

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
 Data File : VW022226.D
 Acq On : 08 Mar 2022 14:25
 Operator : SY/VA
 Sample : N1816-08MS
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 09 00:25:47 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	160704	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	150480	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88657	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26575	12.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.720%
7) Chloroethane-d5	2.879	69	27961	16.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	4.019	63	50808	15.829	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.320%
21) 2-Butanone-d5	7.080	46	22226	63.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.140%
24) Chloroform-d	7.653	84	78131	21.791	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	8.305	65	38477	20.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	8.275	84	130984	18.703	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	9.275	67	40723	20.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.760%
41) Toluene-d8	10.323	98	122991	17.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.640%
43) trans-1,3-Dichloroprop...	10.579	79	16315	18.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.680%
47) 2-Hexanone-d5	10.921	63	19199	60.019	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.040%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	45799	26.832	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.320%
66) 1,2-Dichlorobenzene-d4	13.847	152	57842	20.313	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	10678	23.775	ug/L	89
3) Chloromethane	2.215	50	31336	20.361	ug/L	96
5) Vinyl chloride	2.355	62	50072	21.654	ug/L	99
6) Bromomethane	2.776	94	33327	20.636	ug/L	90
8) Chloroethane	2.916	64	30378	23.385	ug/L	99
9) Trichlorofluoromethane	3.251	101	33060	21.058	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	42090	21.974	ug/L	95
12) 1,1-Dichloroethene	4.032	96	34985	21.074	ug/L	95
13) Acetone	4.123	43	13595	47.231	ug/L	70
14) Carbon disulfide	4.379	76	72167	16.768	ug/L	98
16) Methylene chloride	4.910	84	39668	20.110	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	38975	21.375	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	58934	23.757	ug/L #	80
19) 1,1-Dichloroethane	6.214	63	69070	23.399	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	46754	23.671	ug/L	94
22) 2-Butanone	7.171	43	19189	46.408	ug/L	96
23) Bromochloromethane	7.513	128	22335	23.148	ug/L	95
25) Chloroform	7.671	83	81385	23.629	ug/L	97
27) 1,2-Dichloroethane	8.397	62	49382	23.278	ug/L	97

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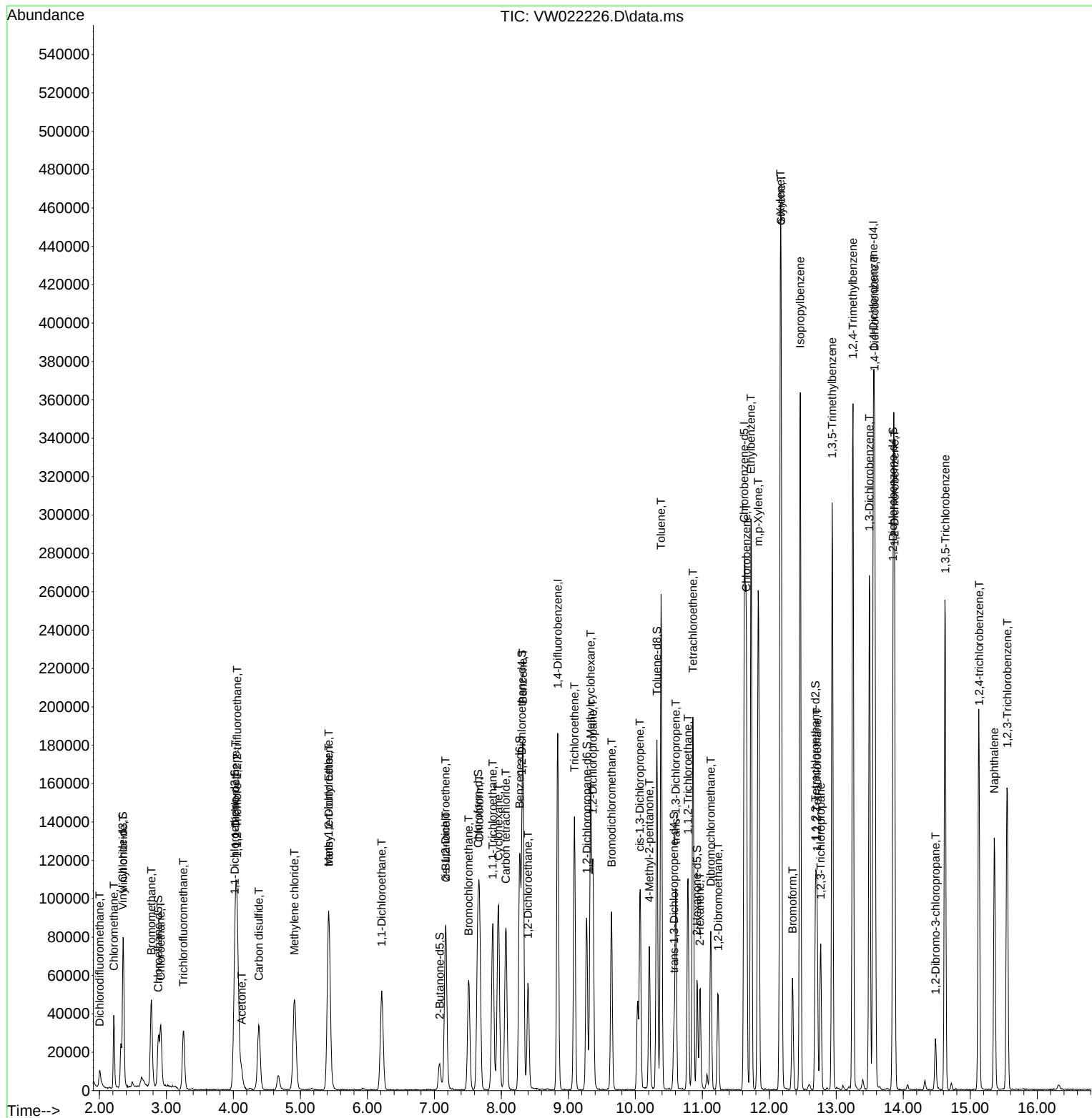
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	51180	20.437	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	69877	23.081	ug/L	99
31) Carbon tetrachloride	8.067	117	65755	22.853	ug/L	100
33) Benzene	8.324	78	165103	22.693	ug/L	100
34) Trichloroethene	9.092	95	46188	22.173	ug/L	93
35) Methylcyclohexane	9.336	83	66283	20.572	ug/L	100
37) 1,2-Dichloropropane	9.366	63	40132	23.645	ug/L	99
38) Bromodichloromethane	9.646	83	59147	24.300	ug/L	93
39) cis-1,3-Dichloropropene	10.067	75	61469	23.826	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	44228	48.253	ug/L	99
42) Toluene	10.384	91	189790	23.049	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	55338	23.869	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	34888	23.180	ug/L	97
46) Tetrachloroethene	10.860	164	41822	22.919	ug/L	86
48) 2-Hexanone	10.963	43	30862	48.512	ug/L	98
49) Dibromochloromethane	11.128	129	43982	24.058	ug/L	99
50) 1,2-Dibromoethane	11.238	107	33240	22.897	ug/L	98
51) Chlorobenzene	11.658	112	134537	23.477	ug/L	99
52) Ethylbenzene	11.725	91	214687	23.558	ug/L	99
53) m,p-Xylene	11.835	106	89435	23.850	ug/L	91
54) o-Xylene	12.164	106	86881	24.624	ug/L	95
55) Styrene	12.177	104	148560	25.116	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	42023	24.064	ug/L	93
59) Bromoform	12.347	173	25150	21.452	ug/L #	98
60) Isopropylbenzene	12.463	105	234994	22.080	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	29605	21.157	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	161246	22.785	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	197811	22.871	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	111573	21.133	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	113341	21.423	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	103478	22.045	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	6281	21.233	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.627	180	81366	21.472	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	62656	21.853	ug/L	97
71) Naphthalene	15.359	128	112708	22.268	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55227	22.269	ug/L	96

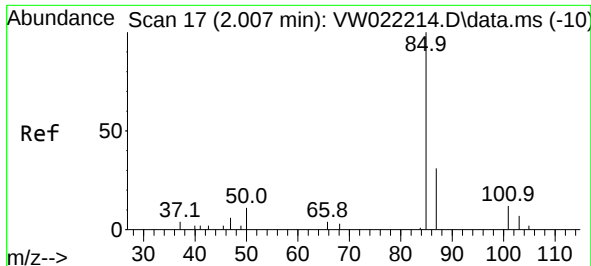
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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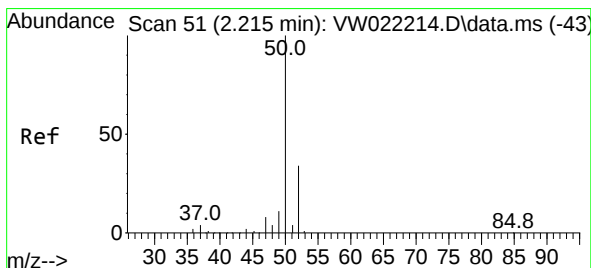
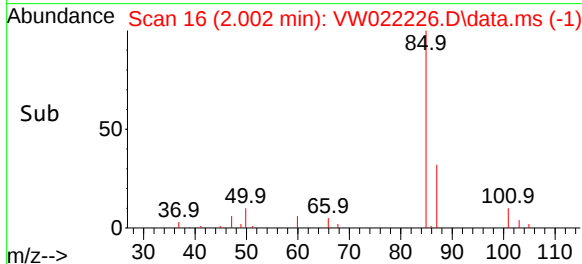
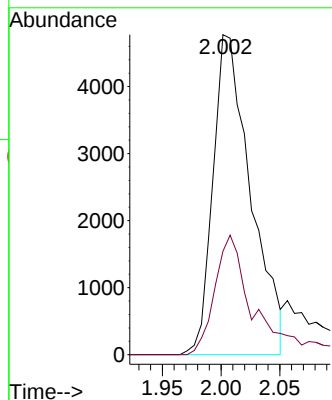
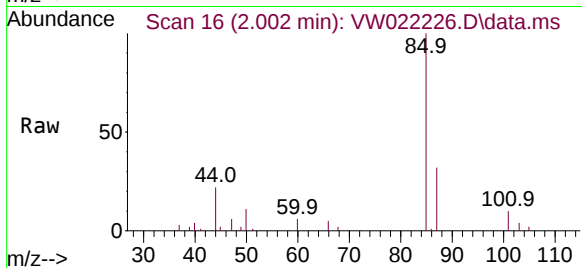




#2
 Dichlorodifluoromethane
 Concen: 23.775 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

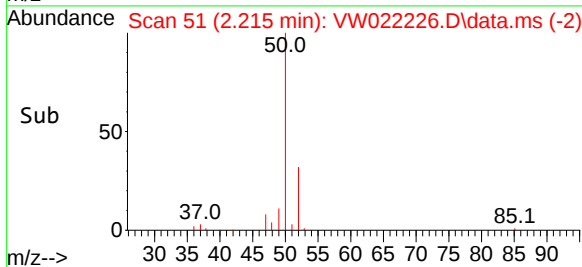
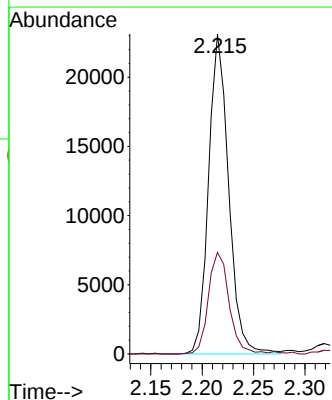
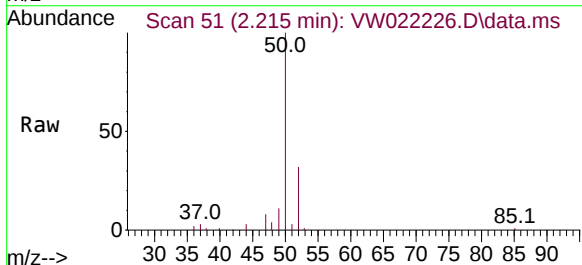
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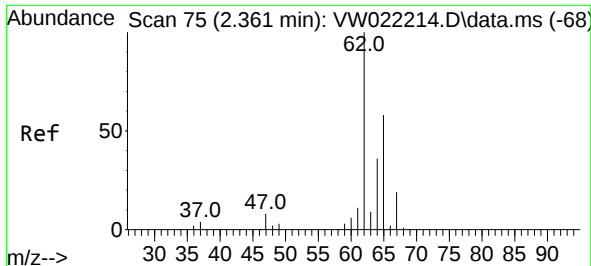
Tgt Ion: 85 Resp: 10678
 Ion Ratio Lower Upper
 85 100
 87 28.0 27.6 41.4



#3
 Chloromethane
 Concen: 20.361 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

Tgt Ion: 50 Resp: 31336
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.9 44.5

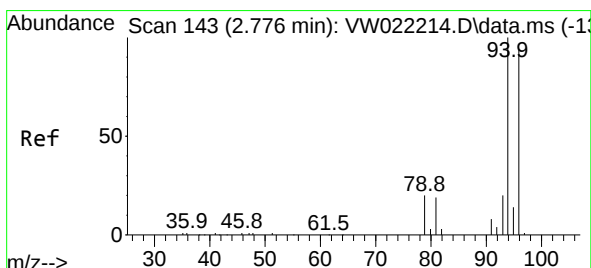
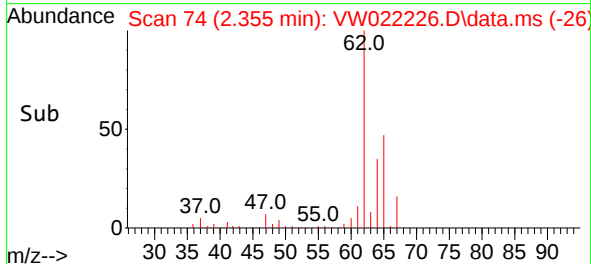
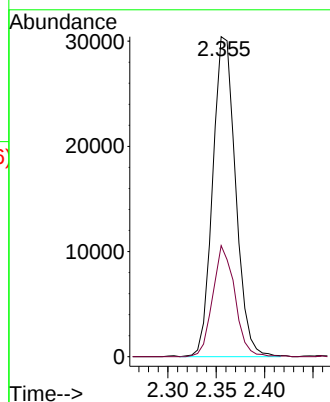
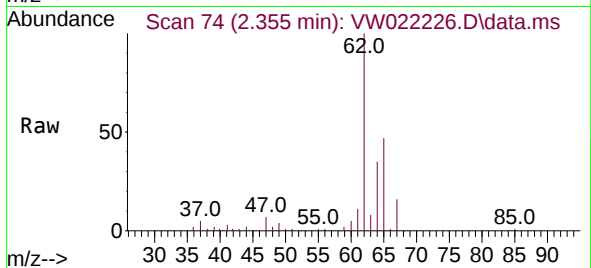




#5
 Vinyl chloride
 Concen: 21.654 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

