

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021231.D
 Acq On : 08 Dec 2021 15:43
 Operator : SY/VA
 Sample : M4886-12REMS
 Misc : 3.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 23:02:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 22:58:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	67134	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	58753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	27884	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	18832	20.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.520%
7) Chloroethane-d5	2.885	69	15612	24.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.720%
11) 1,1-Dichloroethene-d2	4.025	63	31058	20.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.080	46	7535	35.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.640%
24) Chloroform-d	7.647	84	33986	20.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	8.305	65	17146	18.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.560%
32) Benzene-d6	8.275	84	62868	20.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.720%
36) 1,2-Dichloropropane-d6	9.274	67	17193	20.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.360%
41) Toluene-d8	10.323	98	59893	19.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.760%
43) trans-1,3-Dichloroprop...	10.579	79	6226	16.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.680%
47) 2-Hexanone-d5	10.921	63	5792	36.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	14876	19.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.040%
66) 1,2-Dichlorobenzene-d4	13.847	152	19123	19.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	3312	10.100	ug/L	99
3) Chloromethane	2.221	50	16514	22.495	ug/L	100
5) Vinyl chloride	2.361	62	26347	20.659	ug/L	99
6) Bromomethane	2.782	94	16940	19.977	ug/L	98
8) Chloroethane	2.922	64	14027	26.391	ug/L	95
9) Trichlorofluoromethane	3.257	101	19706	32.001	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	19049	19.763	ug/L	91
12) 1,1-Dichloroethene	4.044	96	16408	18.830	ug/L	81
13) Acetone	4.129	43	7201	37.053	ug/L	82
14) Carbon disulfide	4.385	76	37358	15.445	ug/L	99
15) Methyl Acetate	4.672	43	3070	8.712	ug/L	# 50
16) Methylene chloride	4.922	84	20121	19.024	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	16775	18.080	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	30385	21.698	ug/L	94
19) 1,1-Dichloroethane	6.220	63	28792	19.570	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	18454	18.748	ug/L	76
22) 2-Butanone	7.177	43	8383	31.170	ug/L	89
23) Bromochloromethane	7.519	128	8831	19.175	ug/L	# 66
25) Chloroform	7.677	83	32477	19.665	ug/L	97

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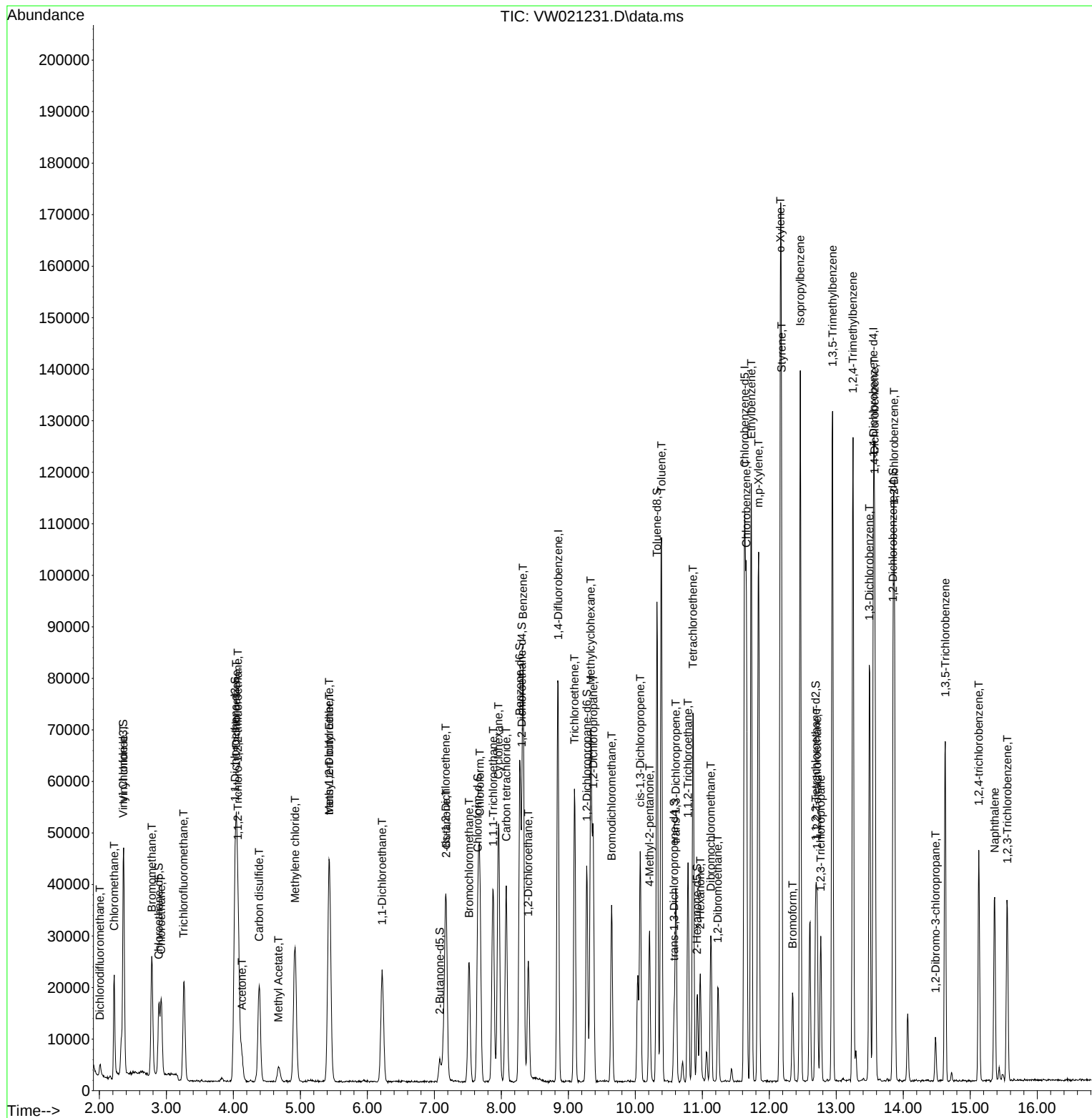
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	20542	19.015	ug/L	96
29) Cyclohexane	7.958	56	25231	19.466	ug/L #	81
30) 1,1,1-Trichloroethane	7.878	97	30214	22.056	ug/L	95
31) Carbon tetrachloride	8.073	117	26780	21.038	ug/L	98
33) Benzene	8.323	78	68473	20.494	ug/L	100
34) Trichloroethene	9.092	95	18558	20.134	ug/L	93
35) Methylcyclohexane	9.335	83	27334	17.618	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	15456	20.468	ug/L #	95
38) Bromodichloromethane	9.646	83	21486	20.241	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	22732	18.611	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	18026	35.041	ug/L #	91
42) Toluene	10.390	91	76561	20.062	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	19056	17.244	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	12876	20.338	ug/L	90
46) Tetrachloroethene	10.860	164	16941	20.071	ug/L	94
48) 2-Hexanone	10.969	43	13473	36.305	ug/L #	97
49) Dibromochloromethane	11.128	129	14728	18.613	ug/L	97
50) 1,2-Dibromoethane	11.231	107	12146	18.813	ug/L	97
51) Chlorobenzene	11.658	112	47674	18.696	ug/L #	87
52) Ethylbenzene	11.731	91	80093	18.643	ug/L	94
53) m,p-Xylene	11.841	106	33228	18.697	ug/L	95
54) o-Xylene	12.164	106	31871	19.020	ug/L	94
55) Styrene	12.182	104	50442	17.669	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	14090	18.503	ug/L #	98
59) Bromoform	12.347	173	7462	18.765	ug/L #	97
60) Isopropylbenzene	12.463	105	85843	22.152	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	10544	22.573	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	69789	21.505	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	67245	20.602	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	34334	18.816	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	32809	17.791	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	31794	19.570	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1873	17.758	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.627	180	20353	15.177	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	13468	12.222	ug/L	98
71) Naphthalene	15.365	128	31375	15.316	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	12459	12.955	ug/L	99

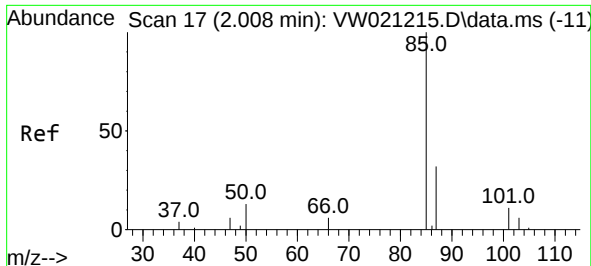
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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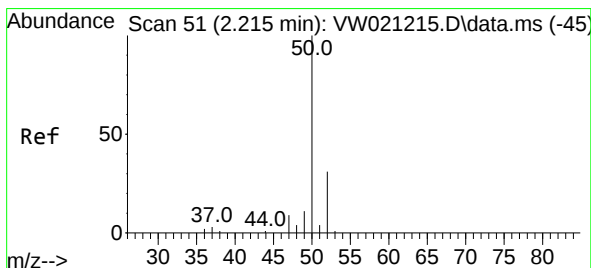
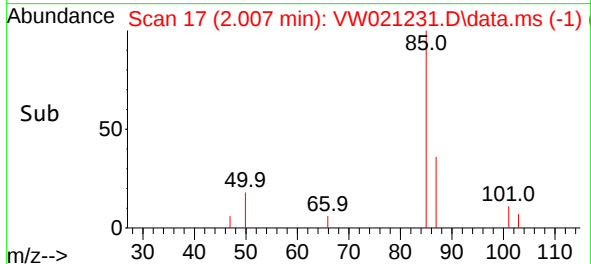
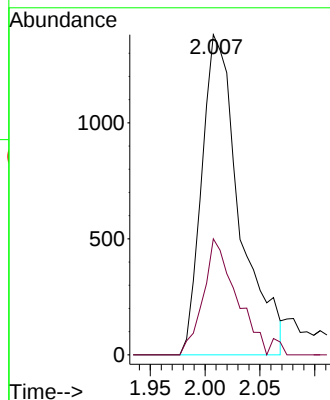
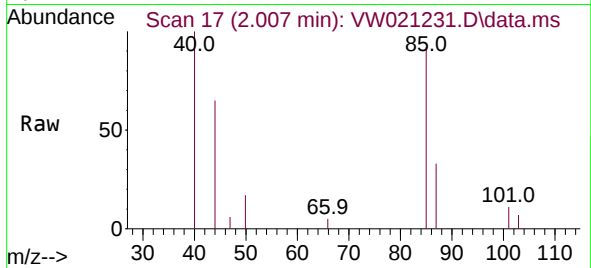




#2
 Dichlorodifluoromethane
 Concen: 10.100 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW021231.D
 Acq: 08 Dec 2021 15:43

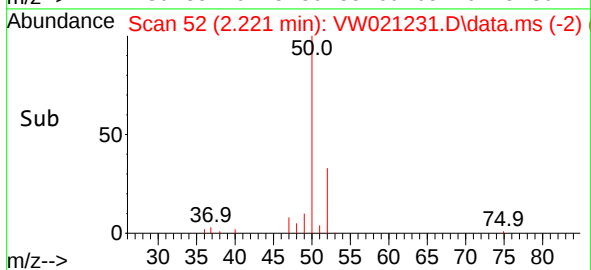
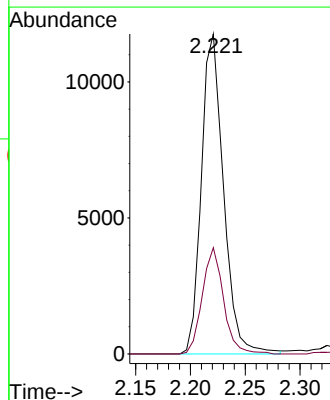
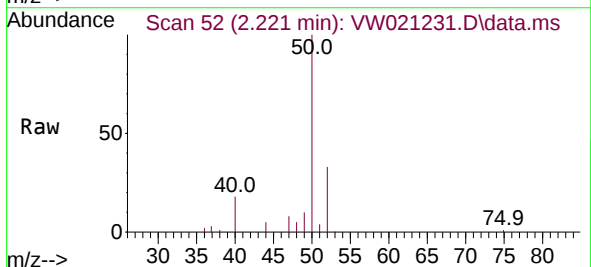
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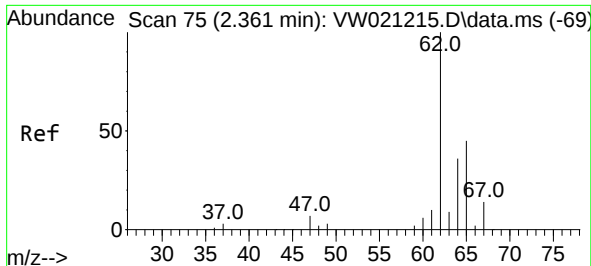
Tgt Ion: 85 Resp: 3312
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.6



#3
 Chloromethane
 Concen: 22.495 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW021231.D
 Acq: 08 Dec 2021 15:43

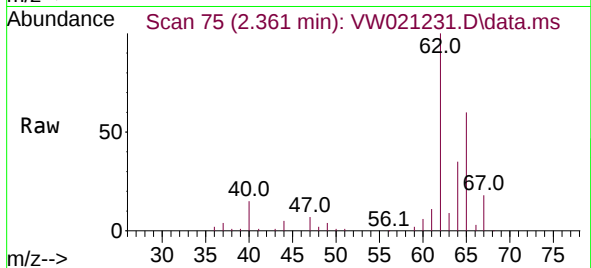
Tgt Ion: 50 Resp: 16514
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.6



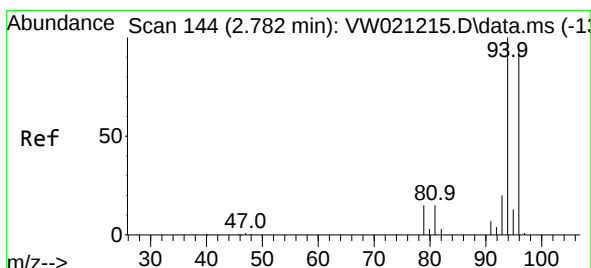
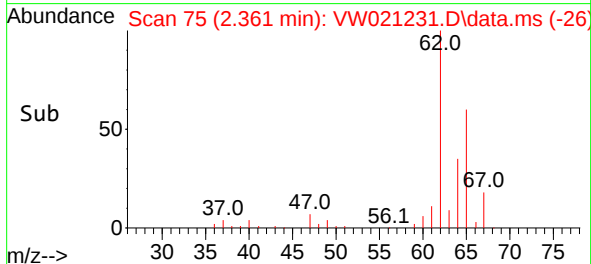
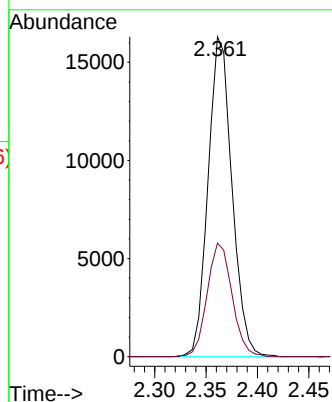


#5
 Vinyl chloride
 Concen: 20.659 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021231.D
 Acq: 08 Dec 2021 15:43

Instrument :
 MSVOA_W
 ClientSampleId :

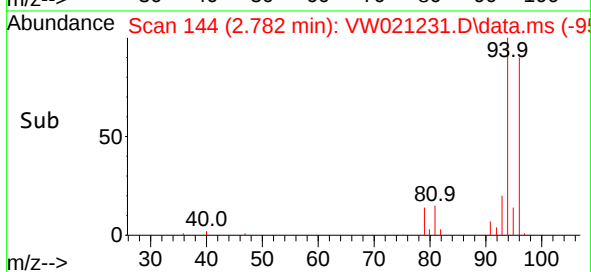
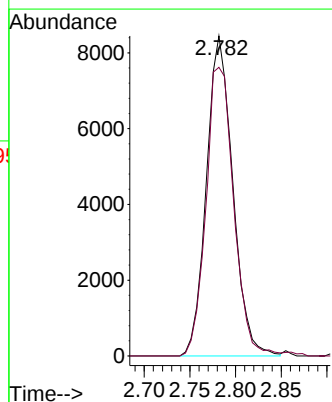
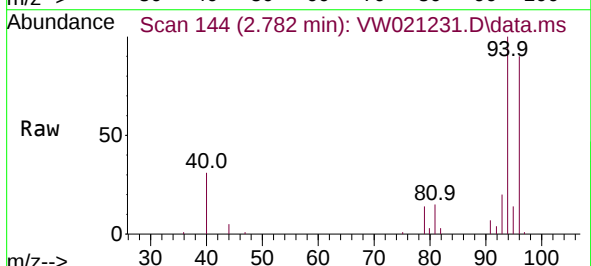


