

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030922\
 Data File : VW022239.D
 Acq On : 09 Mar 2022 08:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 10 04:05:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 09 00:23:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	155337	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	142761	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81596	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	51530	25.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.720%	
7) Chloroethane-d5	2.879	69	35572	22.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 89.240%	
11) 1,1-Dichloroethene-d2	4.019	63	71790	23.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.560%	
21) 2-Butanone-d5	7.080	46	16705	49.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.080%	
24) Chloroform-d	7.647	84	91196	26.313	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.240%	
26) 1,2-Dichloroethane-d4	8.305	65	44848	24.894	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.560%	
32) Benzene-d6	8.275	84	171141	25.758	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.040%	
36) 1,2-Dichloropropane-d6	9.274	67	47185	25.573	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.280%	
41) Toluene-d8	10.323	98	169957	25.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.920%	
43) trans-1,3-Dichloroprop...	10.579	79	21053	25.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.920%	
47) 2-Hexanone-d5	10.921	63	14815	48.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 97.640%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	42863	26.470	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 105.880%	
66) 1,2-Dichlorobenzene-d4	13.853	152	66032	25.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	8857	20.402	ug/L	89
3) Chloromethane	2.209	50	35437	23.821	ug/L	97
5) Vinyl chloride	2.355	62	52864	23.651	ug/L	95
6) Bromomethane	2.770	94	32833	21.033	ug/L	94
8) Chloroethane	2.916	64	28430	22.642	ug/L	97
9) Trichlorofluoromethane	3.257	101	34425	22.685	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	45540	24.597	ug/L	98
12) 1,1-Dichloroethene	4.038	96	38188	23.799	ug/L	95
13) Acetone	4.129	43	15474	55.616	ug/L	99
14) Carbon disulfide	4.385	76	76310	18.343	ug/L	97
16) Methylene chloride	4.909	84	43644	22.890	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	41418	23.500	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	61489	25.643	ug/L	97
19) 1,1-Dichloroethane	6.214	63	75409	26.429	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	49458	25.905	ug/L	98
22) 2-Butanone	7.177	43	21619	54.091	ug/L	98
23) Bromochloromethane	7.513	128	23404	25.094	ug/L	97
25) Chloroform	7.677	83	89381	26.847	ug/L	99
27) 1,2-Dichloroethane	8.397	62	53198	25.943	ug/L	100

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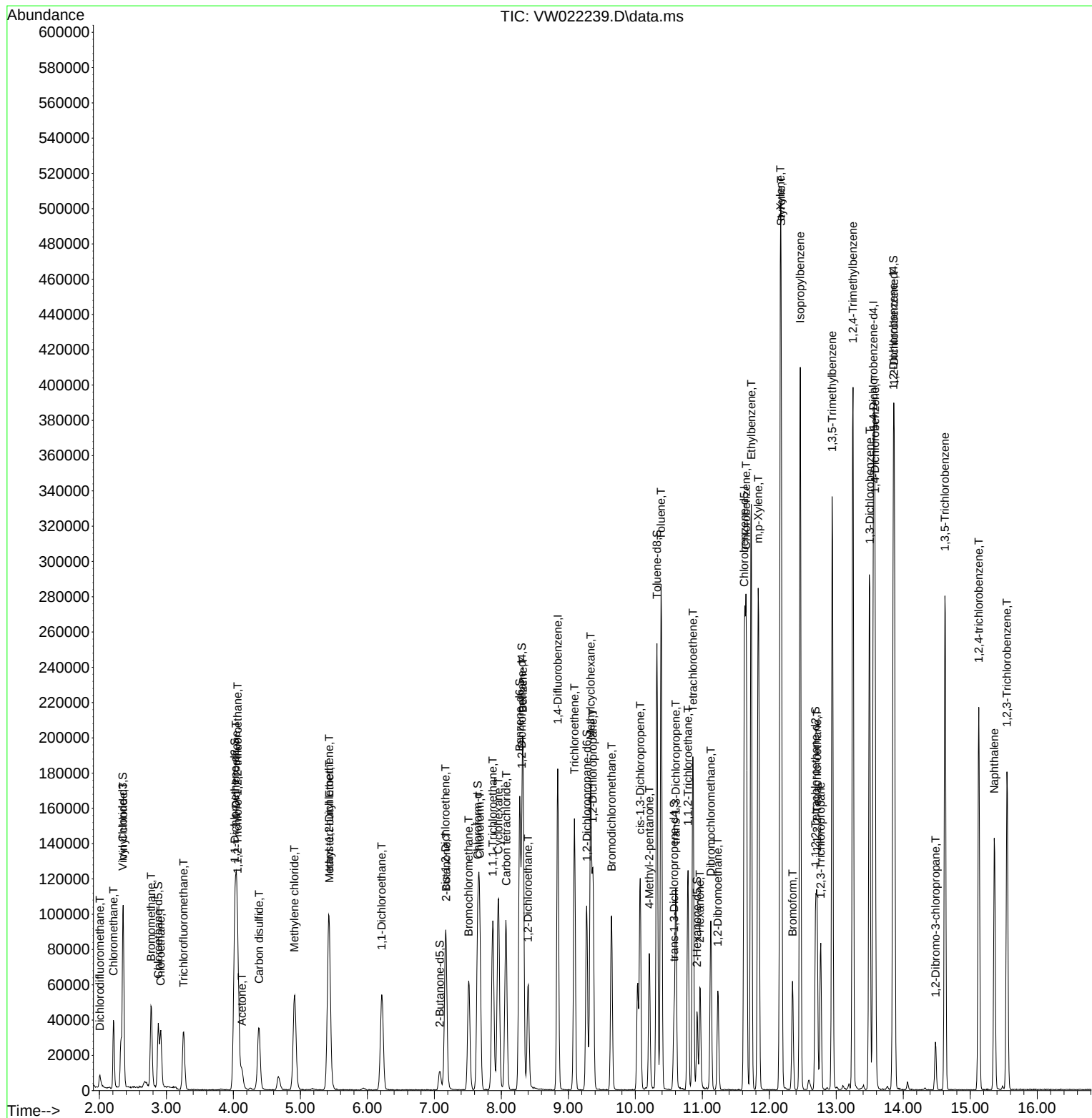
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	55924	23.539	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	76489	26.631	ug/L	99
31) Carbon tetrachloride	8.073	117	72580	26.589	ug/L	99
33) Benzene	8.323	78	178441	25.853	ug/L	100
34) Trichloroethene	9.092	95	50070	25.336	ug/L	93
35) Methylcyclohexane	9.335	83	73545	24.060	ug/L	99
37) 1,2-Dichloropropane	9.366	63	43370	26.934	ug/L	98
38) Bromodichloromethane	9.646	83	63898	27.672	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	69576	28.426	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	46516	53.493	ug/L	99
42) Toluene	10.384	91	207745	26.593	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	61725	28.063	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	38008	26.619	ug/L	91
46) Tetrachloroethene	10.860	164	43152	24.926	ug/L	86
48) 2-Hexanone	10.963	43	34317	56.860	ug/L	96
49) Dibromochloromethane	11.128	129	48526	27.979	ug/L	93
50) 1,2-Dibromoethane	11.231	107	36532	26.526	ug/L	92
51) Chlorobenzene	11.652	112	144629	26.602	ug/L	98
52) Ethylbenzene	11.731	91	237271	27.444	ug/L	99
53) m,p-Xylene	11.835	106	97373	27.371	ug/L	97
54) o-Xylene	12.164	106	93030	27.792	ug/L	90
55) Styrene	12.176	104	161739	28.823	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	46116	27.836	ug/L	93
59) Bromoform	12.347	173	27482	25.469	ug/L	98
60) Isopropylbenzene	12.463	105	260874	26.633	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	31634	24.564	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	179363	27.538	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	217979	27.384	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	128851	26.518	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	128620	26.415	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	115614	26.762	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6395	23.490	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.621	180	85745	24.586	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	68850	26.092	ug/L	97
71) Naphthalene	15.359	128	122860	26.374	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	58714	25.724	ug/L	98

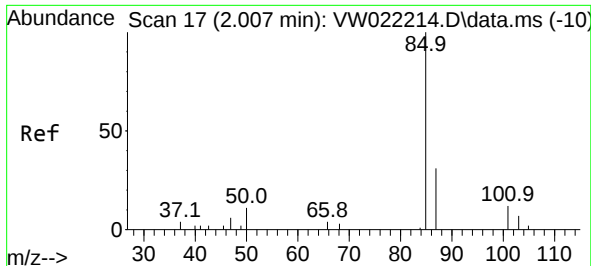
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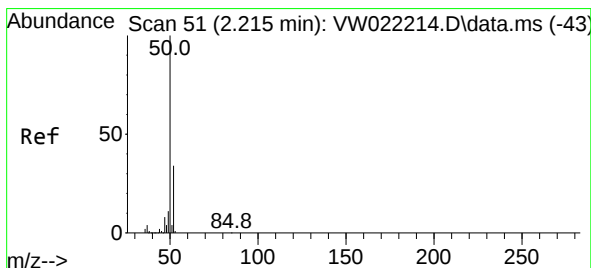
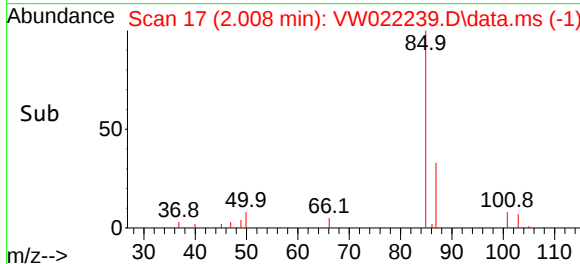
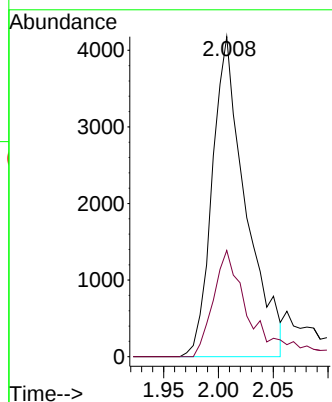
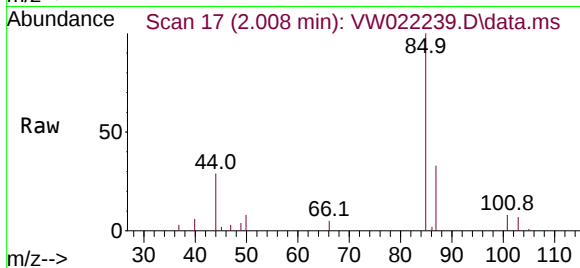




#2
Dichlorodifluoromethane
Concen: 20.402 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

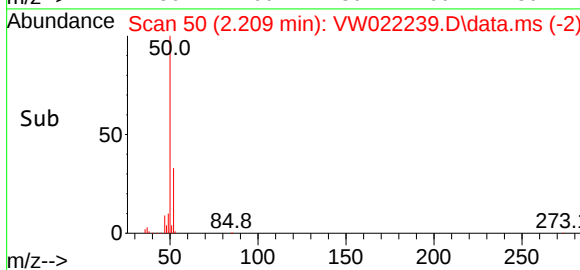
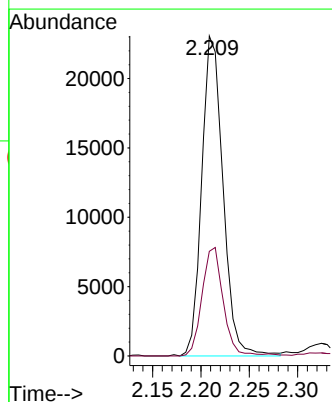
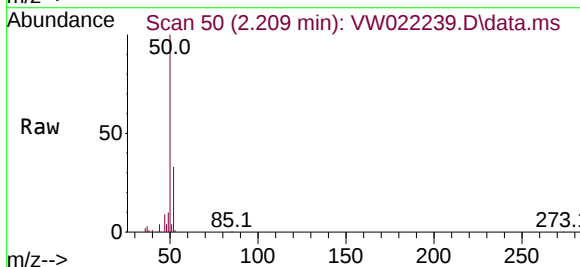
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MSVOA_W
ClientSampleId :

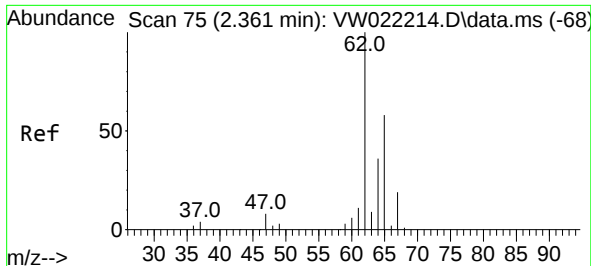
Tgt Ion: 85 Resp: 8857
Ion Ratio Lower Upper
85 100
87 28.0 27.6 41.4



#3
Chloromethane
Concen: 23.821 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 50 Resp: 35437
Ion Ratio Lower Upper
50 100
52 32.7 23.9 44.5

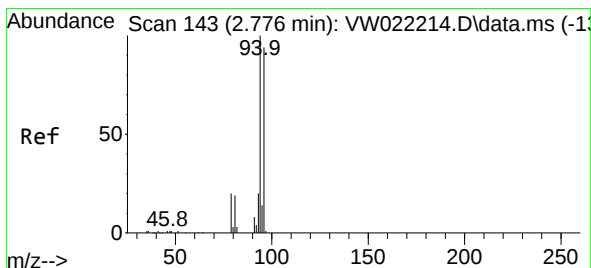
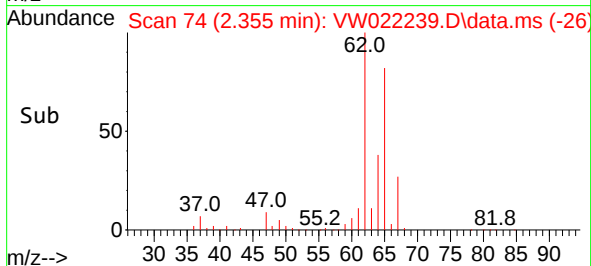
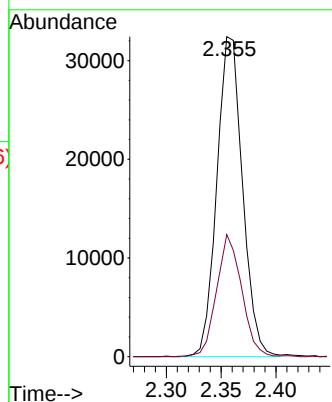
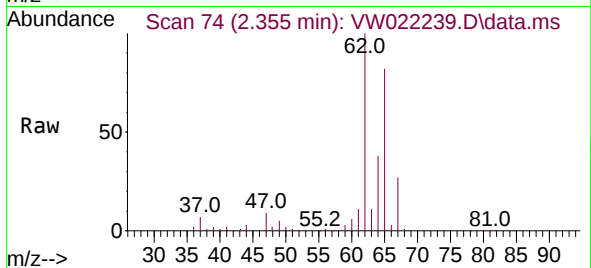




#5
 Vinyl chloride
 Concen: 23.651 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022239.D
 Acq: 09 Mar 2022 08:54

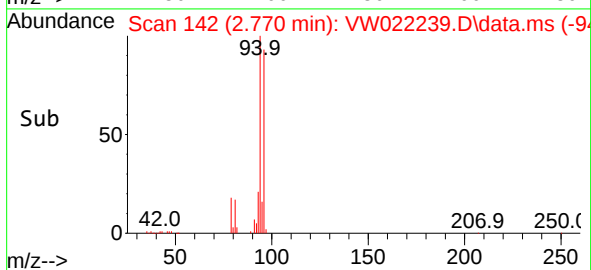
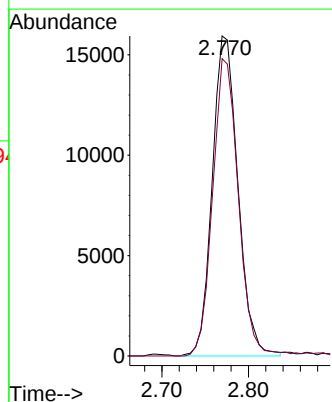
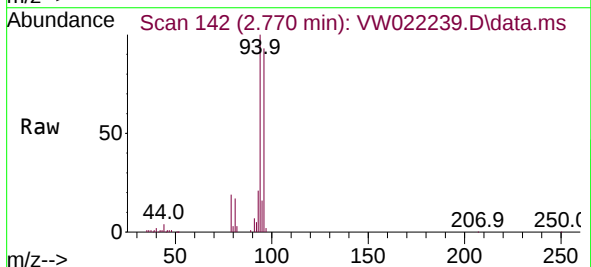
Instrument :
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 ClientSampleId :