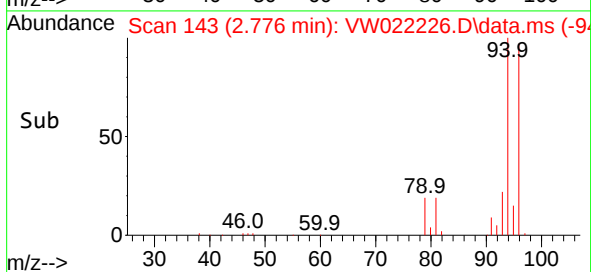
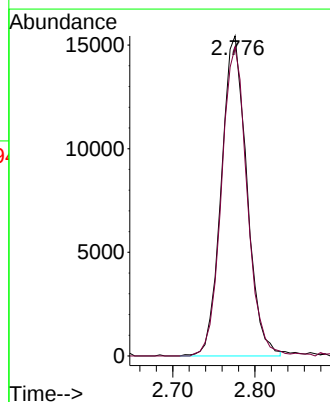
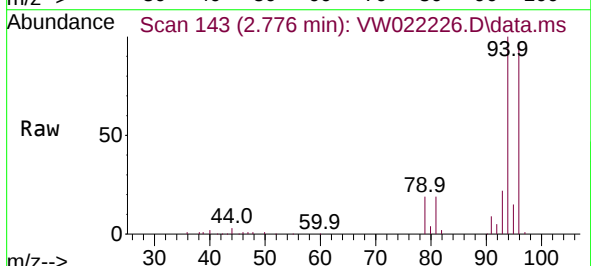
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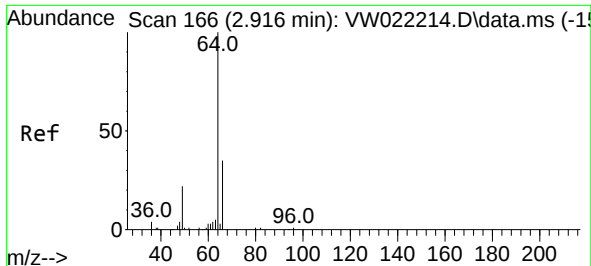
Tgt Ion: 62 Resp: 50072
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.7 45.9



#6
 Bromomethane
 Concen: 20.636 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

Tgt Ion: 94 Resp: 33327
 Ion Ratio Lower Upper
 94 100
 96 96.6 61.2 113.8

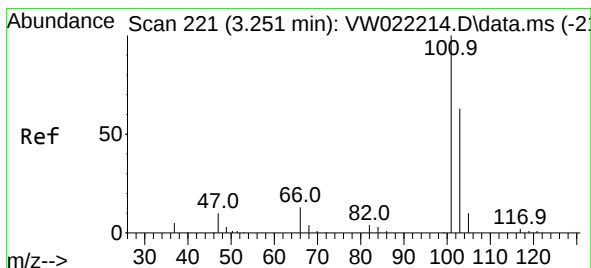
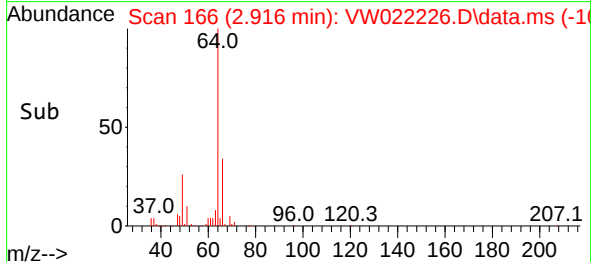
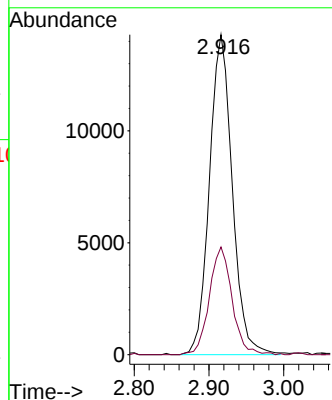
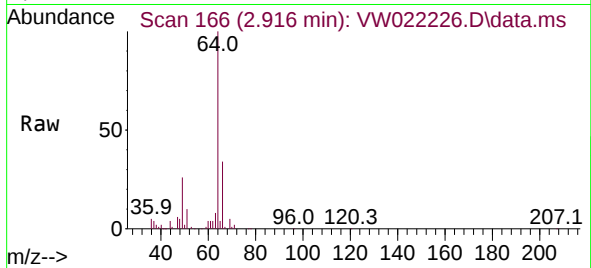




#8
Chloroethane
Concen: 23.385 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

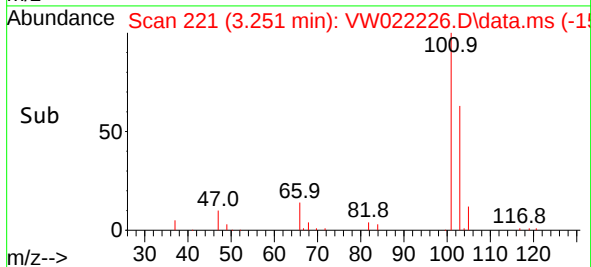
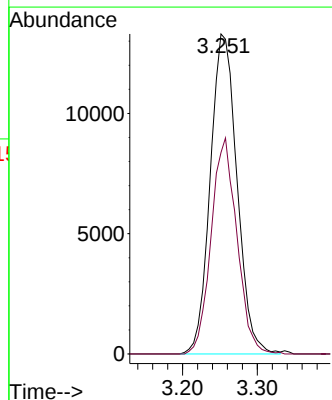
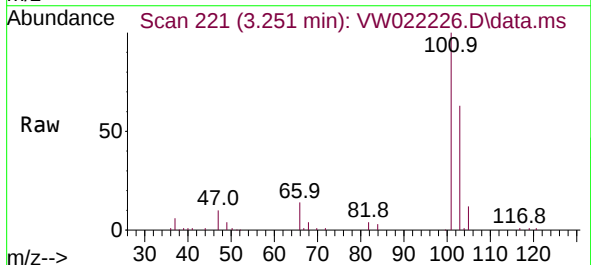
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ClientSampleId :

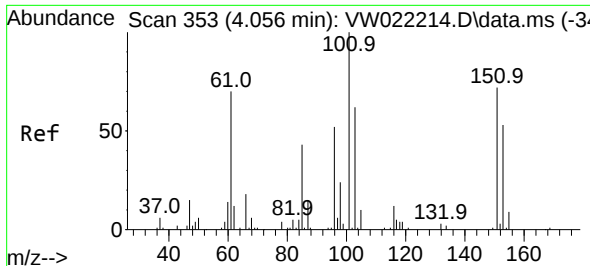
Tgt Ion: 64 Resp: 30378
Ion Ratio Lower Upper
64 100
66 33.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 21.058 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 101 Resp: 33060
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8

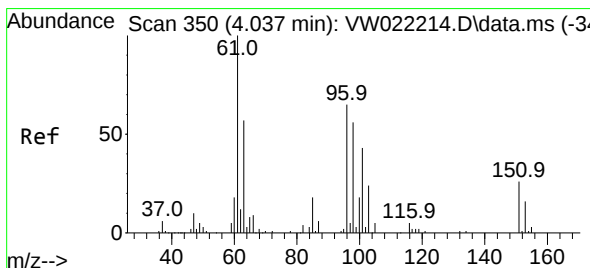
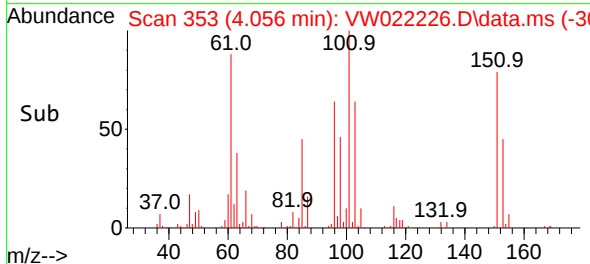
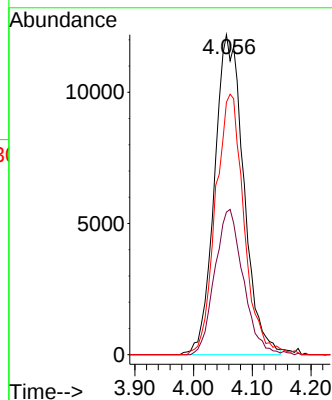
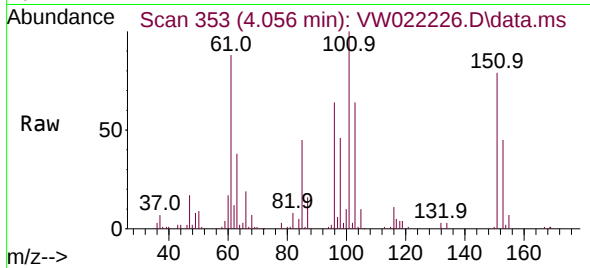




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.974 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

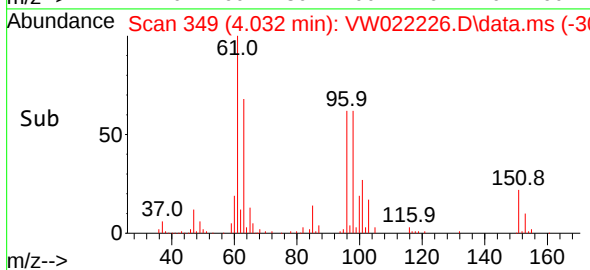
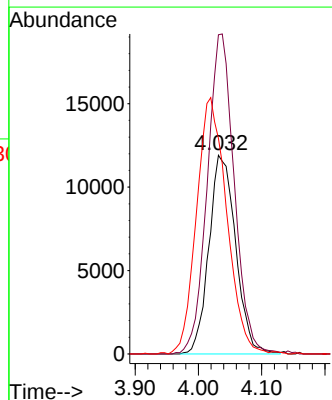
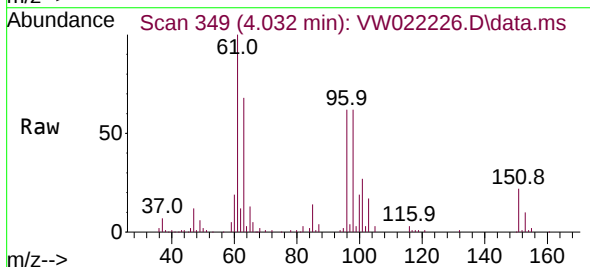
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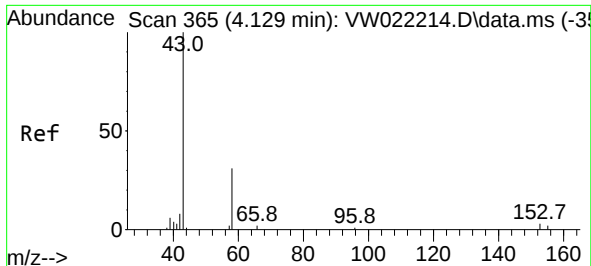
Tgt Ion:101 Resp: 42090
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.4 51.6
 151 79.4 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 21.074 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

Tgt Ion: 96 Resp: 34985
 Ion Ratio Lower Upper
 96 100
 61 160.6 108.4 201.2
 63 108.5 72.0 133.6

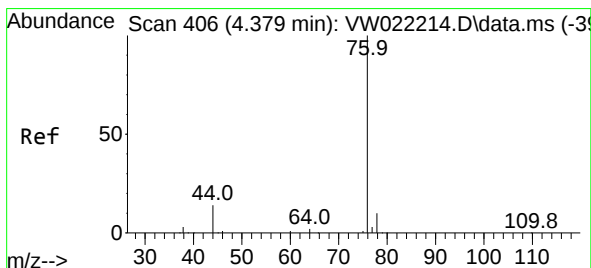
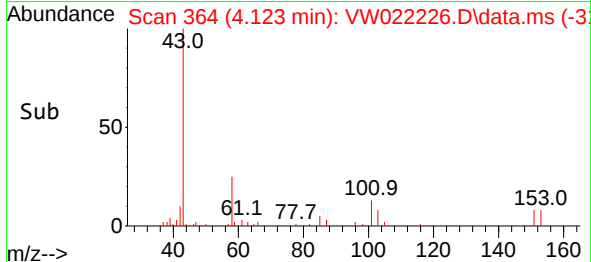
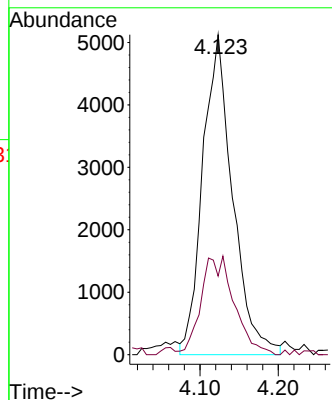
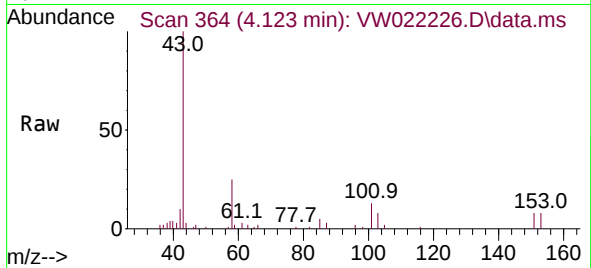




#13
Acetone
Concen: 47.231 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

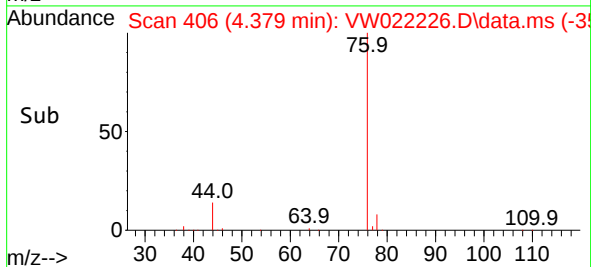
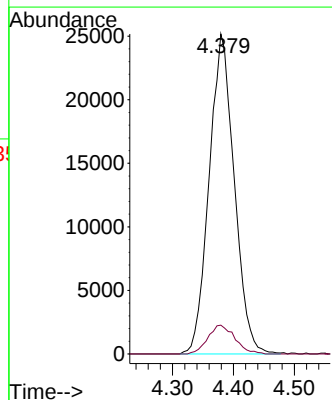
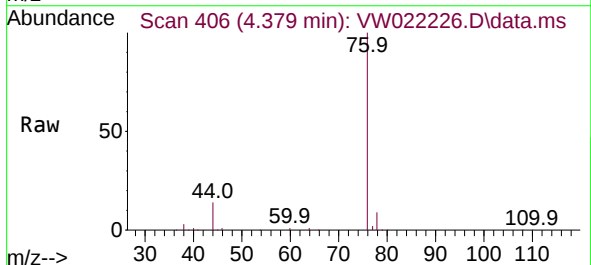
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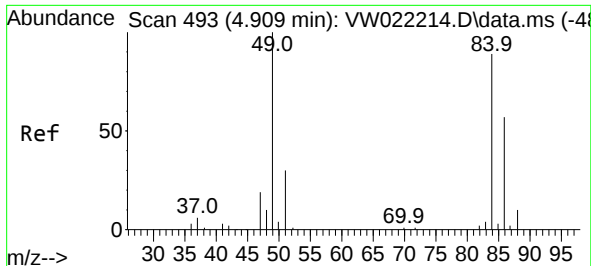
Tgt Ion: 43 Resp: 13595
Ion Ratio Lower Upper
43 100
58 17.4 0.0 69.2



#14
Carbon disulfide
Concen: 16.768 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 72167
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