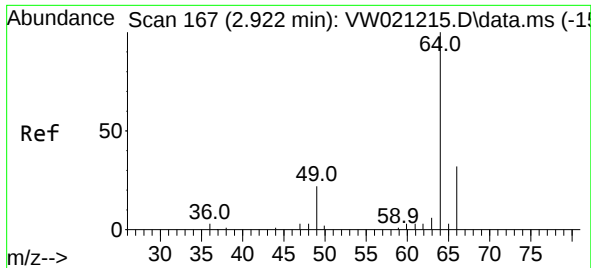
Tgt Ion: 62 Resp: 26347
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.4 45.2



#6
 Bromomethane
 Concen: 19.977 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW021231.D
 Acq: 08 Dec 2021 15:43

Tgt Ion: 94 Resp: 16940
 Ion Ratio Lower Upper
 94 100
 96 90.2 64.8 120.4

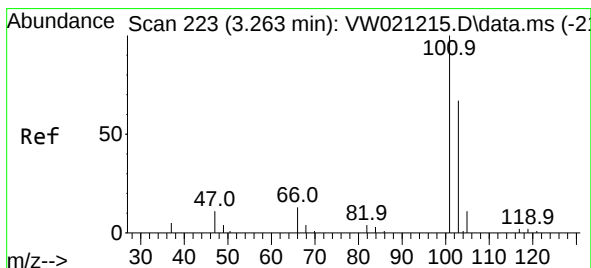
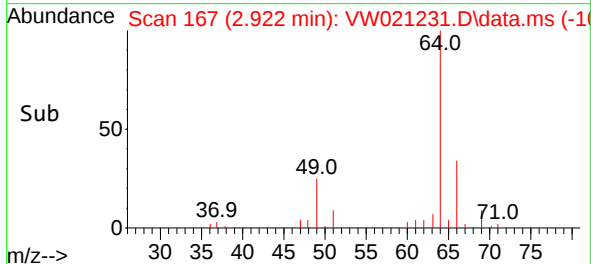
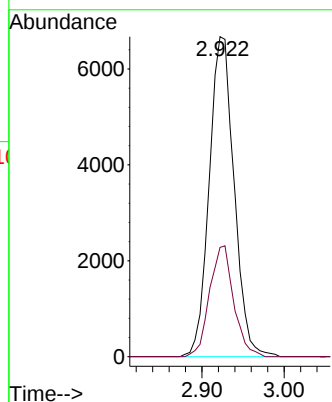
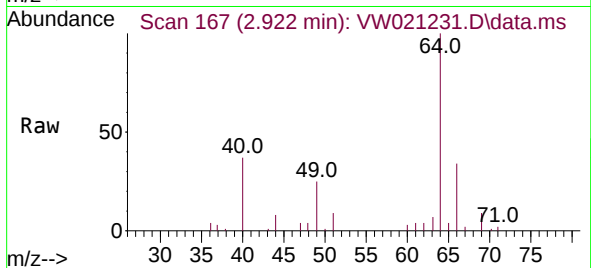




#8
Chloroethane
Concen: 26.391 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

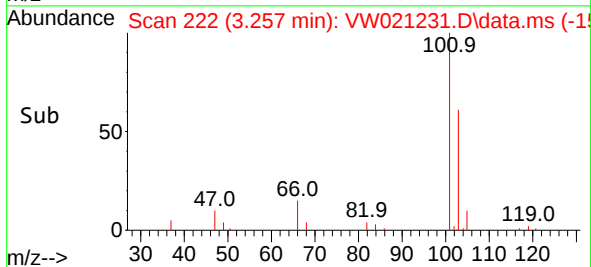
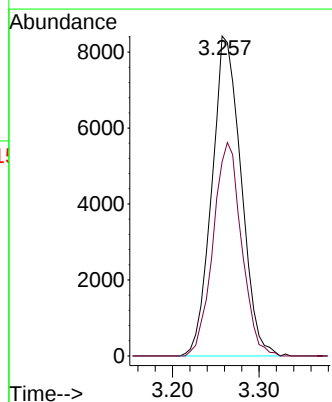
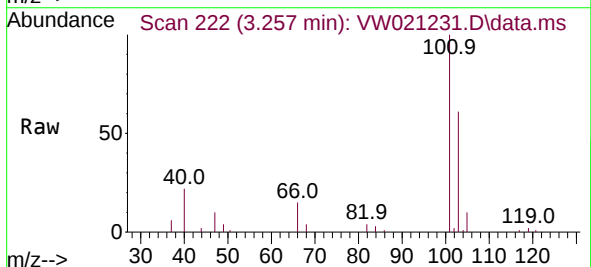
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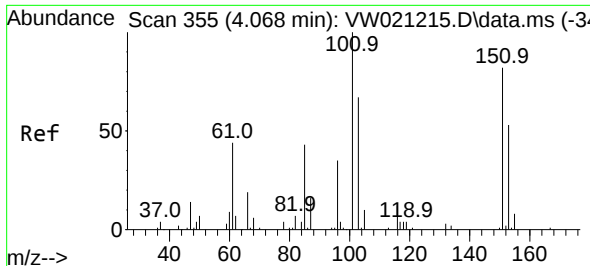
Tgt Ion: 64 Resp: 14027
Ion Ratio Lower Upper
64 100
66 34.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 32.001 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Tgt Ion: 101 Resp: 19706
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

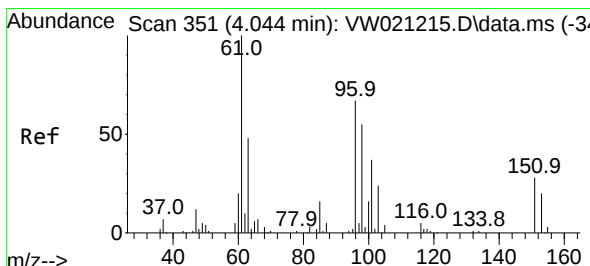
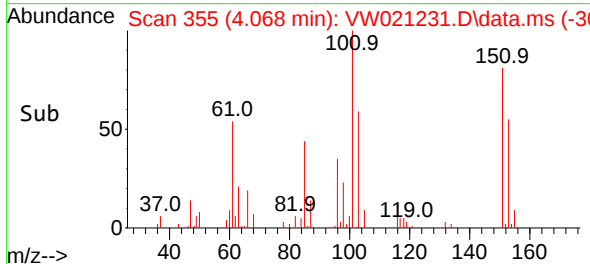
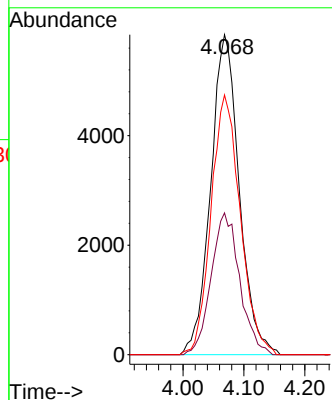
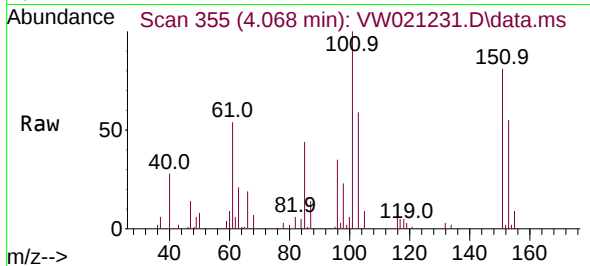




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.763 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW021231.D
 Acq: 08 Dec 2021 15:43

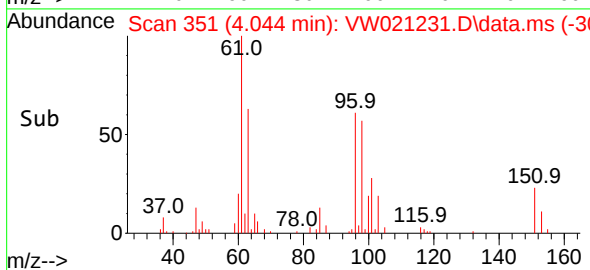
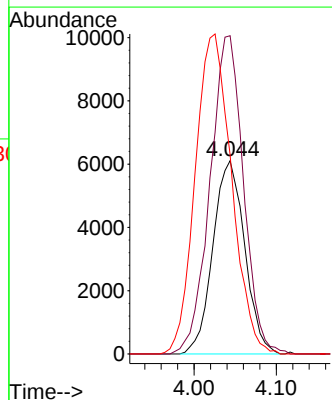
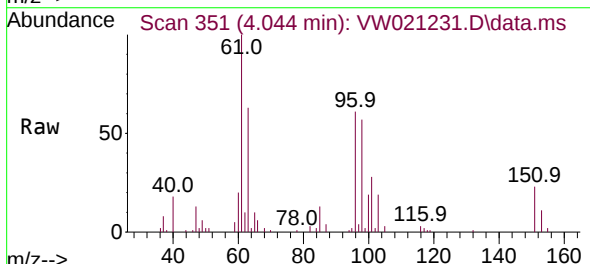
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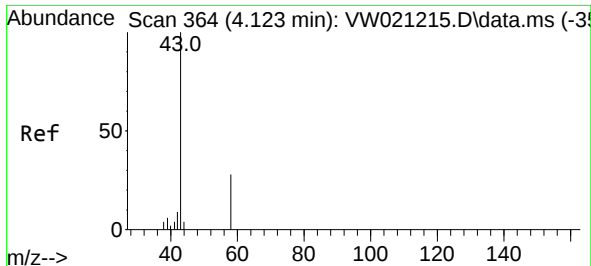
Tgt Ion:101 Resp: 19049
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.6 54.8
 151 83.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 18.830 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW021231.D
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Tgt Ion: 96 Resp: 16408
 Ion Ratio Lower Upper
 96 100
 61 164.7 138.3 256.9
 63 103.0 82.6 153.4

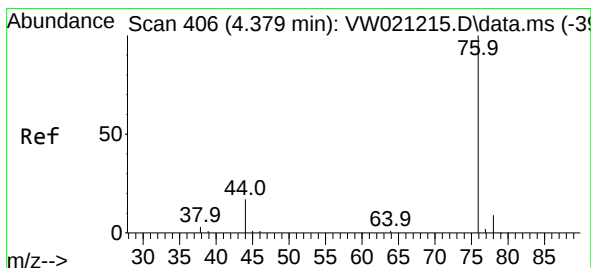
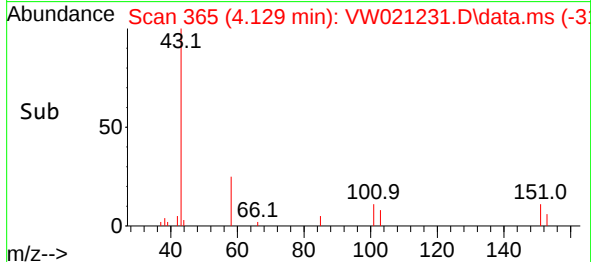
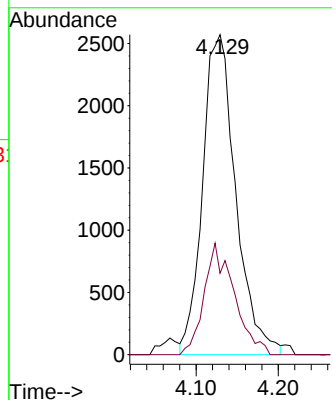
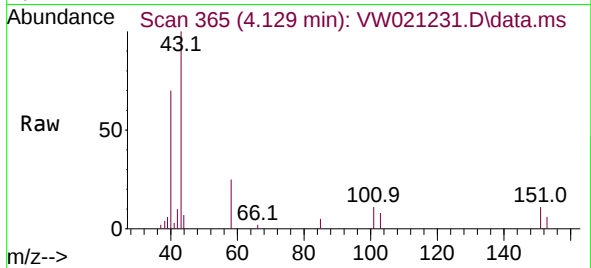




#13
Acetone
Concen: 37.053 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW021231.D
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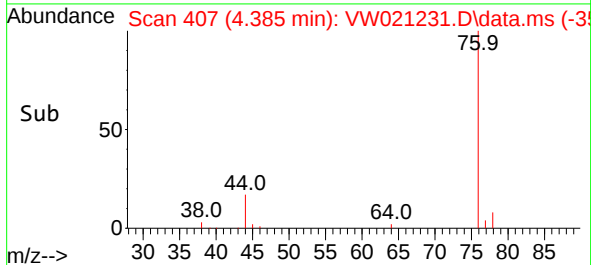
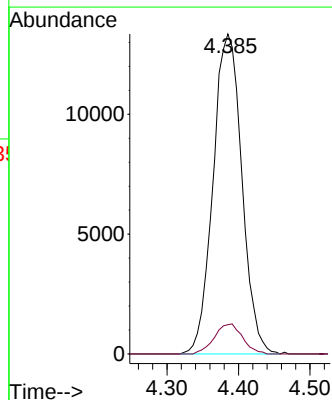
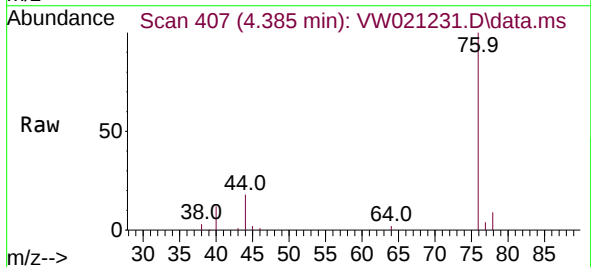
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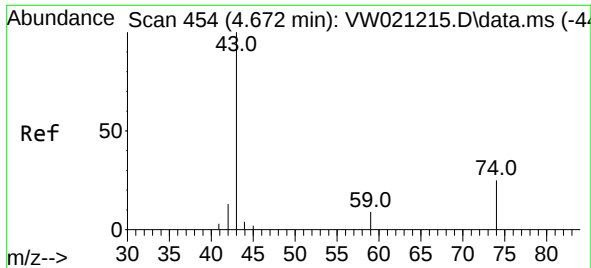
Tgt Ion: 43 Resp: 7201
Ion Ratio Lower Upper
43 100
58 17.3 0.0 52.8



#14
Carbon disulfide
Concen: 15.445 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 37358
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

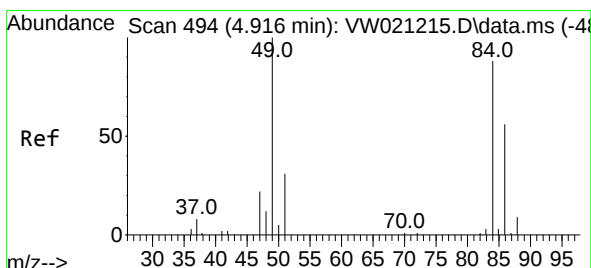
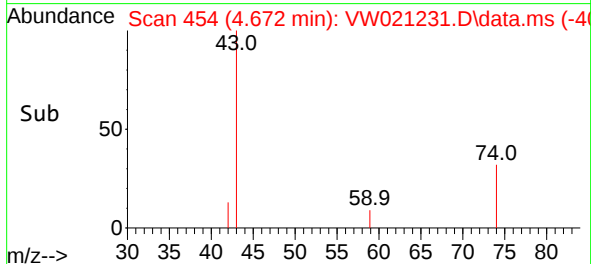
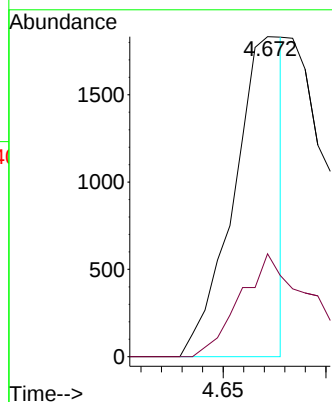
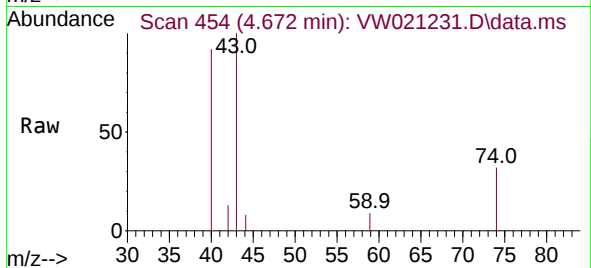




#15
Methyl Acetate
Concen: 8.712 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

