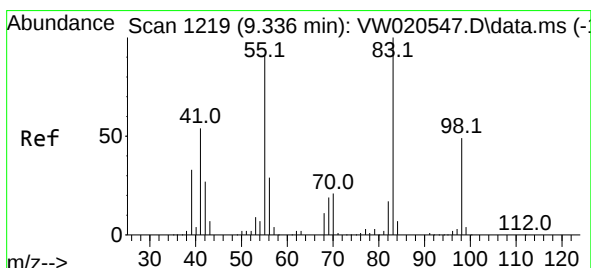
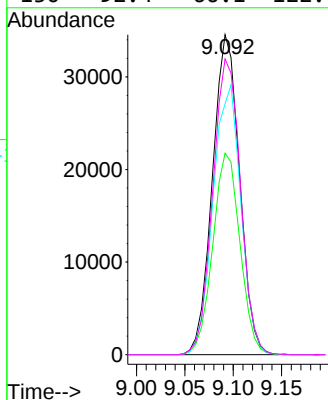
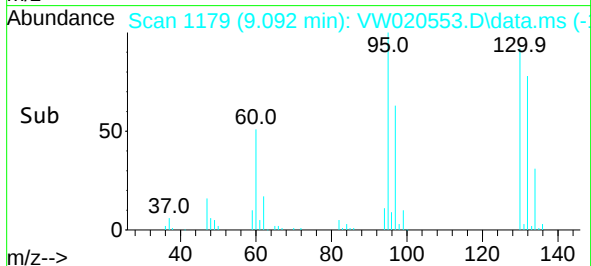


#34
Trichloroethene
Concen: 23.474 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

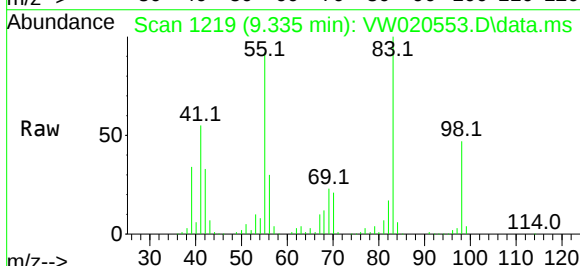
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE



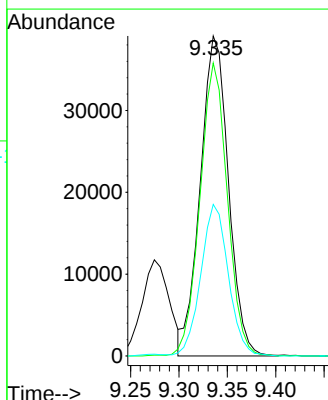
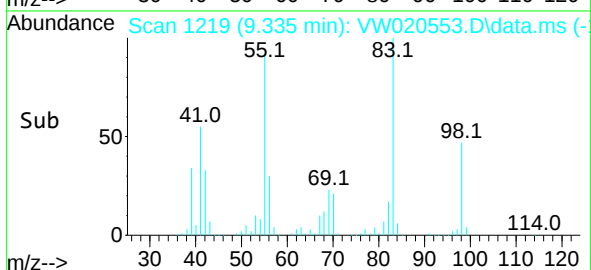
Tgt Ion: 95 Resp: 67235
Ion Ratio Lower Upper
95 100
97 63.0 43.2 80.2
132 78.4 62.3 115.7
130 92.4 66.1 122.7

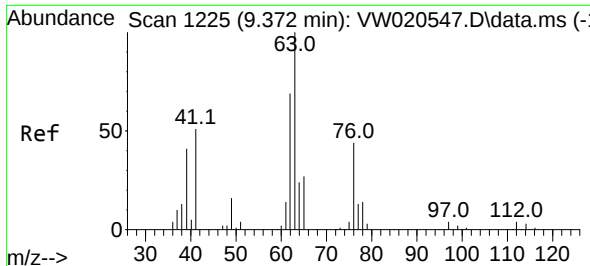


#35
Methylcyclohexane
Concen: 16.171 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18



Tgt Ion: 83 Resp: 79262
Ion Ratio Lower Upper
83 100
55 89.1 69.7 104.5
98 46.3 38.2 57.2





#37

1,2-Dichloropropane

Concen: 24.664 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Instrument :

MSVOA_W

ClientSampleId :

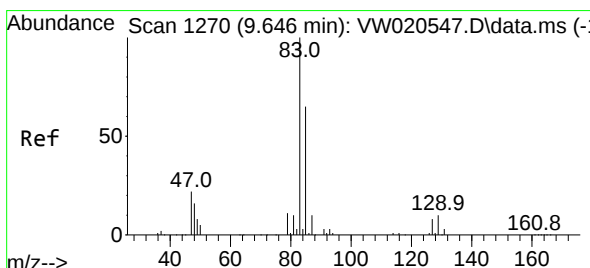
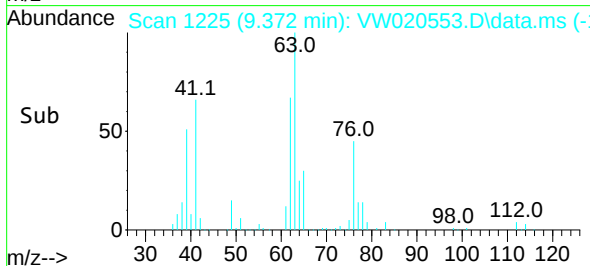
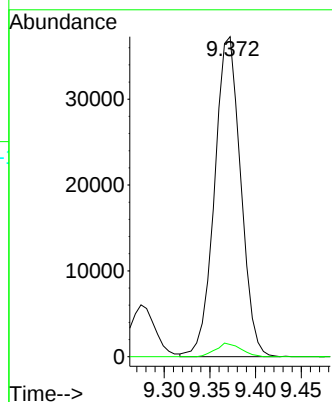
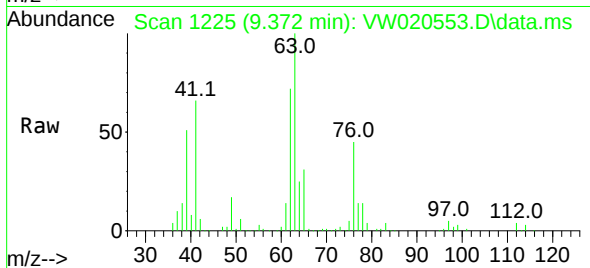
JDGE3MSDRE

Tgt Ion: 63 Resp: 74258

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 24.695 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

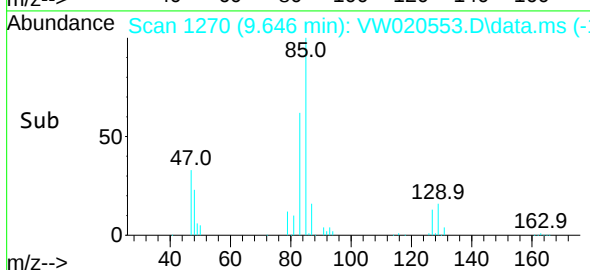
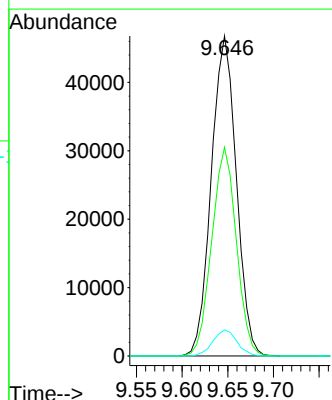
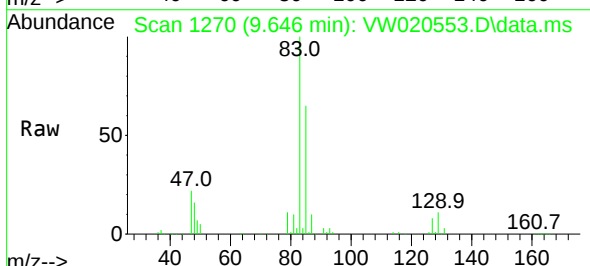
Tgt Ion: 83 Resp: 89142