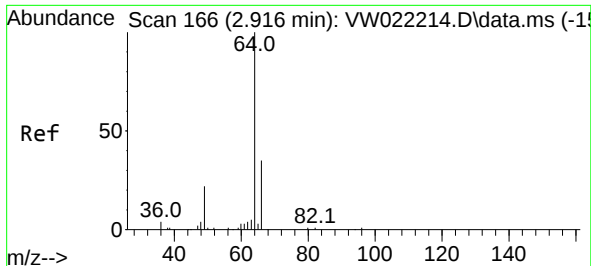
Tgt Ion: 62 Resp: 52864
 Ion Ratio Lower Upper
 62 100
 64 38.2 24.7 45.9



#6
 Bromomethane
 Concen: 21.033 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW022239.D
 Acq: 09 Mar 2022 08:54

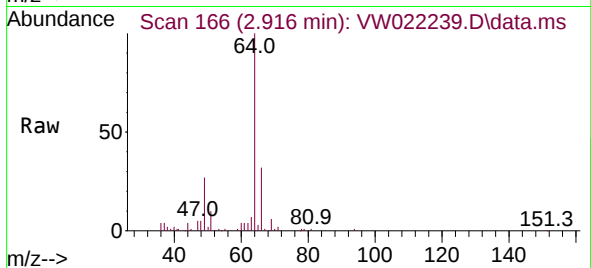
Tgt Ion: 94 Resp: 32833
 Ion Ratio Lower Upper
 94 100
 96 92.9 61.2 113.8



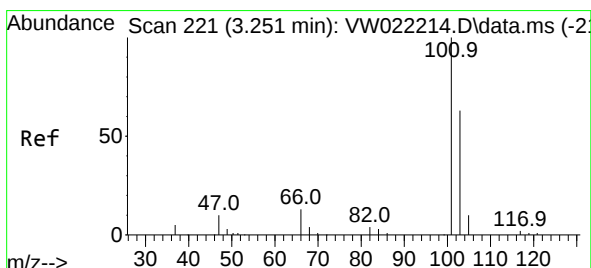
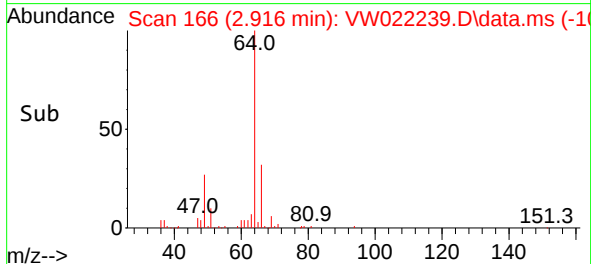
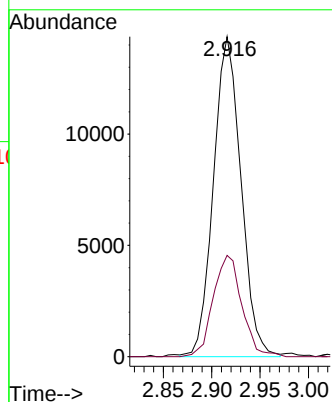


#8
Chloroethane
Concen: 22.642 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Instrument :
MSVOA_W
ClientSampleId :

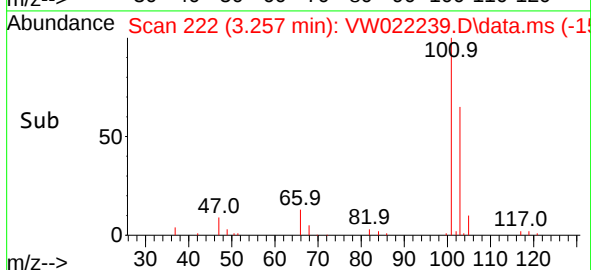
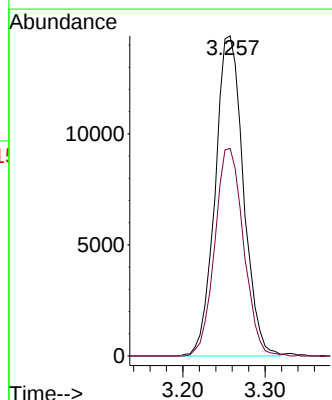
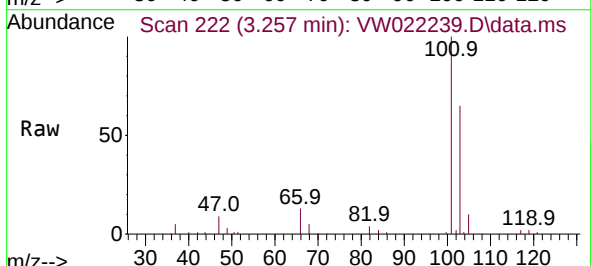


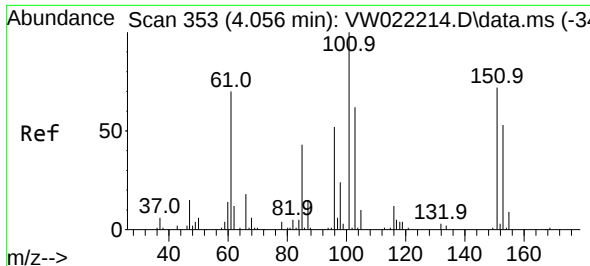
Tgt Ion: 64 Resp: 28430
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.685 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 101 Resp: 34425
Ion Ratio Lower Upper
101 100
103 65.9 53.2 79.8

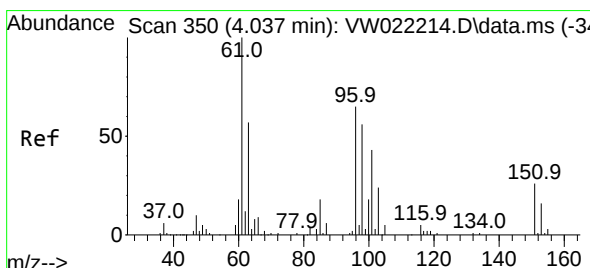
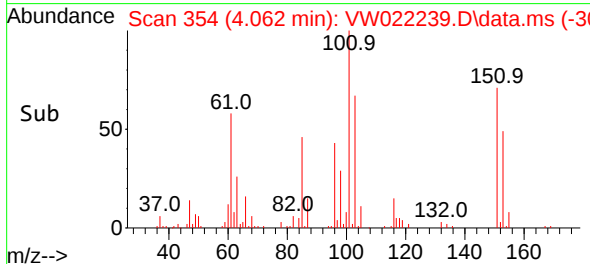
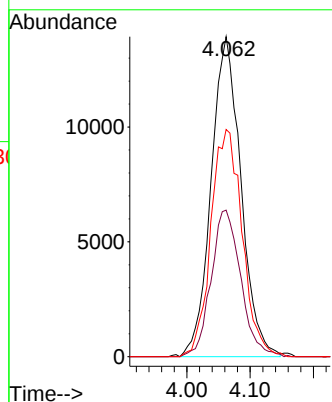
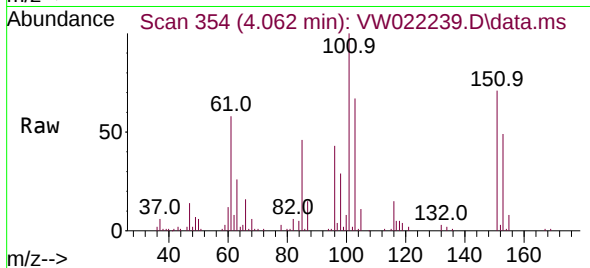




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.597 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022239.D
 Acq: 09 Mar 2022 08:54

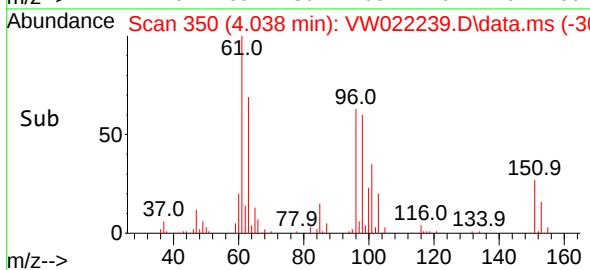
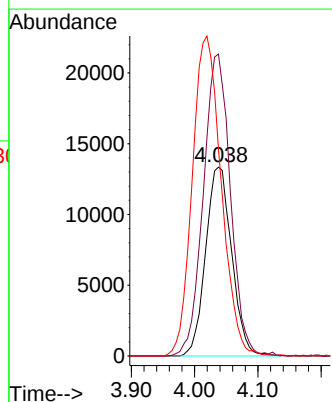
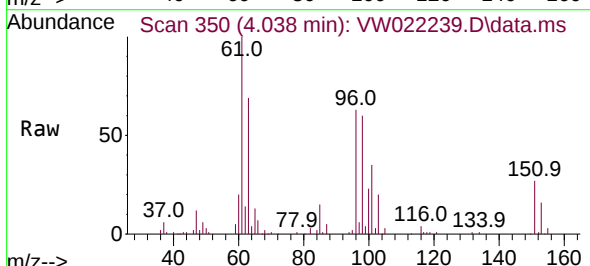
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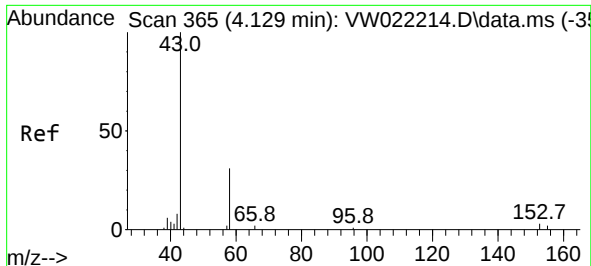
Tgt Ion:101 Resp: 45540
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.4 51.6
 151 74.6 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 23.799 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022239.D
 Acq: 09 Mar 2022 08:54

Tgt Ion: 96 Resp: 38188
 Ion Ratio Lower Upper
 96 100
 61 160.0 108.4 201.2
 63 109.8 72.0 133.6





#13

Acetone

Concen: 55.616 ug/L

RT: 4.129 min Scan# 365

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

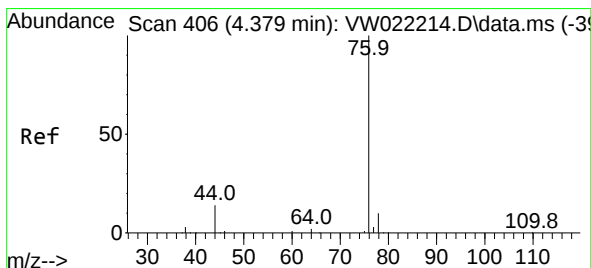
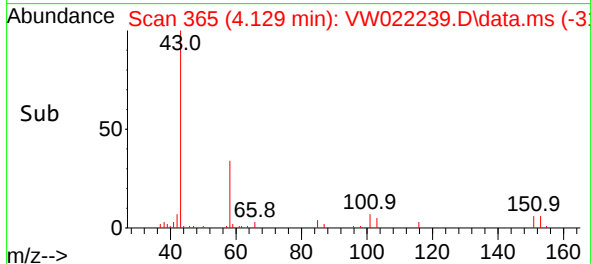
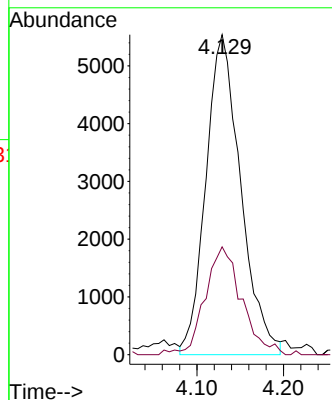
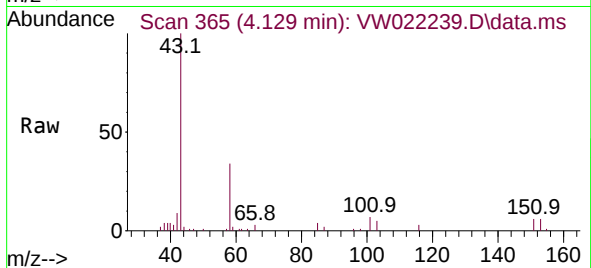
ClientSampleId :

Tgt Ion: 43 Resp: 15474

Ion Ratio Lower Upper

43 100

58 34.1 0.0 69.2



#14

Carbon disulfide

Concen: 18.343 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW022239.D

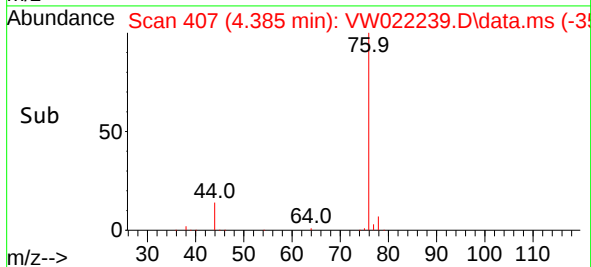
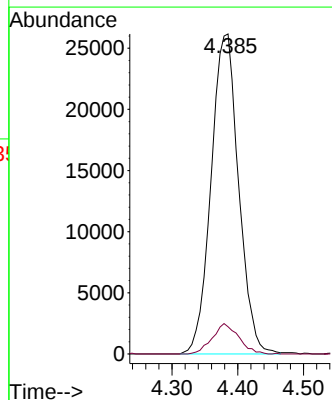
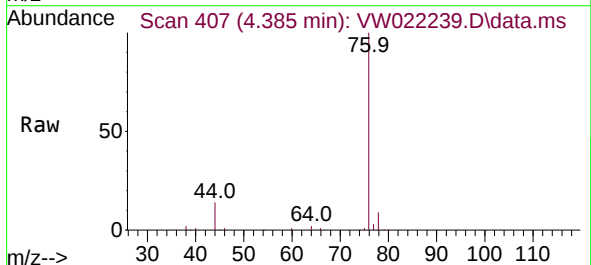
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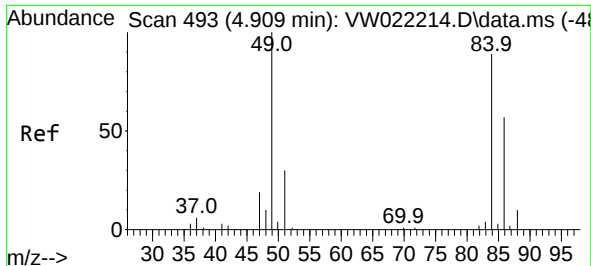
Tgt Ion: 76 Resp: 76310

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.8

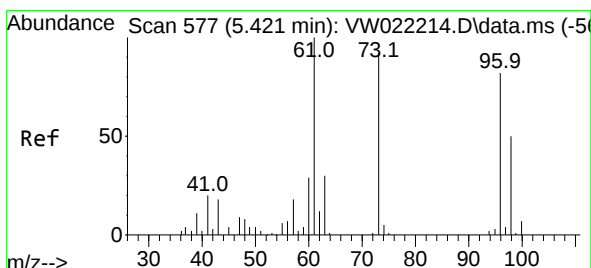
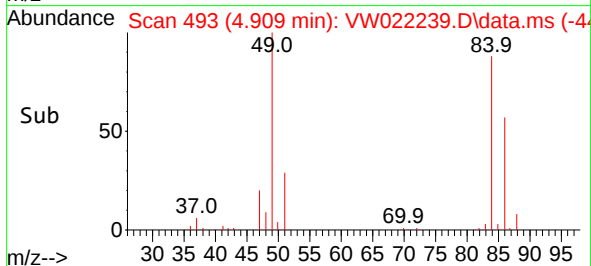
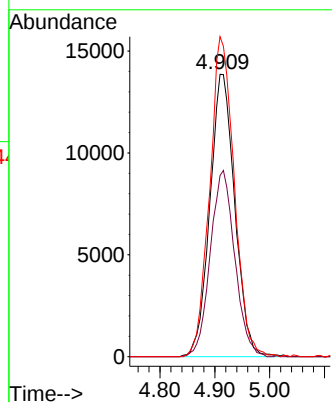
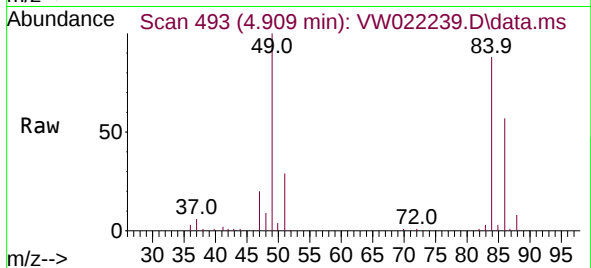




#16
Methylene chloride
Concen: 22.890 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