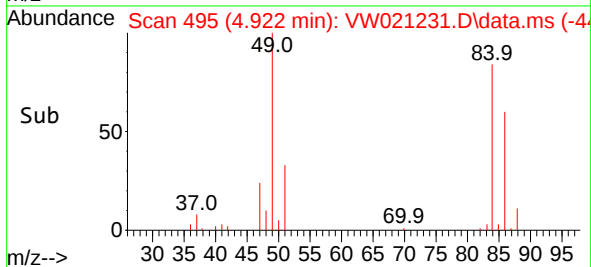
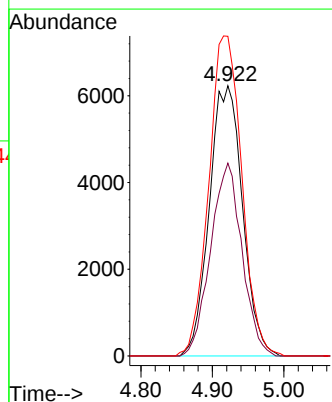
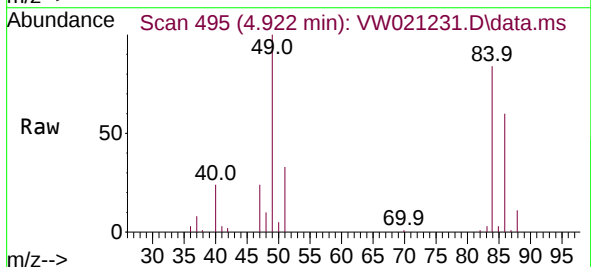
Instrument :
MSVOA_W
ClientSampleId :

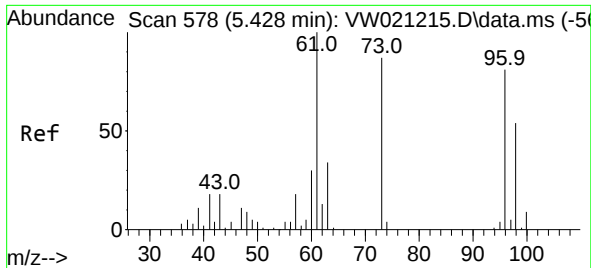
Tgt Ion: 43 Resp: 3070
Ion Ratio Lower Upper
43 100
74 43.8 16.4 24.6#



#16
Methylene chloride
Concen: 19.024 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

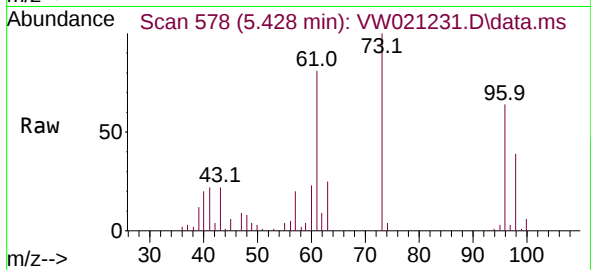
Tgt Ion: 84 Resp: 20121
Ion Ratio Lower Upper
84 100
86 71.4 45.5 84.5
49 118.3 100.5 186.7





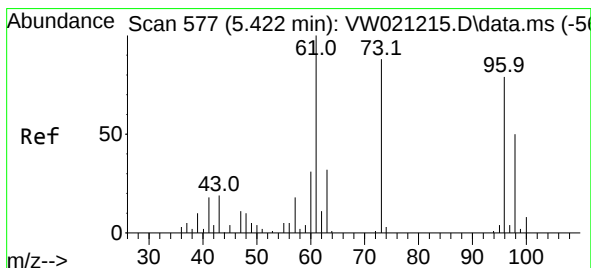
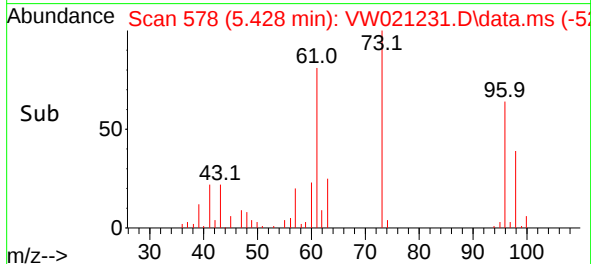
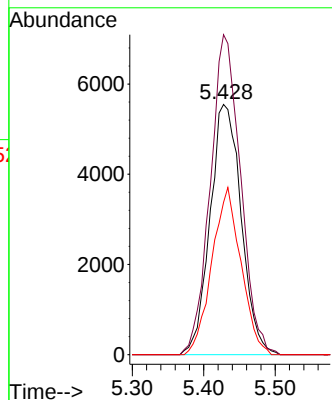
#17
trans-1,2-Dichloroethene
Concen: 18.080 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 16775

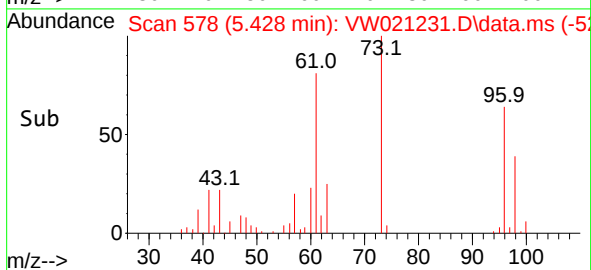
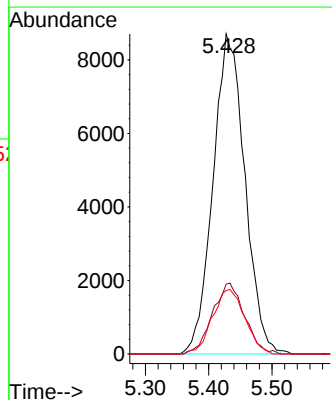
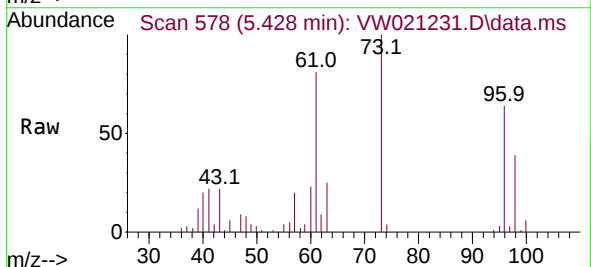
Ion	Ratio	Lower	Upper
96	100		
61	127.9	107.4	199.4
98	60.8	41.2	76.6

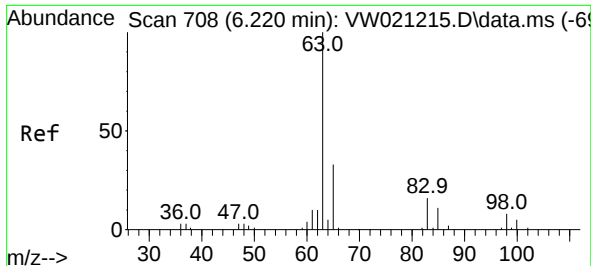


#18
Methyl tert-butyl Ether
Concen: 21.698 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Tgt Ion: 73 Resp: 30385

Ion	Ratio	Lower	Upper
73	100		
43	22.1	19.5	29.3
57	20.6	19.3	28.9





#19

1,1-Dichloroethane

Concen: 19.570 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

ClientSampleId :

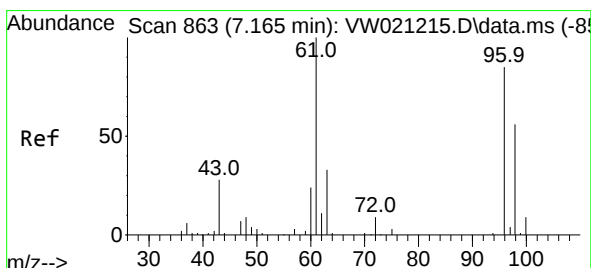
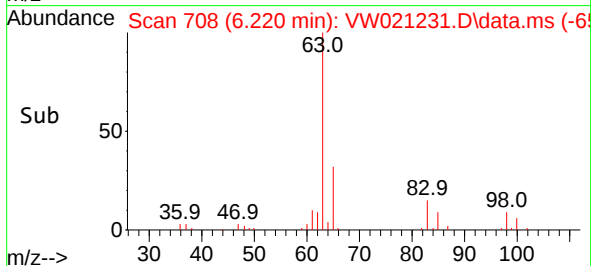
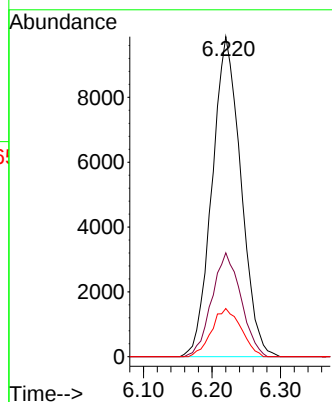
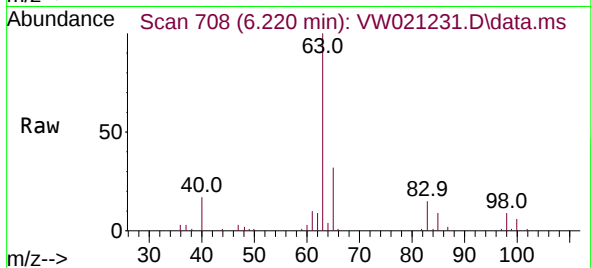
Tgt Ion: 63 Resp: 28792

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 15.0 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 18.748 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

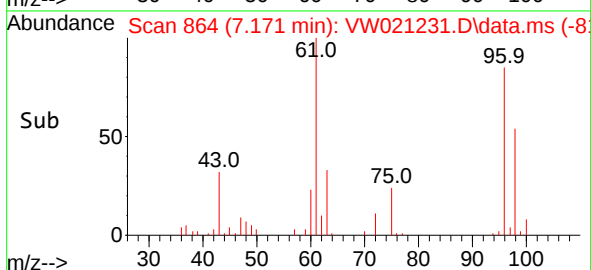
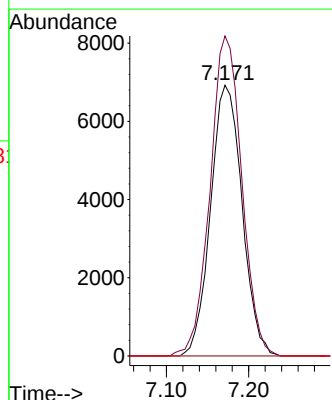
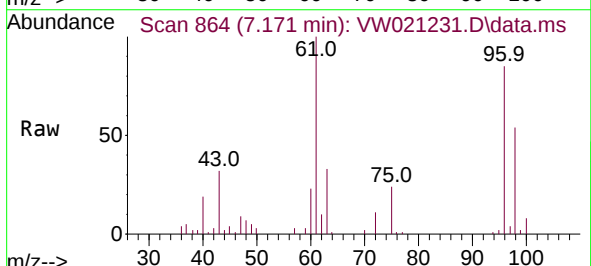
Tgt Ion: 96 Resp: 18454

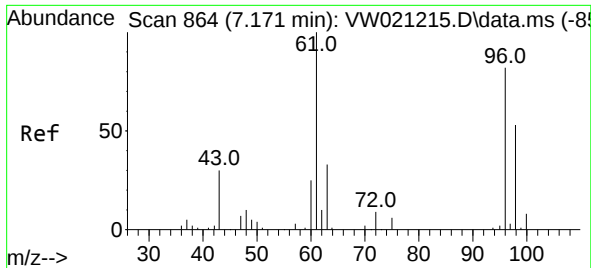
Ion Ratio Lower Upper

96 100

61 118.2 103.7 192.7

68 0.0 0.0 0.0

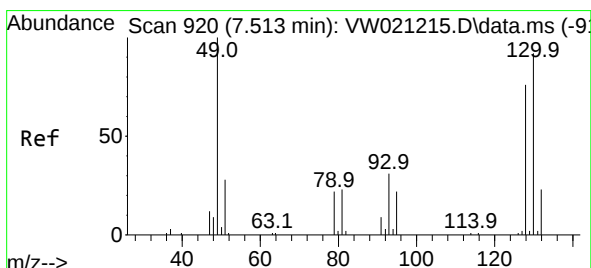
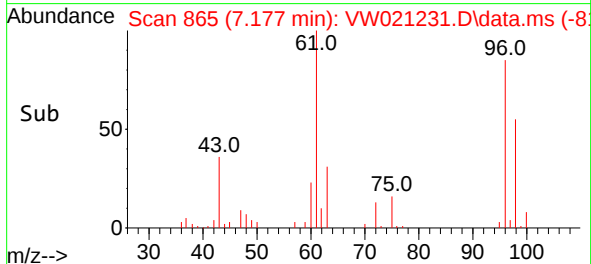
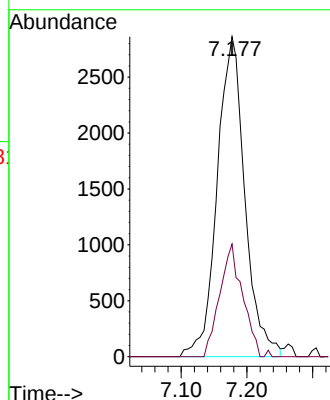
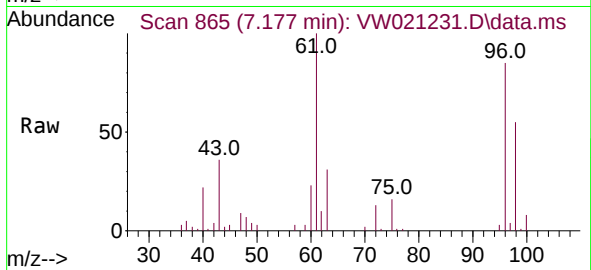




#22
2-Butanone
Concen: 31.170 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

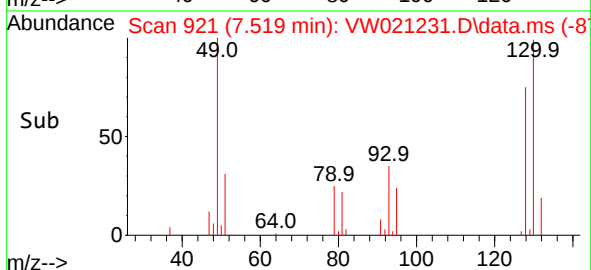
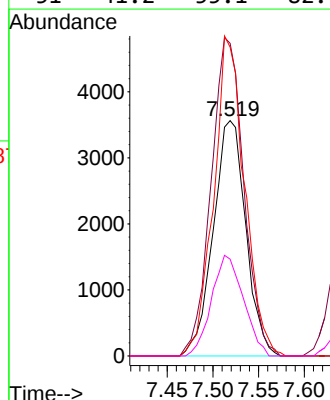
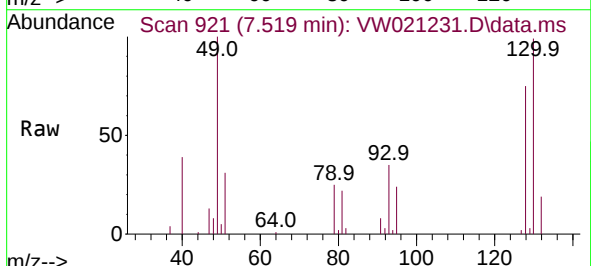
Instrument :
MSVOA_W
ClientSampleId :

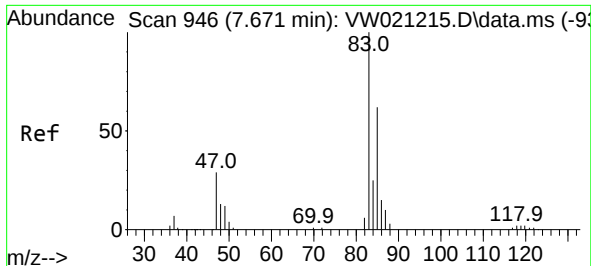
Tgt Ion: 43 Resp: 8383
Ion Ratio Lower Upper
43 100
72 29.0 11.8 35.4



#23
Bromochloromethane
Concen: 19.175 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Tgt Ion: 128 Resp: 8831
Ion Ratio Lower Upper
128 100
49 132.8 150.3 279.1#
130 131.2 88.3 163.9
51 41.2 55.1 82.7#