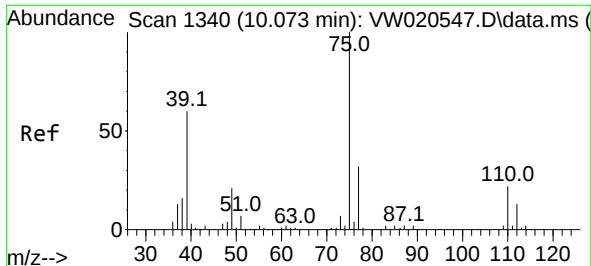
Ion Ratio Lower Upper

83 100

85 65.2 43.4 80.6

127 8.1 6.2 9.2

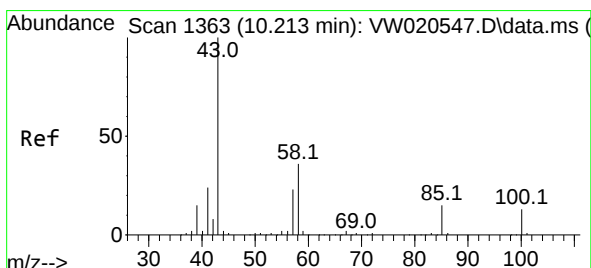
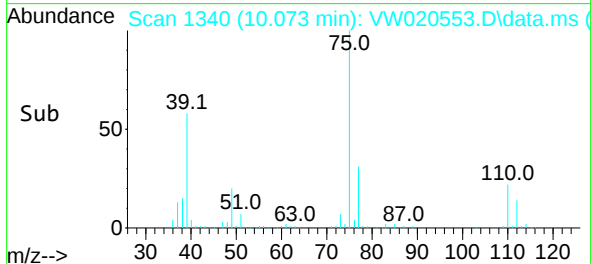
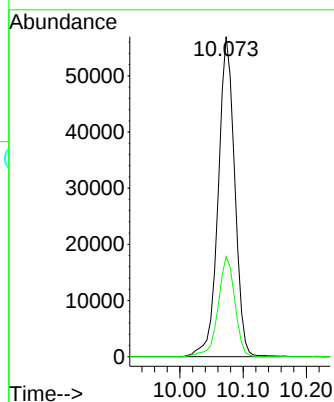
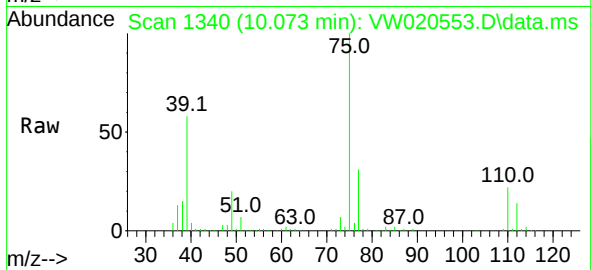




#39
cis-1,3-Dichloropropene
Concen: 24.762 ug/L
RT: 10.073 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

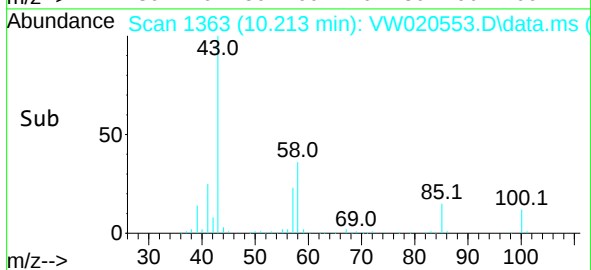
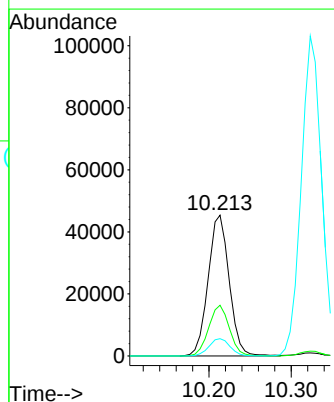
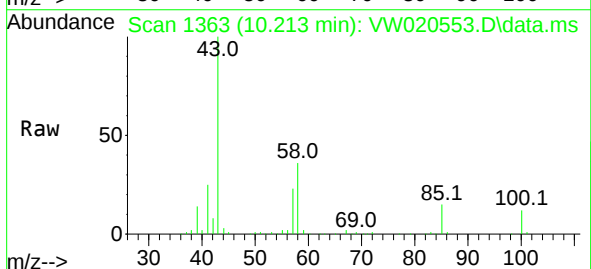
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

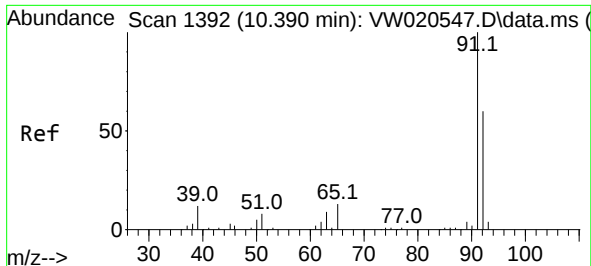
Tgt Ion: 75 Resp: 102861
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 44.752 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion: 43 Resp: 80869
Ion Ratio Lower Upper
43 100
58 35.3 29.0 43.4
100 12.3 10.2 15.4

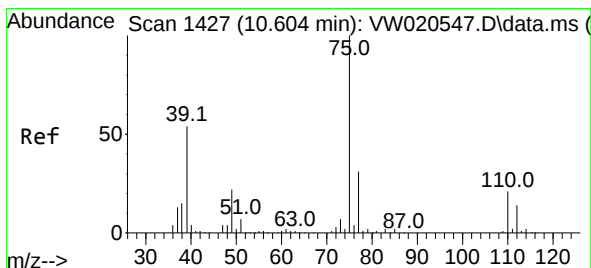
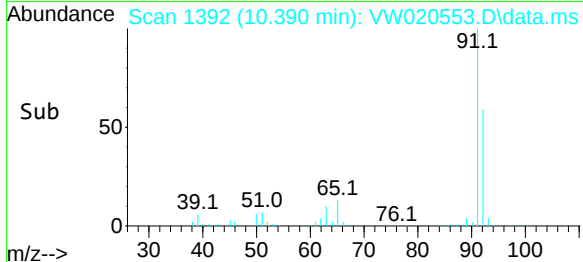
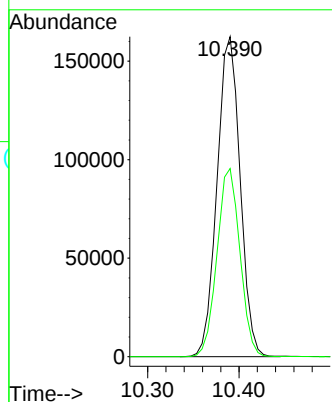
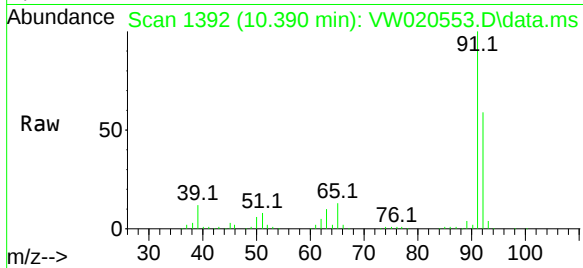




#42
Toluene
Concen: 24.451 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

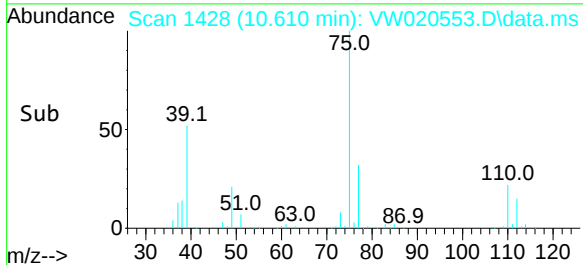
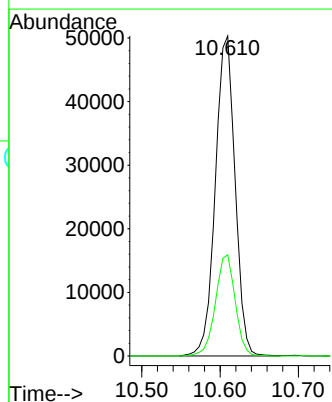
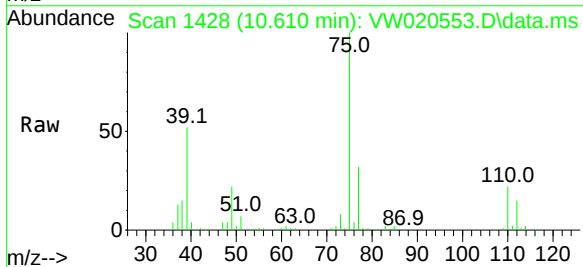
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

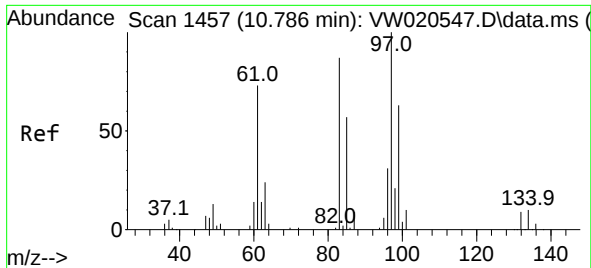
Tgt Ion: 91 Resp: 285131
Ion Ratio Lower Upper
91 100
92 58.8 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 24.064 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion: 75 Resp: 88121
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 23.135 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Instrument :

MSVOA_W

ClientSampleId :