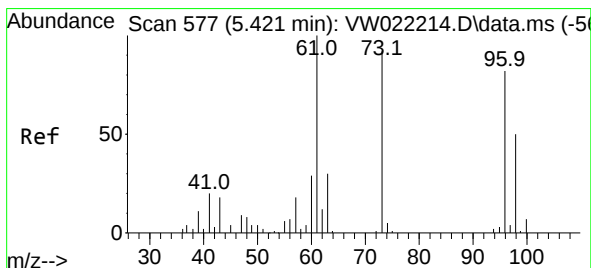
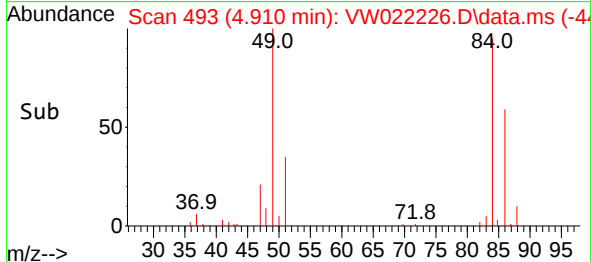
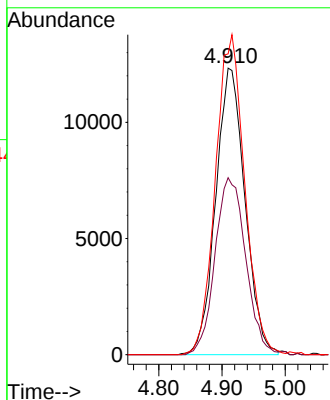
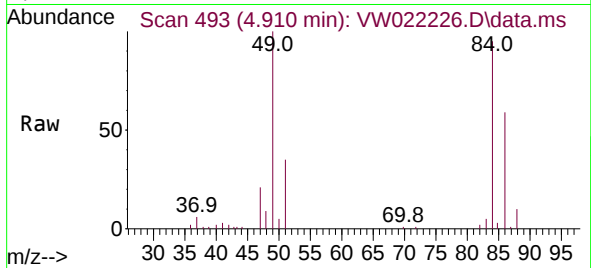




#16
Methylene chloride
Concen: 20.110 ug/L
RT: 4.910 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

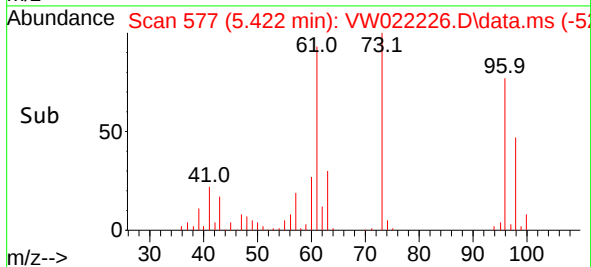
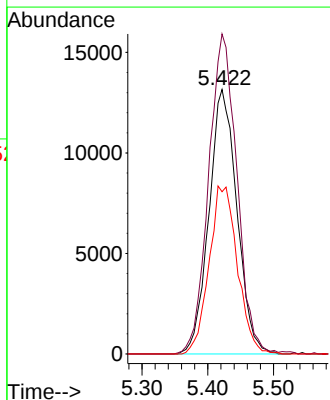
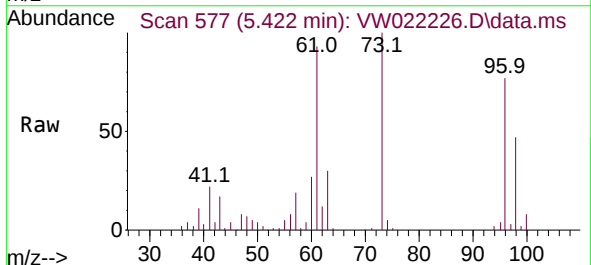
Instrument :
MSVOA_W
ClientSampleId :

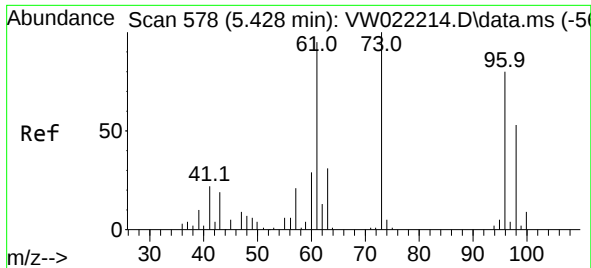
Tgt Ion: 84 Resp: 39668
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.0
49 105.0 73.8 137.0



#17
trans-1,2-Dichloroethene
Concen: 21.375 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

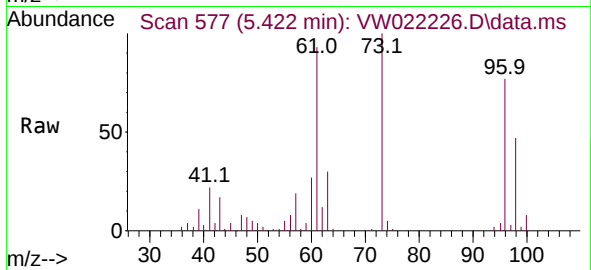
Tgt Ion: 96 Resp: 38975
Ion Ratio Lower Upper
96 100
61 121.0 87.3 162.1
98 61.4 43.2 80.2



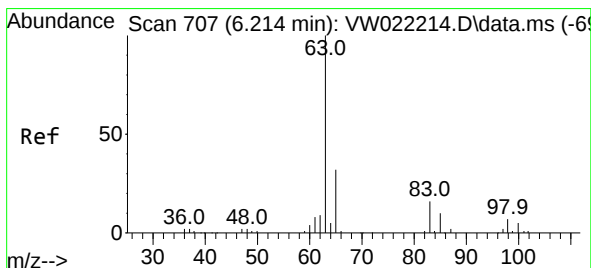
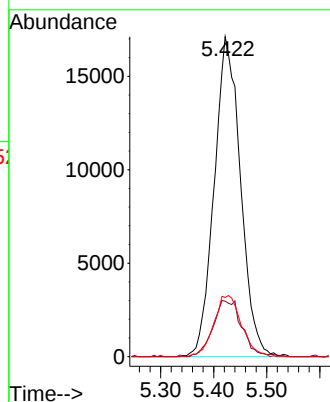
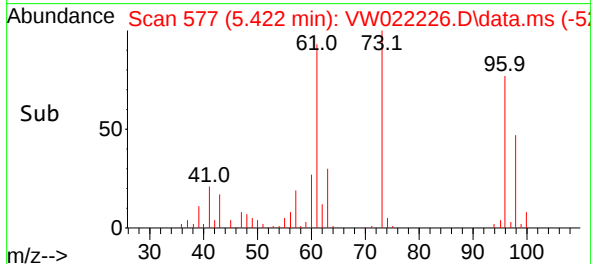


#18
Methyl tert-butyl Ether
Concen: 23.757 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Instrument :
MSVOA_W
ClientSampleId :

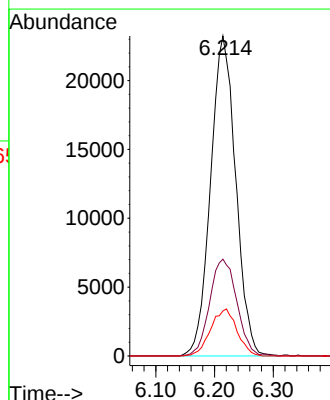
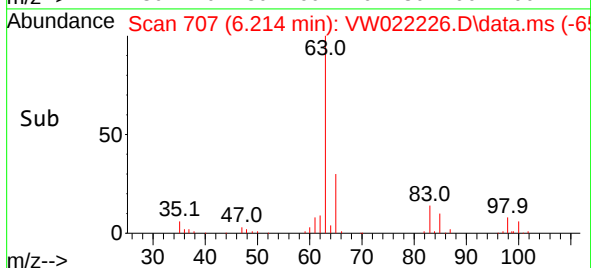
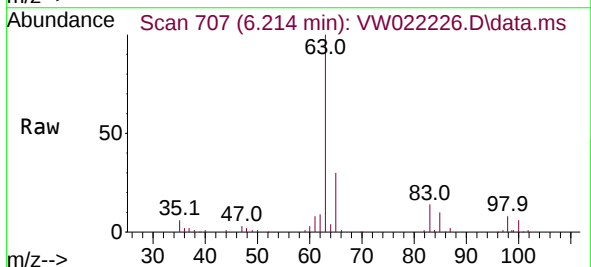


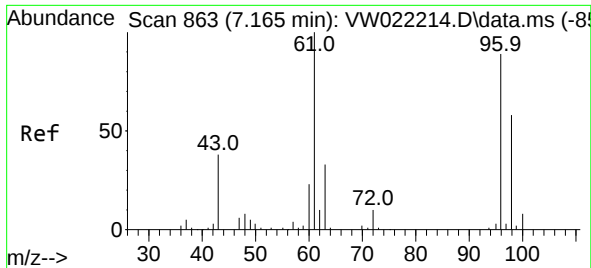
Tgt Ion: 73 Resp: 58934
Ion Ratio Lower Upper
73 100
43 12.6 15.4 23.2#
57 9.4 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 23.399 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 63 Resp: 69070
Ion Ratio Lower Upper
63 100
65 30.3 22.5 41.9
83 14.1 11.5 21.5

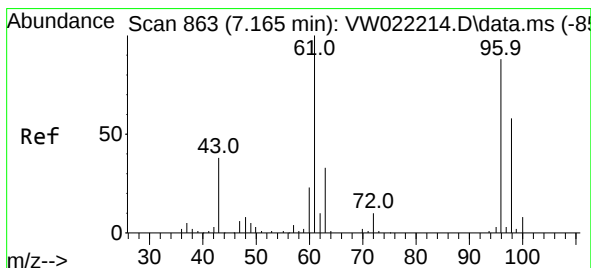
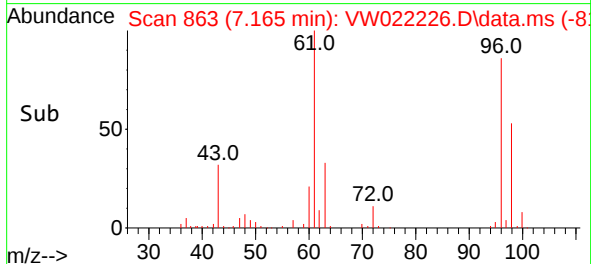
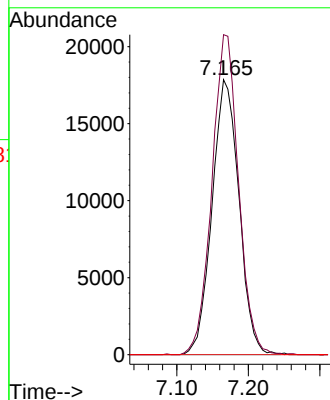
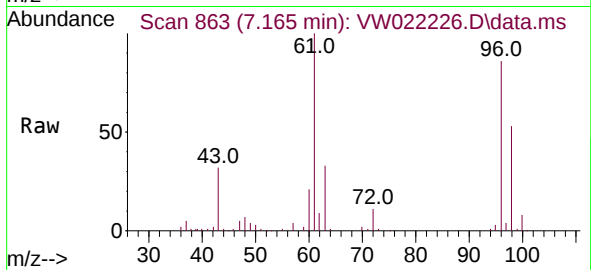




#20
 cis-1,2-Dichloroethene
 Concen: 23.671 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

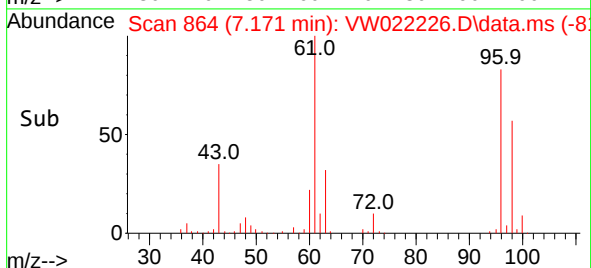
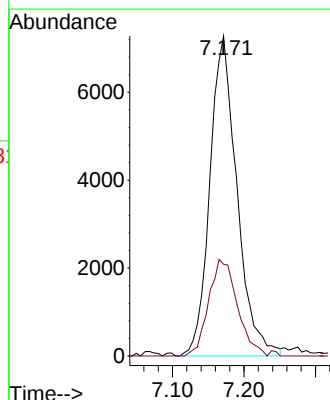
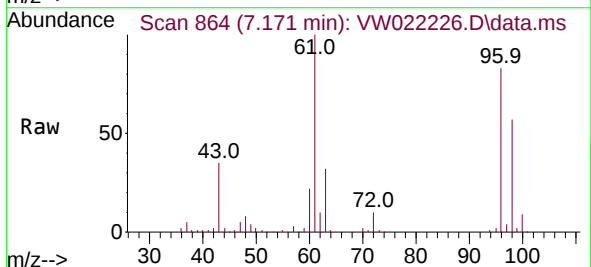
Instrument :
 MSVOA_W
 ClientSampleId :

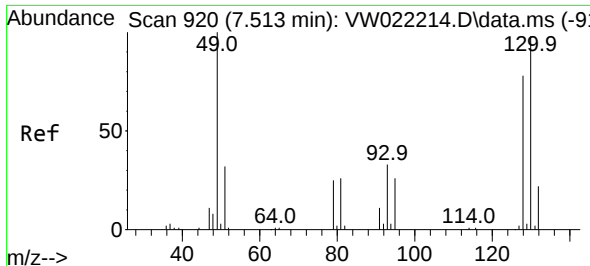
Tgt Ion: 96 Resp: 46754
 Ion Ratio Lower Upper
 96 100
 61 116.4 76.8 142.6
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 46.408 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

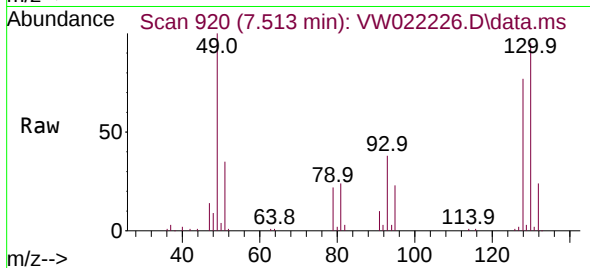
Tgt Ion: 43 Resp: 19189
 Ion Ratio Lower Upper
 43 100
 72 31.9 17.0 51.0



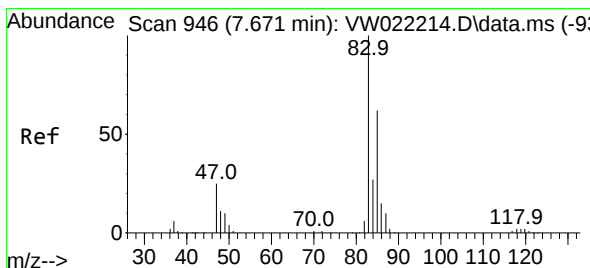
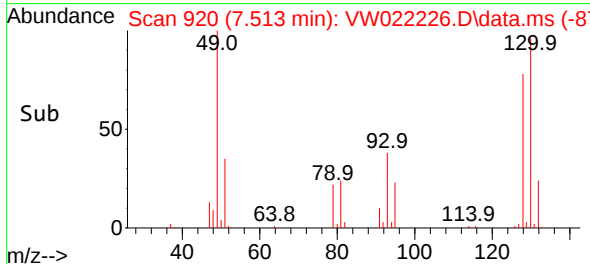
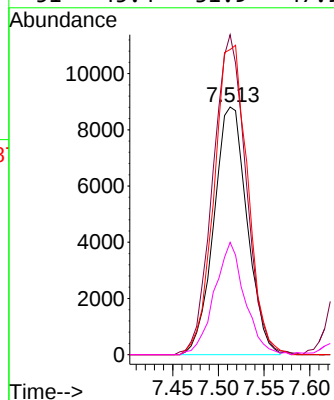