#25

Chloroform

Concen: 19.665 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

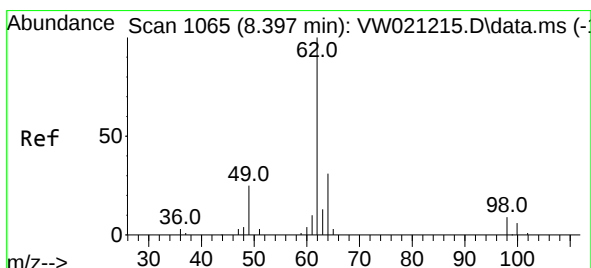
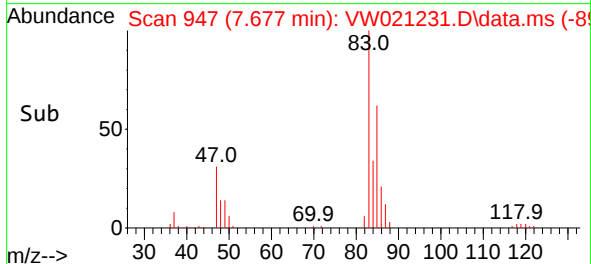
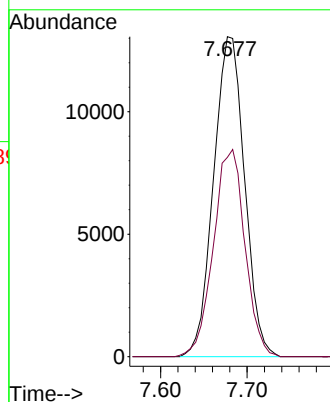
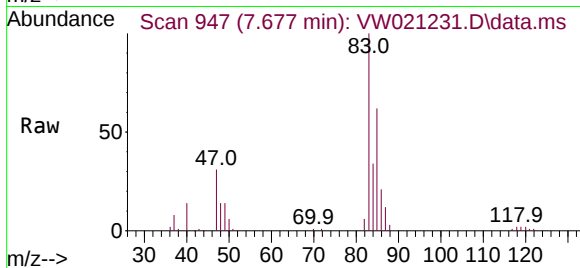
ClientSampleId :

Tgt Ion: 83 Resp: 32477

Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 19.015 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW021231.D

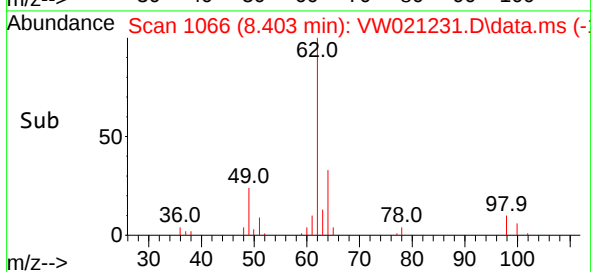
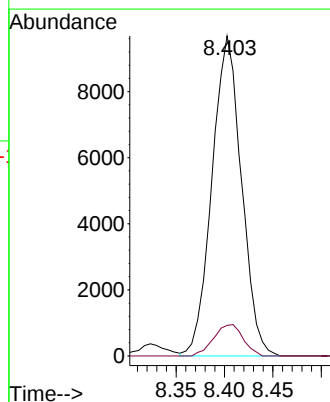
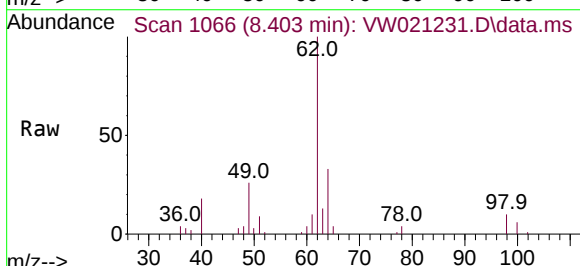
Acq: 08 Dec 2021 15:43

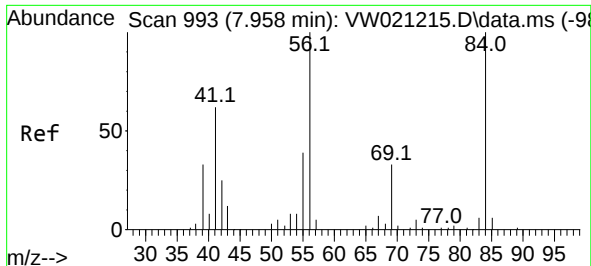
Tgt Ion: 62 Resp: 20542

Ion Ratio Lower Upper

62 100

98 9.5 6.5 9.7





#29

Cyclohexane

Concen: 19.466 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

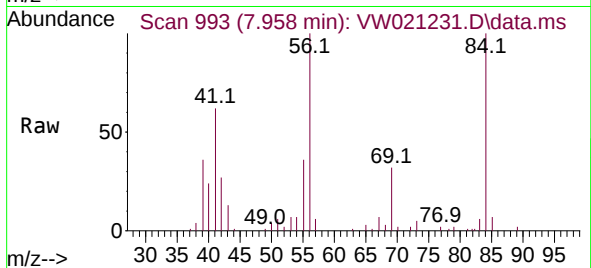
Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

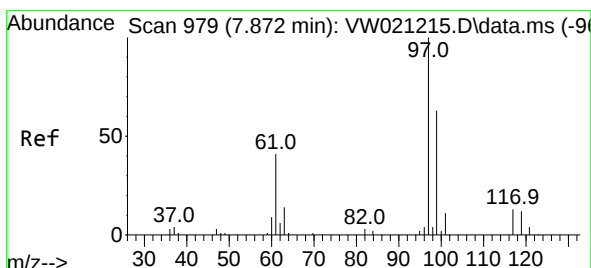
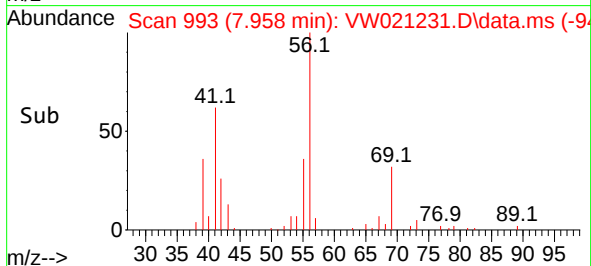
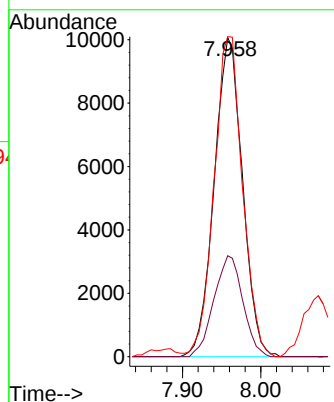
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	25231
Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.5	35.3
84	100.9	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 22.056 ug/L

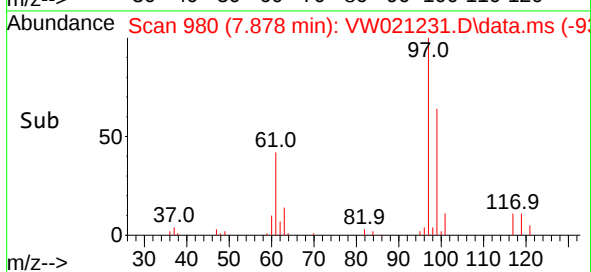
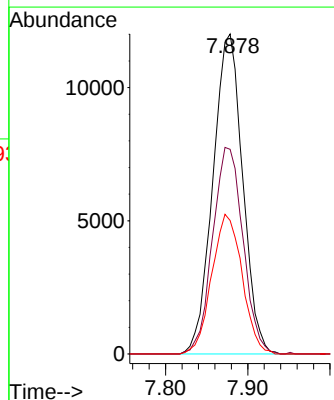
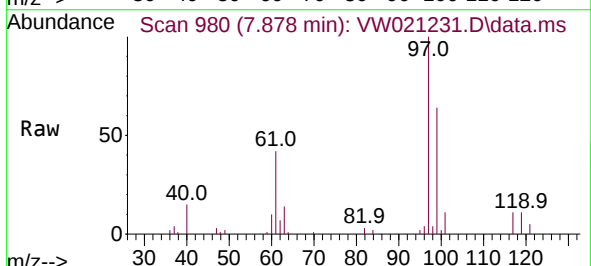
RT: 7.878 min Scan# 980

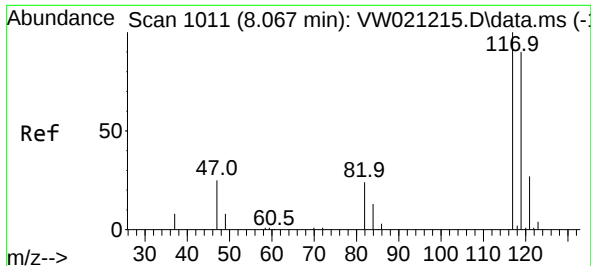
Delta R.T. 0.006 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Tgt Ion:	97	Resp:	30214
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.6	77.4
61	44.5	40.9	61.3

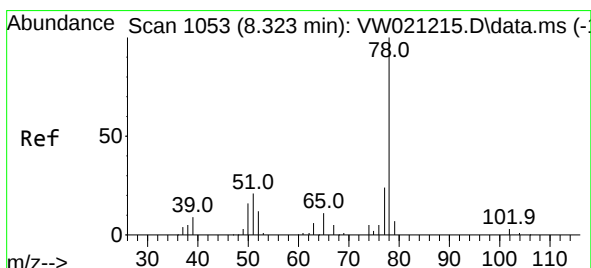
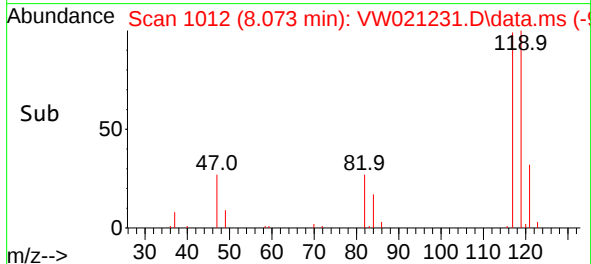
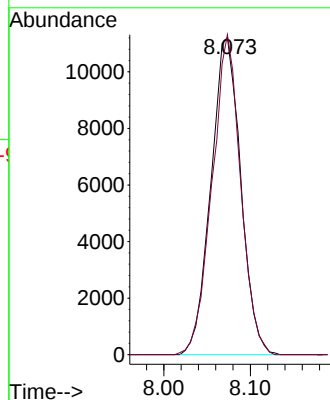
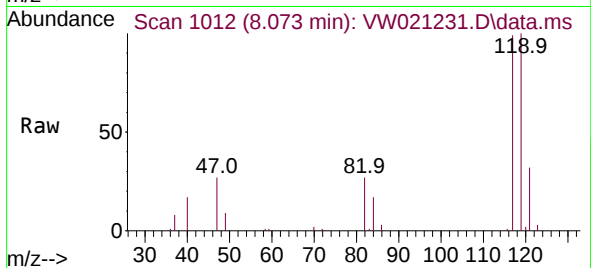




#31
Carbon tetrachloride
Concen: 21.038 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

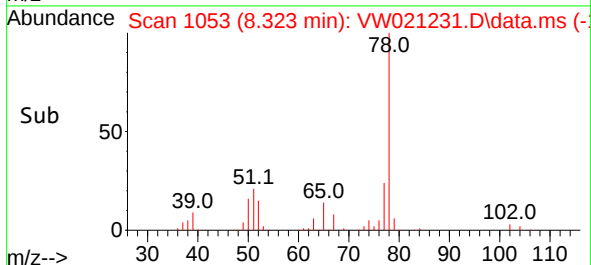
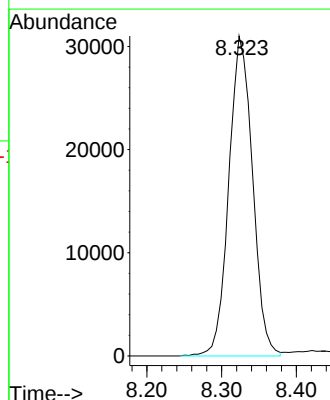
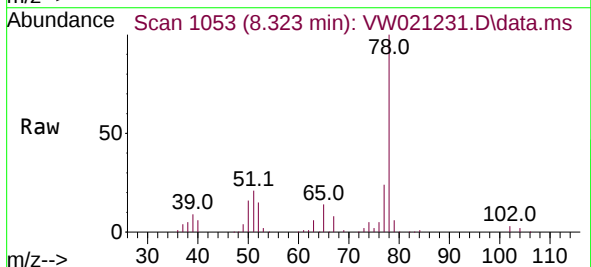
Instrument :
MSVOA_W
ClientSampleId :

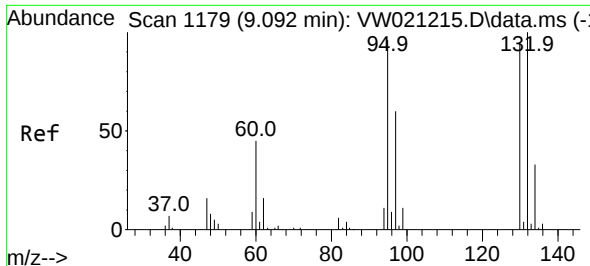
Tgt Ion:117 Resp: 26780
Ion Ratio Lower Upper
117 100
119 96.7 75.7 113.5



#33
Benzene
Concen: 20.494 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

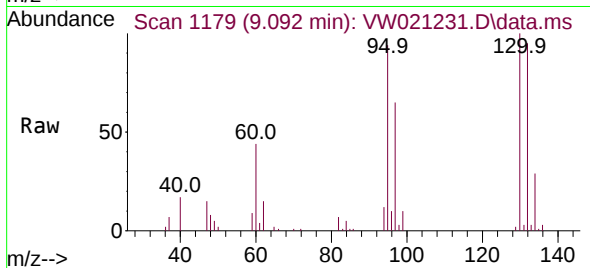
Tgt Ion: 78 Resp: 68473





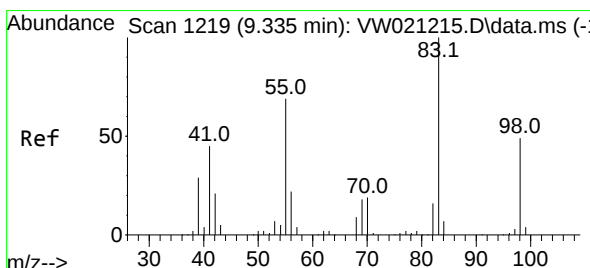
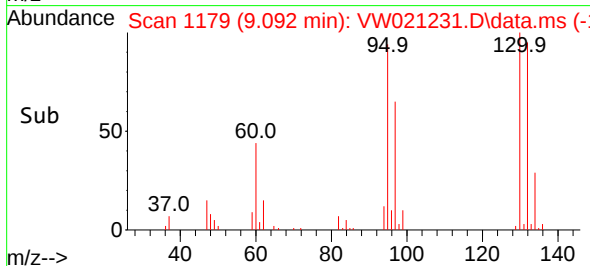
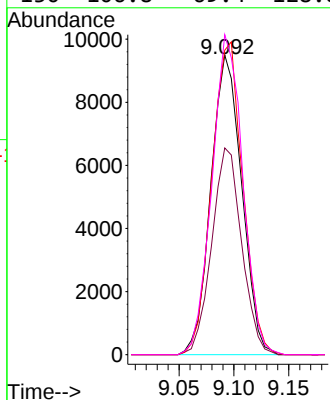
#34
Trichloroethene
Concen: 20.134 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 18558

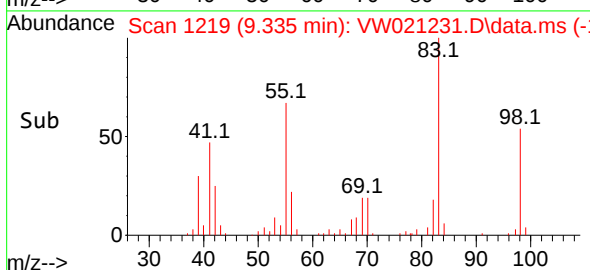
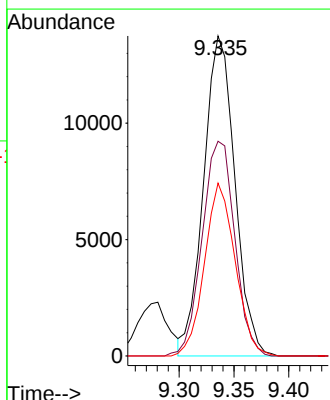
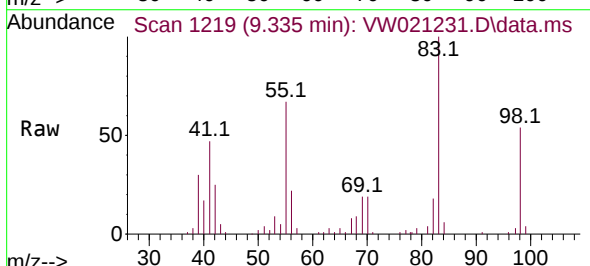
Ion	Ratio	Lower	Upper
95	100		
97	69.0	47.0	87.2
132	101.6	65.5	121.6
130	106.8	69.4	128.8