JDGE3MSDRE

Tgt Ion: 97 Resp: 44722

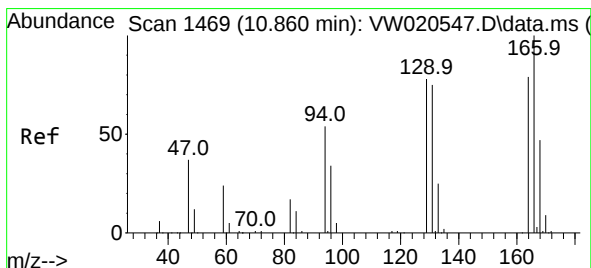
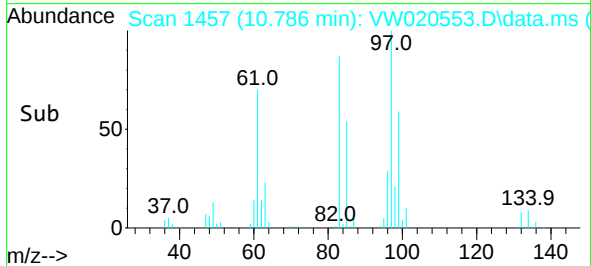
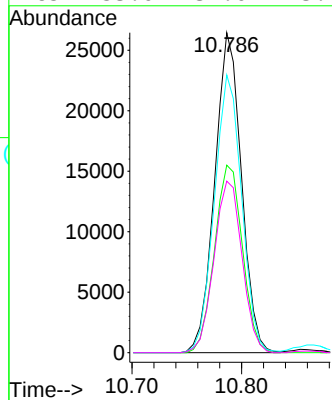
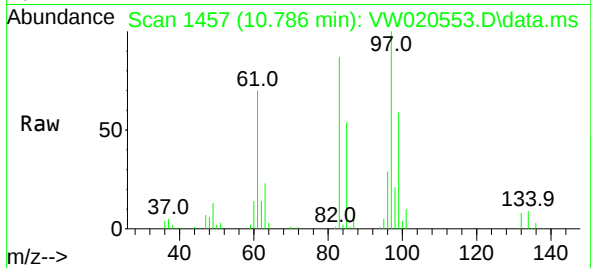
Ion Ratio Lower Upper

97 100

99 58.6 42.8 79.4

83 86.8 60.9 113.1

85 53.6 39.6 73.6



#46

Tetrachloroethene

Concen: 21.542 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Tgt Ion:164 Resp: 44318

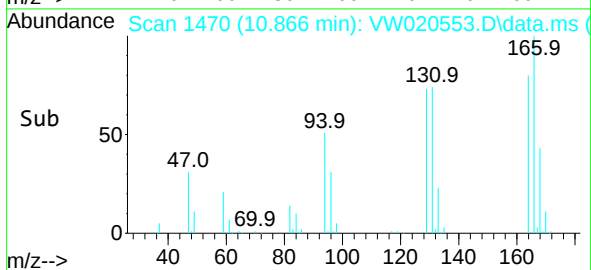
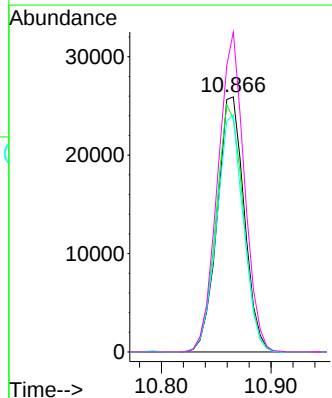
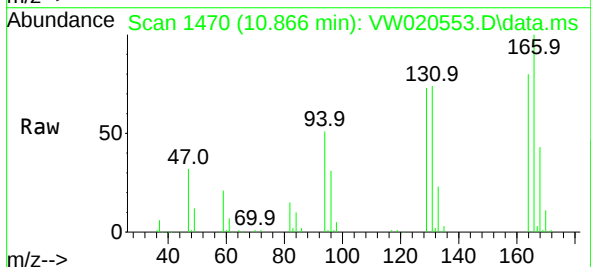
Ion Ratio Lower Upper

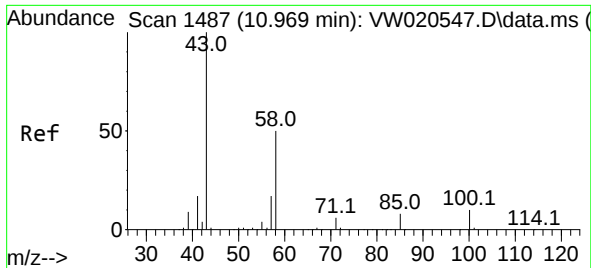
164 100

129 91.4 69.1 128.3

131 92.9 58.3 108.3

166 125.5 90.4 168.0

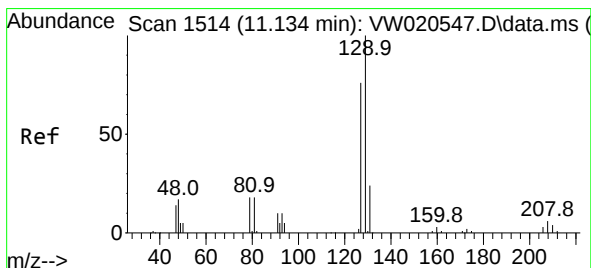
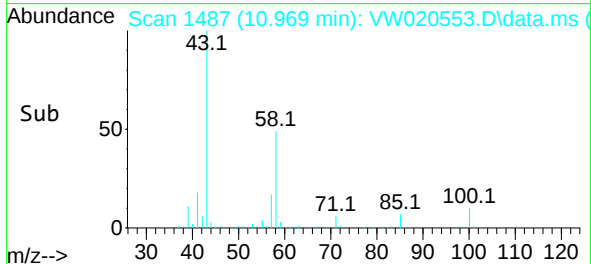
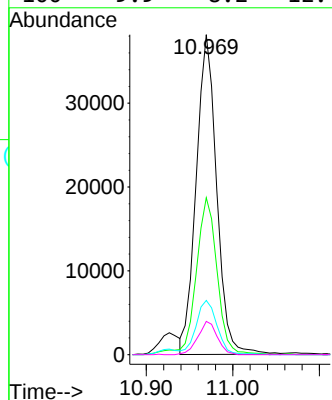
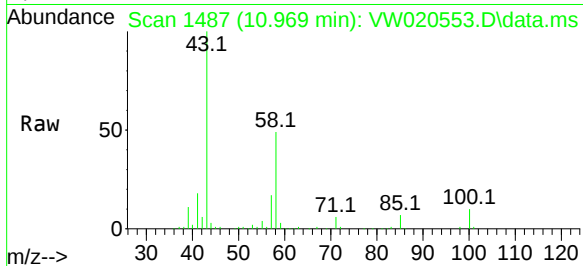




#48
2-Hexanone
Concen: 47.250 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

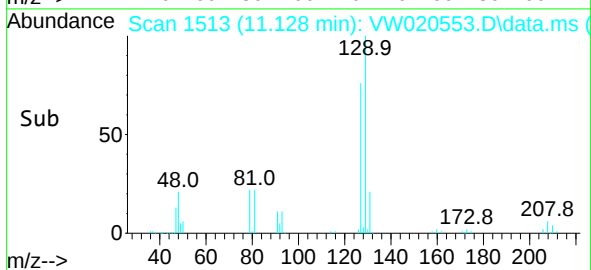
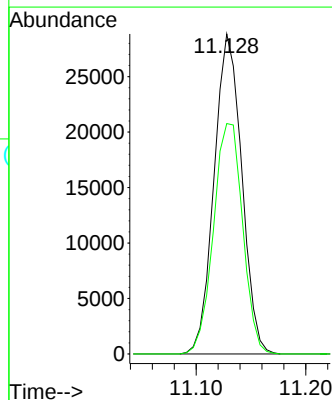
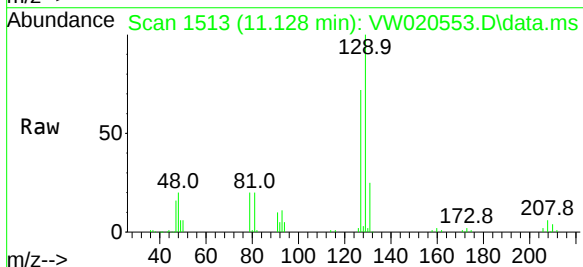
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

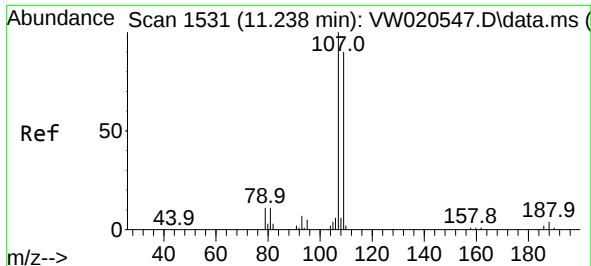
Tgt Ion:	43	Resp:	62645
Ion	Ratio	Lower	Upper
43	100		
58	49.1	39.5	59.3
57	16.7	14.2	21.4
100	9.9	8.2	12.4