#23
Bromochloromethane
Concen: 23.148 ug/L
RT: 7.513 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Instrument :
MSVOA_W
ClientSampleId :

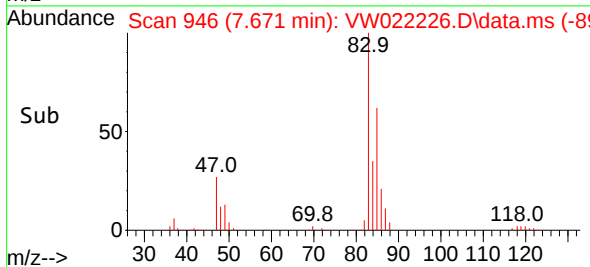
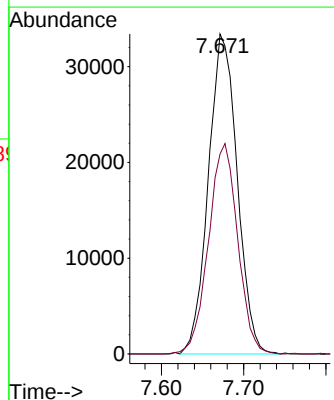
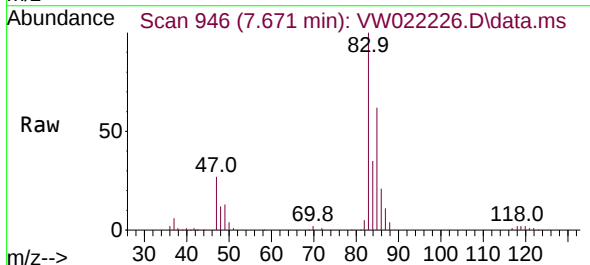


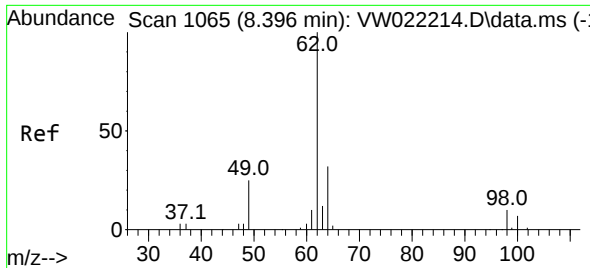
Tgt Ion:	128	Resp:	22335
Ion	Ratio	Lower	Upper
128	100		
49	129.2	84.2	156.4
130	123.2	84.8	157.4
51	45.4	31.9	47.9



#25
Chloroform
Concen: 23.629 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion:	83	Resp:	81385
Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.1	83.9

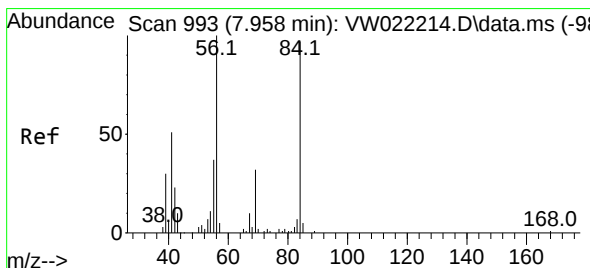
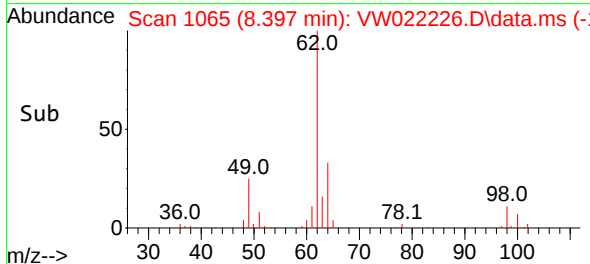
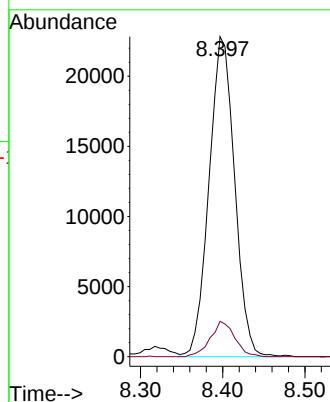
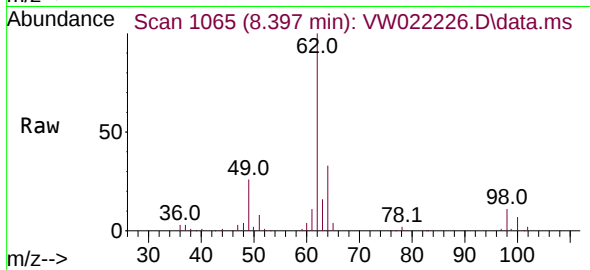




#27
1,2-Dichloroethane
Concen: 23.278 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

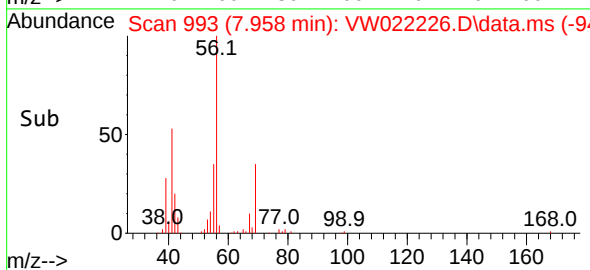
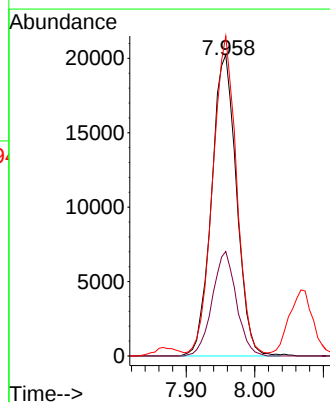
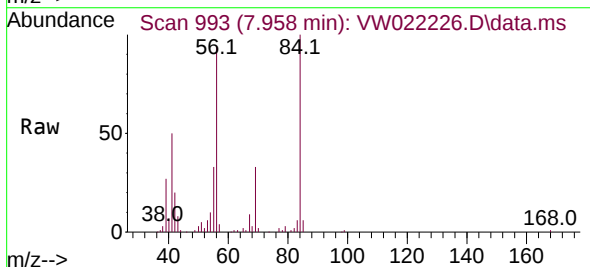
Instrument :
MSVOA_W
ClientSampleId :

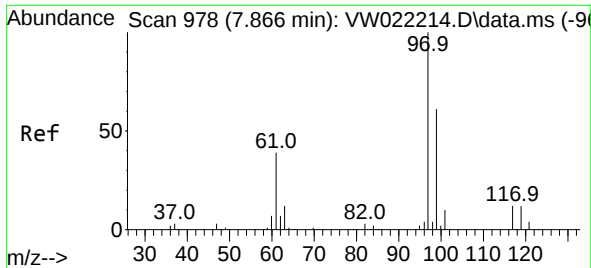
Tgt Ion: 62 Resp: 49382
Ion Ratio Lower Upper
62 100
98 11.0 7.9 11.9



#29
Cyclohexane
Concen: 20.437 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 56 Resp: 51180
Ion Ratio Lower Upper
56 100
69 33.4 26.3 39.5
84 102.3 81.4 122.2





#30

1,1,1-Trichloroethane

Concen: 23.081 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

ClientSampleId :

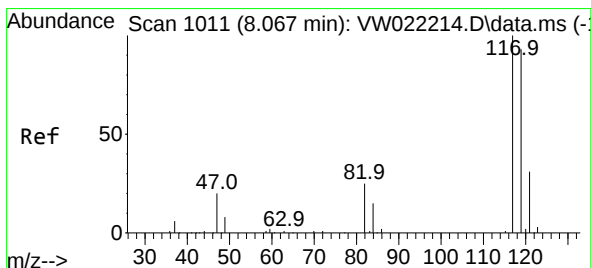
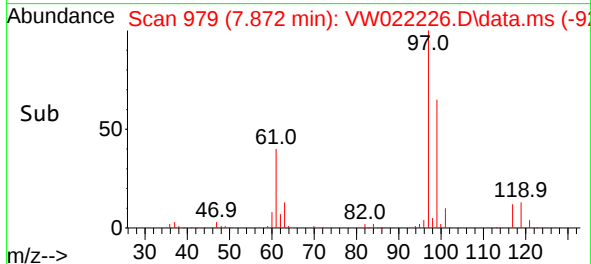
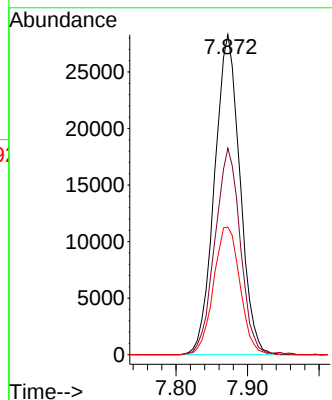
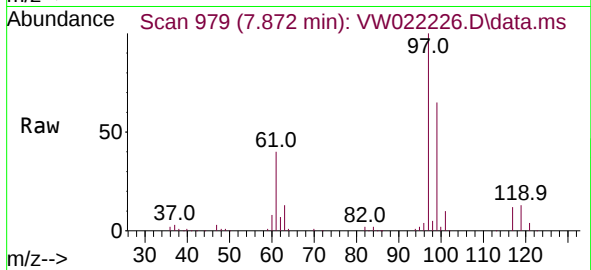
Tgt Ion: 97 Resp: 69877

Ion Ratio Lower Upper

97 100

99 64.3 52.6 78.8

61 41.6 33.0 49.6



#31

Carbon tetrachloride

Concen: 22.853 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW022226.D

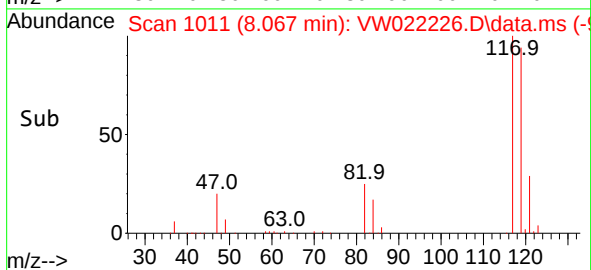
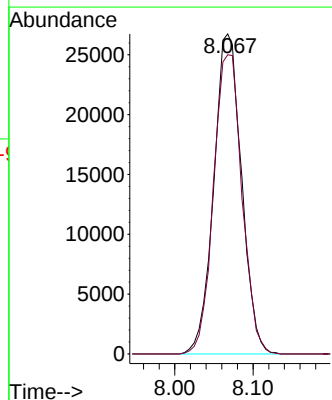
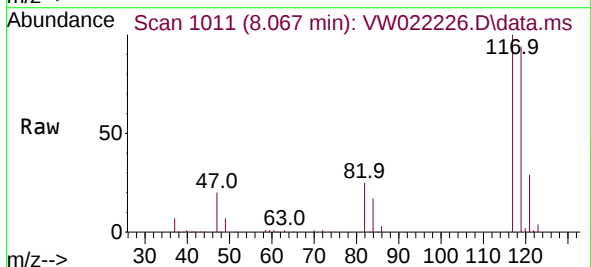
Acq: 08 Mar 2022 14:25

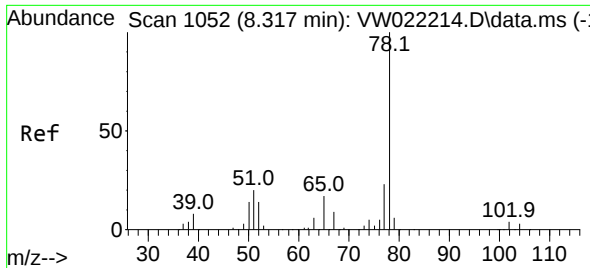
Tgt Ion: 117 Resp: 65755

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

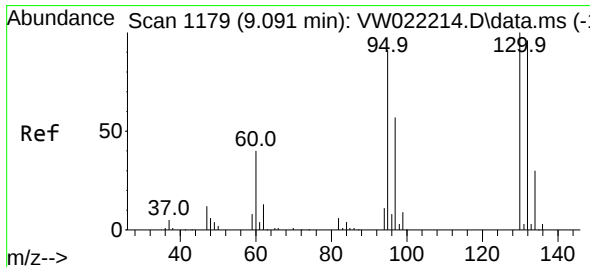
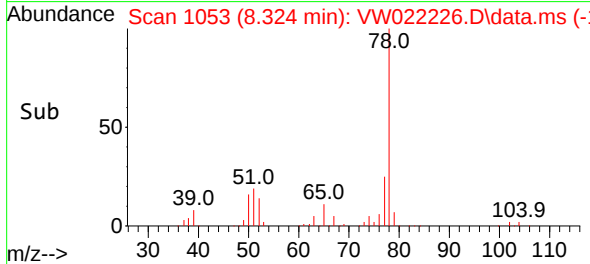
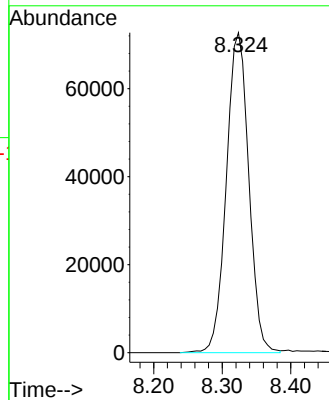
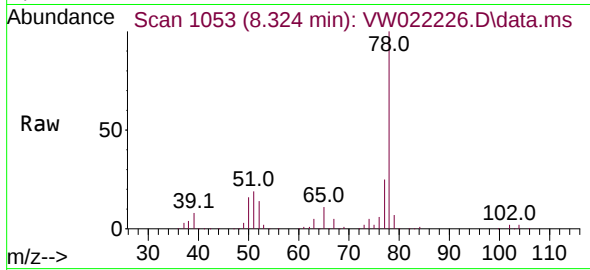




#33
Benzene
Concen: 22.693 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Instrument :
MSVOA_W
ClientSampleId :

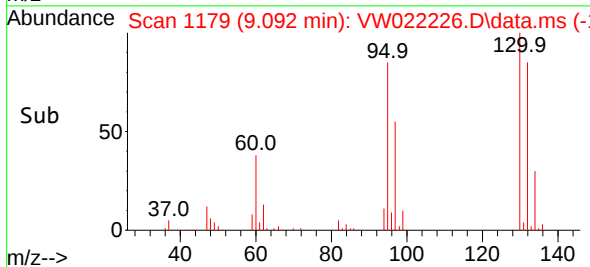
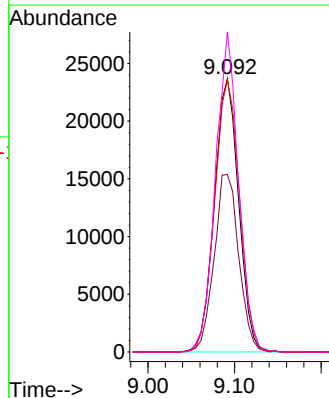
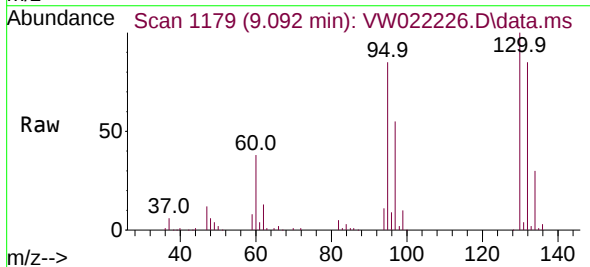
Tgt Ion: 78 Resp: 165103