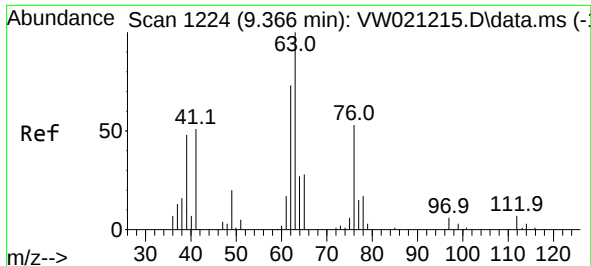


#35
Methylcyclohexane
Concen: 17.618 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Tgt Ion: 83 Resp: 27334

Ion	Ratio	Lower	Upper
83	100		
55	69.9	70.8	106.2
98	52.8	37.7	56.5





#37

1,2-Dichloropropane

Concen: 20.468 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

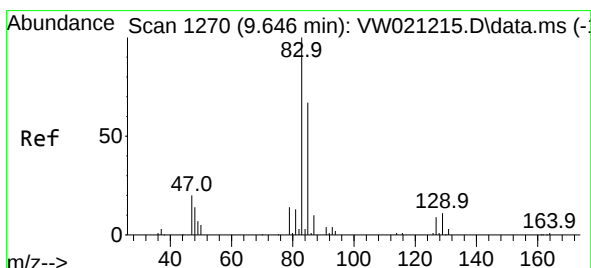
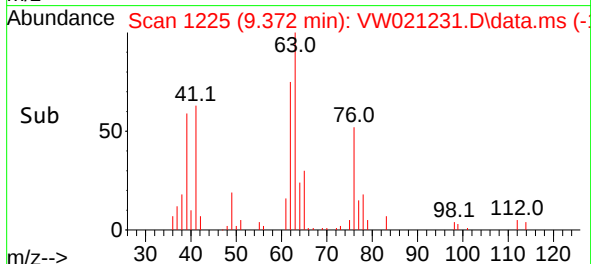
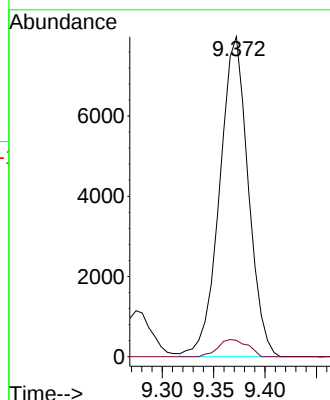
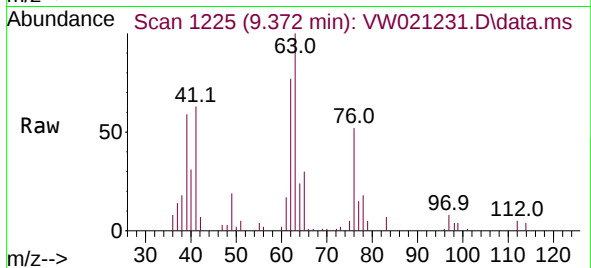
ClientSampleId :

Tgt Ion: 63 Resp: 15456

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 20.241 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

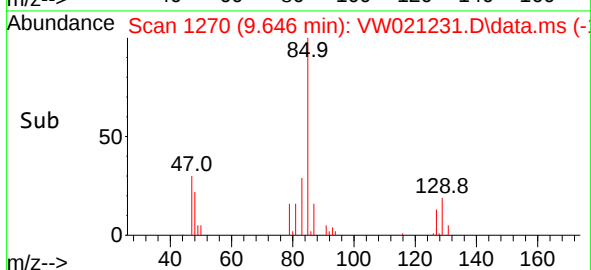
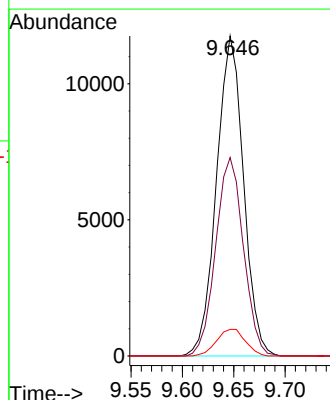
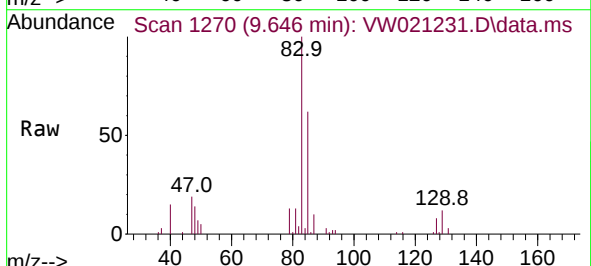
Tgt Ion: 83 Resp: 21486

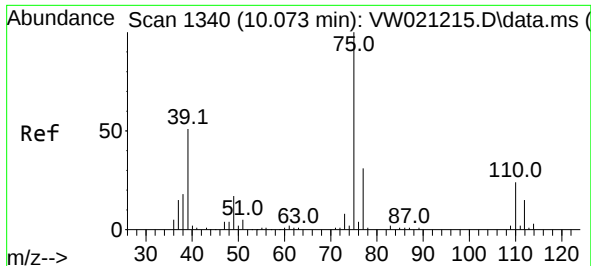
Ion Ratio Lower Upper

83 100

85 62.0 44.1 81.9

127 8.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 18.611 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

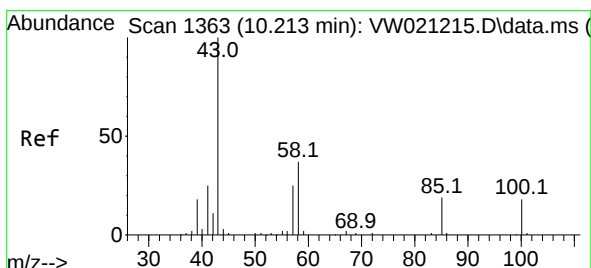
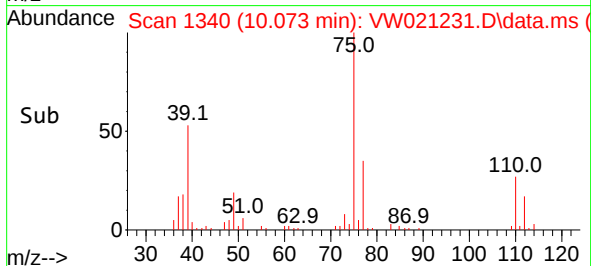
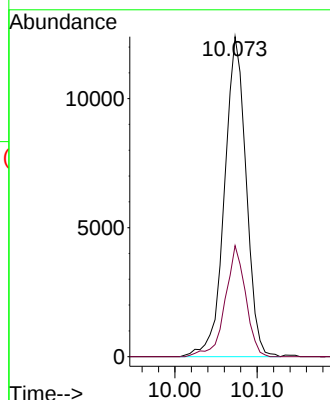
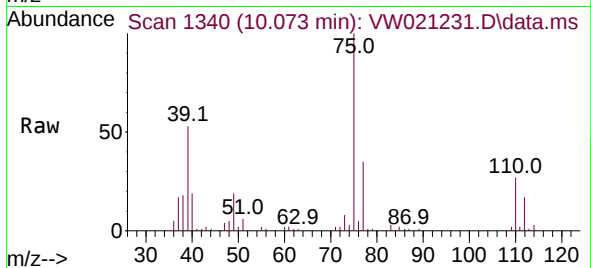
ClientSampleId :

Tgt Ion: 75 Resp: 22732

Ion Ratio Lower Upper

75 100

77 34.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 35.041 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

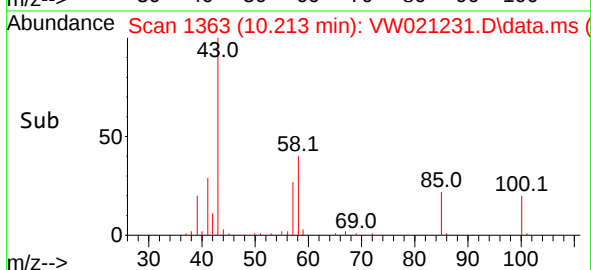
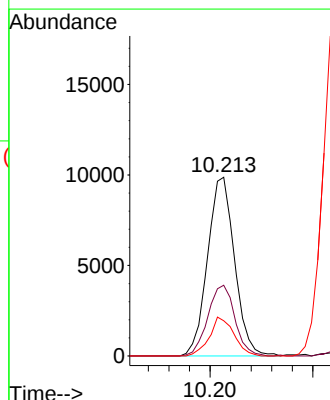
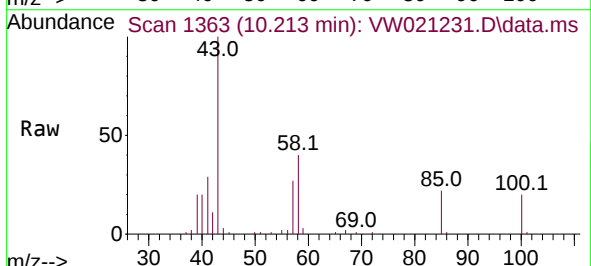
Tgt Ion: 43 Resp: 18026

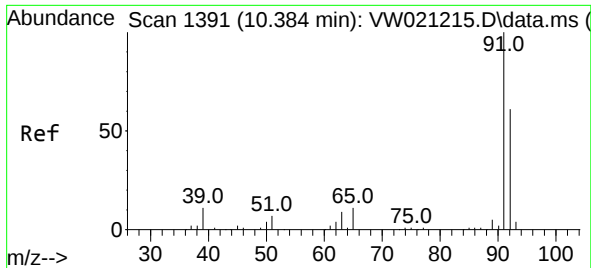
Ion Ratio Lower Upper

43 100

58 39.5 28.8 43.2

100 19.7 10.0 15.0#

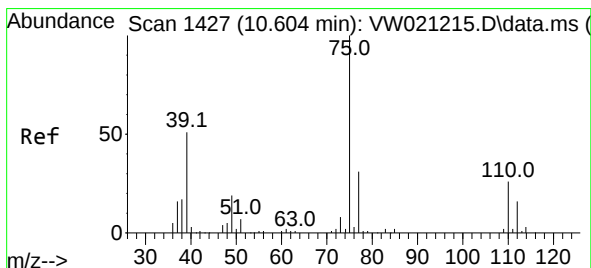
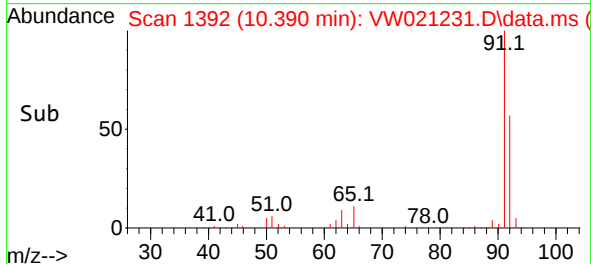
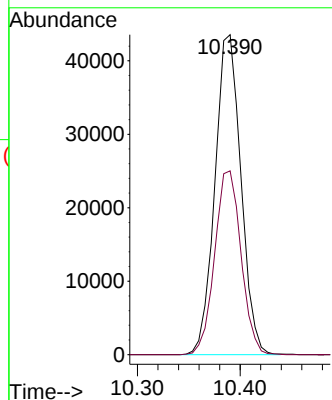
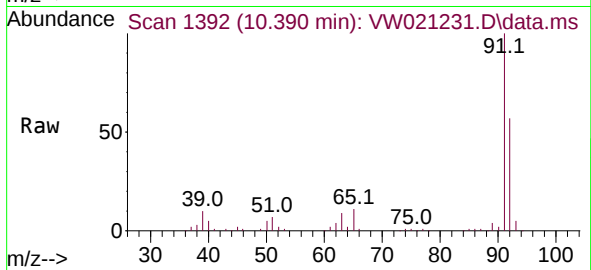




#42
Toluene
Concen: 20.062 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

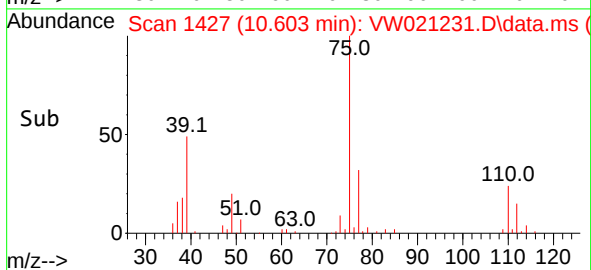
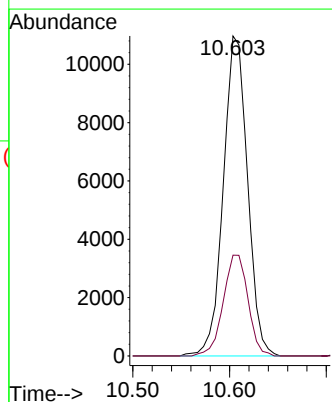
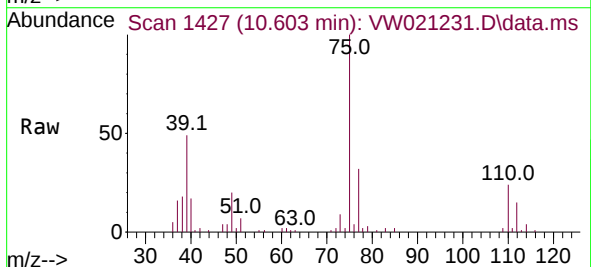
Instrument :
MSVOA_W
ClientSampleId :

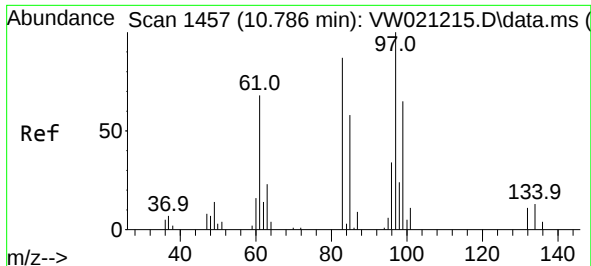
Tgt Ion: 91 Resp: 76561
Ion Ratio Lower Upper
91 100
92 57.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 17.244 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Tgt Ion: 75 Resp: 19056
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 20.338 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 12876

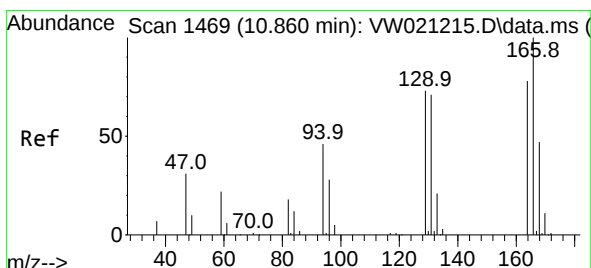
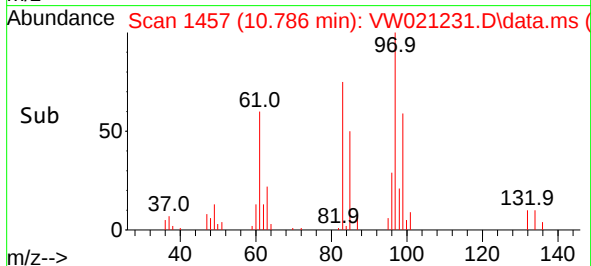
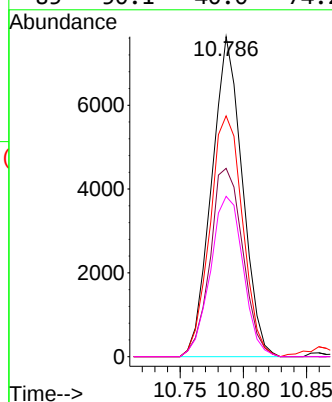
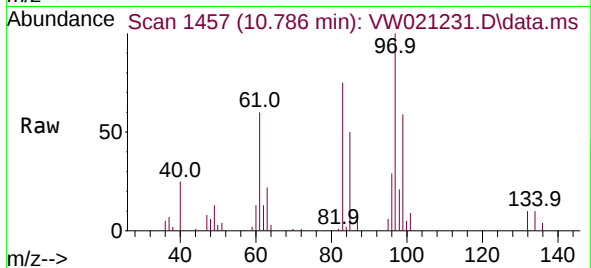
Ion Ratio Lower Upper

97 100

99 58.8 43.0 79.8

83 75.2 62.6 116.3

85 50.1 40.0 74.2



#46

Tetrachloroethene

Concen: 20.071 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Tgt Ion:164 Resp: 16941