#49
Dibromochloromethane
Concen: 23.741 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion:	129	Resp:	50561
Ion	Ratio	Lower	Upper
129	100		
127	72.0	55.1	102.3





#50

1,2-Dibromoethane

Concen: 21.622 ug/L

RT: 11.238 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

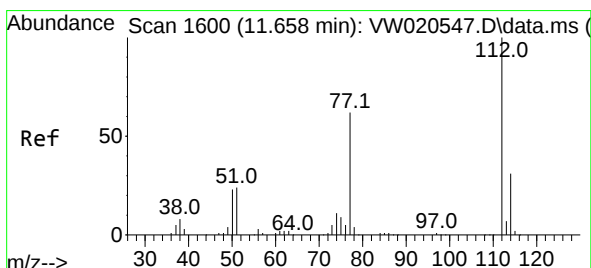
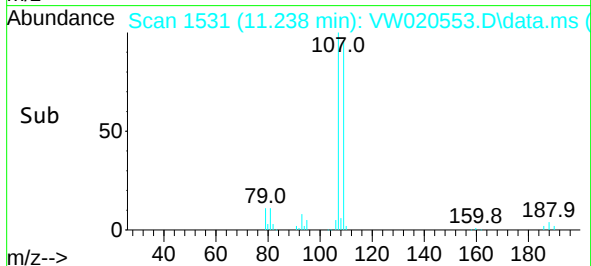
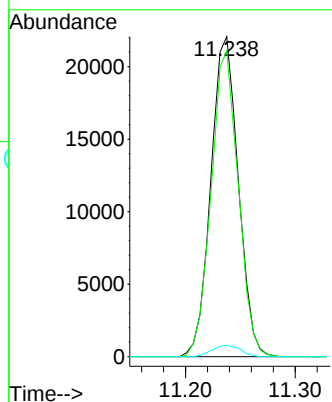
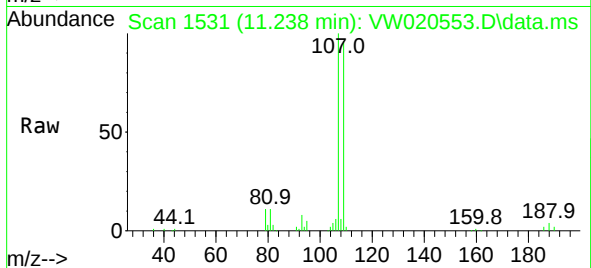
Instrument :

MSVOA_W

ClientSampleId :

JDGE3MSDRE

Tgt Ion:	107	Resp:	38393
Ion	Ratio	Lower	Upper
107	100		
109	95.6	64.5	119.9
188	3.6	3.2	4.8



#51

Chlorobenzene

Concen: 22.250 ug/L

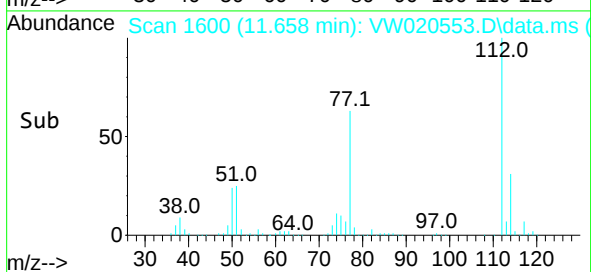
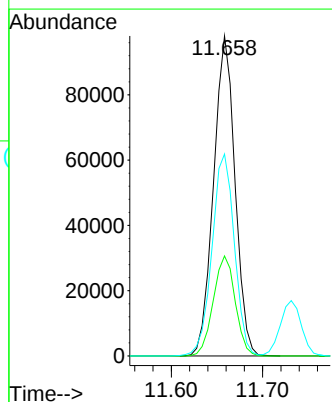
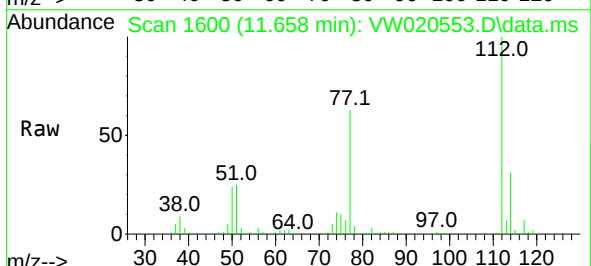
RT: 11.658 min Scan# 1600

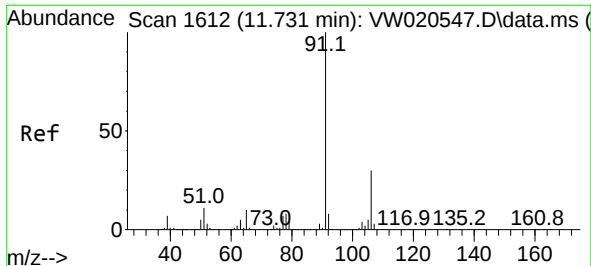
Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Tgt Ion:	112	Resp:	160000
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.5
77	63.1	50.7	76.1

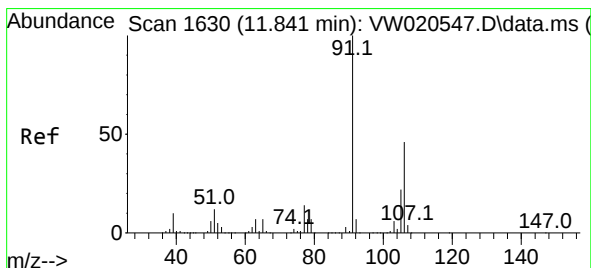
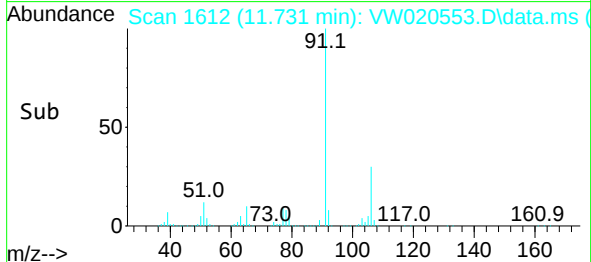
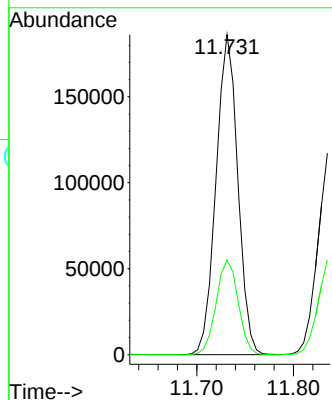
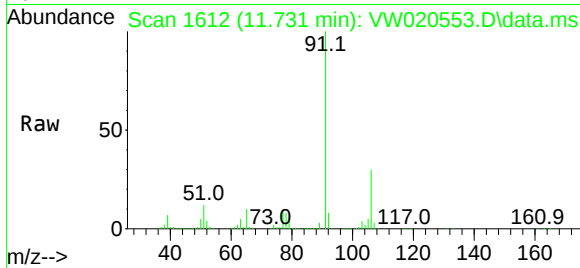




#52
Ethylbenzene
Concen: 22.978 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

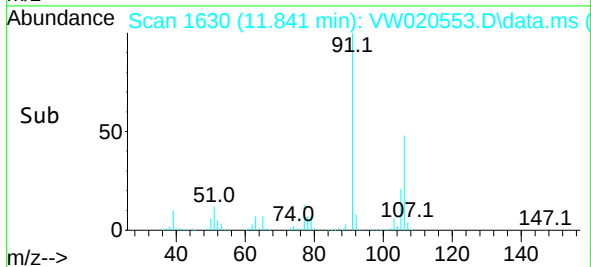
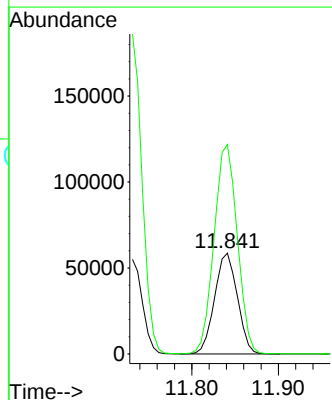
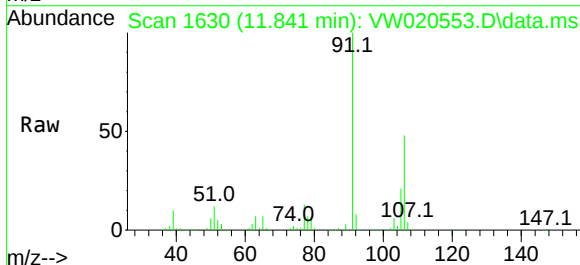
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