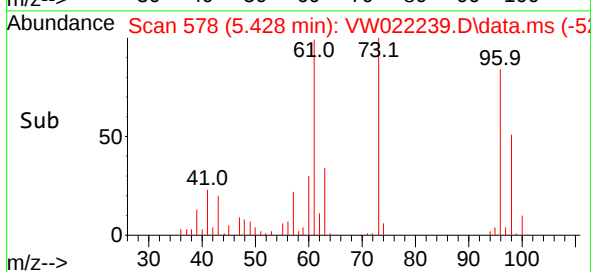
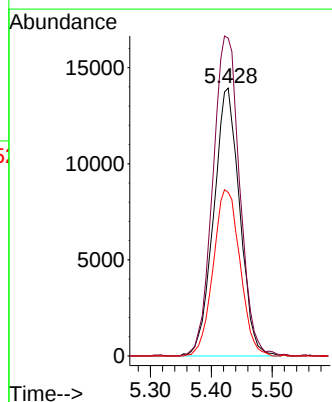
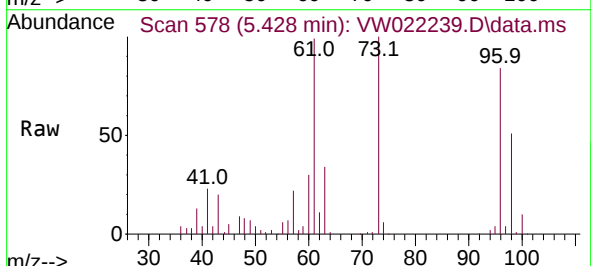
Instrument :
MSVOA_W
ClientSampleId :

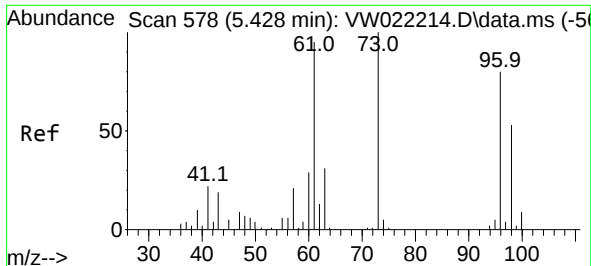
Tgt Ion: 84 Resp: 43644
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.0
49 113.3 73.8 137.0



#17
trans-1,2-Dichloroethene
Concen: 23.500 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 96 Resp: 41418
Ion Ratio Lower Upper
96 100
61 118.6 87.3 162.1
98 61.0 43.2 80.2

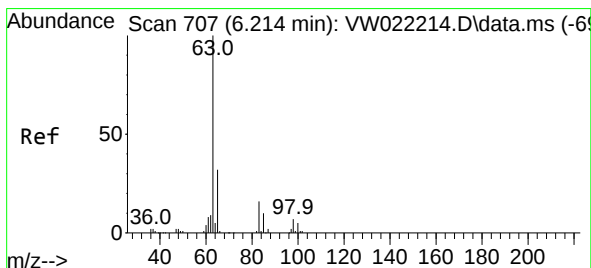
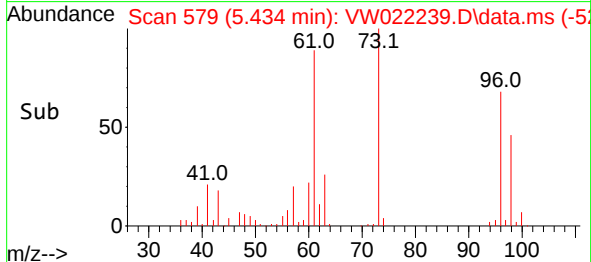
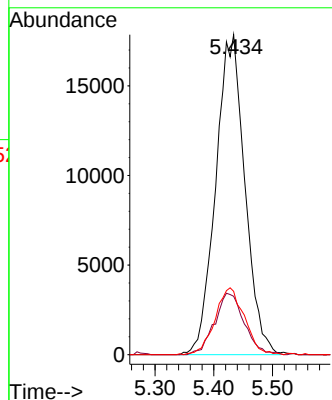
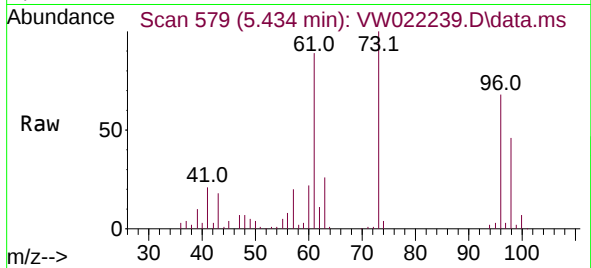




#18
Methyl tert-butyl Ether
Concen: 25.643 ug/L
RT: 5.434 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

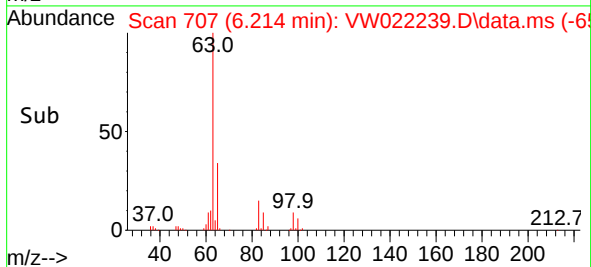
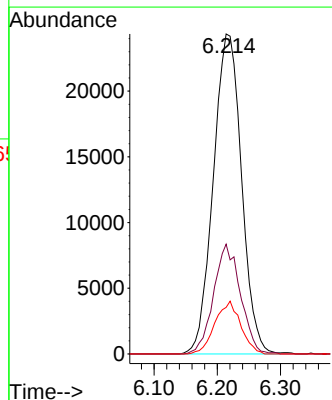
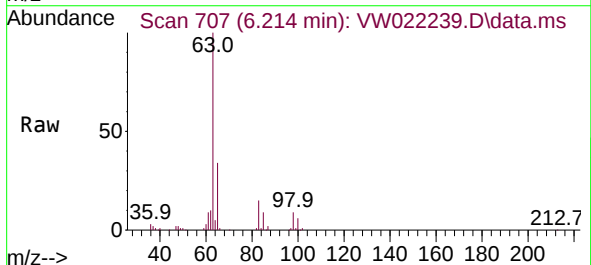
Instrument :
MSVOA_W
ClientSampleId :

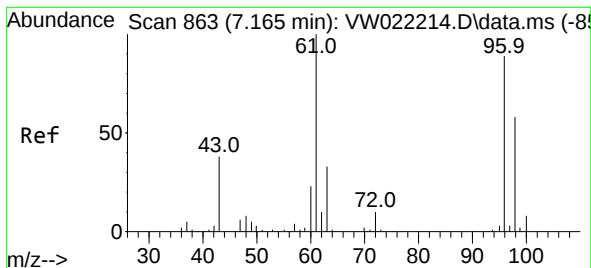
Tgt Ion: 73 Resp: 61489
Ion Ratio Lower Upper
73 100
43 17.3 15.4 23.2
57 20.9 16.5 24.7



#19
1,1-Dichloroethane
Concen: 26.429 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 63 Resp: 75409
Ion Ratio Lower Upper
63 100
65 34.3 22.5 41.9
83 14.6 11.5 21.5





#20

cis-1,2-Dichloroethene

Concen: 25.905 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

ClientSampleId :

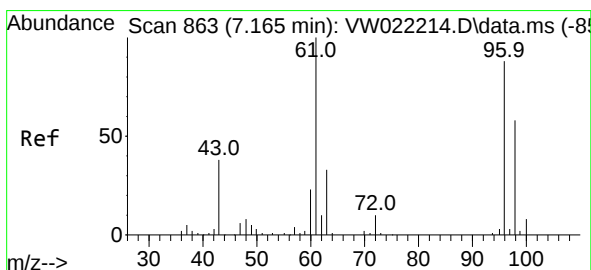
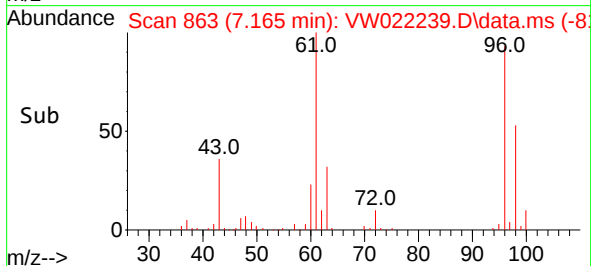
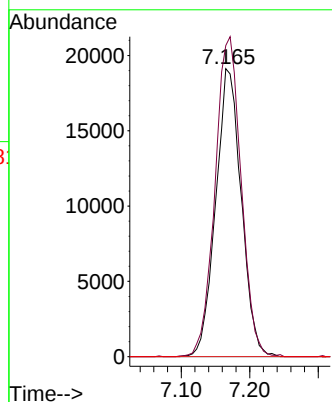
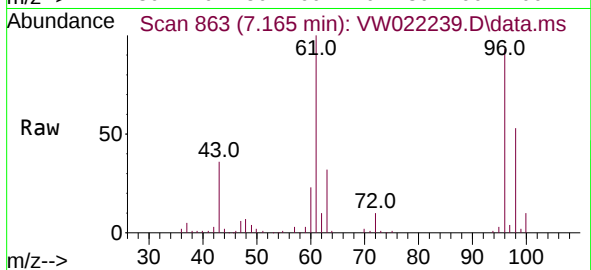
Tgt Ion: 96 Resp: 49458

Ion Ratio Lower Upper

96 100

61 108.0 76.8 142.6

68 0.0 0.0 0.0



#22

2-Butanone

Concen: 54.091 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.012 min

Lab File: VW022239.D

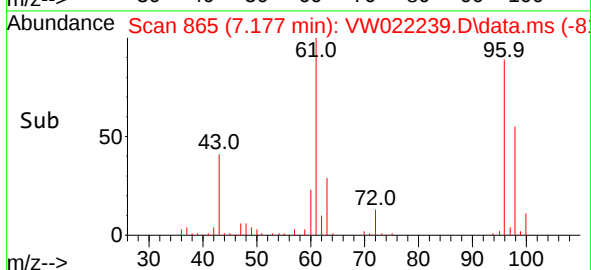
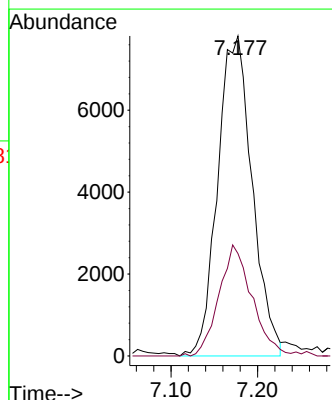
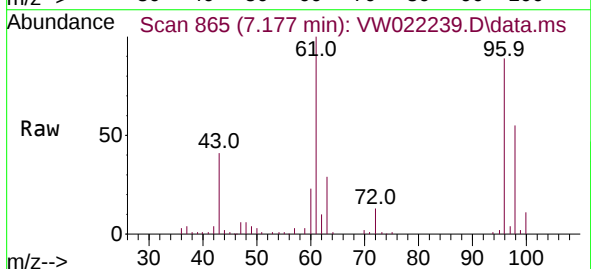
Acq: 09 Mar 2022 08:54

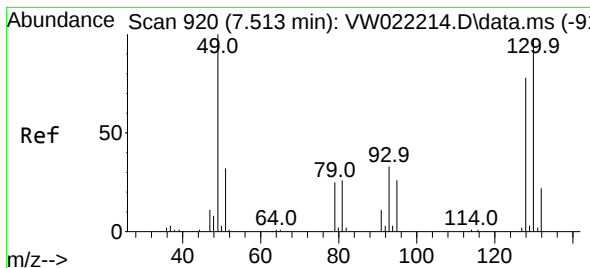
Tgt Ion: 43 Resp: 21619

Ion Ratio Lower Upper

43 100

72 33.1 17.0 51.0





#23

Bromochloromethane

Concen: 25.094 ug/L

RT: 7.513 min Scan# 91

Delta R.T. 0.000 min

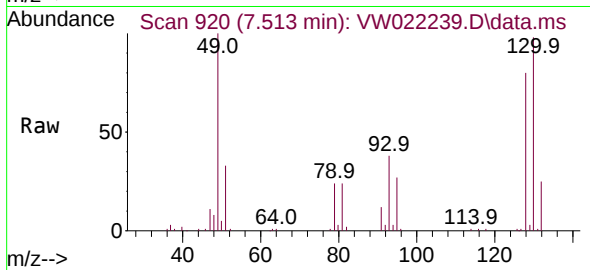
Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 23404

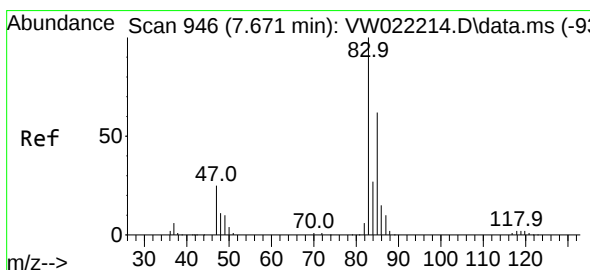
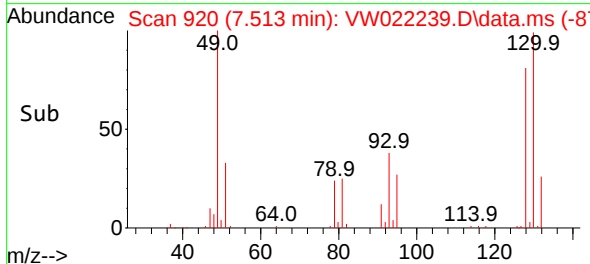
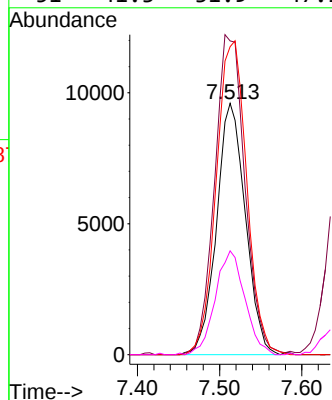
Ion Ratio Lower Upper

128 100

49 124.9 84.2 156.4

130 122.6 84.8 157.4

51 41.3 31.9 47.9



#25

Chloroform

Concen: 26.847 ug/L

RT: 7.677 min Scan# 947

Delta R.T. 0.006 min

Lab File: VW022239.D

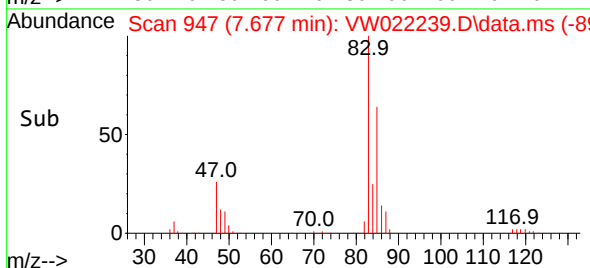
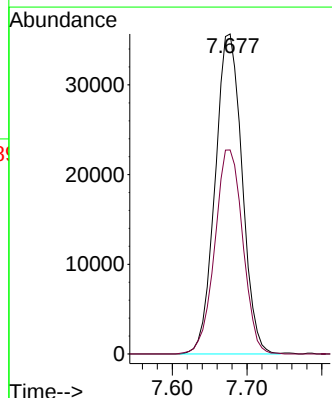
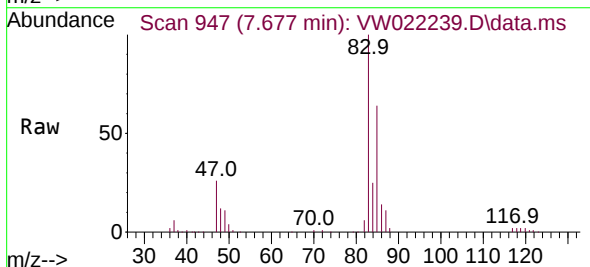
Acq: 09 Mar 2022 08:54