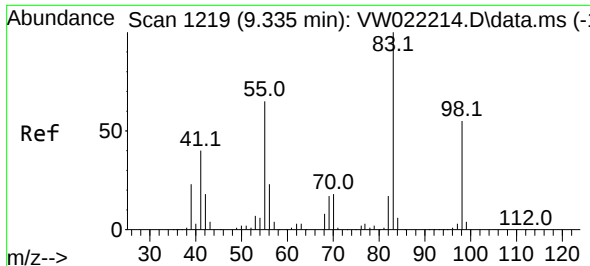


#34
Trichloroethene
Concen: 22.173 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 95 Resp: 46188

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.4	82.4
132	99.5	71.7	133.1
130	117.0	71.7	133.1





#35

Methylcyclohexane

Concen: 20.572 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

ClientSampleId :

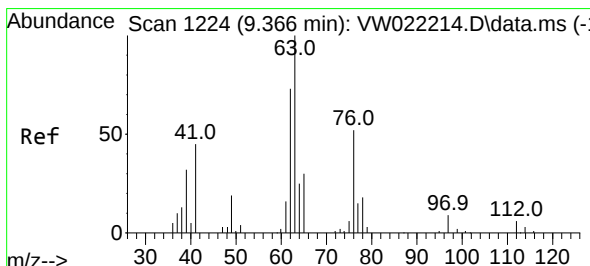
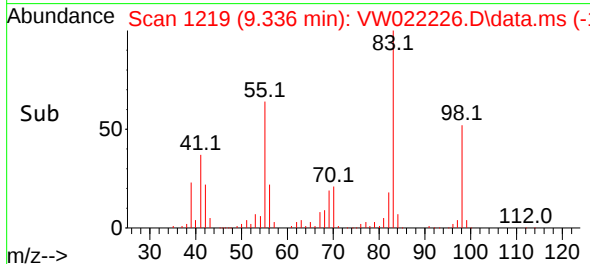
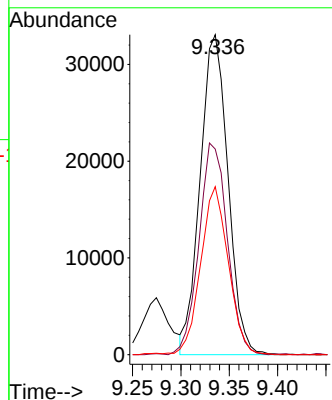
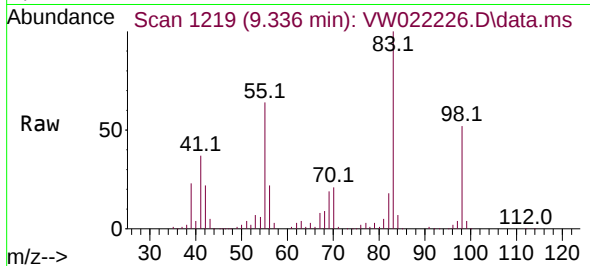
Tgt Ion: 83 Resp: 66283

Ion Ratio Lower Upper

83 100

55 67.4 53.8 80.8

98 52.1 42.1 63.1



#37

1,2-Dichloropropane

Concen: 23.645 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW022226.D

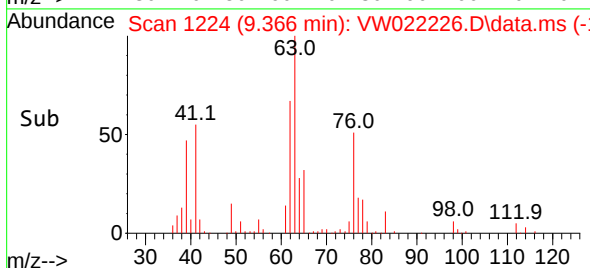
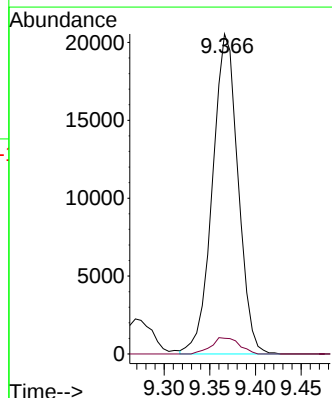
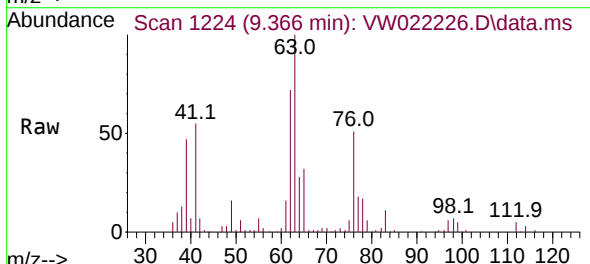
Acq: 08 Mar 2022 14:25

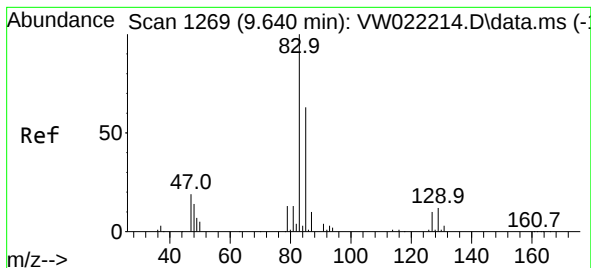
Tgt Ion: 63 Resp: 40132

Ion Ratio Lower Upper

63 100

112 5.5 4.1 6.1





#38

Bromodichloromethane

Concen: 24.300 ug/L

RT: 9.646 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VW022226.D

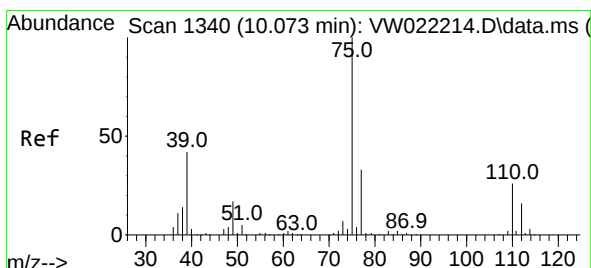
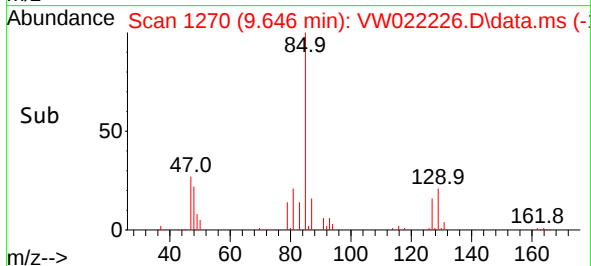
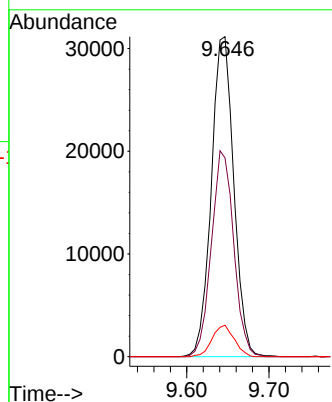
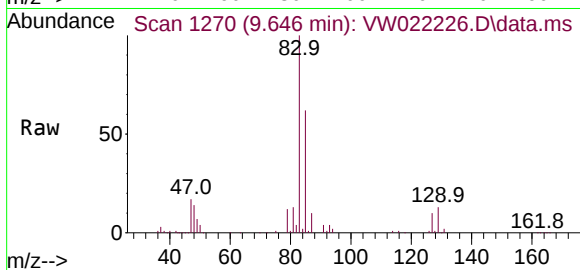
Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	59147
Ion Ratio	Lower	Upper	
83	100		
85	62.1	47.9	89.1
127	9.9	7.5	11.3



#39

cis-1,3-Dichloropropene

Concen: 23.826 ug/L

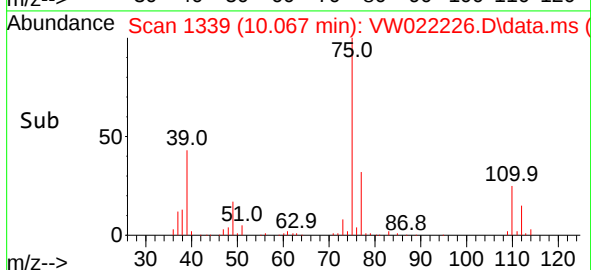
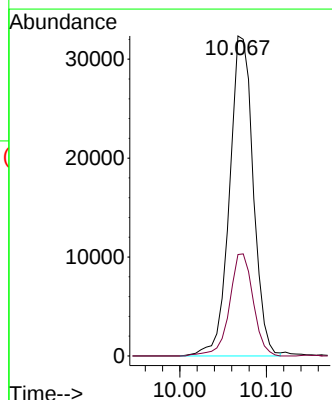
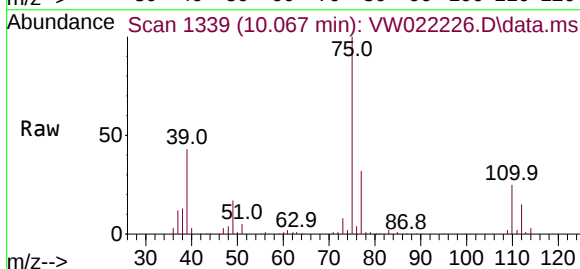
RT: 10.067 min Scan# 1339

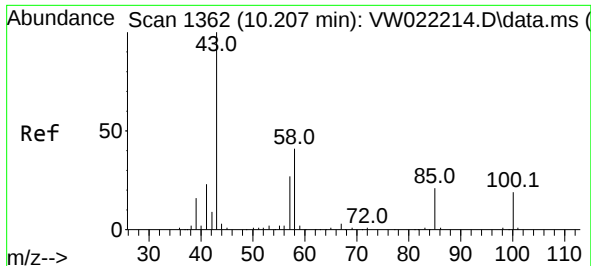
Delta R.T. -0.006 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Tgt Ion:	75	Resp:	61469
Ion Ratio	Lower	Upper	
75	100		
77	31.7	20.6	38.2

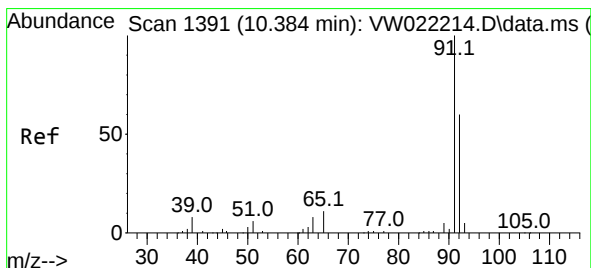
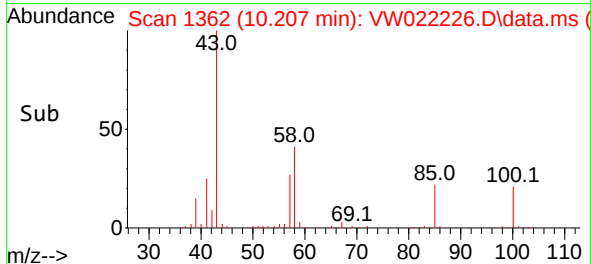
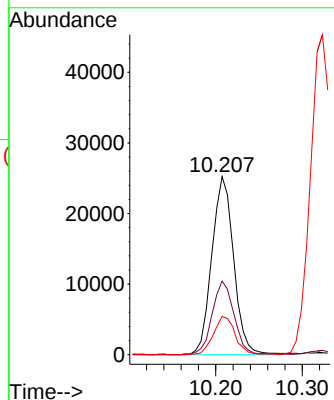
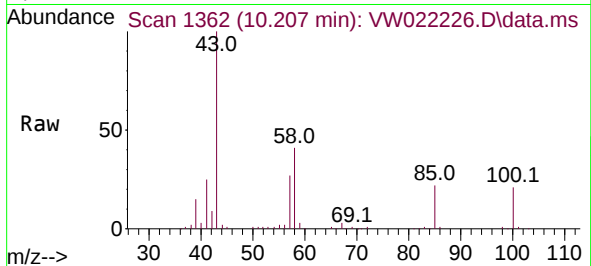




#40
4-Methyl-2-pentanone
Concen: 48.253 ug/L
RT: 10.207 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

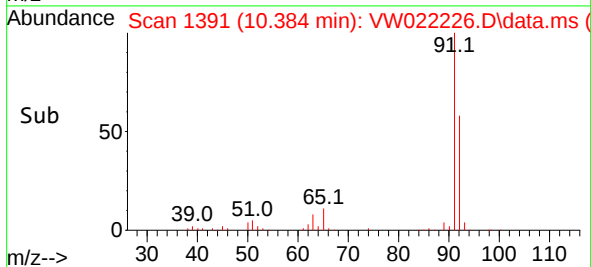
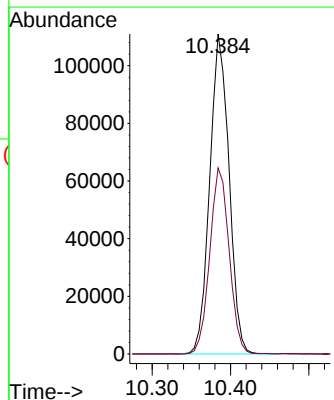
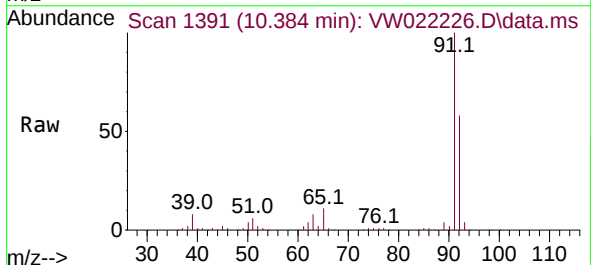
Instrument :
MSVOA_W
ClientSampleId :

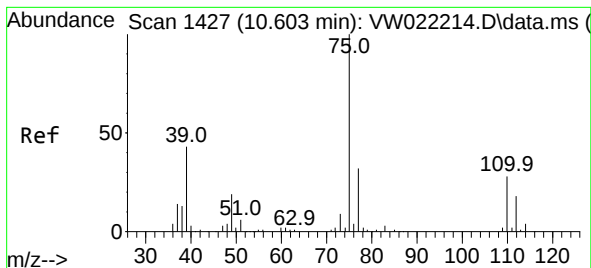
Tgt Ion: 43 Resp: 44228
Ion Ratio Lower Upper
43 100
58 41.1 33.2 49.8
100 21.3 16.1 24.1



#42
Toluene
Concen: 23.049 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 91 Resp: 189790
Ion Ratio Lower Upper
91 100
92 58.2 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 23.869 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