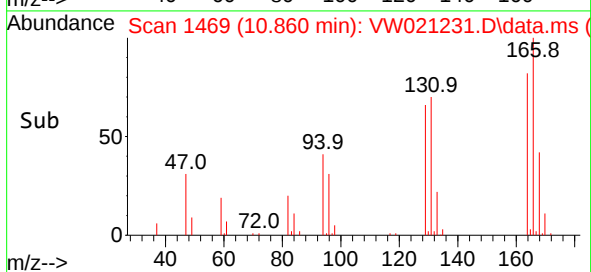
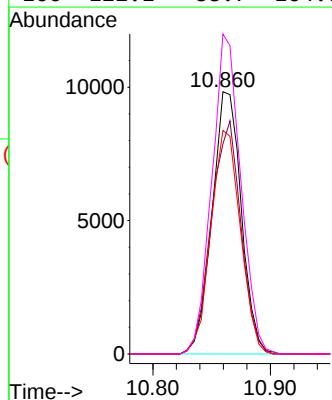
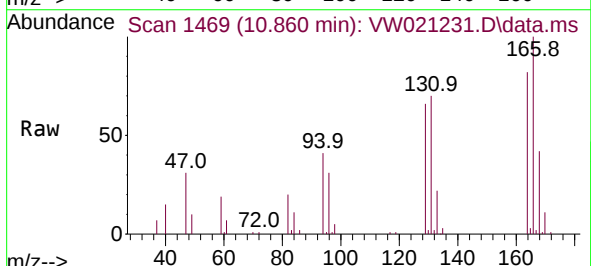
Ion Ratio Lower Upper

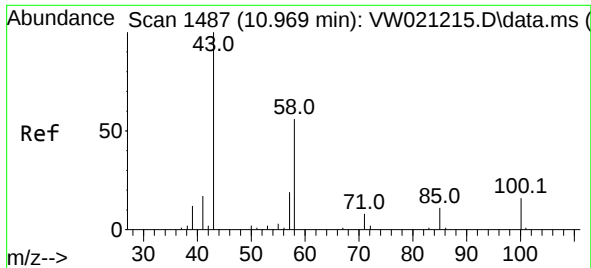
164 100

129 80.1 65.5 121.7

131 85.2 59.7 110.9

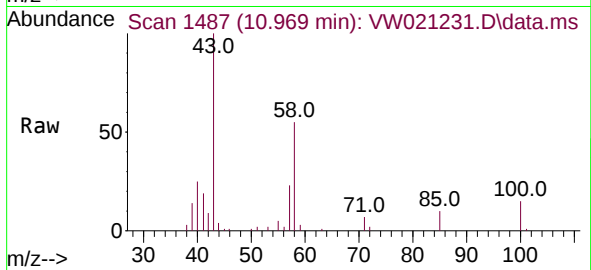
166 122.1 88.7 164.7



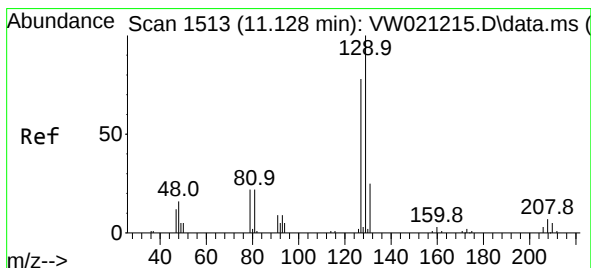
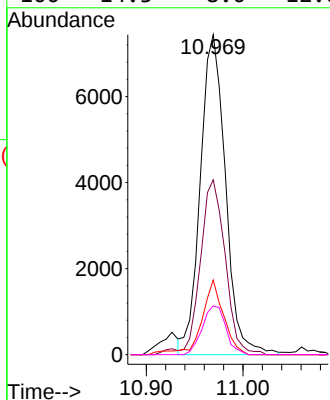
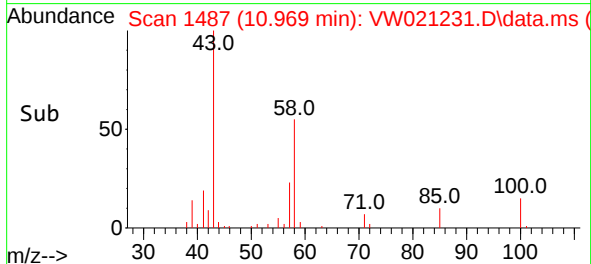


#48
2-Hexanone
Concen: 36.305 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Instrument :
MSVOA_W
ClientSampleId :

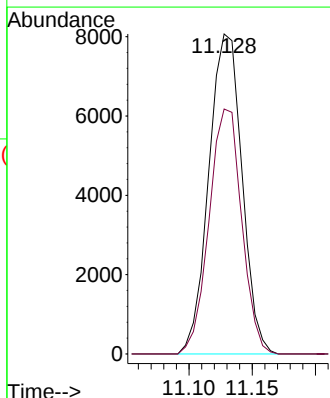
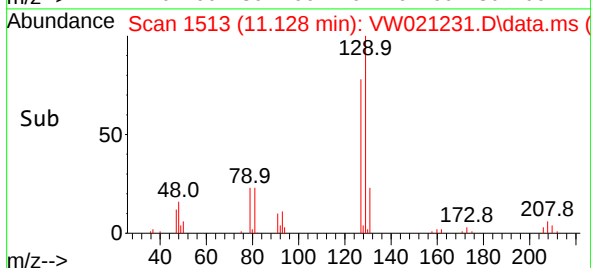
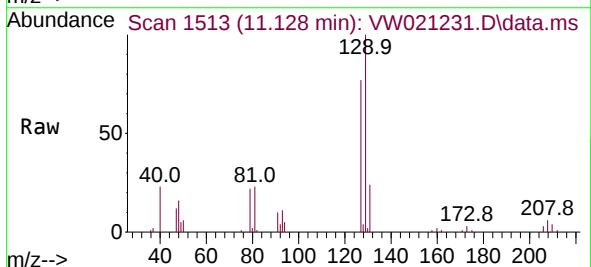


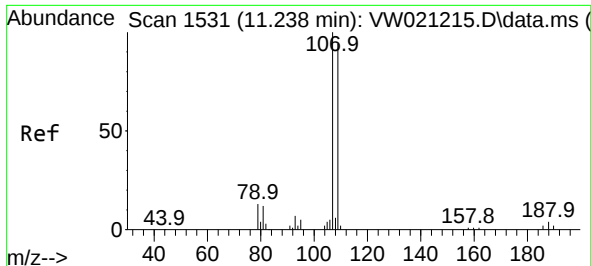
Tgt Ion: 43 Resp: 13473
Ion Ratio Lower Upper
43 100
58 51.4 40.2 60.2
57 18.7 14.3 21.5
100 14.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 18.613 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

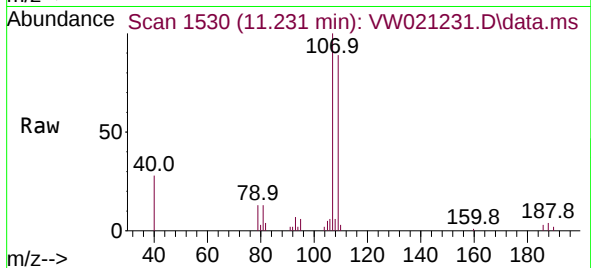
Tgt Ion: 129 Resp: 14728
Ion Ratio Lower Upper
129 100
127 76.6 55.7 103.5



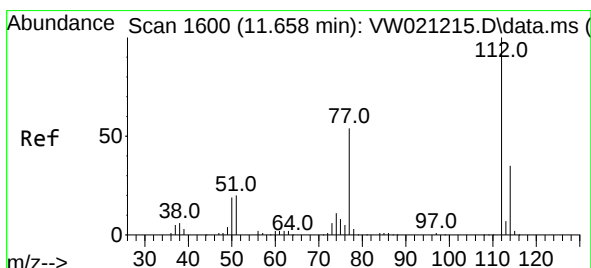
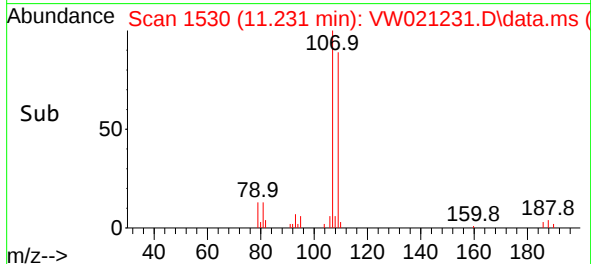
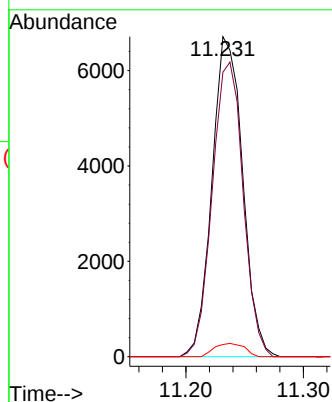


#50
1,2-Dibromoethane
Concen: 18.813 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Instrument :
MSVOA_W
ClientSampleId :

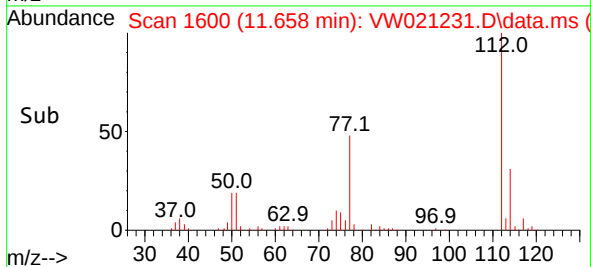
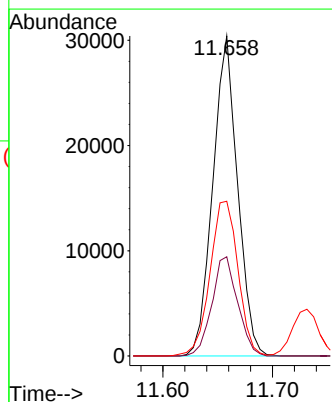
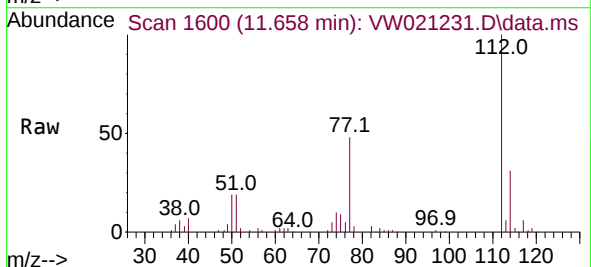


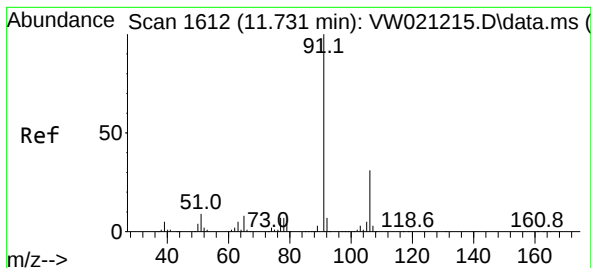
Tgt Ion:107 Resp: 12146
Ion Ratio Lower Upper
107 100
109 88.9 64.1 119.1
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 18.696 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Tgt Ion:112 Resp: 47674
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 48.3 50.2 75.4#

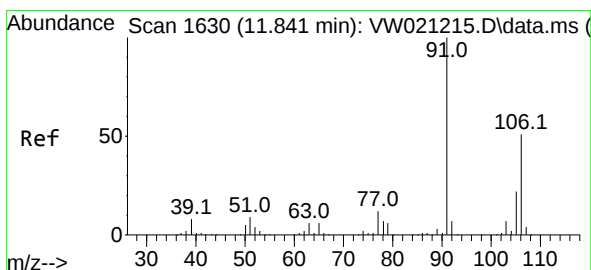
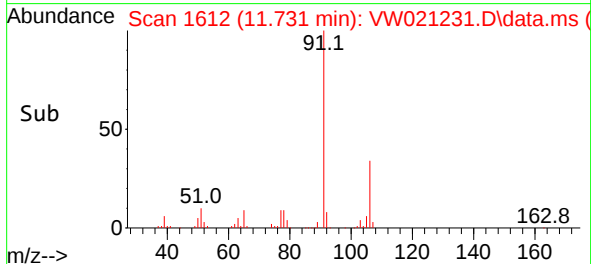
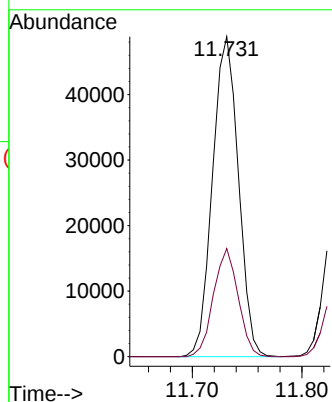
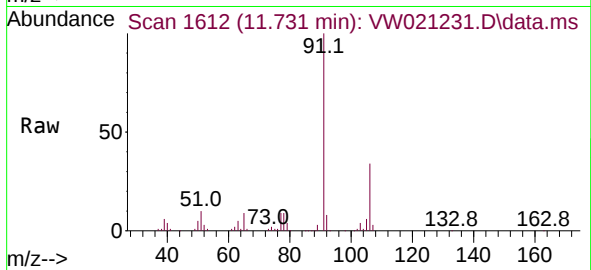




#52
Ethylbenzene
Concen: 18.643 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

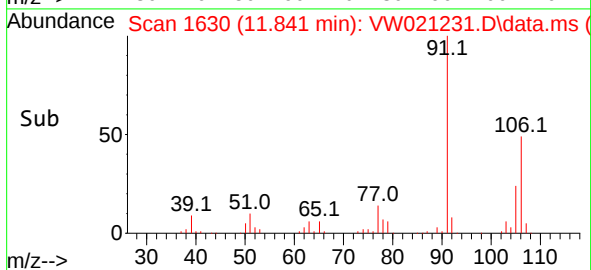
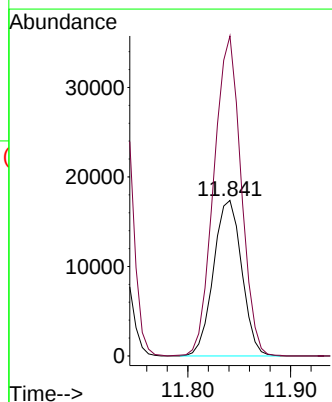
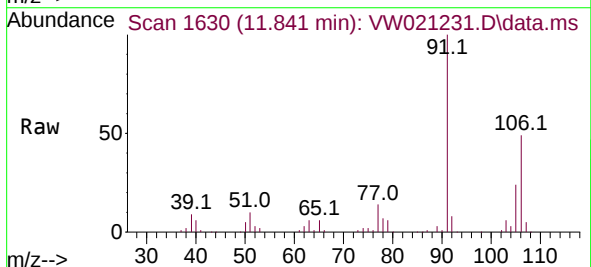
Instrument :
MSVOA_W
ClientSampleId :

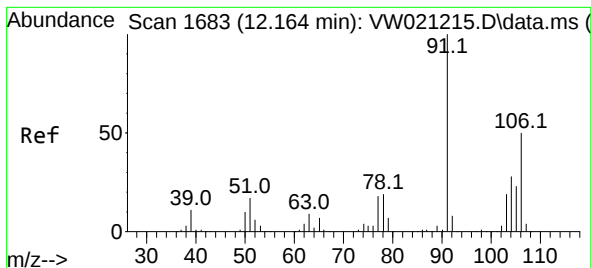
Tgt Ion: 91 Resp: 80093
Ion Ratio Lower Upper
91 100
106 33.8 21.5 39.9



#53
m,p-Xylene
Concen: 18.697 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021231.D
Acq: 08 Dec 2021 15:43

Tgt Ion: 106 Resp: 33228
Ion Ratio Lower Upper
106 100
91 205.8 149.9 278.3





#54

o-Xylene

Concen: 19.020 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

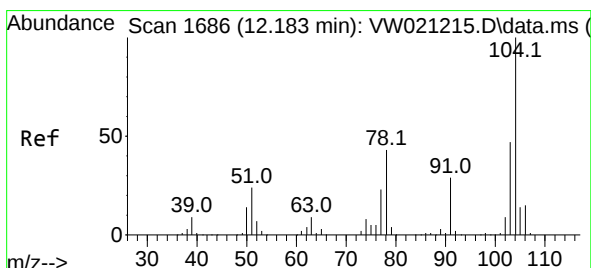
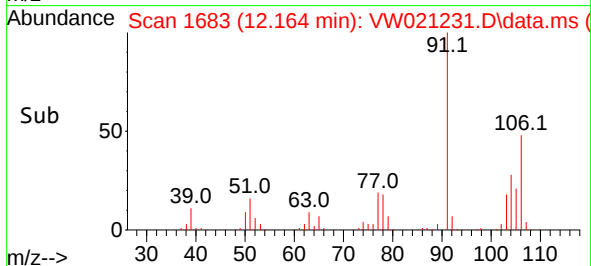
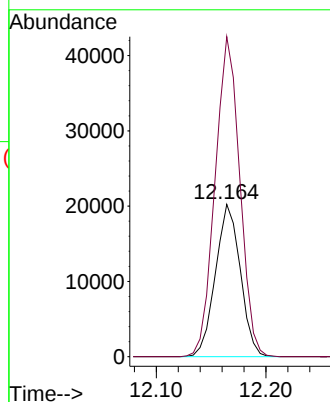
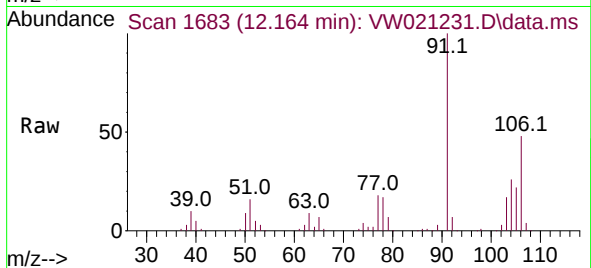
ClientSampleId :