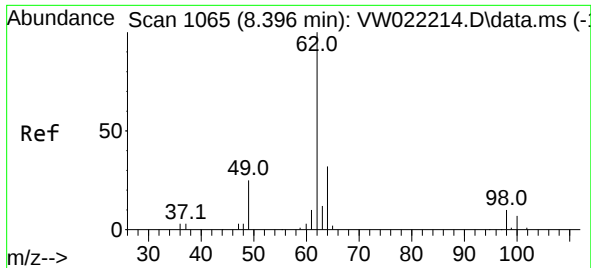
Tgt Ion: 83 Resp: 89381

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9





#27

1,2-Dichloroethane

Concen: 25.943 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

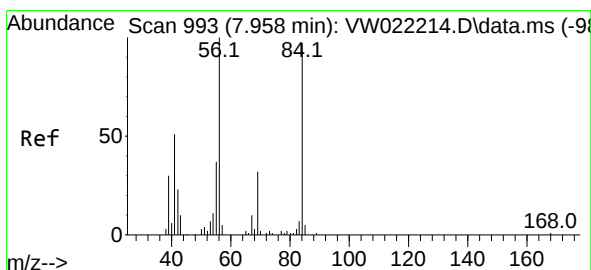
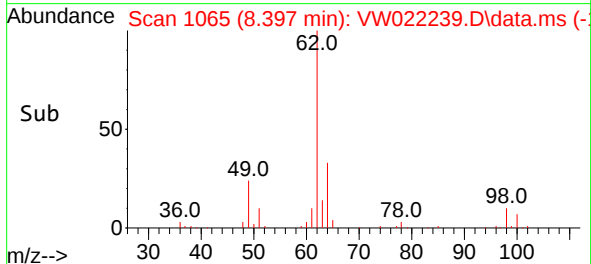
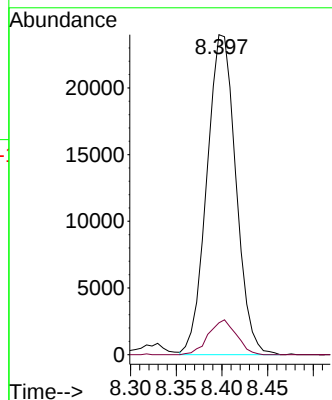
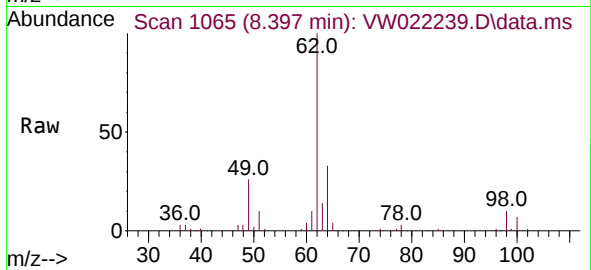
ClientSampleId :

Tgt Ion: 62 Resp: 53198

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9



#29

Cyclohexane

Concen: 23.539 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

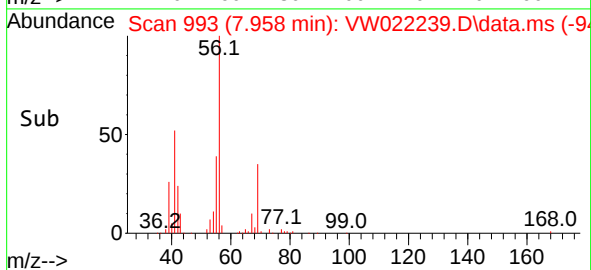
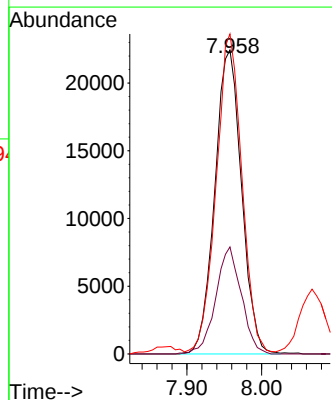
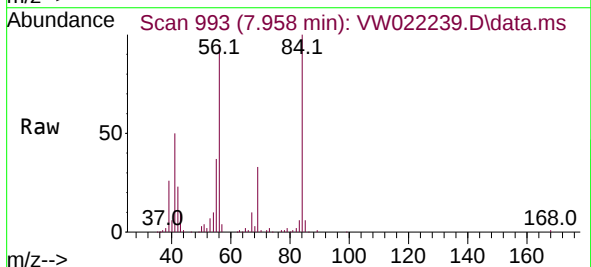
Tgt Ion: 56 Resp: 55924

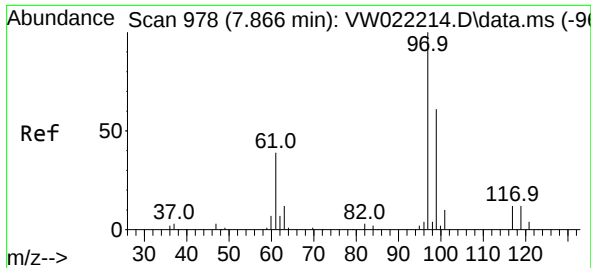
Ion Ratio Lower Upper

56 100

69 33.6 26.3 39.5

84 101.8 81.4 122.2

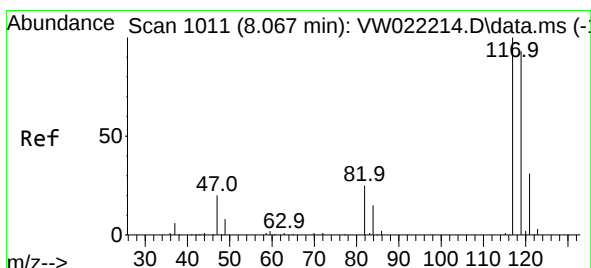
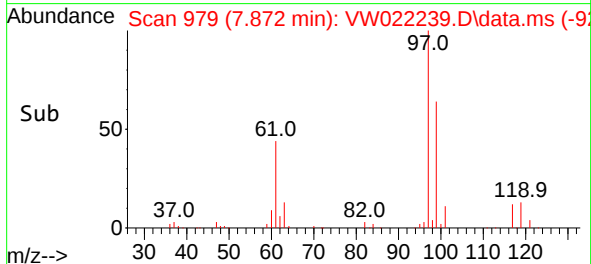
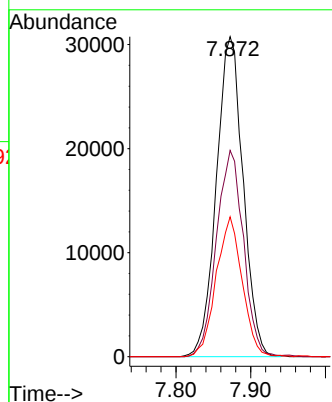
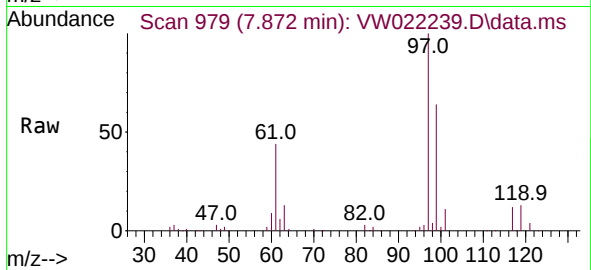




#30
1,1,1-Trichloroethane
Concen: 26.631 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

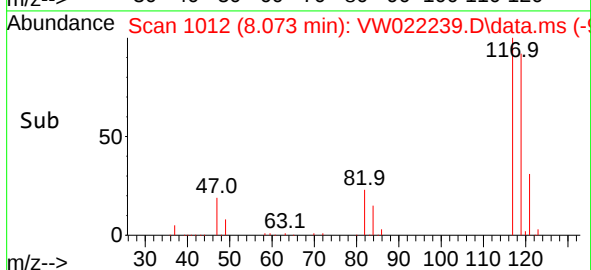
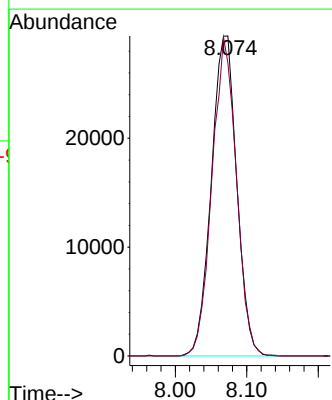
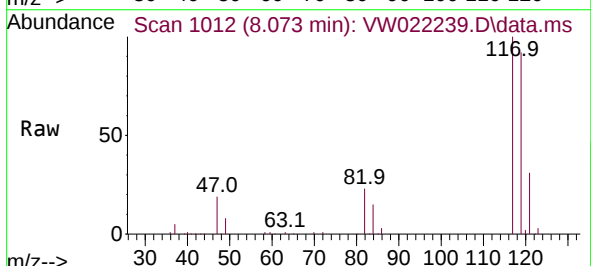
Instrument :
MSVOA_W
ClientSampleId :

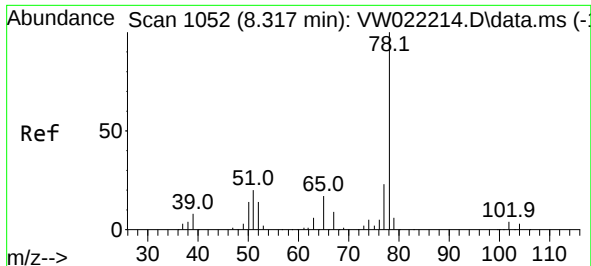
Tgt Ion: 97 Resp: 76489
Ion Ratio Lower Upper
97 100
99 64.9 52.6 78.8
61 42.5 33.0 49.6



#31
Carbon tetrachloride
Concen: 26.589 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 117 Resp: 72580
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1

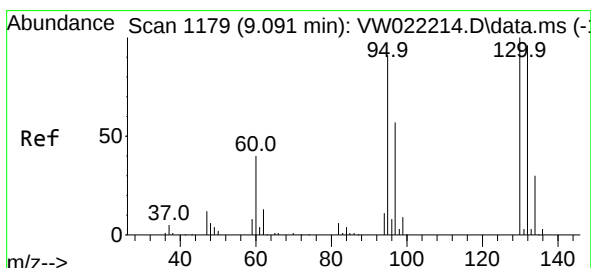
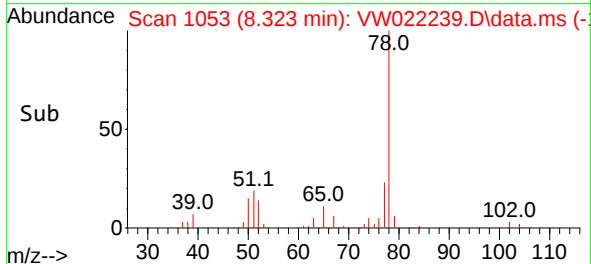
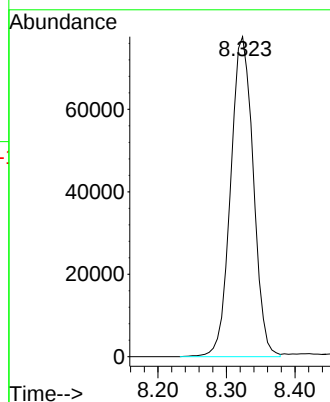
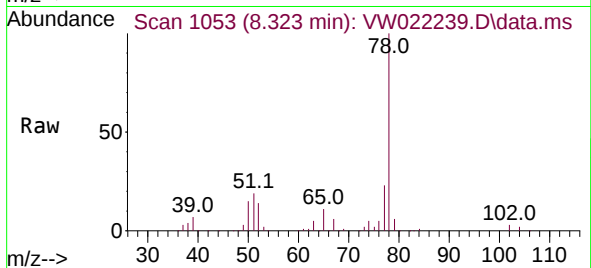




#33
Benzene
Concen: 25.853 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Instrument :
MSVOA_W
ClientSampleId :

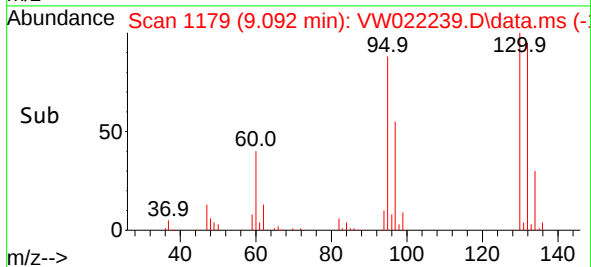
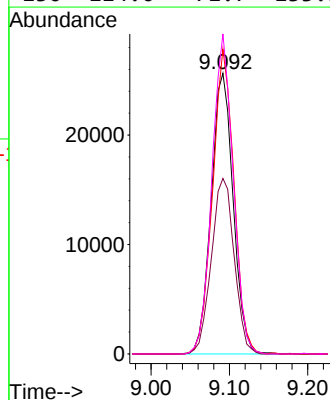
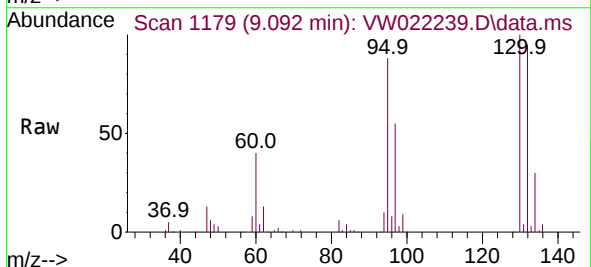
Tgt Ion: 78 Resp: 178441

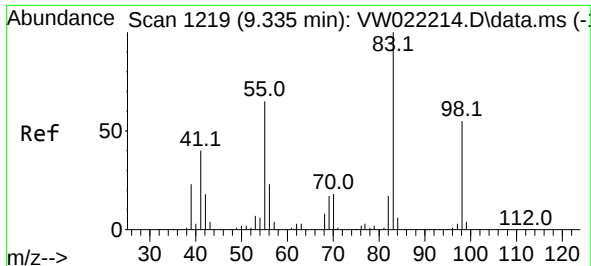


#34
Trichloroethene
Concen: 25.336 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 95 Resp: 50070

Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.4	82.4
132	108.6	71.7	133.1
130	114.0	71.7	133.1





#35

Methylcyclohexane

Concen: 24.060 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

ClientSampleId :

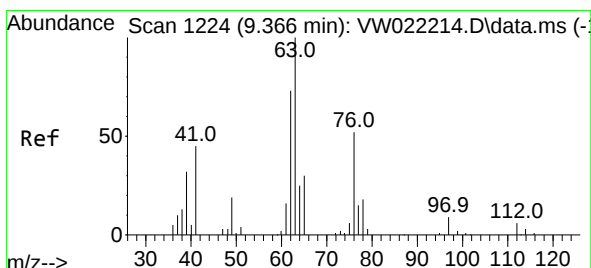
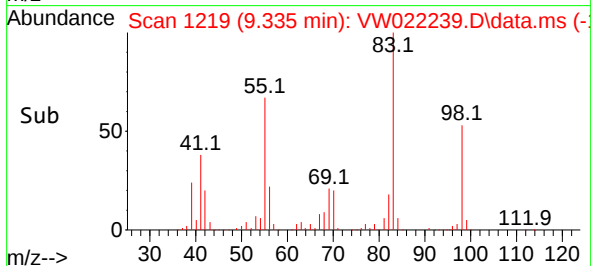
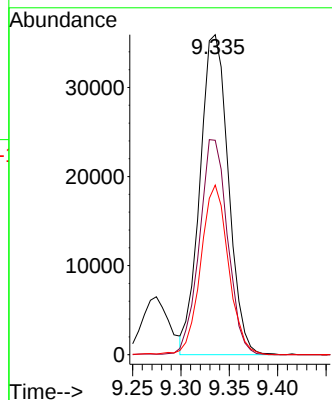
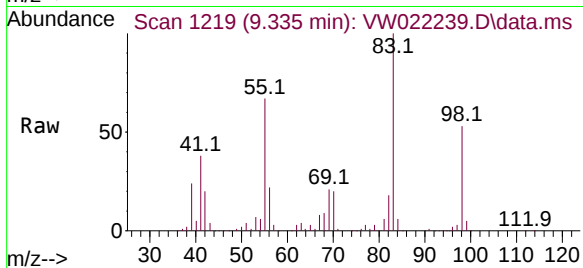
Tgt Ion: 83 Resp: 73545

Ion Ratio Lower Upper

83 100

55 66.6 53.8 80.8

98 51.3 42.1 63.1



#37

1,2-Dichloropropane

Concen: 26.934 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW022239.D

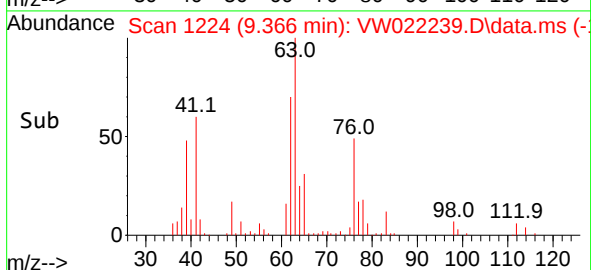
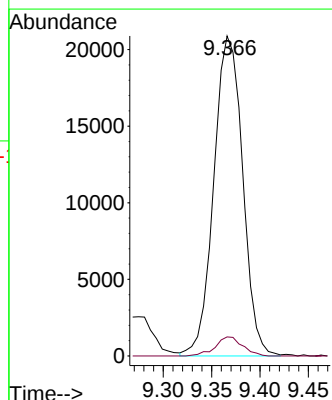
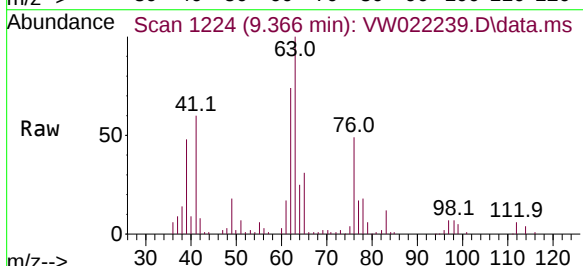
Acq: 09 Mar 2022 08:54