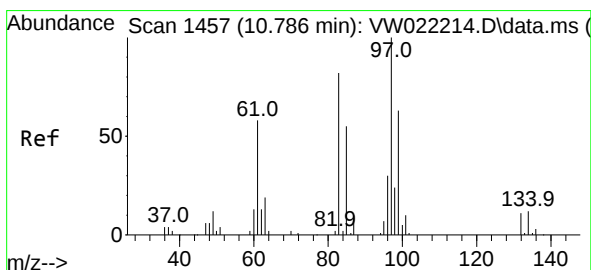
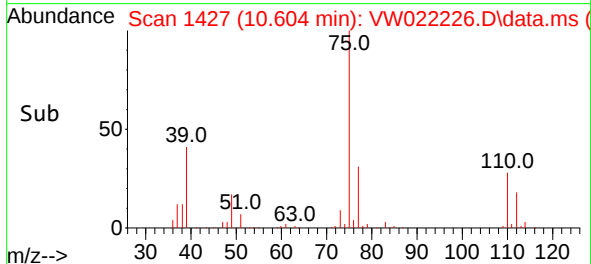
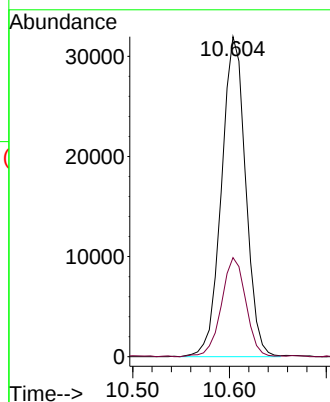
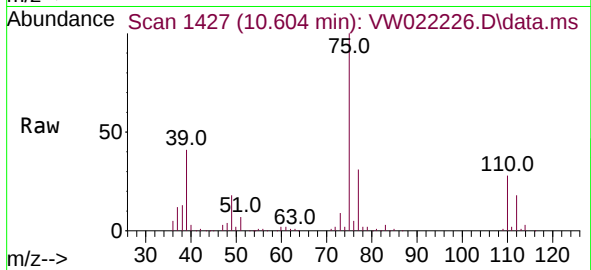
ClientSampleId :

Tgt Ion: 75 Resp: 55338

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 23.180 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Tgt Ion: 97 Resp: 34888

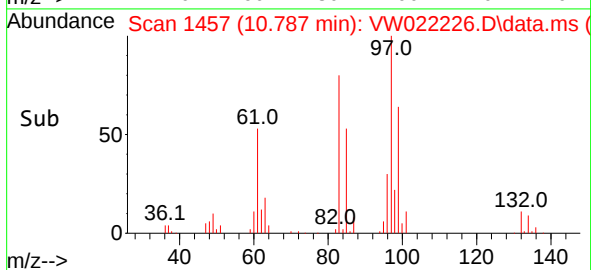
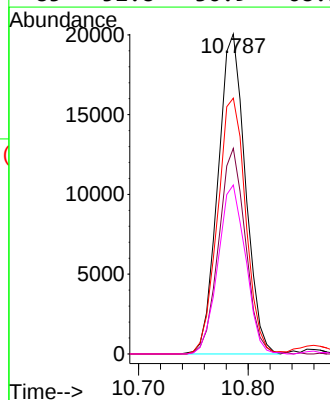
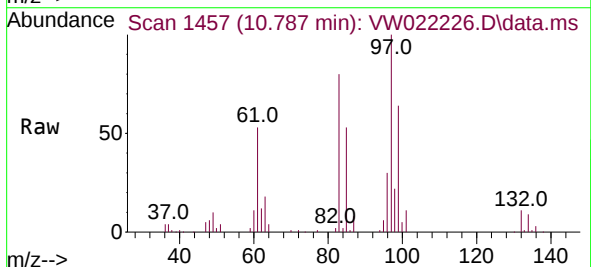
Ion Ratio Lower Upper

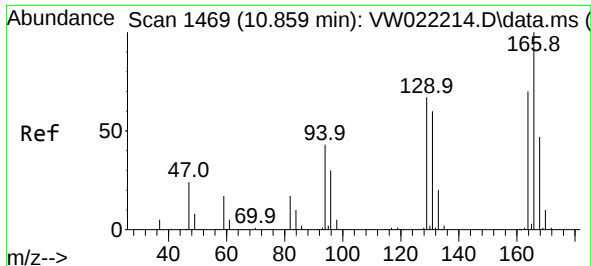
97 100

99 64.3 43.5 80.7

83 79.9 53.5 99.3

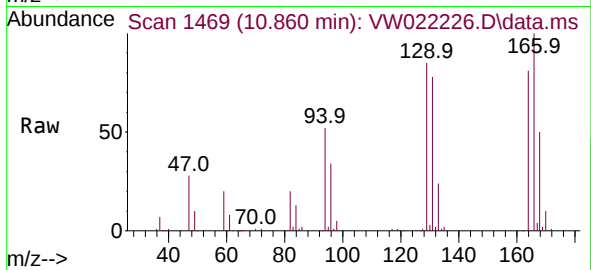
85 52.8 36.9 68.5



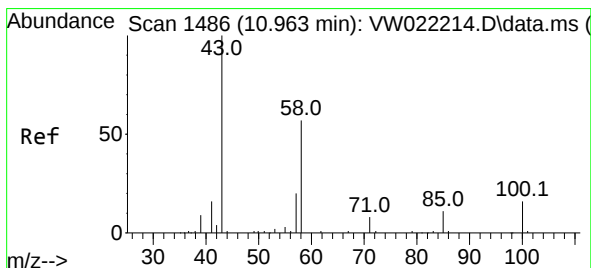
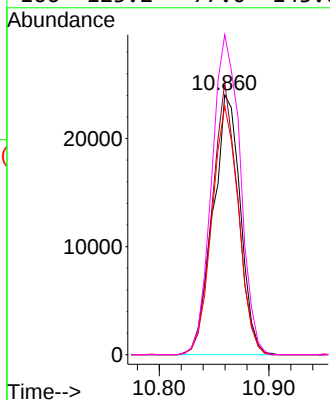
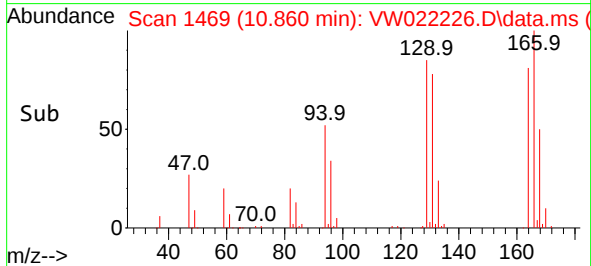


#46
Tetrachloroethene
Concen: 22.919 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

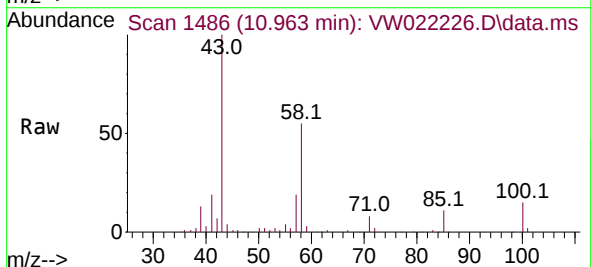
Instrument :
MSVOA_W
ClientSampleId :



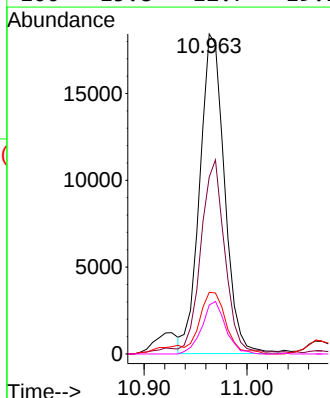
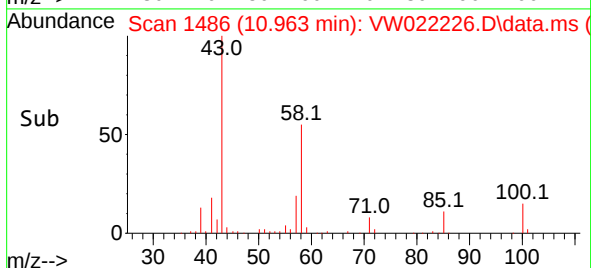
Tgt Ion:164 Resp: 41822
Ion Ratio Lower Upper
164 100
129 104.9 60.3 111.9
131 95.7 59.9 111.3
166 123.2 77.0 143.0

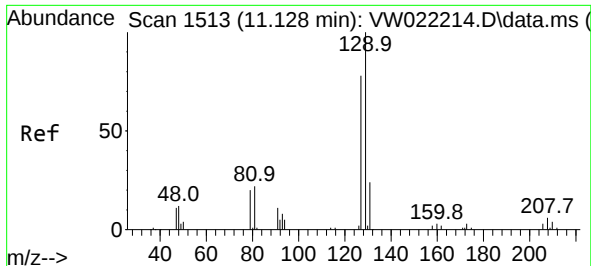


#48
2-Hexanone
Concen: 48.512 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25



Tgt Ion: 43 Resp: 30862
Ion Ratio Lower Upper
43 100
58 57.7 44.6 66.8
57 18.5 15.8 23.8
100 15.8 12.7 19.1





#49

Dibromochloromethane

Concen: 24.058 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

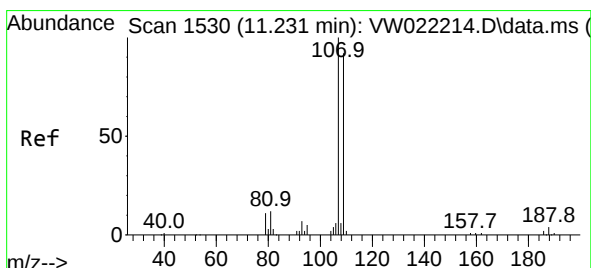
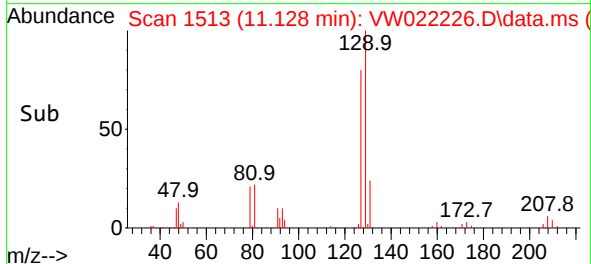
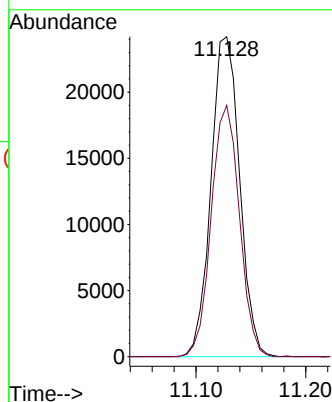
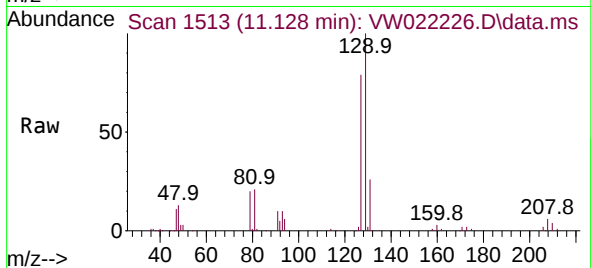
ClientSampleId :

Tgt Ion:129 Resp: 43982

Ion Ratio Lower Upper

129 100

127 78.5 54.5 101.1



#50

1,2-Dibromoethane

Concen: 22.897 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

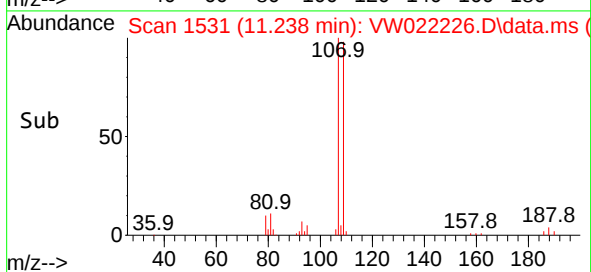
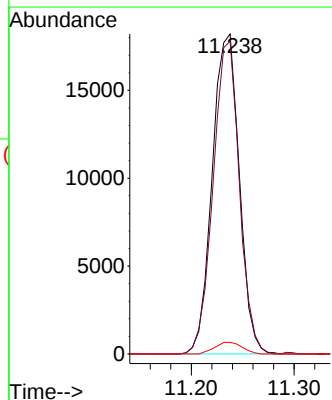
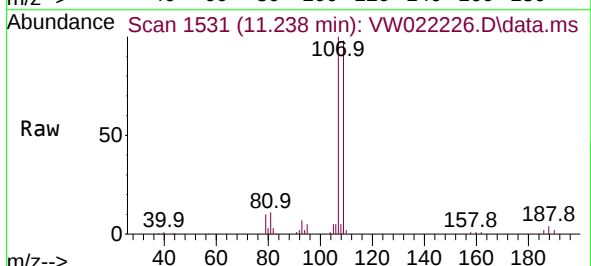
Tgt Ion:107 Resp: 33240

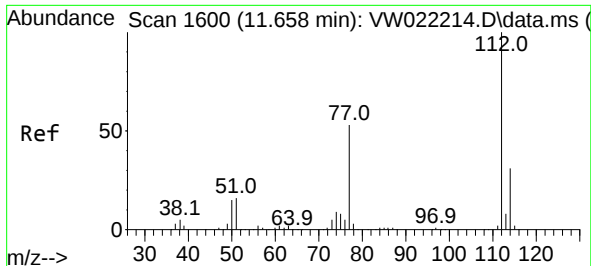
Ion Ratio Lower Upper

107 100

109 97.8 66.8 124.2

188 3.6 2.6 4.0

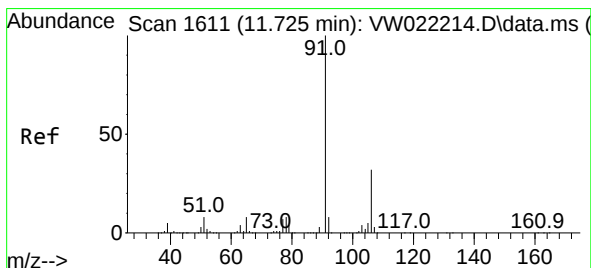
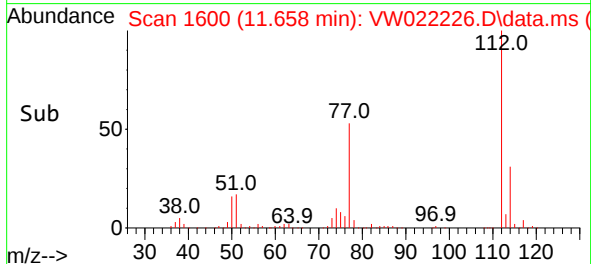
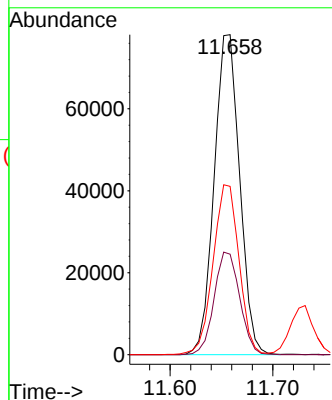
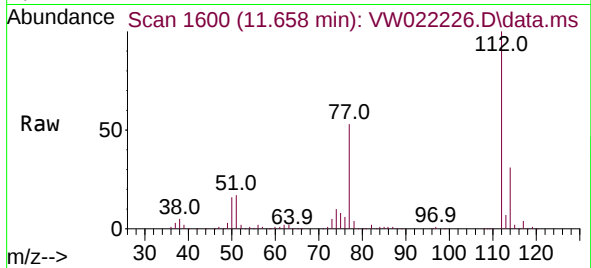