Tgt Ion:106 Resp: 31871

Ion Ratio Lower Upper

106 100

91 210.0 153.6 285.3



#55

Styrene

Concen: 17.669 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW021231.D

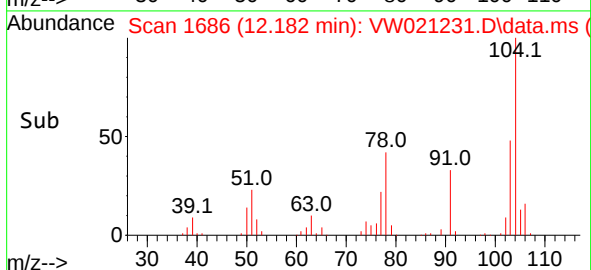
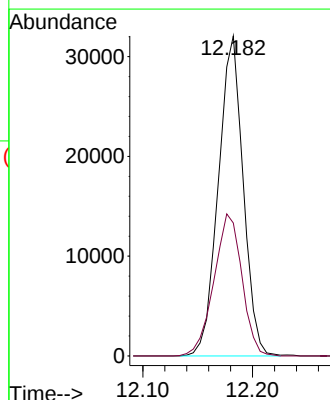
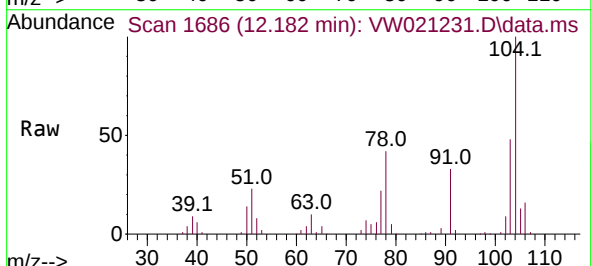
Acq: 08 Dec 2021 15:43

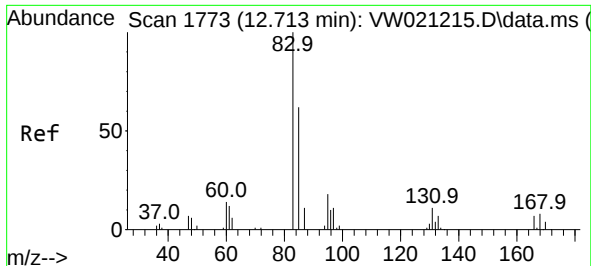
Tgt Ion:104 Resp: 50442

Ion Ratio Lower Upper

104 100

78 41.6 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 18.503 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021231.D

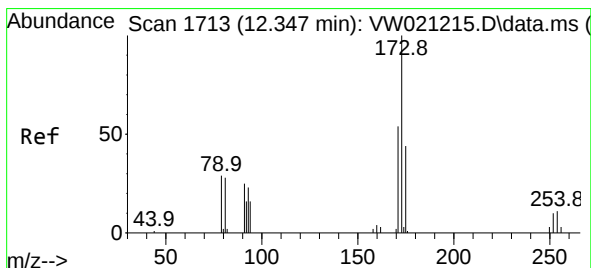
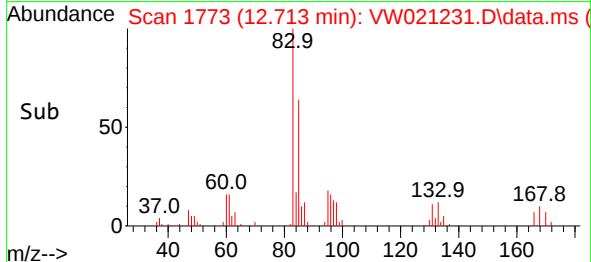
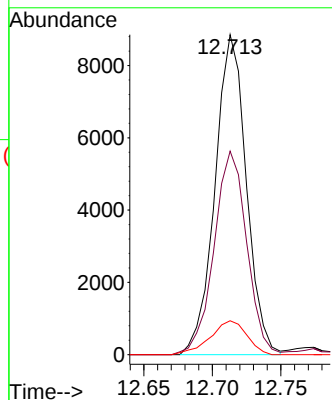
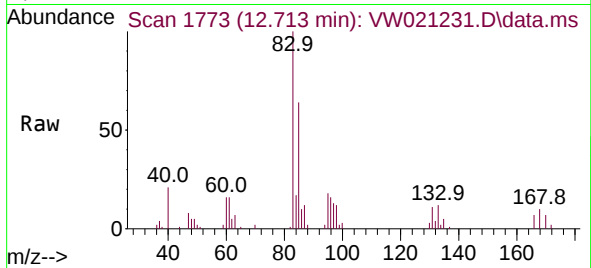
Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	14090
Ion Ratio	Lower	Upper	
83	100		
85	63.6	44.0	81.6
131	10.6	6.9	10.3#



#59

Bromoform

Concen: 18.765 ug/L

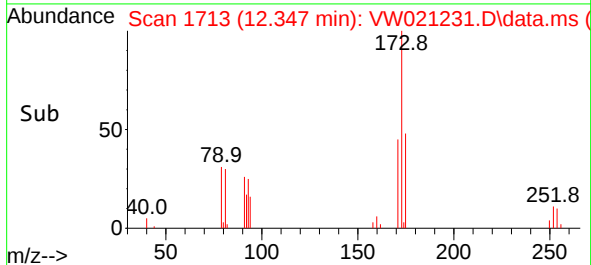
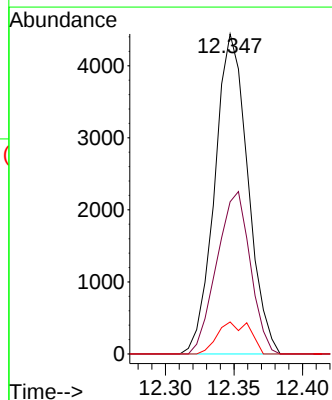
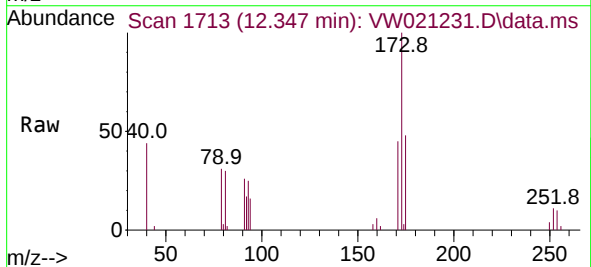
RT: 12.347 min Scan# 1713

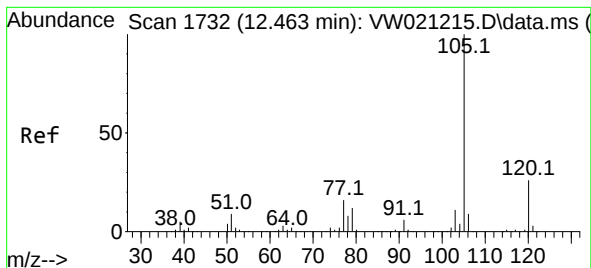
Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Tgt Ion:	173	Resp:	7462
Ion Ratio	Lower	Upper	
173	100		
175	51.2	39.6	59.4
254	6.7	7.4	11.0#





#60

Isopropylbenzene

Concen: 22.152 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

ClientSampleId :

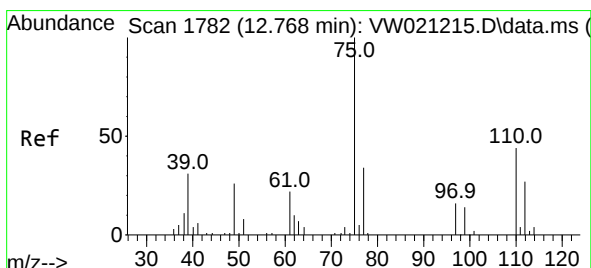
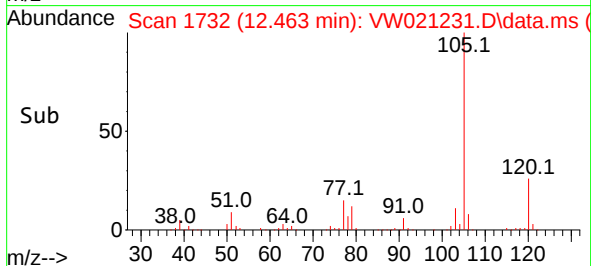
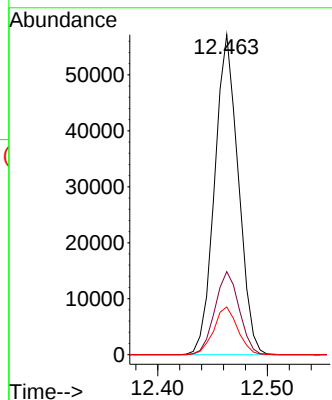
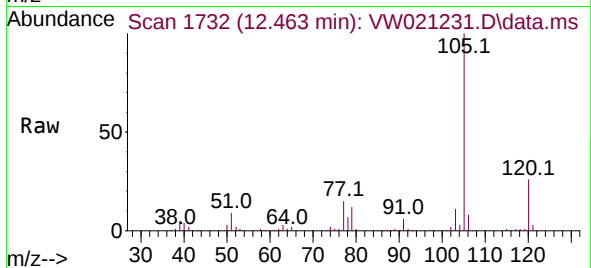
Tgt Ion:105 Resp: 85843

Ion Ratio Lower Upper

105 100

120 26.6 20.1 30.1

77 15.1 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 22.573 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

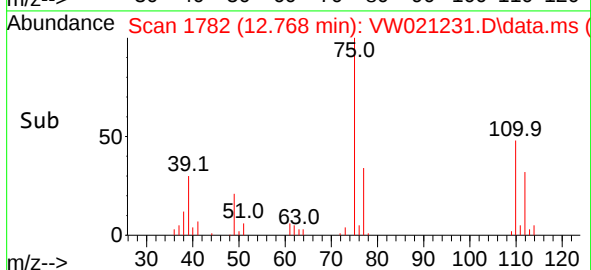
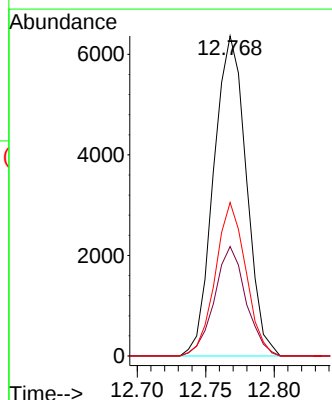
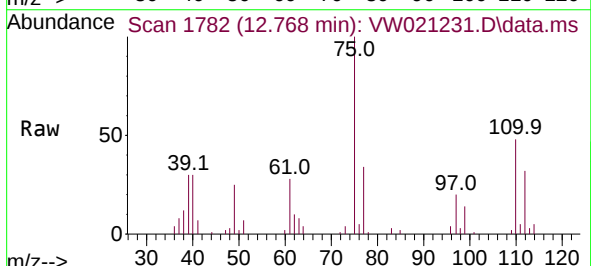
Tgt Ion: 75 Resp: 10544

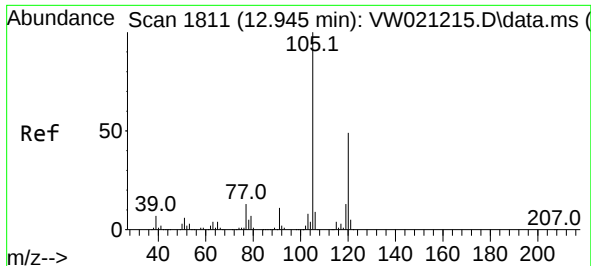
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.8

110 44.8 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 21.505 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

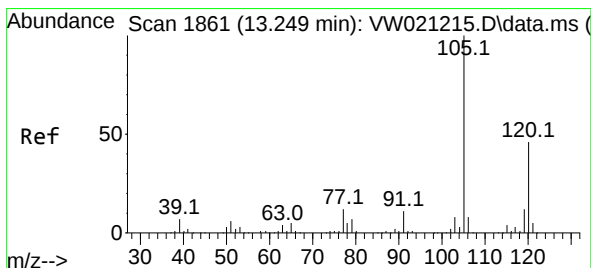
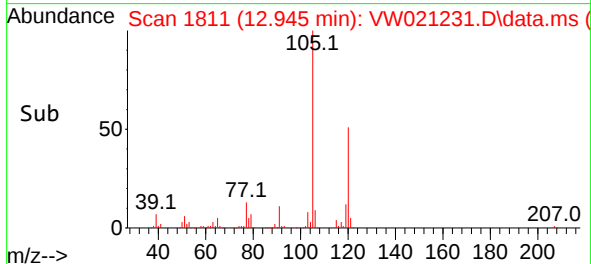
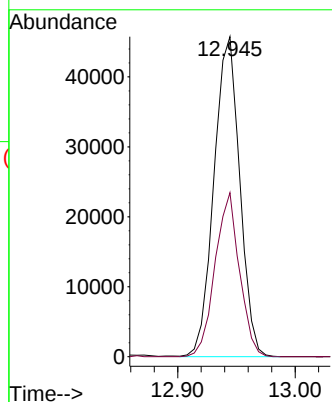
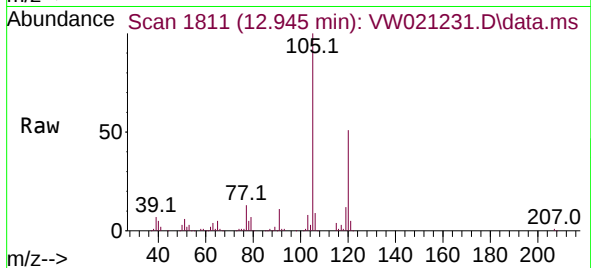
ClientSampleId :

Tgt Ion:105 Resp: 69789

Ion Ratio Lower Upper

105 100

120 48.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 20.602 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021231.D

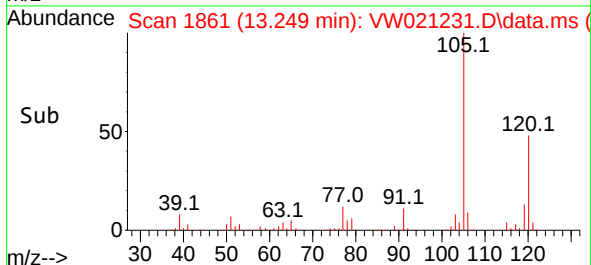
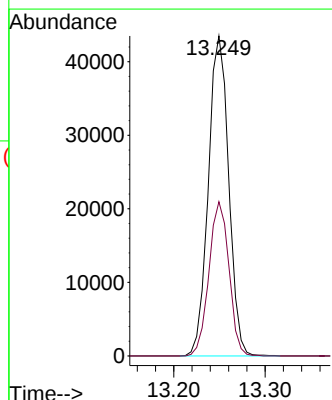
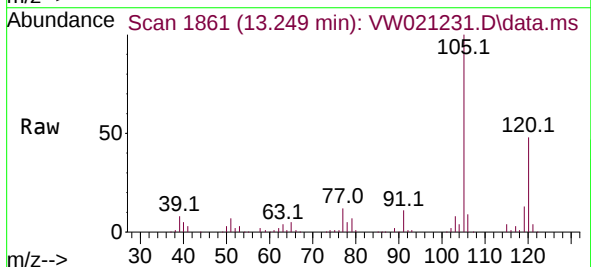
Acq: 08 Dec 2021 15:43