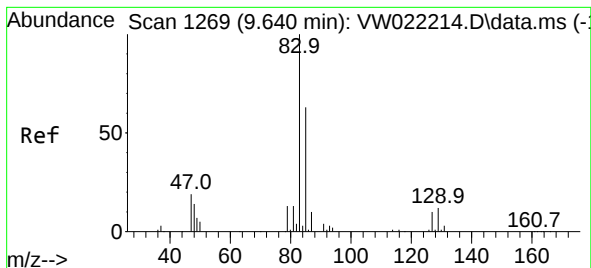
Tgt Ion: 63 Resp: 43370

Ion Ratio Lower Upper

63 100

112 5.7 4.1 6.1





#38

Bromodichloromethane

Concen: 27.672 ug/L

RT: 9.646 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

ClientSampleId :

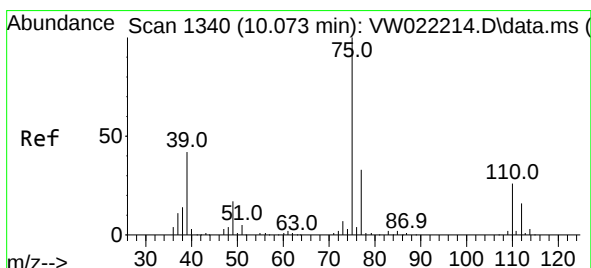
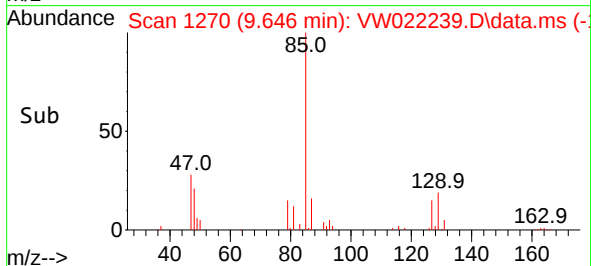
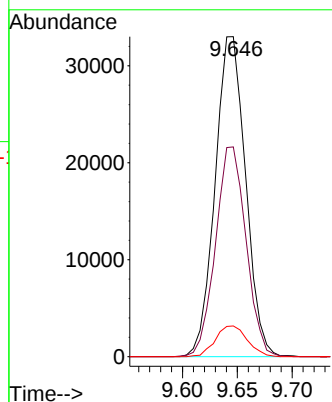
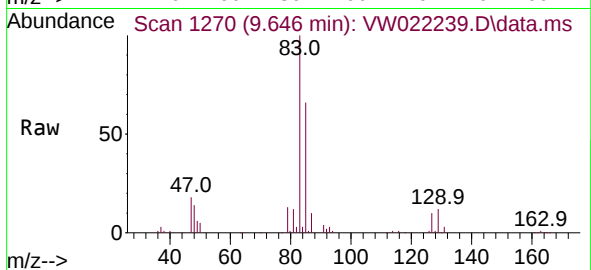
Tgt Ion: 83 Resp: 63898

Ion Ratio Lower Upper

83 100

85 65.5 47.9 89.1

127 9.6 7.5 11.3



#39

cis-1,3-Dichloropropene

Concen: 28.426 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022239.D

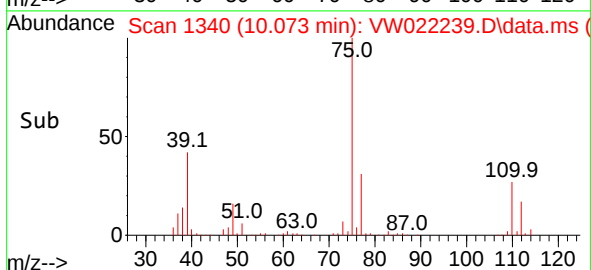
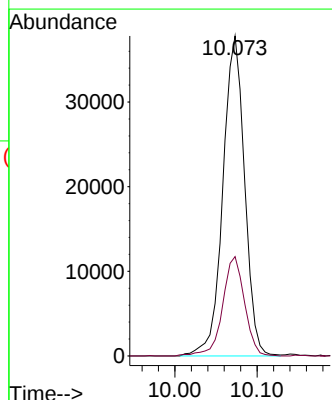
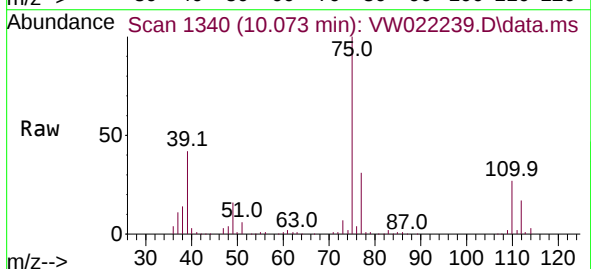
Acq: 09 Mar 2022 08:54

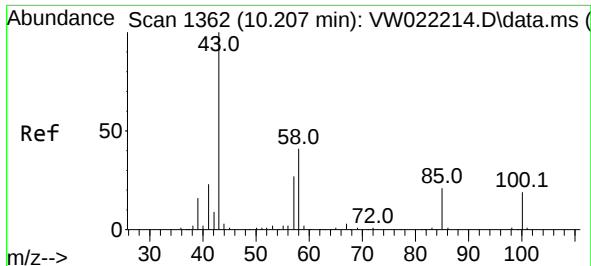
Tgt Ion: 75 Resp: 69576

Ion Ratio Lower Upper

75 100

77 31.1 20.6 38.2





#40

4-Methyl-2-pentanone

Concen: 53.493 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

ClientSampleId :

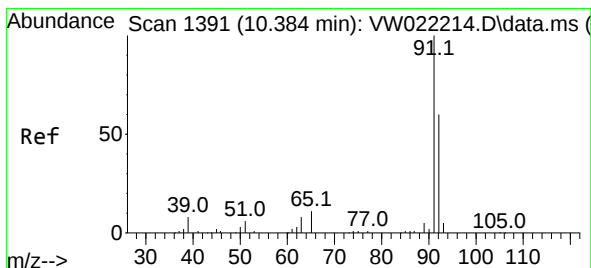
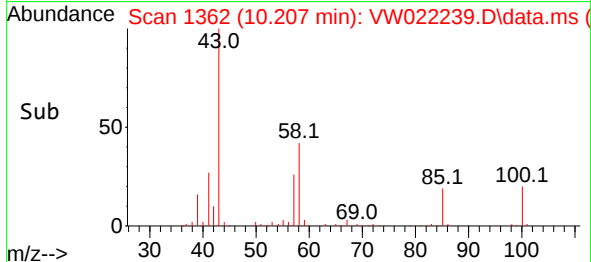
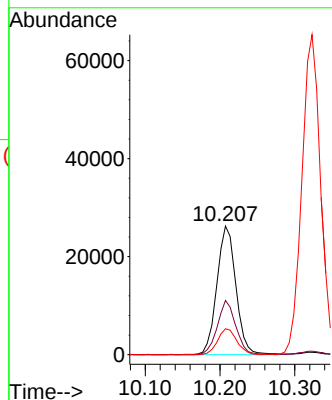
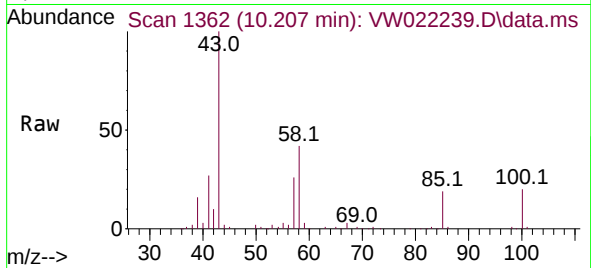
Tgt Ion: 43 Resp: 46516

Ion Ratio Lower Upper

43 100

58 40.8 33.2 49.8

100 20.3 16.1 24.1



#42

Toluene

Concen: 26.593 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW022239.D

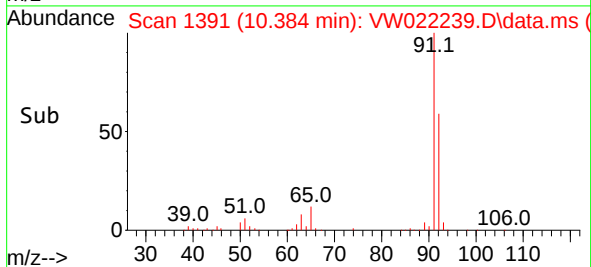
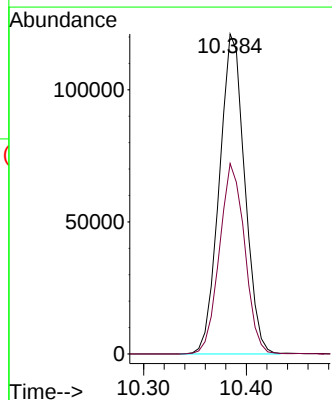
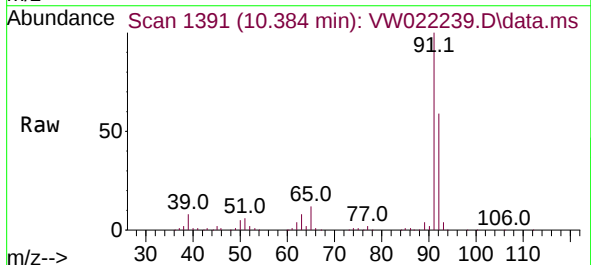
Acq: 09 Mar 2022 08:54

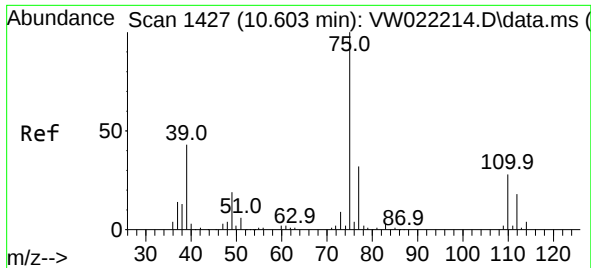
Tgt Ion: 91 Resp: 207745

Ion Ratio Lower Upper

91 100

92 59.5 40.4 75.0

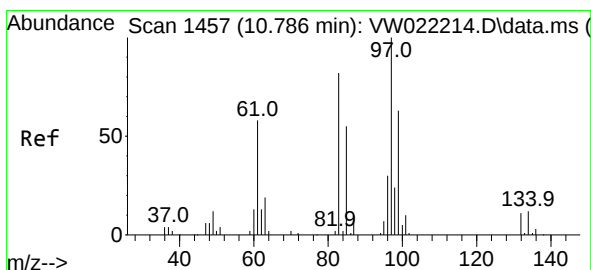
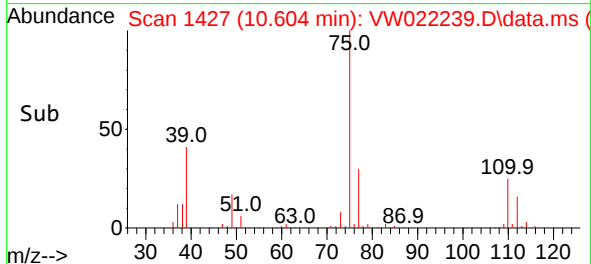
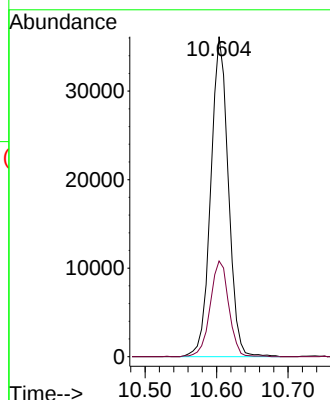
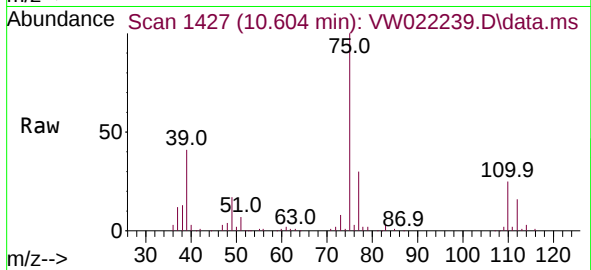




#44
trans-1,3-Dichloropropene
Concen: 28.063 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

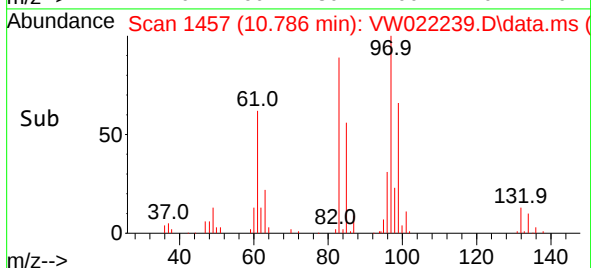
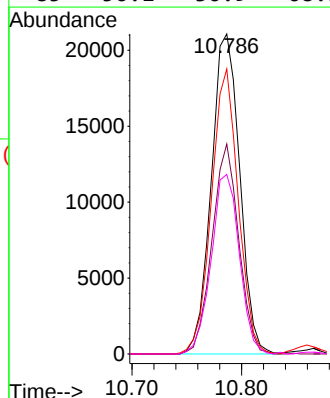
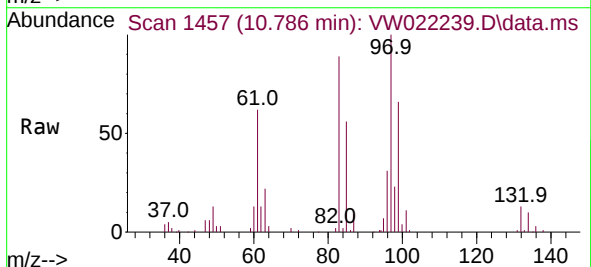
Instrument :
MSVOA_W
ClientSampleId :

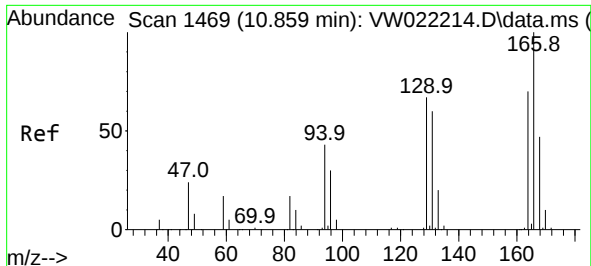
Tgt Ion: 75 Resp: 61725
Ion Ratio Lower Upper
75 100
77 29.9 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 26.619 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

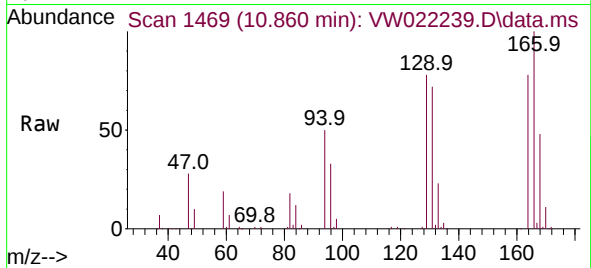
Tgt Ion: 97 Resp: 38008
Ion Ratio Lower Upper
97 100
99 65.6 43.5 80.7
83 89.1 53.5 99.3
85 56.1 36.9 68.5



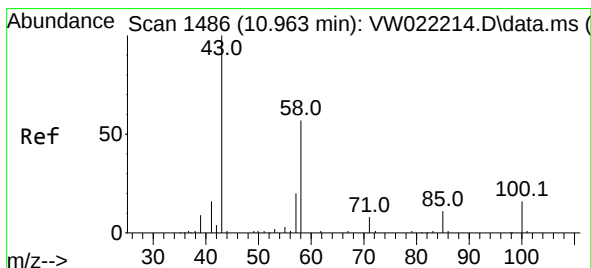
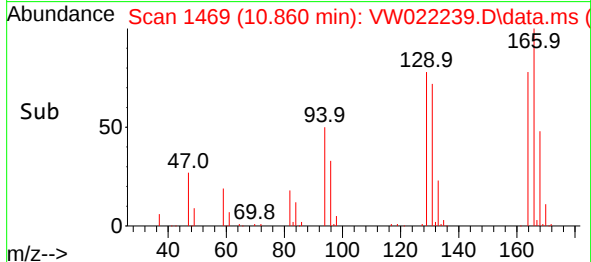
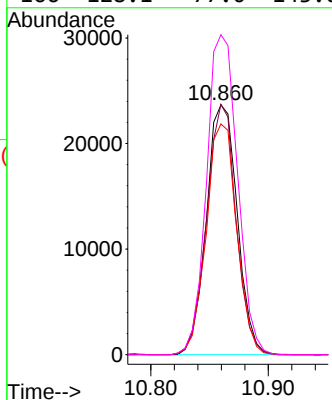