#51
Chlorobenzene
Concen: 23.477 ug/L
RT: 11.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

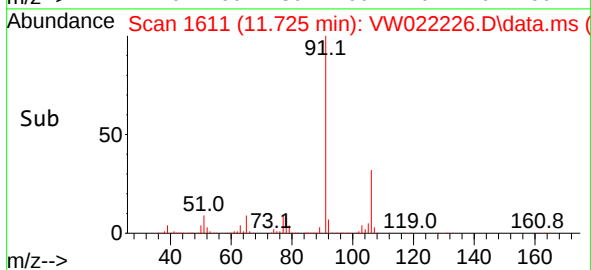
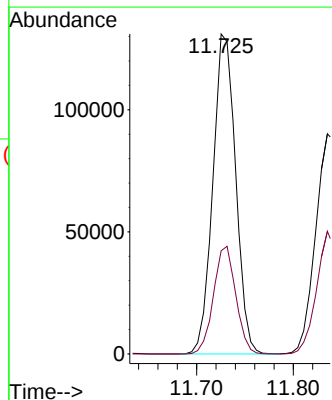
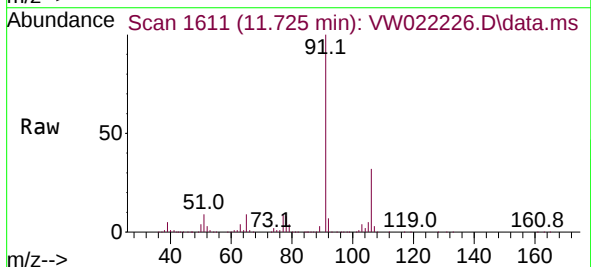
Instrument :
MSVOA_W
ClientSampleId :

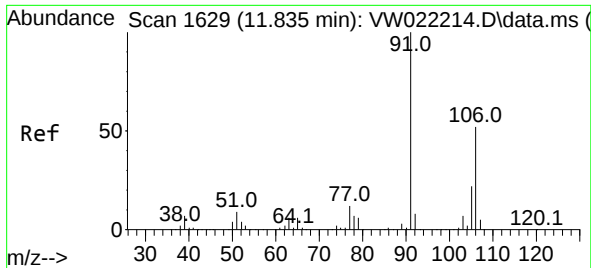
Tgt Ion:112 Resp: 134537
Ion Ratio Lower Upper
112 100
114 31.4 23.0 42.8
77 52.6 41.8 62.6



#52
Ethylbenzene
Concen: 23.558 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 91 Resp: 214687
Ion Ratio Lower Upper
91 100
106 32.3 22.8 42.4

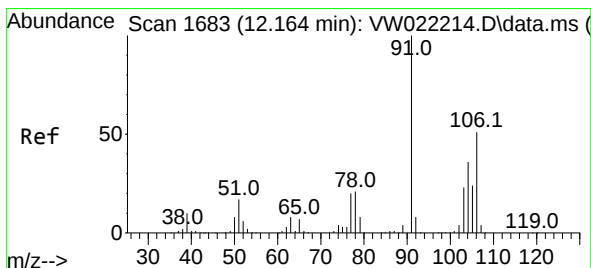
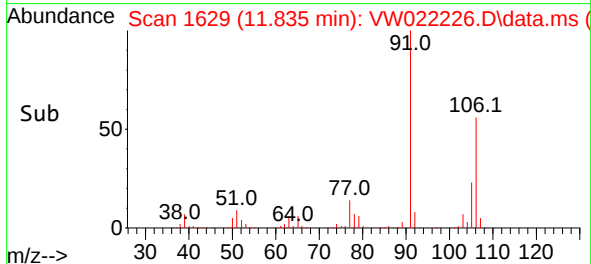
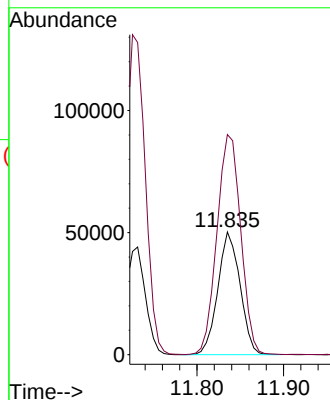
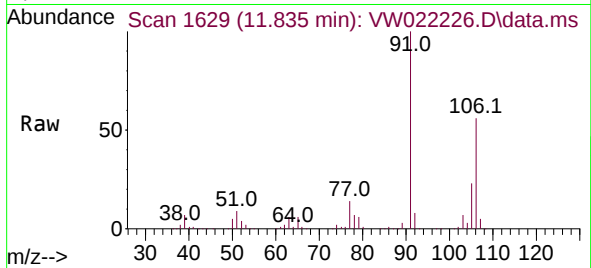




#53
m,p-Xylene
Concen: 23.850 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

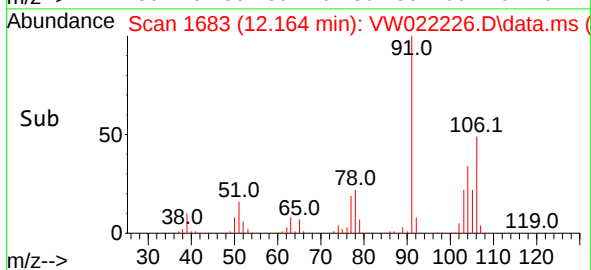
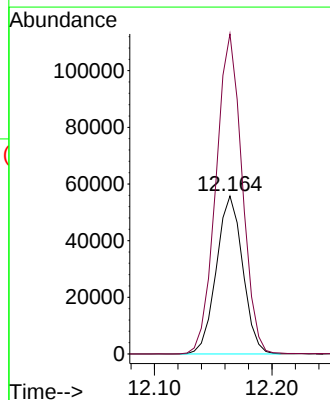
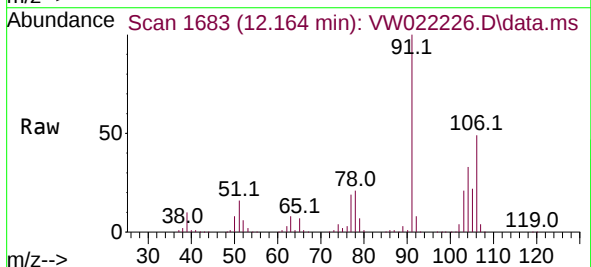
Instrument :
MSVOA_W
ClientSampleId :

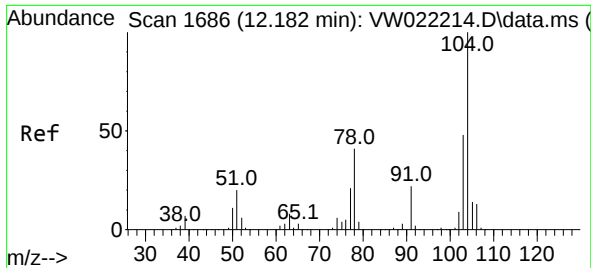
Tgt Ion:106 Resp: 89435
Ion Ratio Lower Upper
106 100
91 179.3 135.0 250.8



#54
o-Xylene
Concen: 24.624 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion:106 Resp: 86881
Ion Ratio Lower Upper
106 100
91 202.6 136.9 254.3

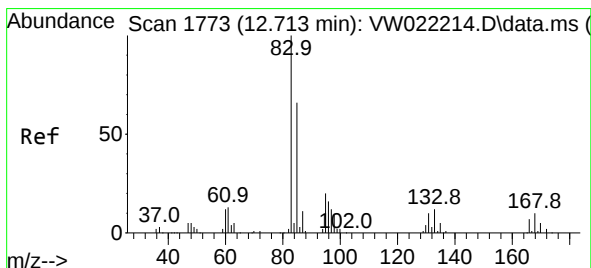
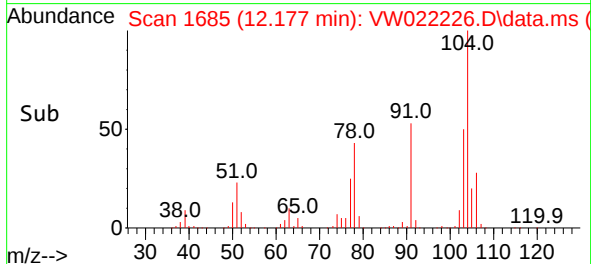
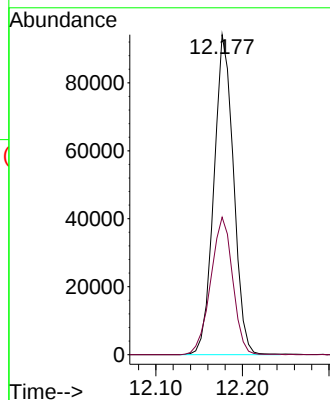
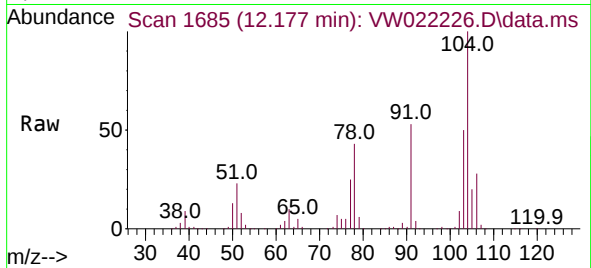




#55
Styrene
Concen: 25.116 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

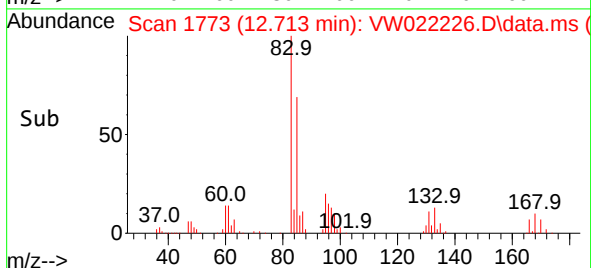
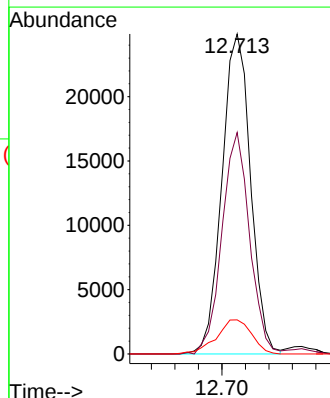
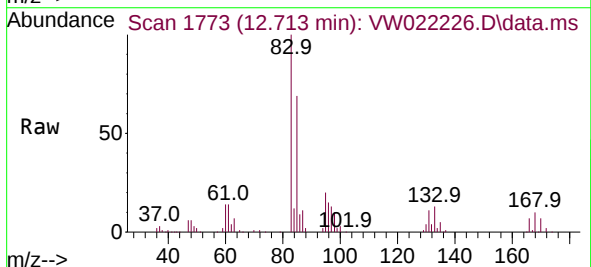
Instrument :
MSVOA_W
ClientSampleId :

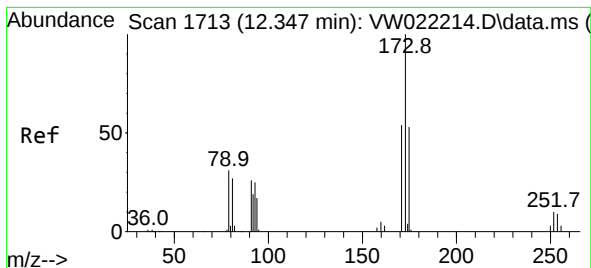
Tgt Ion:104 Resp: 148560
Ion Ratio Lower Upper
104 100
78 43.0 27.8 51.6



#57
1,1,2,2-Tetrachloroethane
Concen: 24.064 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 83 Resp: 42023
Ion Ratio Lower Upper
83 100
85 69.2 44.2 82.0
131 10.7 9.4 14.0





#59

Bromoform

Concen: 21.452 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022226.D

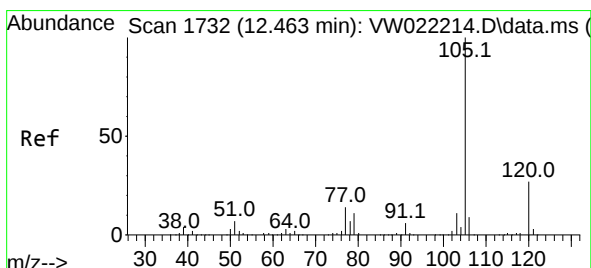
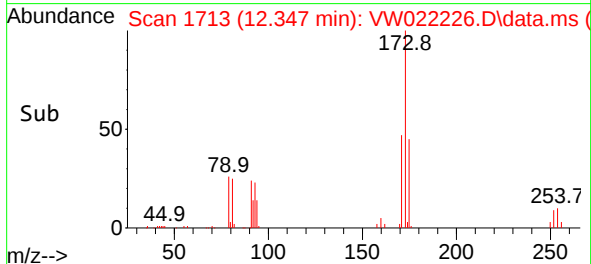
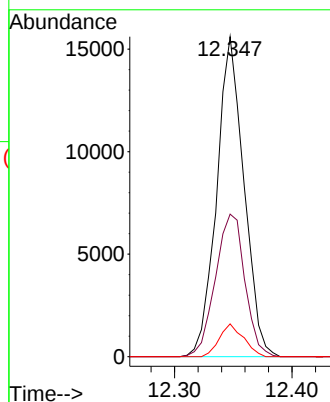
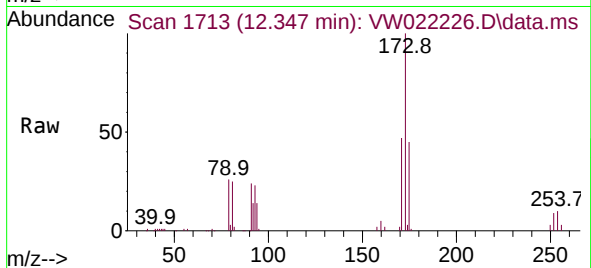
Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	25150
Ion Ratio	Lower	Upper
173	100	
175	48.2	38.2 57.4
254	9.1	5.0 7.6#



#60

Isopropylbenzene

Concen: 22.080 ug/L

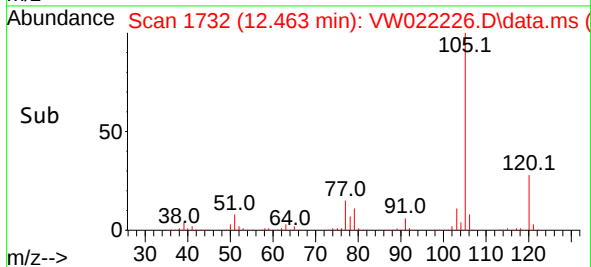
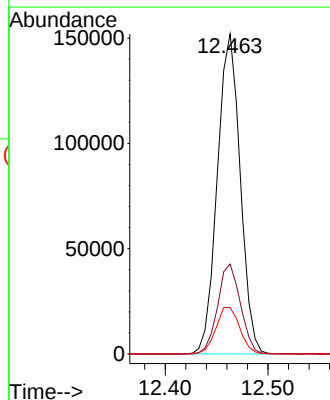
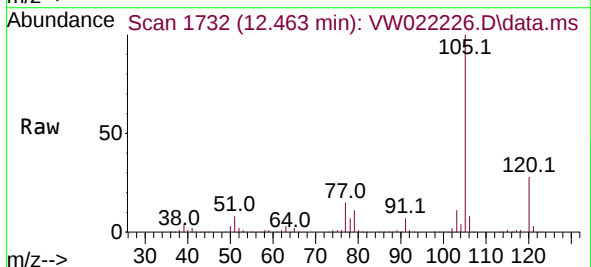
RT: 12.463 min Scan# 1732