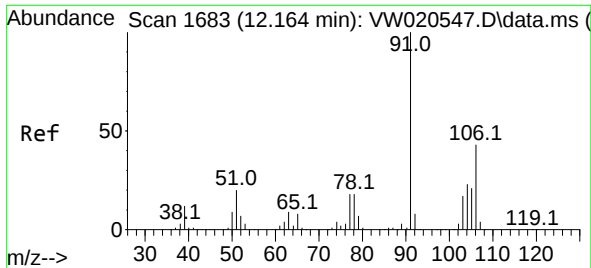
Tgt Ion: 91 Resp: 290574
Ion Ratio Lower Upper
91 100
106 29.5 21.3 39.5



#53
m,p-Xylene
Concen: 22.867 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion: 106 Resp: 107140
Ion Ratio Lower Upper
106 100
91 207.9 148.2 275.2

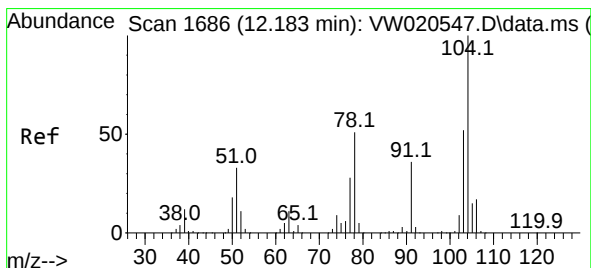
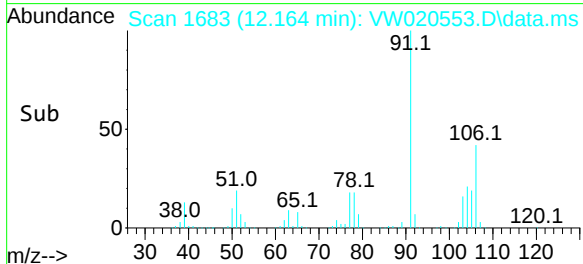
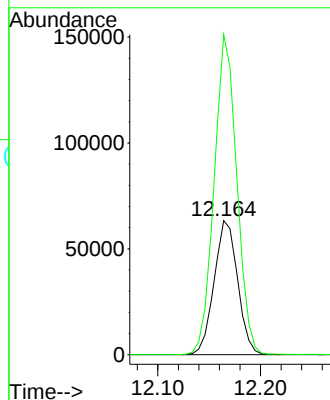
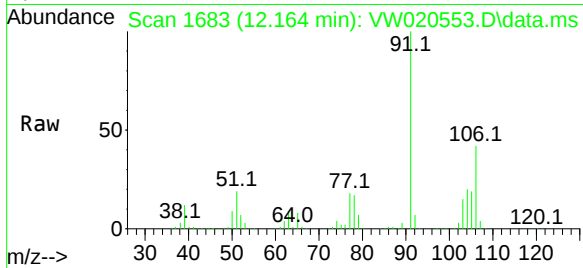




#54
o-Xylene
Concen: 23.258 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

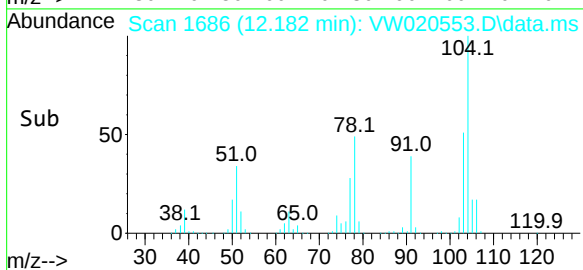
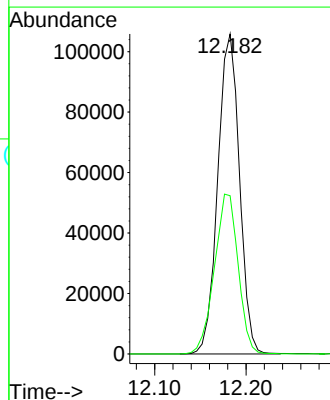
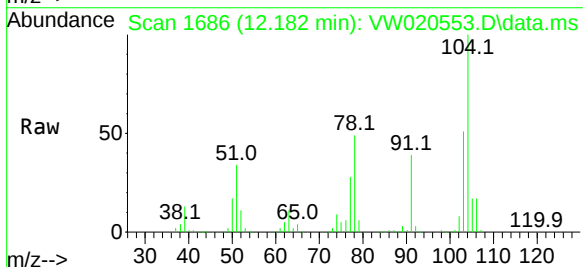
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

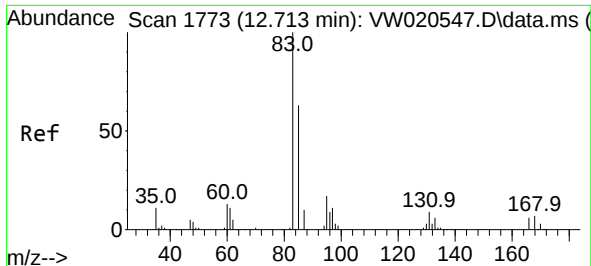
Tgt Ion:106 Resp: 100638
Ion Ratio Lower Upper
106 100
91 238.6 156.1 289.9



#55
Styrene
Concen: 23.092 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion:104 Resp: 174712
Ion Ratio Lower Upper
104 100
78 49.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 20.721 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Instrument :

MSVOA_W

ClientSampleId :

JDGE3MSDRE

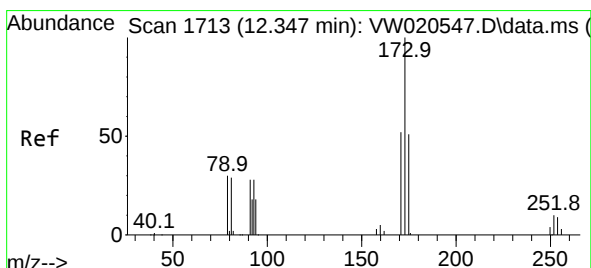
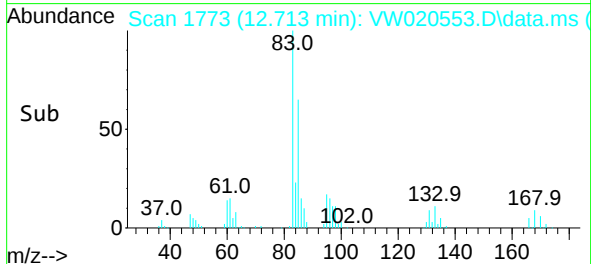
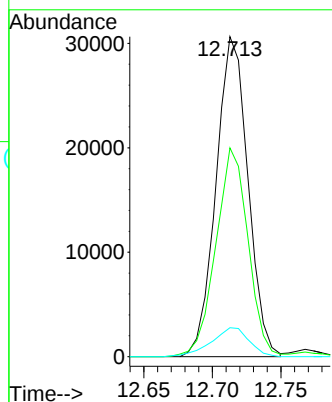
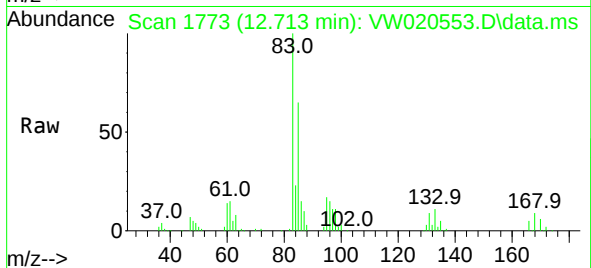
Tgt Ion: 83 Resp: 49655

Ion Ratio Lower Upper

83 100

85 65.2 45.9 85.3

131 9.0 7.4 11.2



#59

Bromoform

Concen: 26.248 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

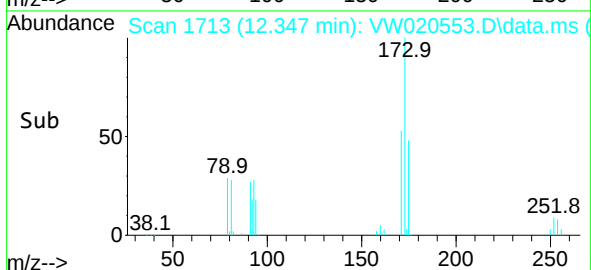
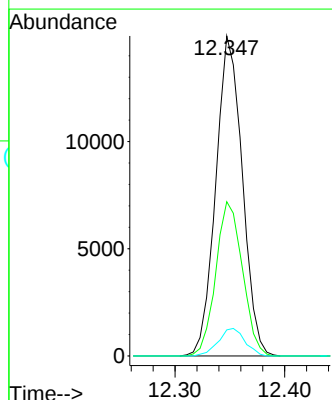
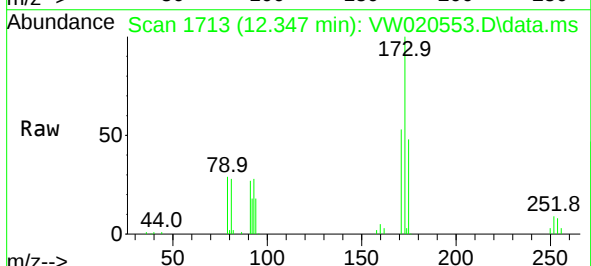
Tgt Ion:173 Resp: 25065