#46
Tetrachloroethene
Concen: 24.926 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Instrument :
MSVOA_W
ClientSampleId :

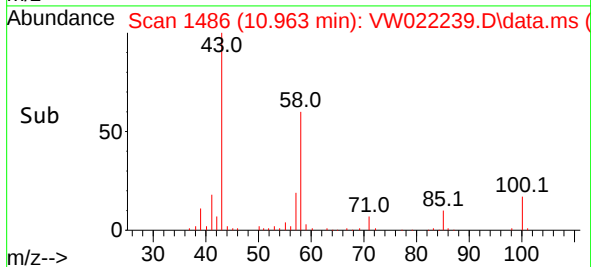
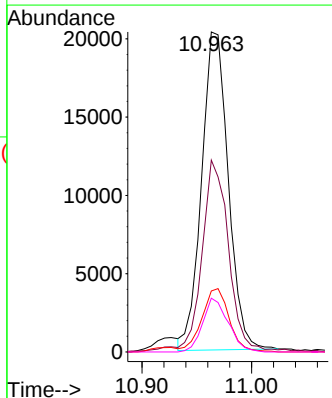
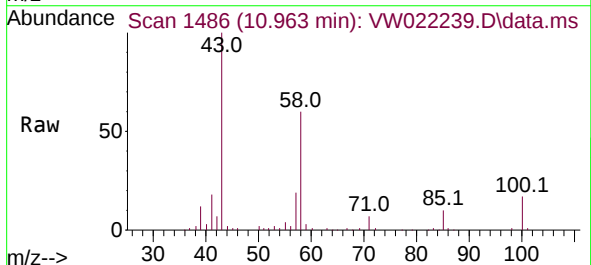


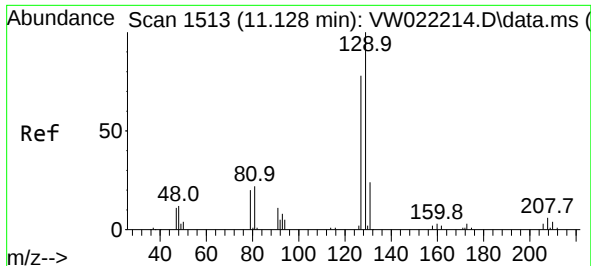
Tgt Ion:164 Resp: 43152
Ion Ratio Lower Upper
164 100
129 100.2 60.3 111.9
131 92.4 59.9 111.3
166 128.1 77.0 143.0



#48
2-Hexanone
Concen: 56.860 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 43 Resp: 34317
Ion Ratio Lower Upper
43 100
58 59.7 44.6 66.8
57 20.5 15.8 23.8
100 16.2 12.7 19.1





#49

Dibromochloromethane

Concen: 27.979 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

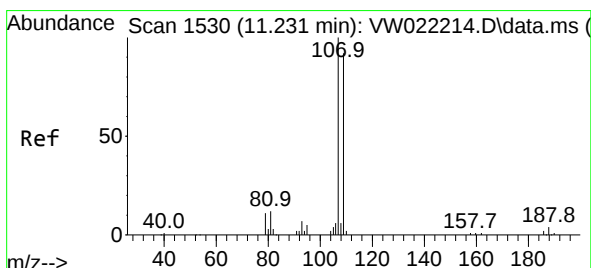
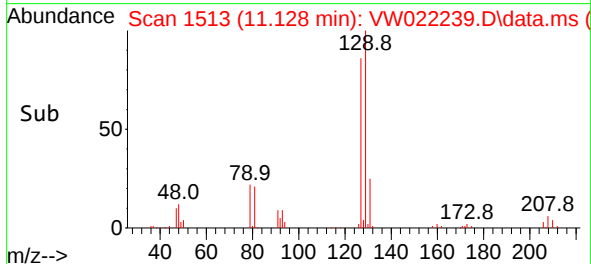
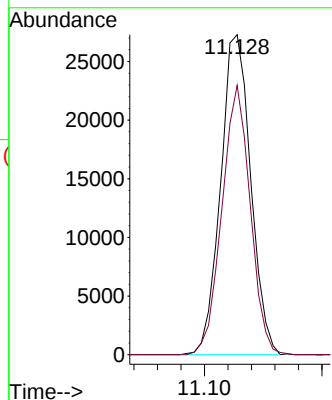
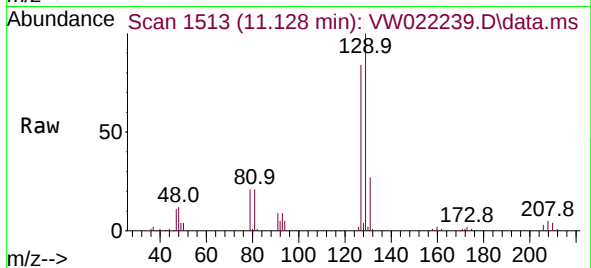
ClientSampleId :

Tgt Ion:129 Resp: 48526

Ion Ratio Lower Upper

129 100

127 84.1 54.5 101.1



#50

1,2-Dibromoethane

Concen: 26.526 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

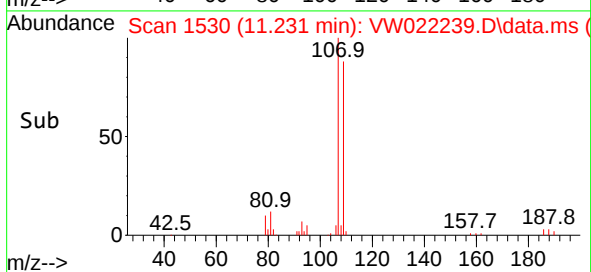
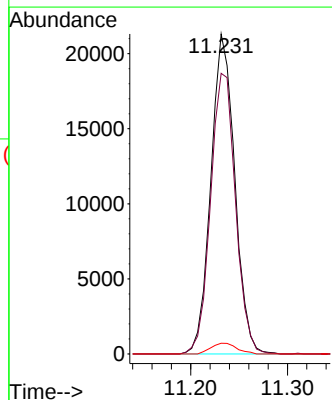
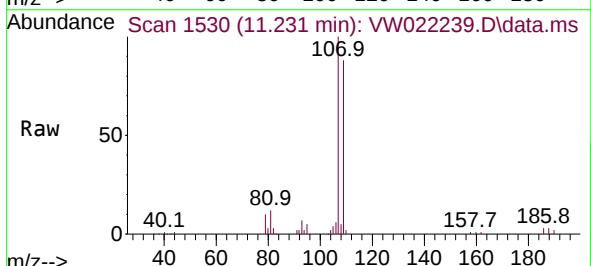
Tgt Ion:107 Resp: 36532

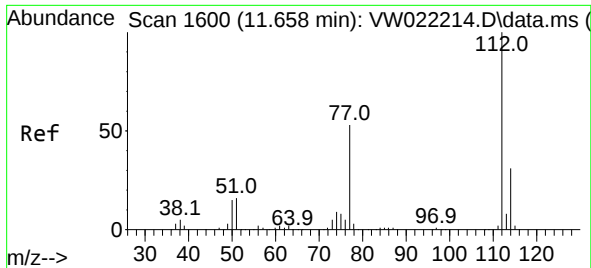
Ion Ratio Lower Upper

107 100

109 87.7 66.8 124.2

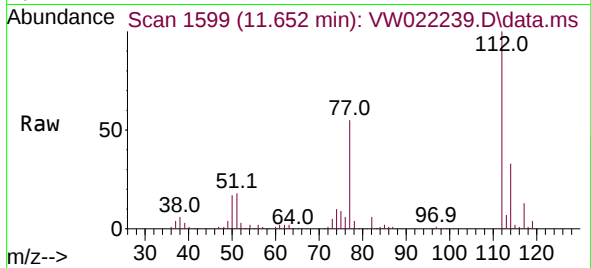
188 3.4 2.6 4.0



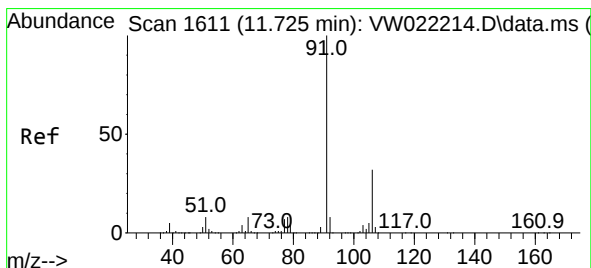
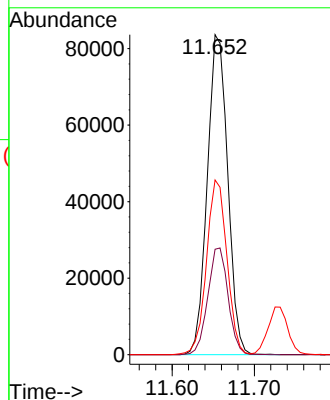
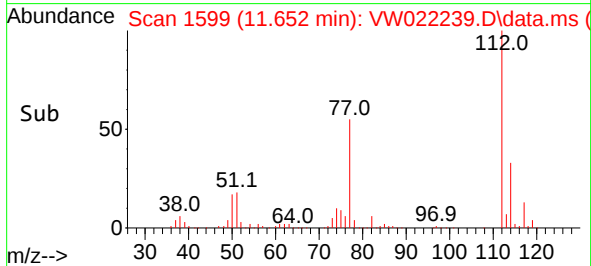


#51
Chlorobenzene
Concen: 26.602 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Instrument :
MSVOA_W
ClientSampleId :

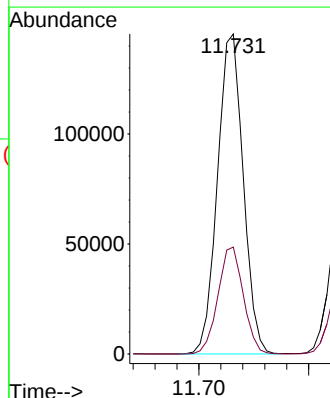
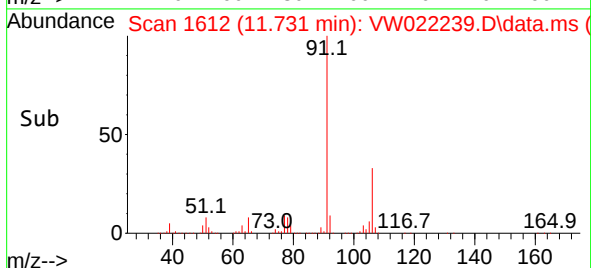
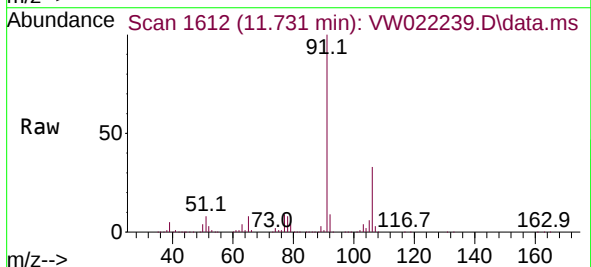


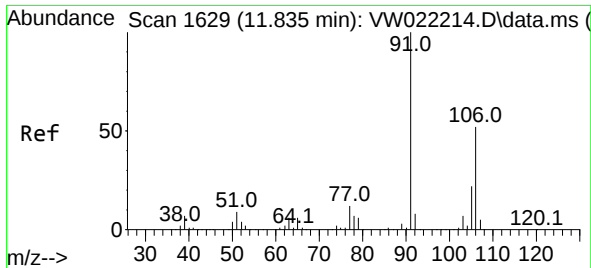
Tgt Ion:112 Resp: 144629
Ion Ratio Lower Upper
112 100
114 32.9 23.0 42.8
77 54.6 41.8 62.6



#52
Ethylbenzene
Concen: 27.444 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion: 91 Resp: 237271
Ion Ratio Lower Upper
91 100
106 33.4 22.8 42.4

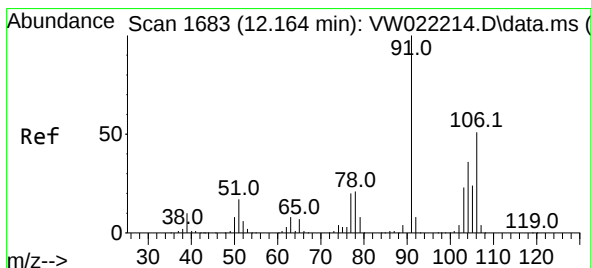
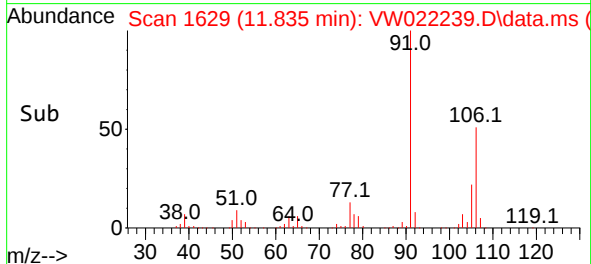
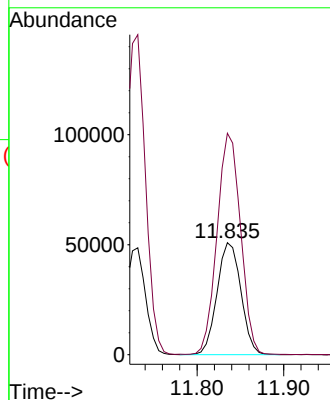
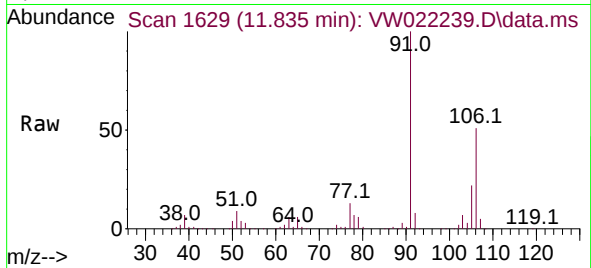




#53
m,p-Xylene
Concen: 27.371 ug/L
RT: 11.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

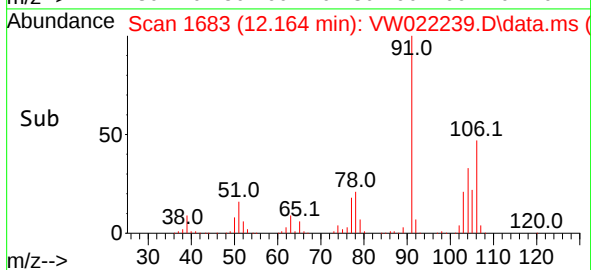
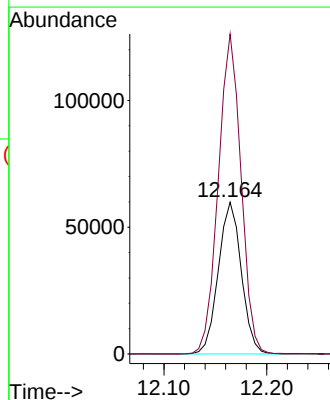
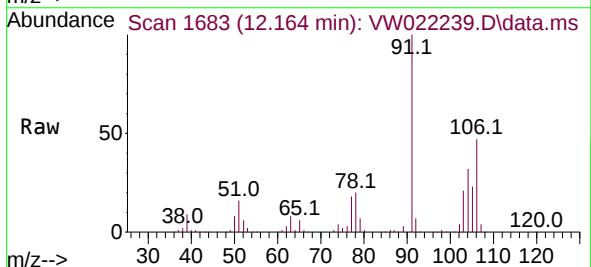
Instrument :
MSVOA_W
ClientSampleId :

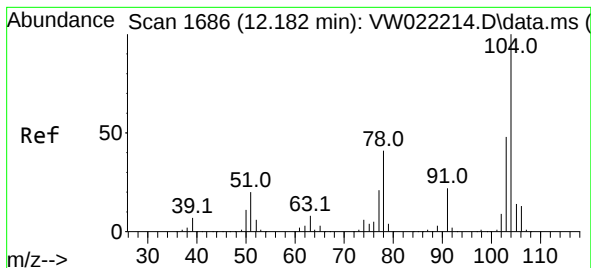
Tgt Ion:106 Resp: 97373
Ion Ratio Lower Upper
106 100
91 197.7 135.0 250.8



#54
o-Xylene
Concen: 27.792 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion:106 Resp: 93030
Ion Ratio Lower Upper
106 100
91 210.9 136.9 254.3