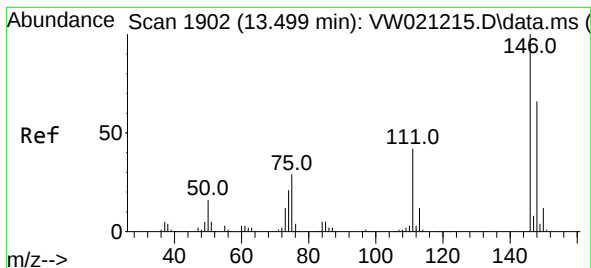
Tgt Ion:105 Resp: 67245

Ion Ratio Lower Upper

105 100

120 47.3 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 18.816 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

ClientSampleId :

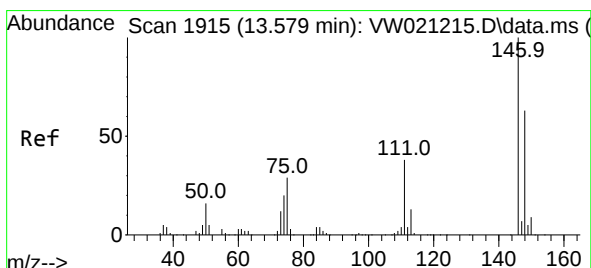
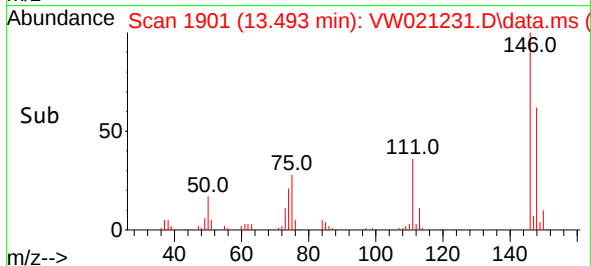
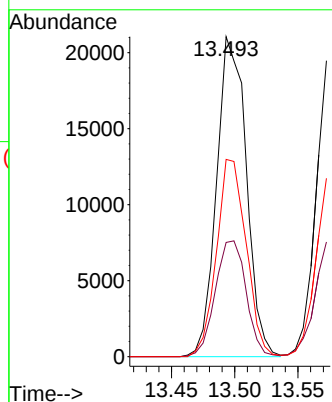
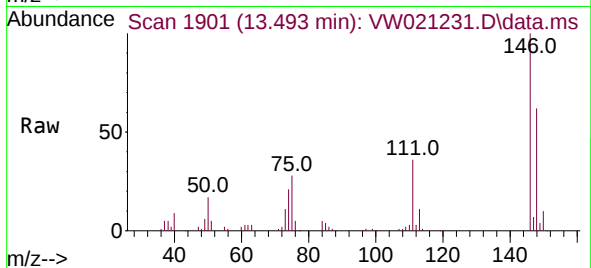
Tgt Ion:146 Resp: 34334

Ion Ratio Lower Upper

146 100

111 35.7 29.8 55.3

148 61.6 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 17.791 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

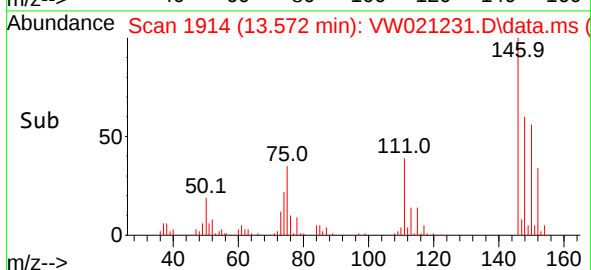
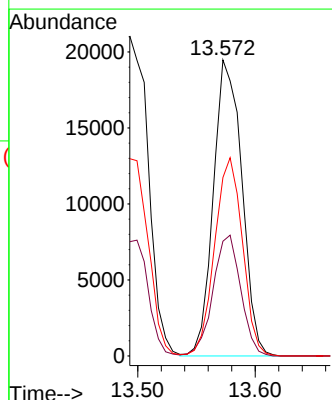
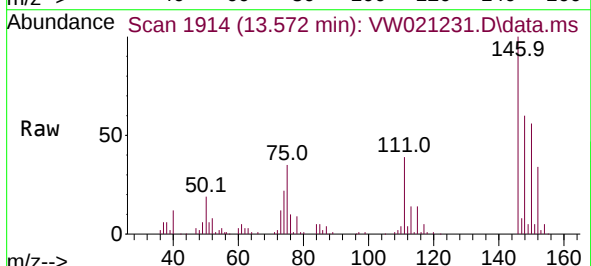
Tgt Ion:146 Resp: 32809

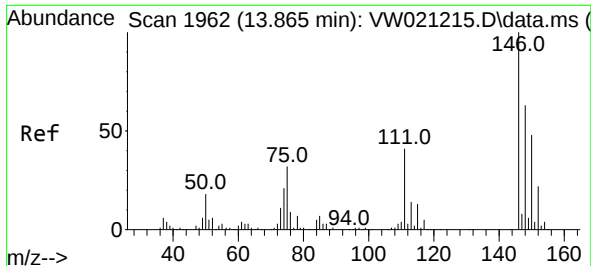
Ion Ratio Lower Upper

146 100

111 38.8 29.0 53.9

148 60.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 19.570 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

ClientSampleId :

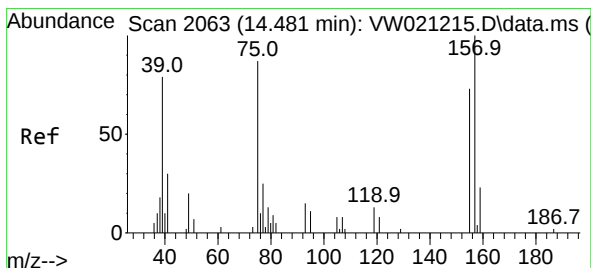
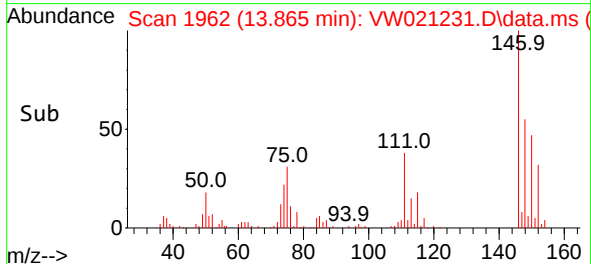
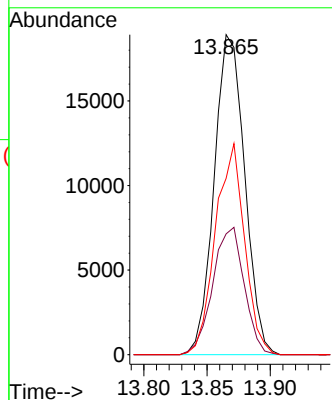
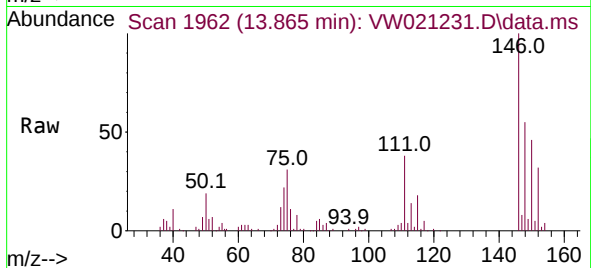
Tgt Ion:146 Resp: 31794

Ion Ratio Lower Upper

146 100

111 37.8 33.1 49.7

148 55.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 17.758 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

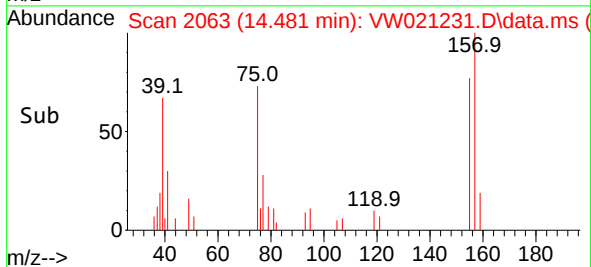
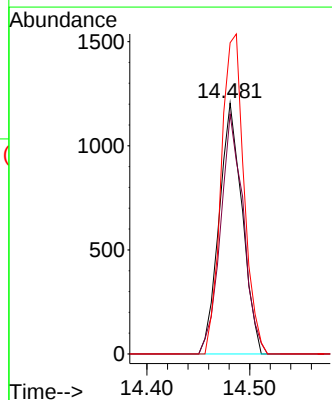
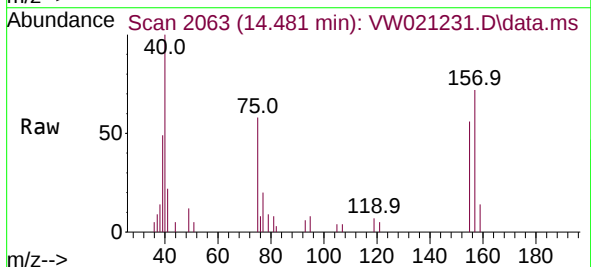
Tgt Ion: 75 Resp: 1873

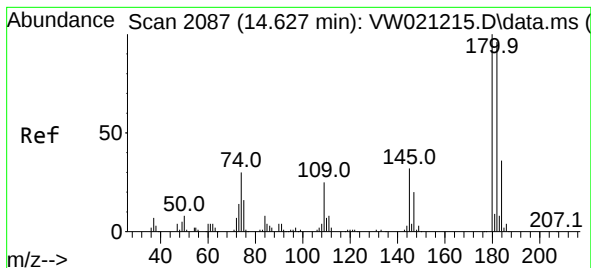
Ion Ratio Lower Upper

75 100

155 95.7 54.2 81.2#

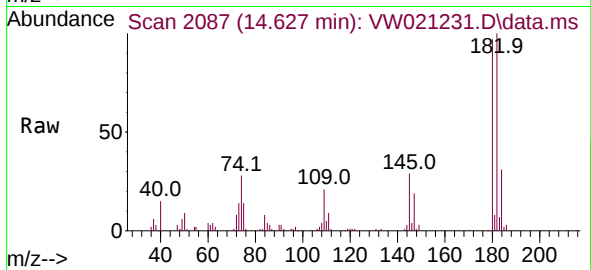
157 124.1 69.4 104.2#



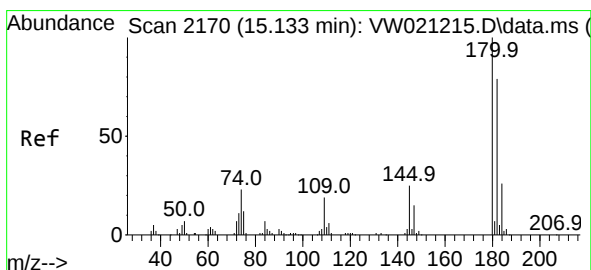
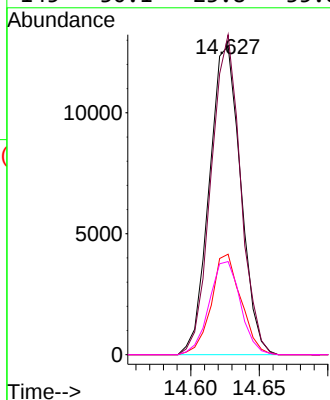
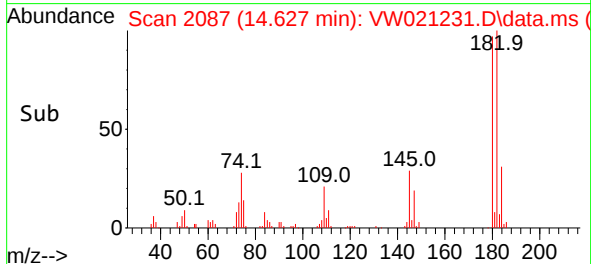


#69
 1,3,5-Trichlorobenzene
 Concen: 15.177 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021231.D
 Acq: 08 Dec 2021 15:43

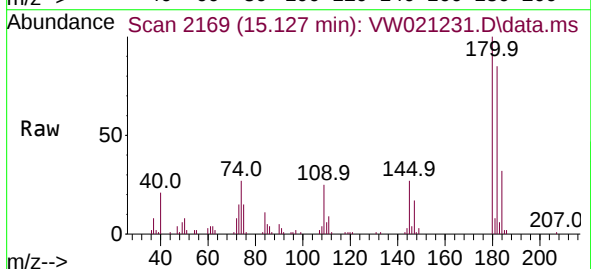
Instrument :
 MSVOA_W
 ClientSampleId :



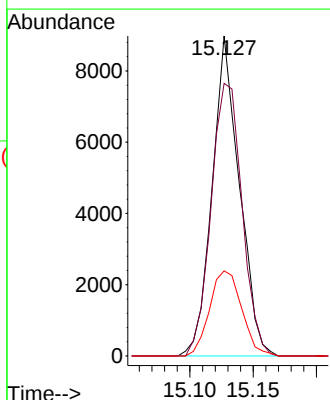
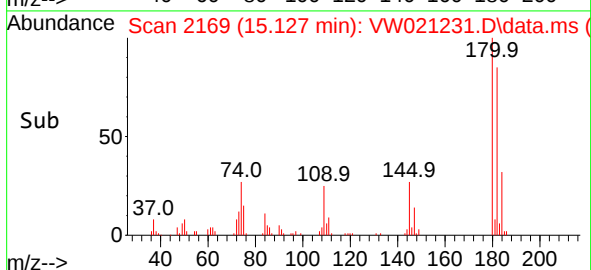
Tgt Ion:180 Resp: 20353
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.4 113.0
 184 30.8 23.8 35.8
 145 30.1 23.8 35.8

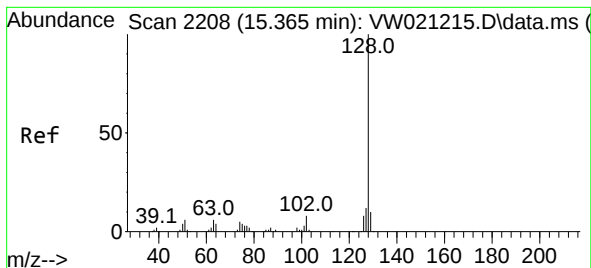


#70
 1,2,4-trichlorobenzene
 Concen: 12.222 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW021231.D
 Acq: 08 Dec 2021 15:43



Tgt Ion:180 Resp: 13468
 Ion Ratio Lower Upper
 180 100
 182 96.6 79.0 118.6
 145 31.2 26.0 39.0





#71

Naphthalene

Concen: 15.316 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW021231.D

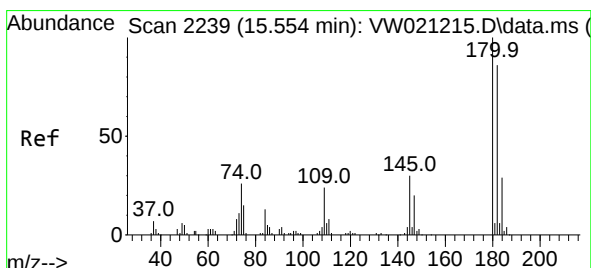
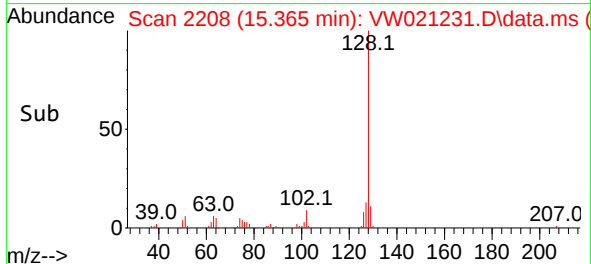
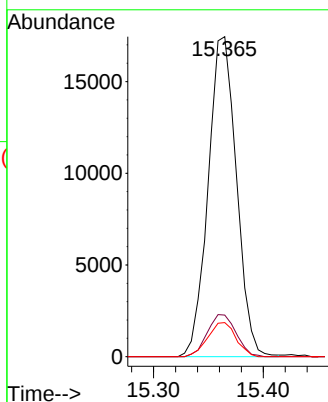
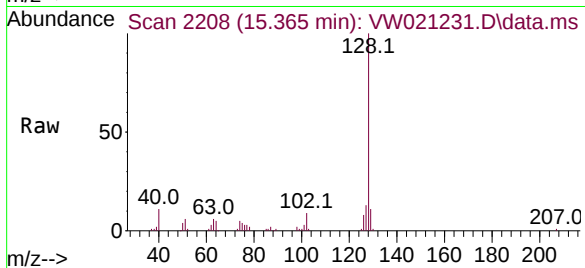
Acq: 08 Dec 2021 15:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	31375
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.7	8.6	12.8



#72

1,2,3-Trichlorobenzene

Concen: 12.955 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW021231.D

Acq: 08 Dec 2021 15:43

Tgt Ion:	180	Resp:	12459
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.6	114.8
145	31.8	27.4	41.0