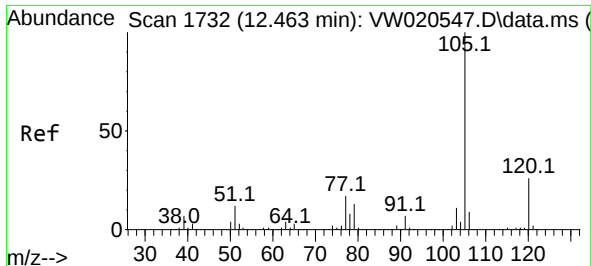
Ion Ratio Lower Upper

173 100

175 48.5 38.6 57.8

254 8.6 7.3 10.9

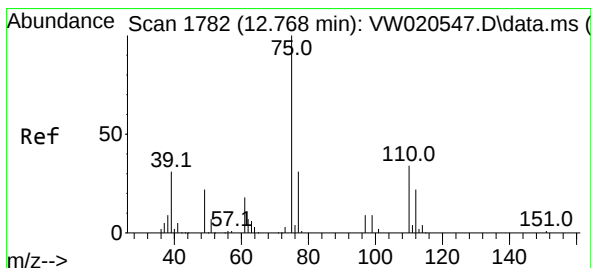
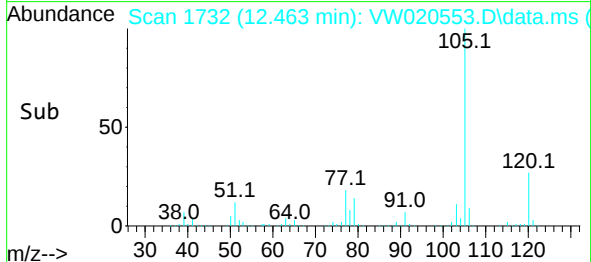
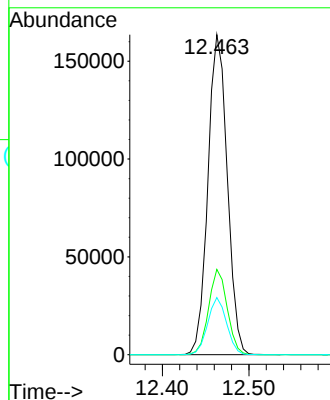
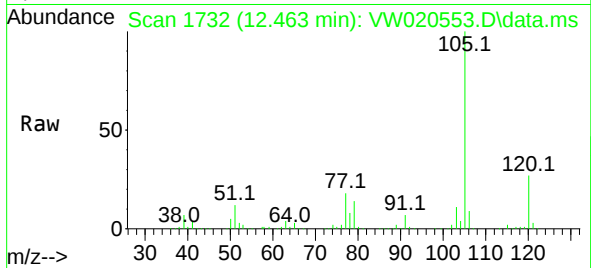




#60
Isopropylbenzene
Concen: 25.378 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

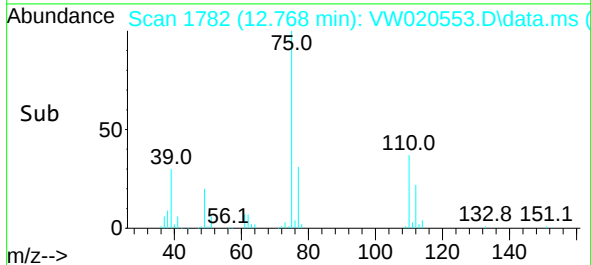
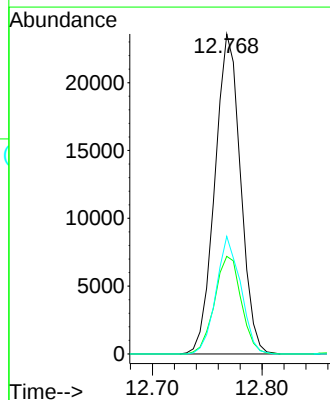
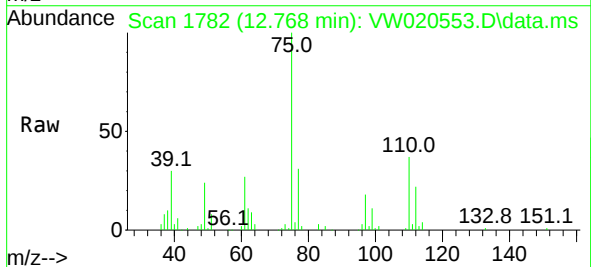
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

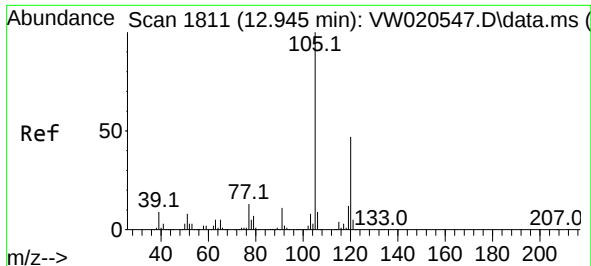
Tgt Ion:105 Resp: 253911
Ion Ratio Lower Upper
105 100
120 25.6 20.3 30.5
77 17.4 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 25.524 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion: 75 Resp: 38330
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7
110 35.2 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 24.653 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Instrument :

MSVOA_W

ClientSampleId :

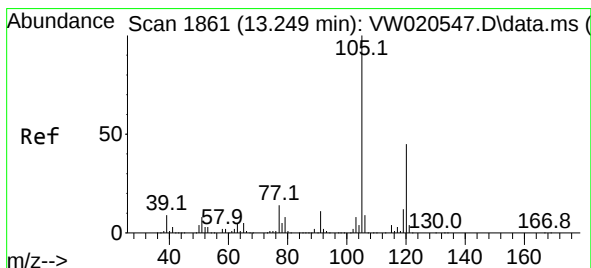
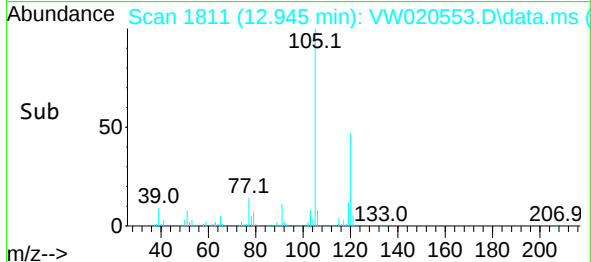
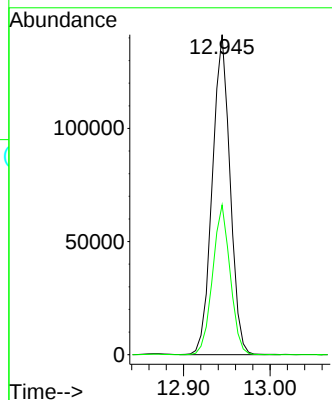
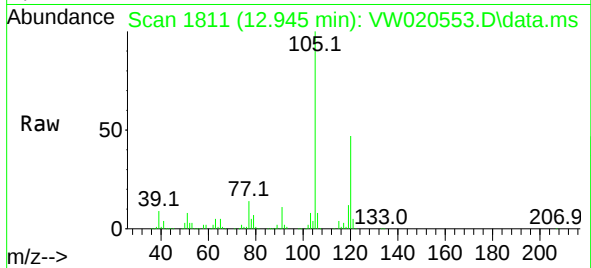
JDGE3MSDRE

Tgt Ion:105 Resp: 201380

Ion Ratio Lower Upper

105 100

120 46.3 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 24.974 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW020553.D

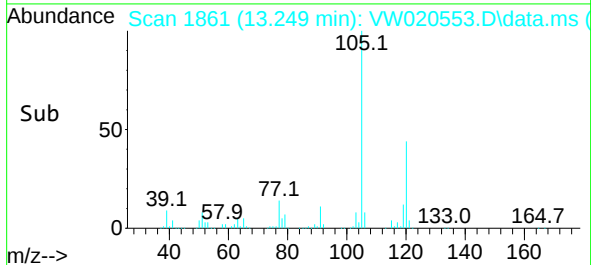
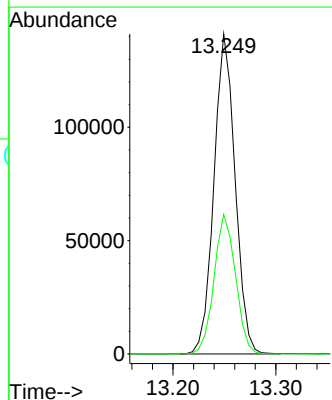
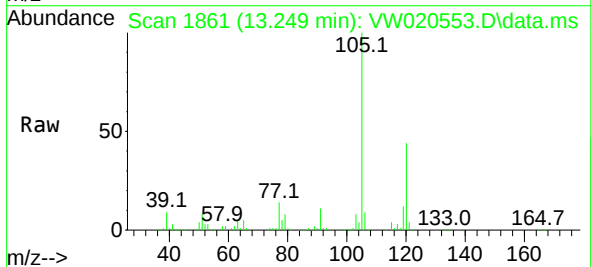
Acq: 18 Oct 2021 11:18