#55

Styrene

Concen: 28.823 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

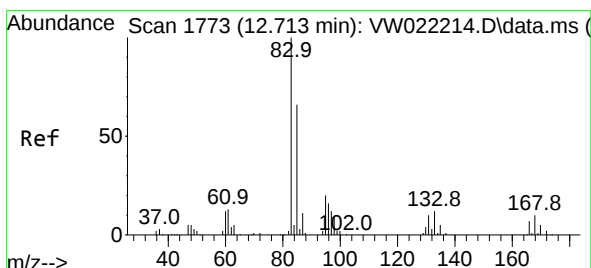
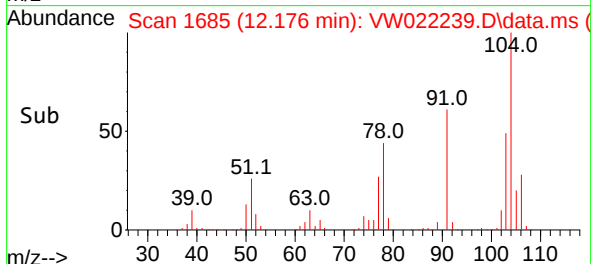
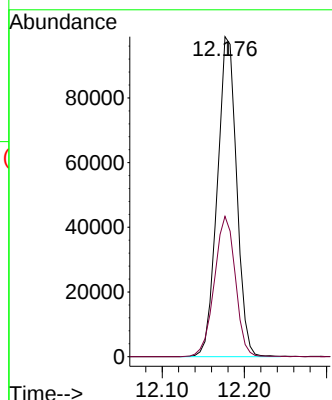
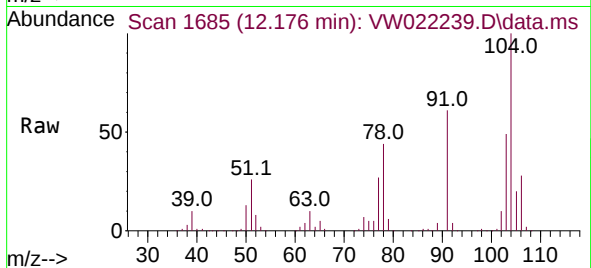
ClientSampleId :

Tgt Ion:104 Resp: 161739

Ion Ratio Lower Upper

104 100

78 43.8 27.8 51.6



#57

1,1,2,2-Tetrachloroethane

Concen: 27.836 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

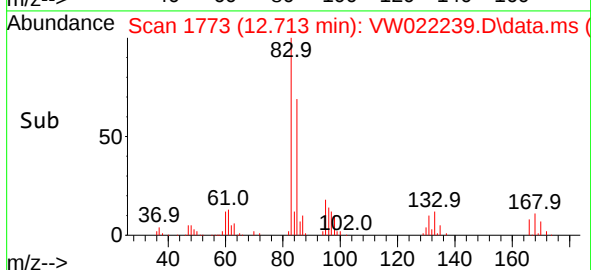
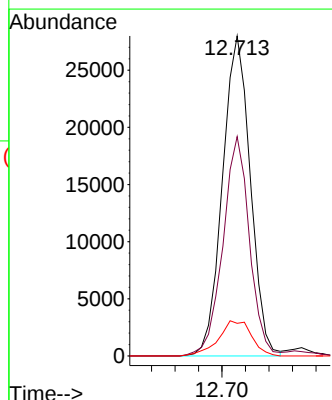
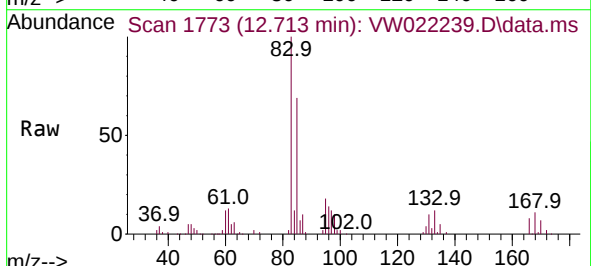
Tgt Ion: 83 Resp: 46116

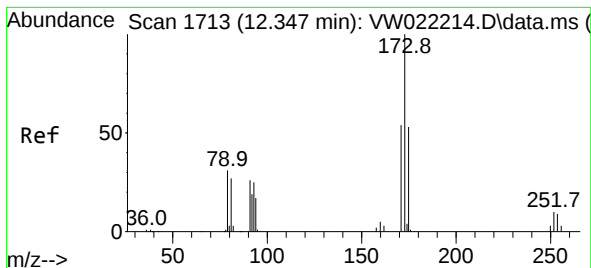
Ion Ratio Lower Upper

83 100

85 68.5 44.2 82.0

131 10.2 9.4 14.0





#59

Bromoform

Concen: 25.469 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

ClientSampleId :

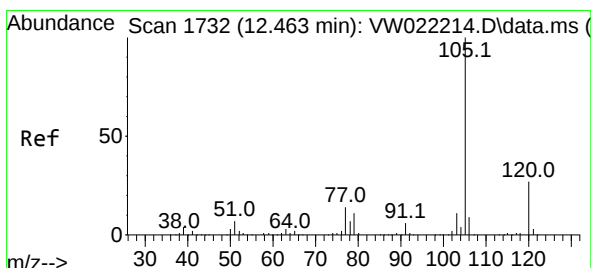
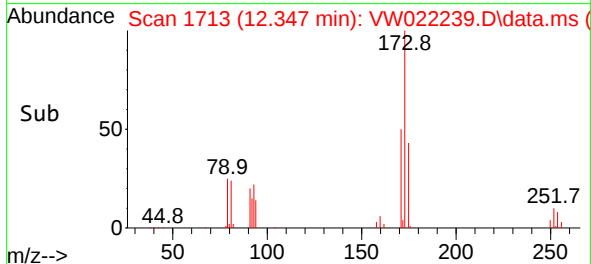
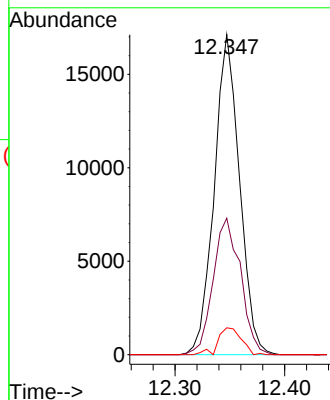
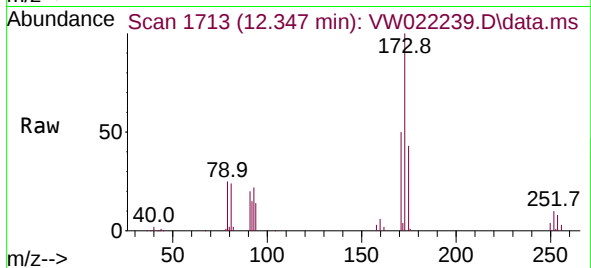
Tgt Ion:173 Resp: 27482

Ion Ratio Lower Upper

173 100

175 46.2 38.2 57.4

254 7.1 5.0 7.6



#60

Isopropylbenzene

Concen: 26.633 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

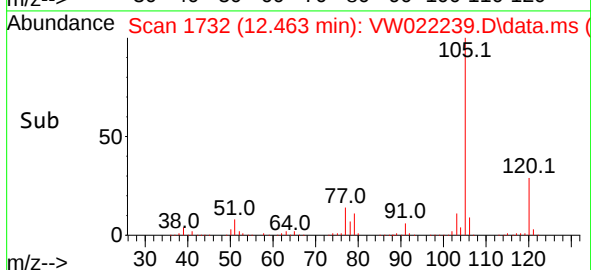
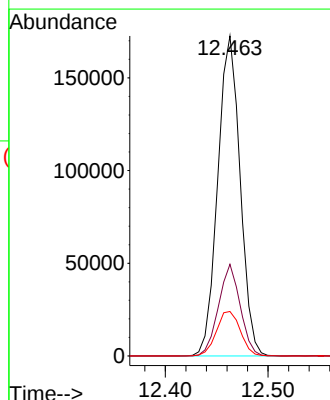
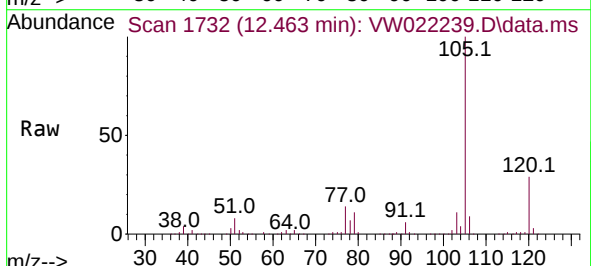
Tgt Ion:105 Resp: 260874

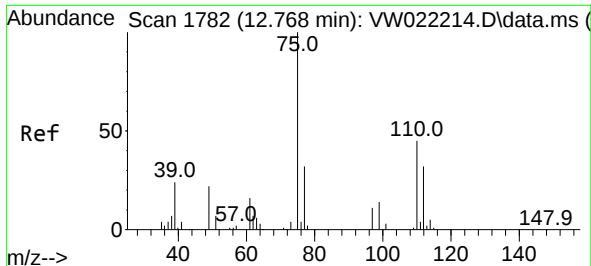
Ion Ratio Lower Upper

105 100

120 27.7 22.1 33.1

77 15.0 12.0 18.0





#61

1,2,3-Trichloropropane

Concen: 24.564 ug/L

RT: 12.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022239.D

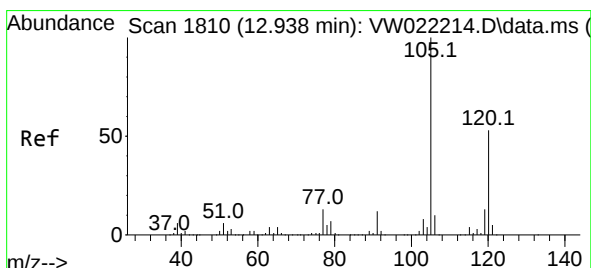
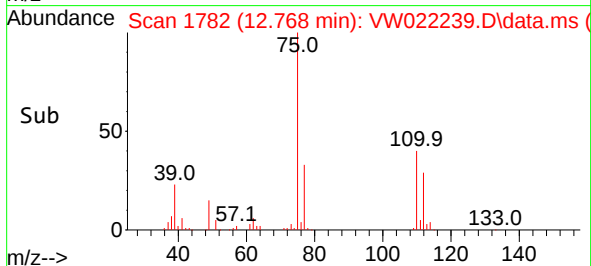
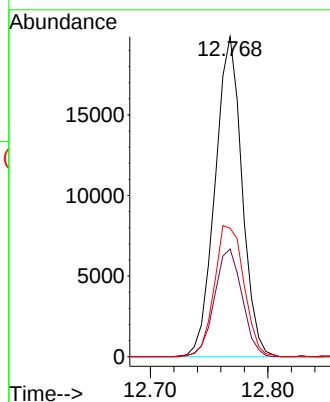
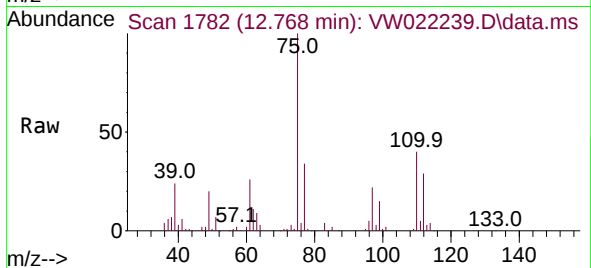
Acq: 09 Mar 2022 08:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 31634
Ion Ratio	Lower Upper
75 100	
77 34.6	27.1 40.7
110 45.0	36.7 55.1



#62

1,3,5-Trimethylbenzene

Concen: 27.538 ug/L

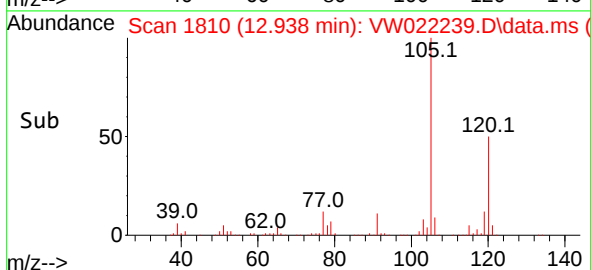
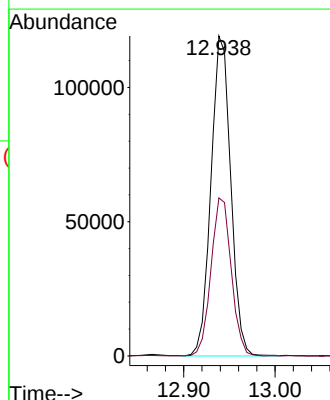
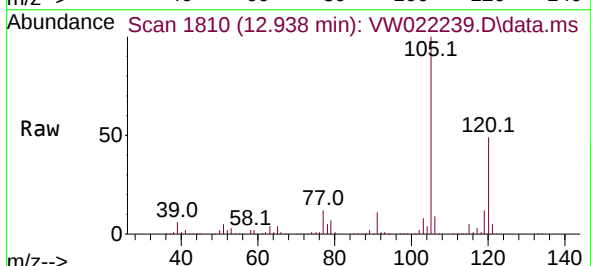
RT: 12.938 min Scan# 1810

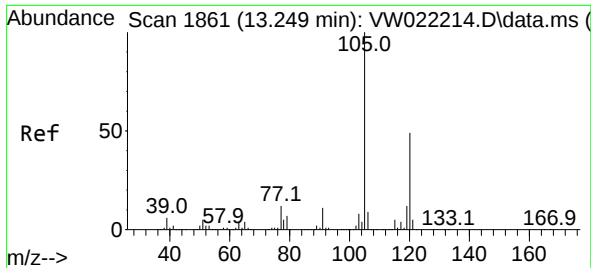
Delta R.T. 0.000 min

Lab File: VW022239.D

Acq: 09 Mar 2022 08:54

Tgt Ion: 105	Resp: 179363
Ion Ratio	Lower Upper
105 100	
120 50.6	41.5 62.3

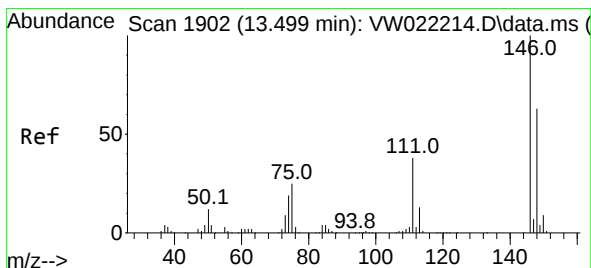
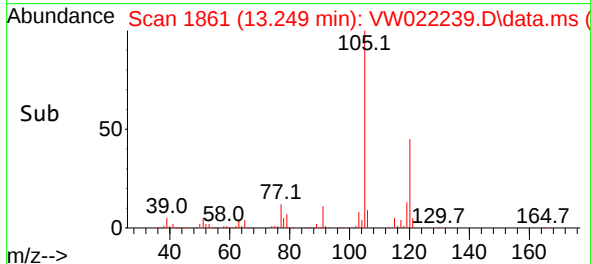
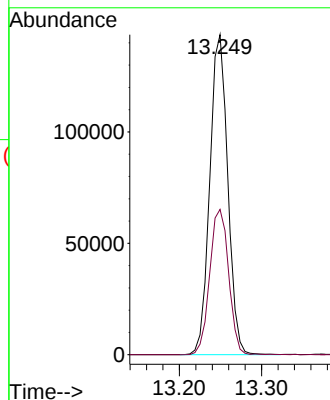
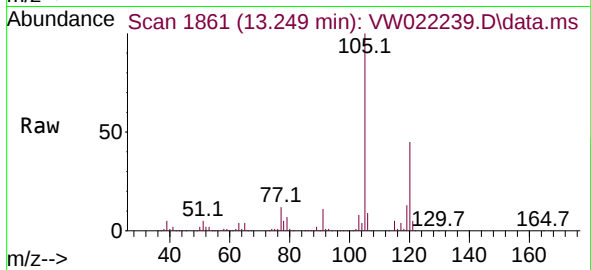




#63
 1,2,4-Trimethylbenzene
 Concen: 27.384 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022239.D
 Acq: 09 Mar 2022 08:54

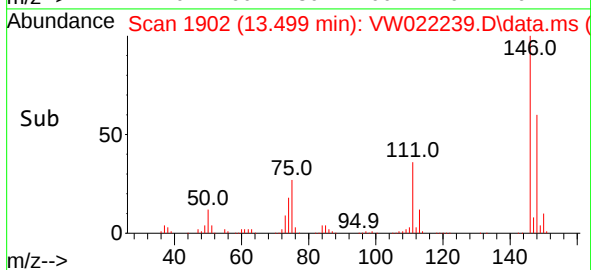
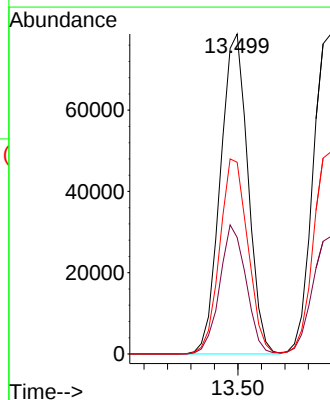
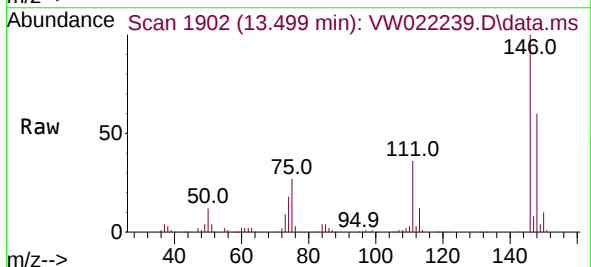
Instrument :
 MSVOA_W
 ClientSampleId :

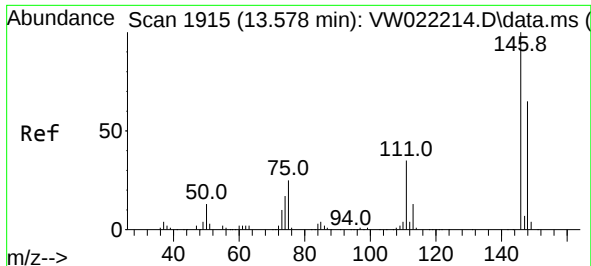
Tgt Ion:105 Resp: 217979
 Ion Ratio Lower Upper
 105 100
 120 47.7 39.2 58.8



#64
 1,3-Dichlorobenzene
 Concen: 26.518 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW022239.D
 Acq: 09 Mar 2022 08:54

Tgt Ion:146 Resp: 128851
 Ion Ratio Lower Upper
 146 100
 111 36.4 26.9 49.9
 148 59.9 41.6 77.2

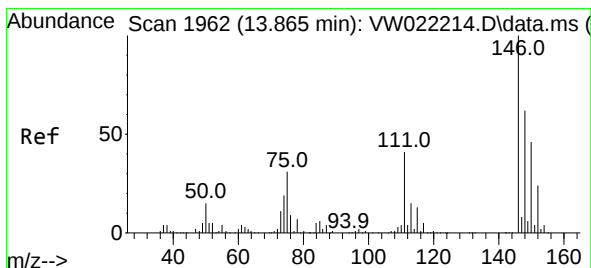
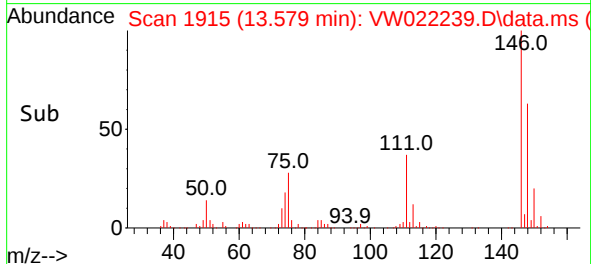
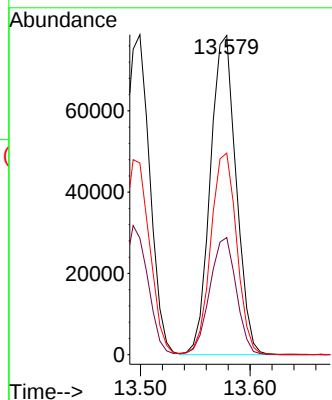
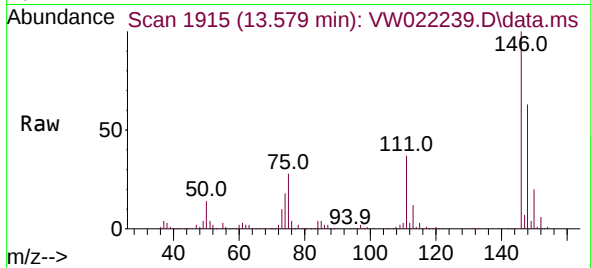




#65
1,4-Dichlorobenzene
Concen: 26.415 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

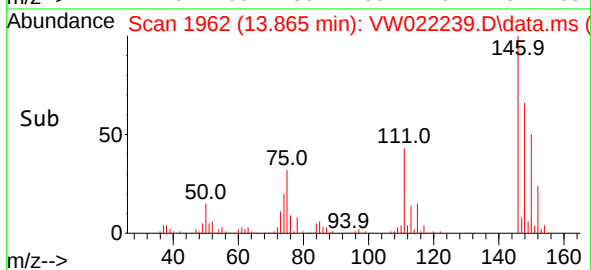
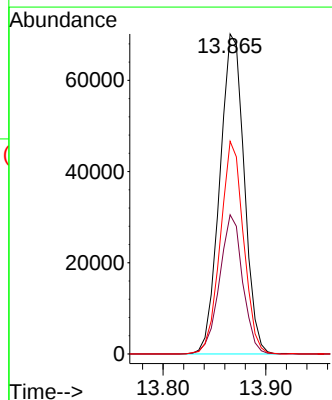
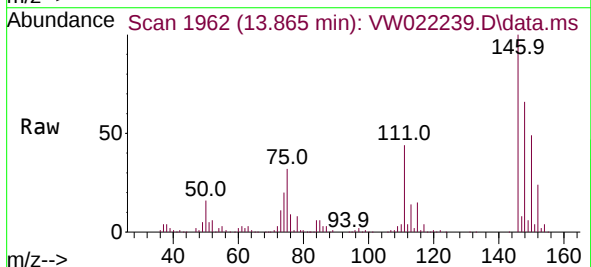
Instrument :
MSVOA_W
ClientSampleId :

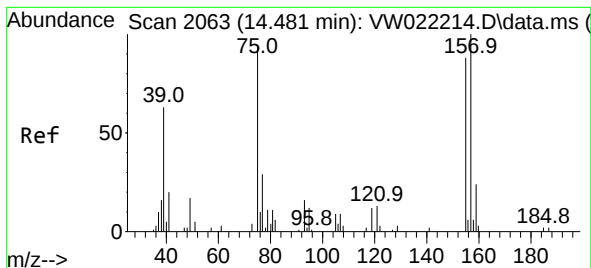
Tgt Ion:146 Resp: 128620
Ion Ratio Lower Upper
146 100
111 36.7 27.5 51.1
148 63.2 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 26.762 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

Tgt Ion:146 Resp: 115614
Ion Ratio Lower Upper
146 100
111 43.5 34.8 52.2
148 66.5 50.4 75.6

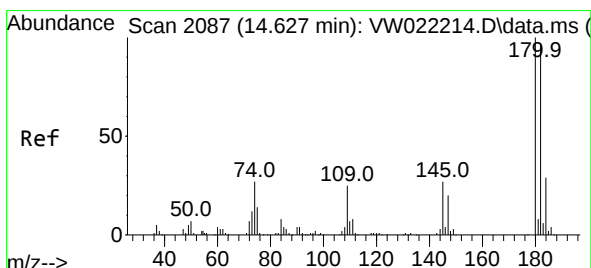
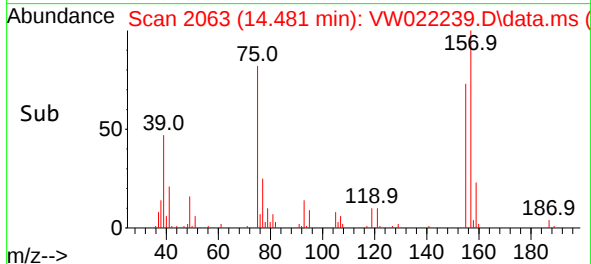
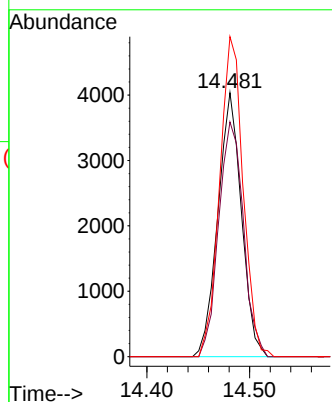
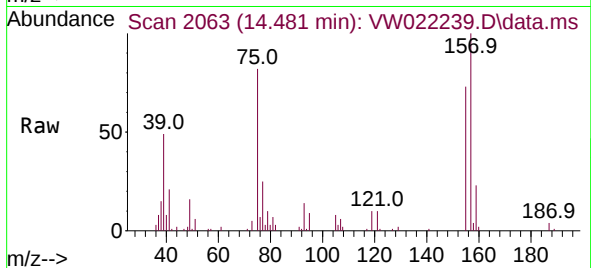




#68
1,2-Dibromo-3-chloropropane
Concen: 23.490 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

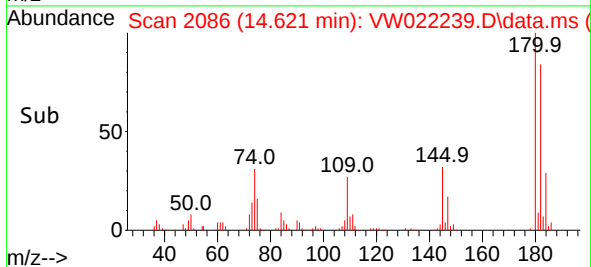
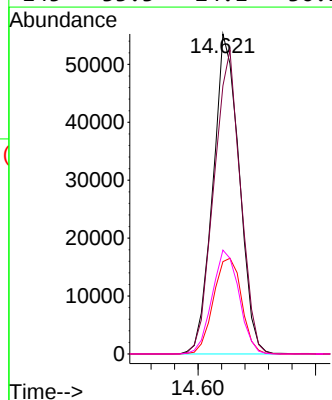
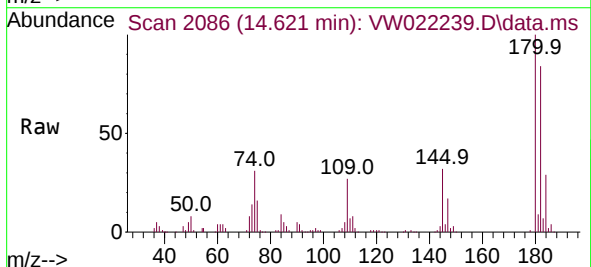
Instrument :
MSVOA_W
ClientSampleId :

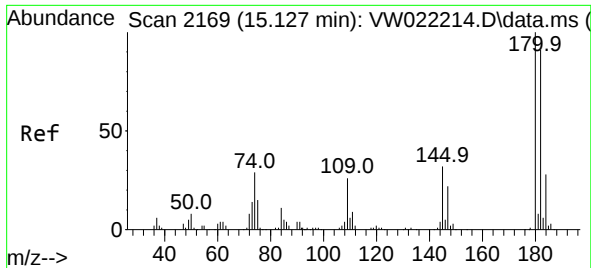
Tgt Ion: 75 Resp: 6395
Ion Ratio Lower Upper
75 100
155 88.9 58.2 87.2#
157 121.2 80.5 120.7#



#69
1,3,5-Trichlorobenzene
Concen: 24.586 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

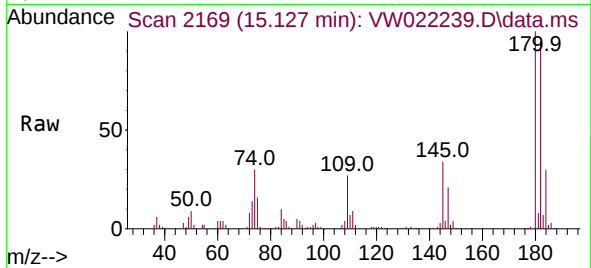
Tgt Ion: 180 Resp: 85745
Ion Ratio Lower Upper
180 100
182 95.9 69.4 104.0
184 32.1 21.8 32.8
145 33.3 24.1 36.1



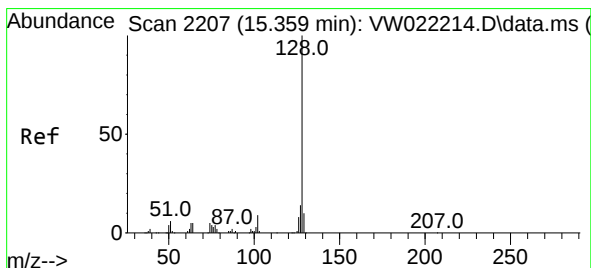
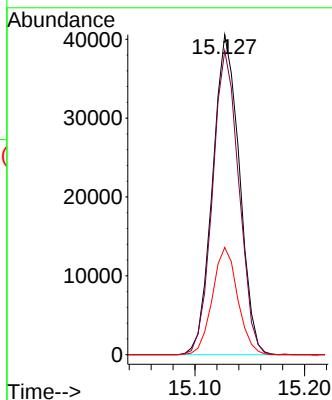
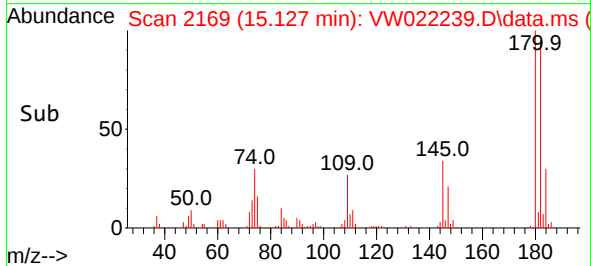


#70
1,2,4-trichlorobenzene
Concen: 26.092 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54

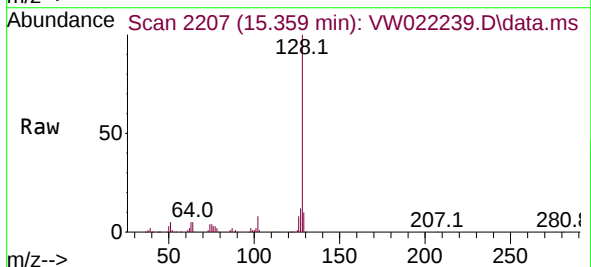
Instrument :
MSVOA_W
ClientSampleId :



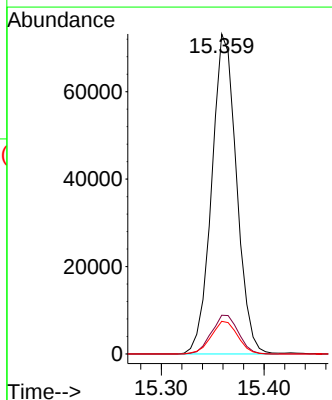
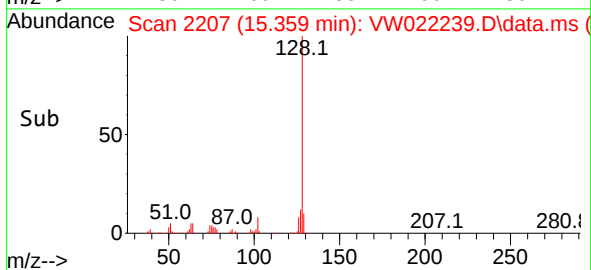
Tgt Ion:180 Resp: 68850
Ion Ratio Lower Upper
180 100
182 93.3 77.8 116.6
145 31.6 25.8 38.6

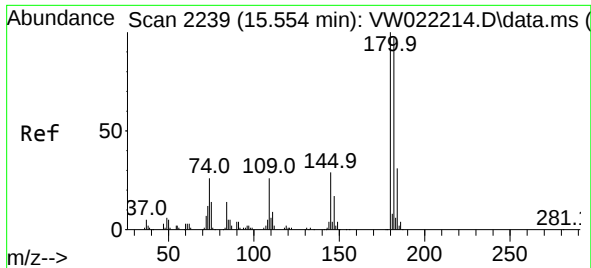


#71
Naphthalene
Concen: 26.374 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022239.D
Acq: 09 Mar 2022 08:54



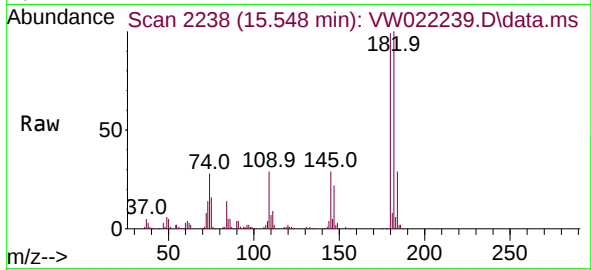
Tgt Ion:128 Resp: 122860
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.6
129 10.9 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 25.724 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW022239.D
 Acq: 09 Mar 2022 08:54

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	79.0	118.4
145	34.2	28.0	42.0