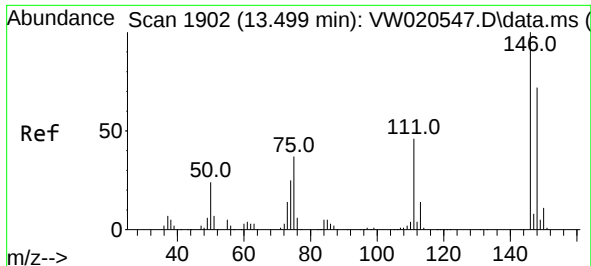
Tgt Ion:105 Resp: 202078

Ion Ratio Lower Upper

105 100

120 44.2 35.4 53.2

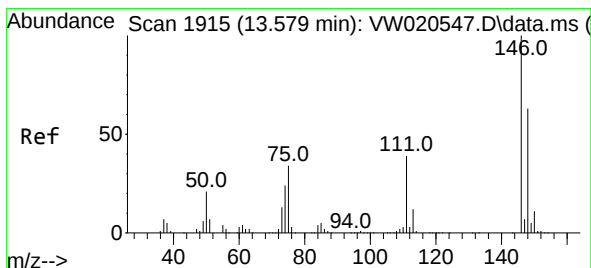
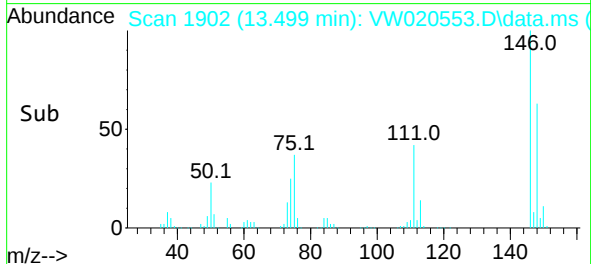
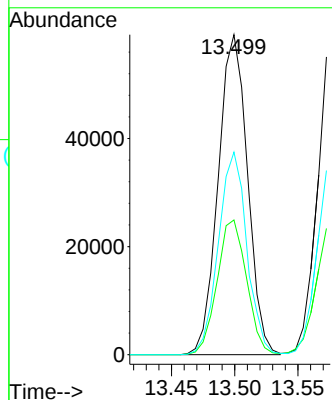
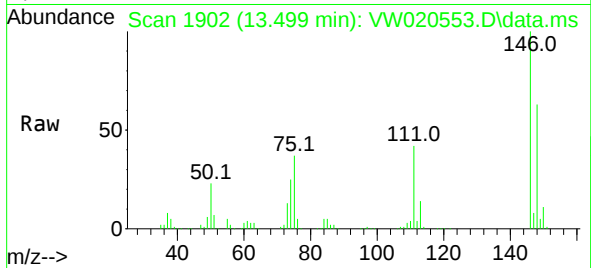




#64
1,3-Dichlorobenzene
Concen: 22.067 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

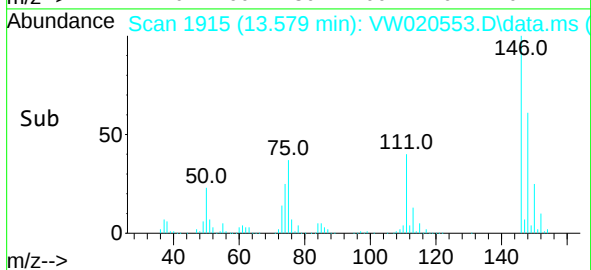
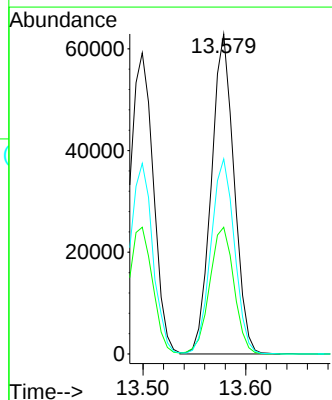
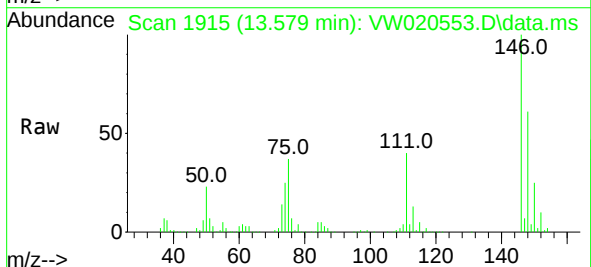
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

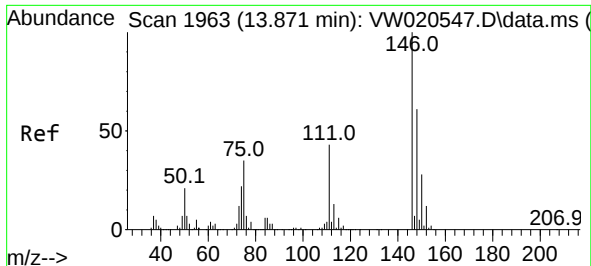
Tgt Ion:146 Resp: 95528
Ion Ratio Lower Upper
146 100
111 42.1 29.0 53.8
148 63.3 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 21.616 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion:146 Resp: 96787
Ion Ratio Lower Upper
146 100
111 39.6 30.9 57.5
148 60.9 46.1 85.7





#67

1,2-Dichlorobenzene

Concen: 22.224 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

Instrument :

MSVOA_W

ClientSampleId :

JDGE3MSDRE

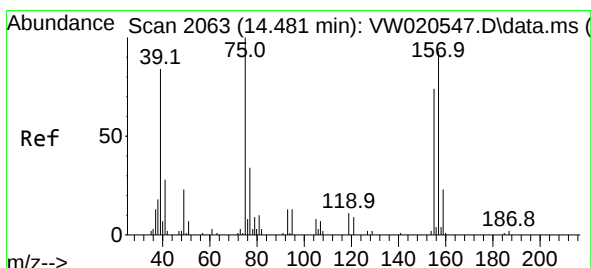
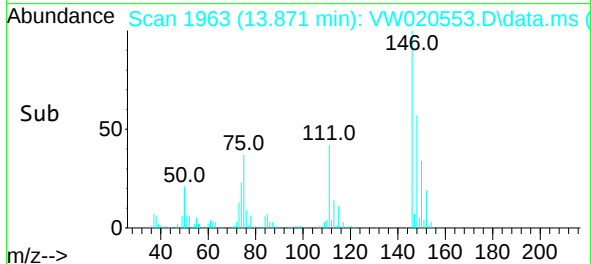
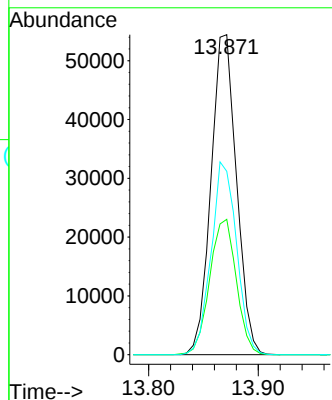
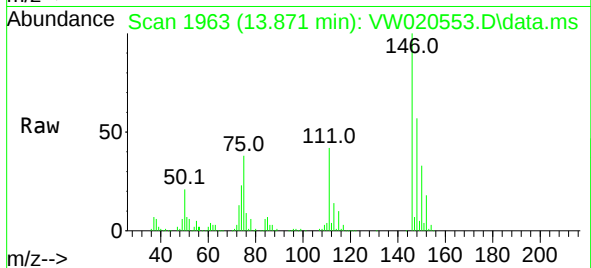
Tgt Ion:146 Resp: 88141

Ion Ratio Lower Upper

146 100

111 42.3 33.9 50.9

148 57.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 24.403 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020553.D

Acq: 18 Oct 2021 11:18

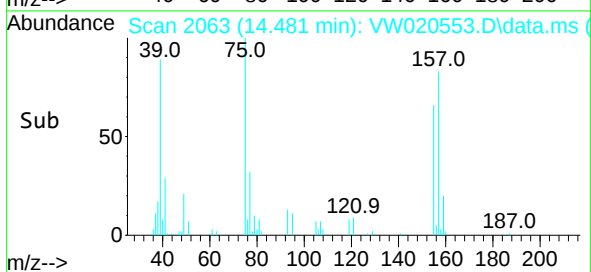
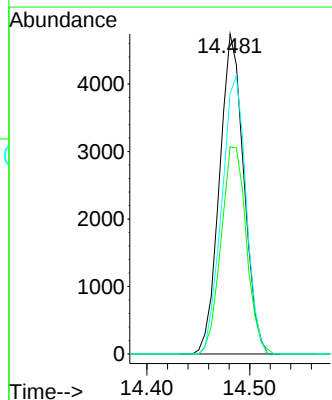
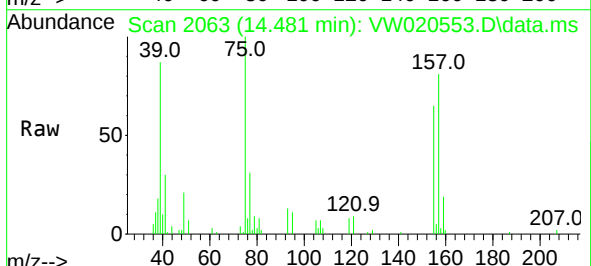
Tgt Ion: 75 Resp: 7784

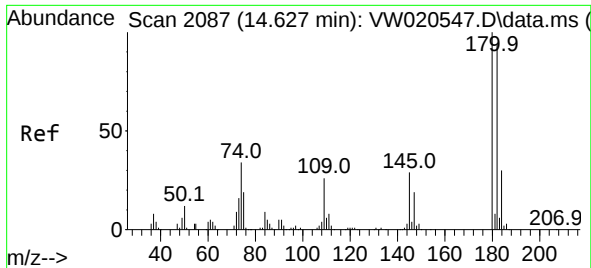
Ion Ratio Lower Upper

75 100

155 64.7 51.4 77.0

157 81.3 70.8 106.2

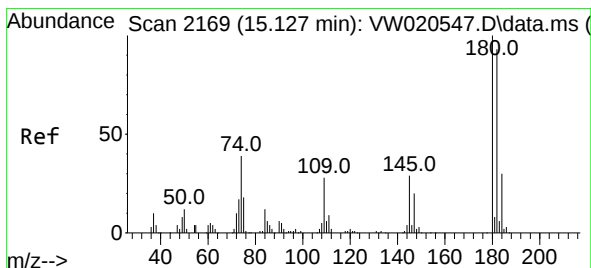
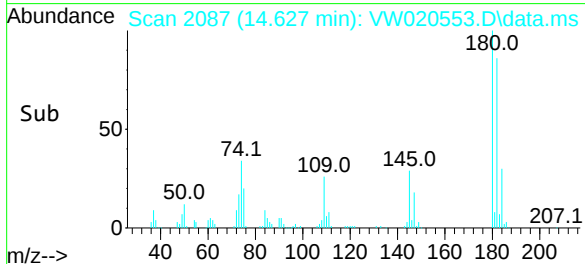
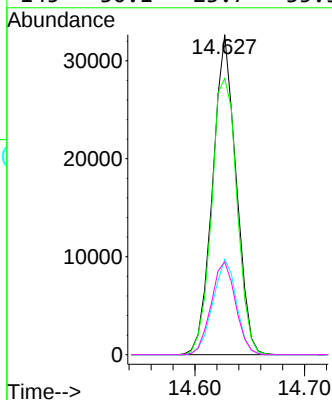
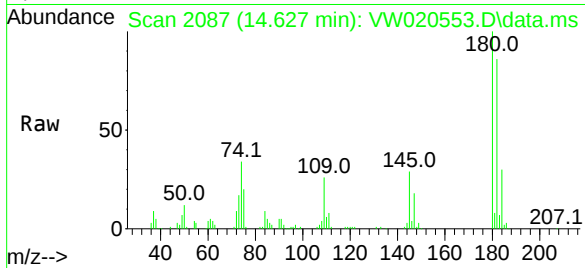




#69
1,3,5-Trichlorobenzene
Concen: 15.768 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

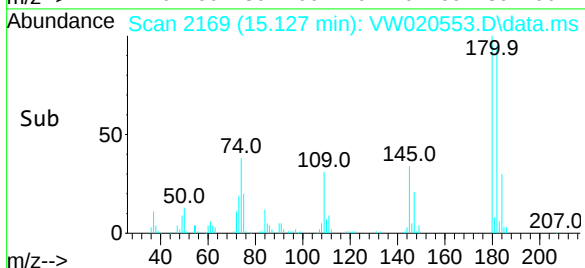
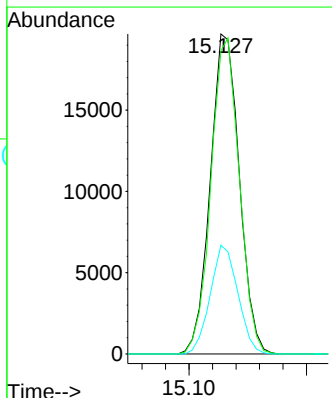
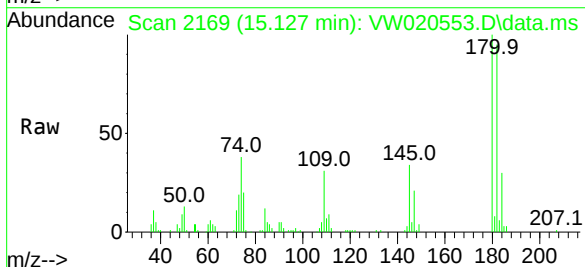
Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

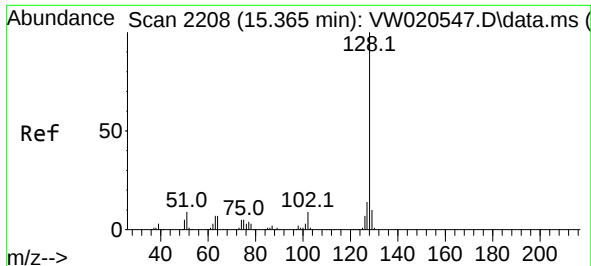
Tgt Ion:180	Resp:	48672
Ion Ratio	Lower	Upper
180	100	
182	93.3	73.4 110.0
184	30.0	24.2 36.4
145	30.1	23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 13.838 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion:180	Resp:	33824
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.8 113.8
145	32.3	24.8 37.2

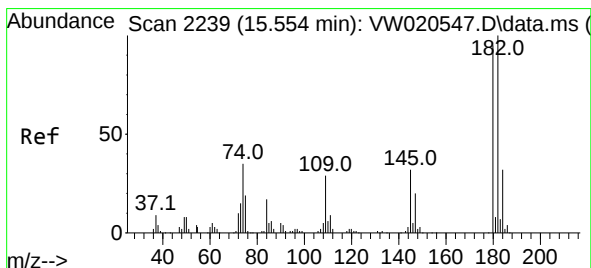
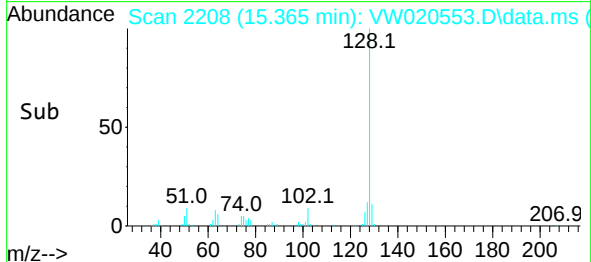
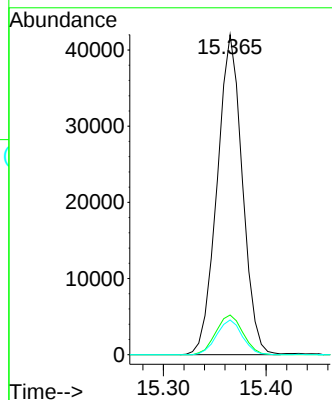
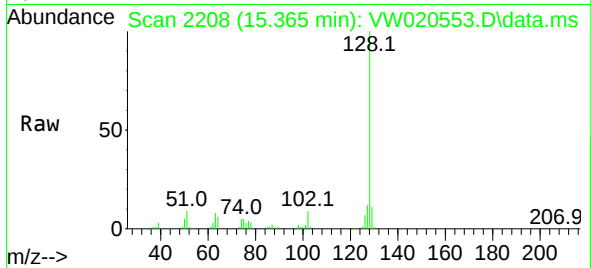




#71
Naphthalene
Concen: 16.304 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Instrument :
MSVOA_W
ClientSampleId :
JDGE3MSDRE

Tgt Ion:128	Resp:	71649
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.5 15.7
129	11.0	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 14.152 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020553.D
Acq: 18 Oct 2021 11:18

Tgt Ion:180	Resp:	30380
Ion Ratio	Lower	Upper
180	100	
182	93.2	74.8 112.2
145	32.6	26.2 39.4