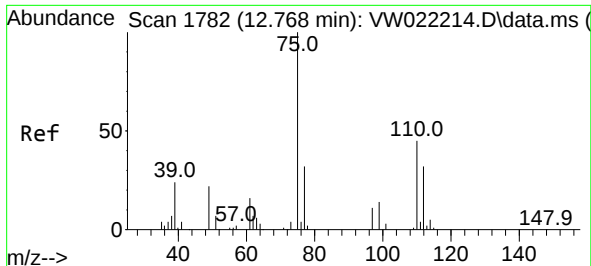
Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Tgt Ion:105	Resp:	234994
Ion Ratio	Lower	Upper
105	100	
120	28.0	22.1 33.1
77	15.2	12.0 18.0

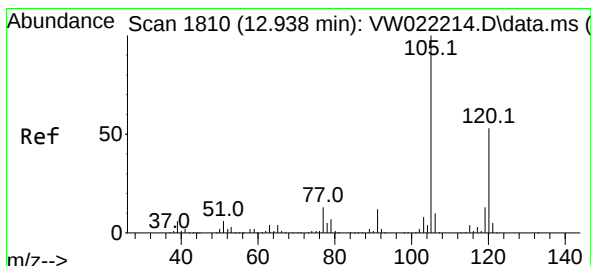
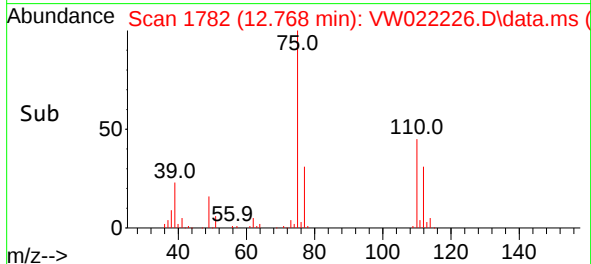
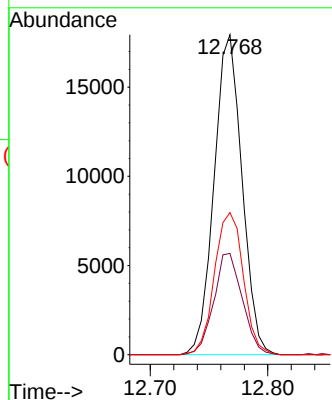
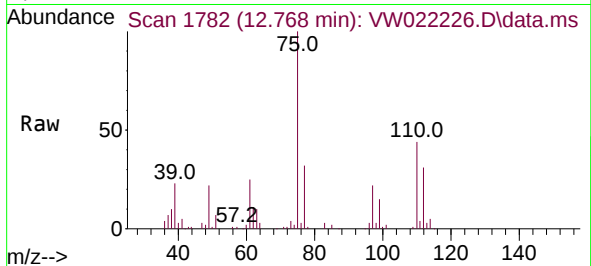




#61
1,2,3-Trichloropropane
Concen: 21.157 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

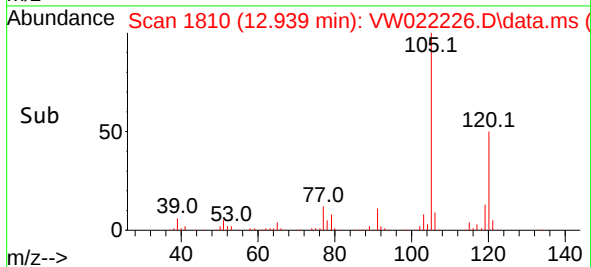
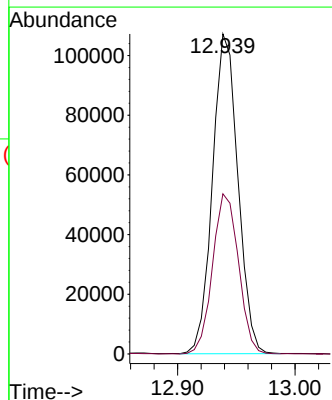
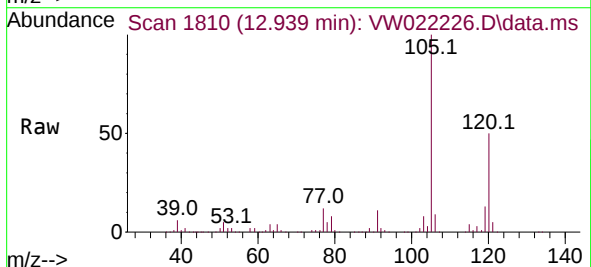
Instrument :
MSVOA_W
ClientSampleId :

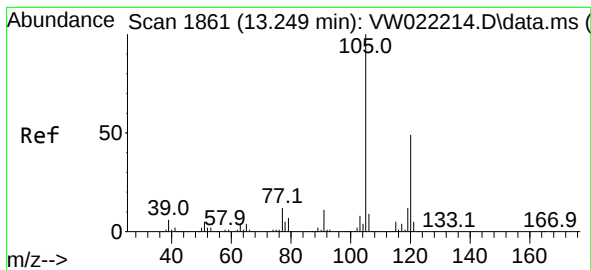
Tgt Ion: 75 Resp: 29605
Ion Ratio Lower Upper
75 100
77 32.4 27.1 40.7
110 45.9 36.7 55.1



#62
1,3,5-Trimethylbenzene
Concen: 22.785 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion: 105 Resp: 161246
Ion Ratio Lower Upper
105 100
120 51.1 41.5 62.3





#63

1,2,4-Trimethylbenzene

Concen: 22.871 ug/L

RT: 13.249 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

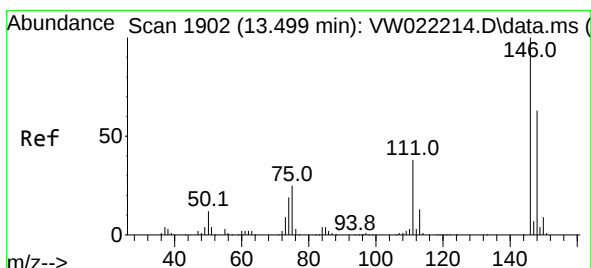
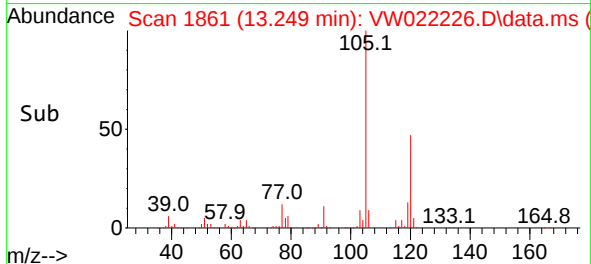
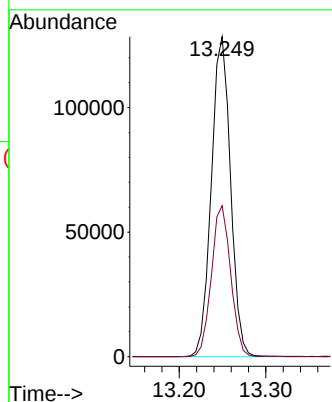
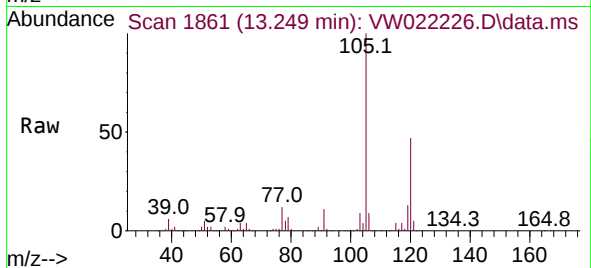
ClientSampleId :

Tgt Ion:105 Resp: 197811

Ion Ratio Lower Upper

105 100

120 47.3 39.2 58.8



#64

1,3-Dichlorobenzene

Concen: 21.133 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

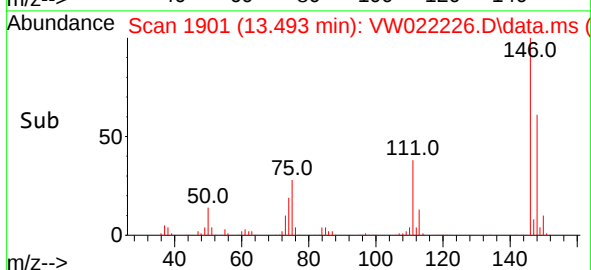
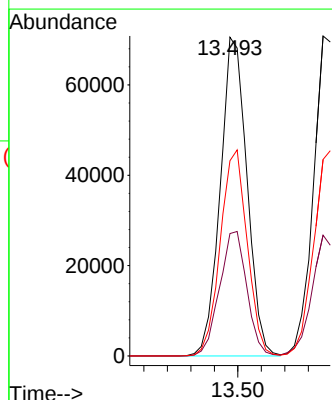
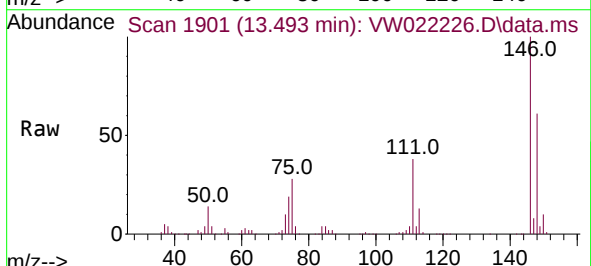
Tgt Ion:146 Resp: 111573

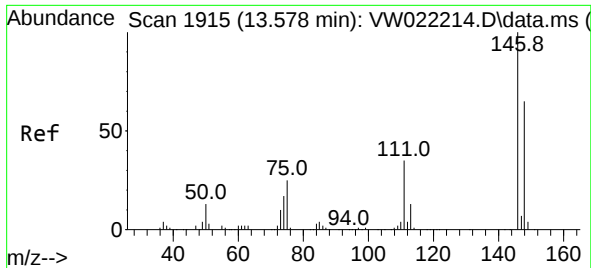
Ion Ratio Lower Upper

146 100

111 38.4 26.9 49.9

148 61.2 41.6 77.2

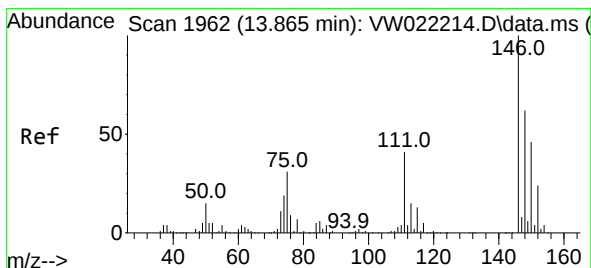
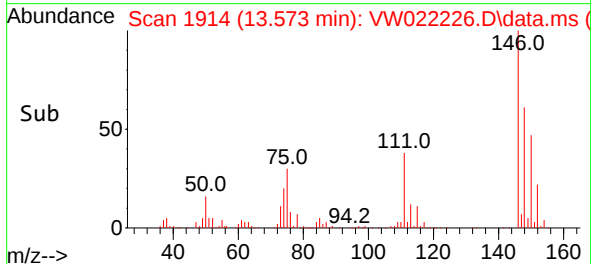
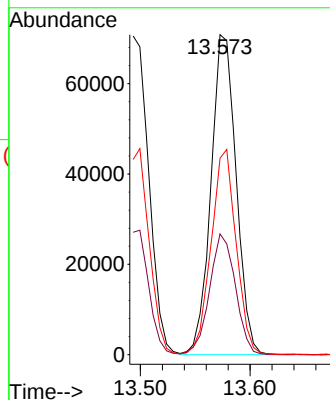
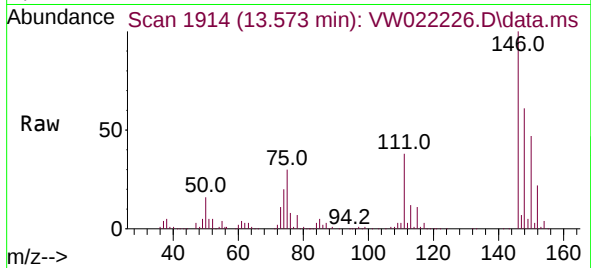




#65
1,4-Dichlorobenzene
Concen: 21.423 ug/L
RT: 13.573 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

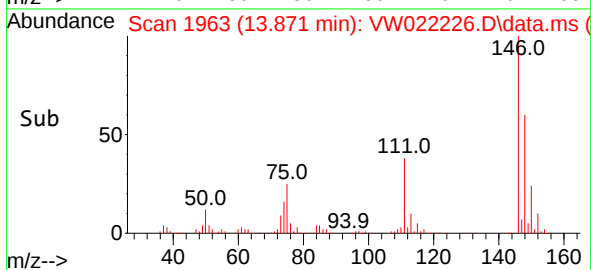
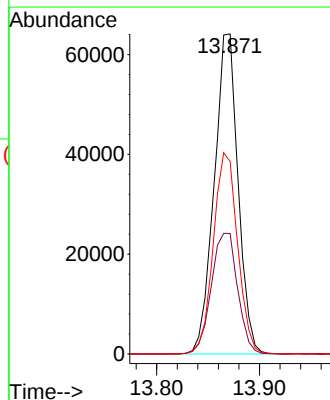
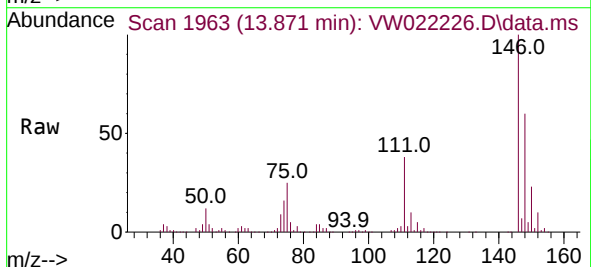
Instrument :
MSVOA_W
ClientSampleId :

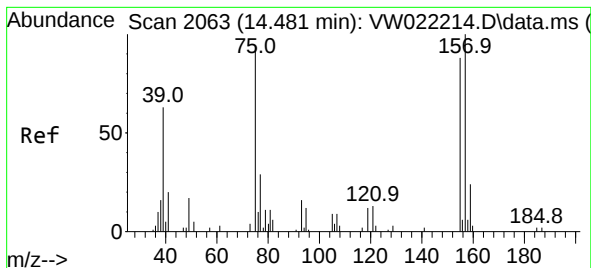
Tgt Ion:146 Resp: 113341
Ion Ratio Lower Upper
146 100
111 37.8 27.5 51.1
148 61.4 42.9 79.7



#67
1,2-Dichlorobenzene
Concen: 22.045 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

Tgt Ion:146 Resp: 103478
Ion Ratio Lower Upper
146 100
111 37.6 34.8 52.2
148 60.1 50.4 75.6





#68

1,2-Dibromo-3-chloropropane

Concen: 21.233 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Instrument :

MSVOA_W

ClientSampleId :

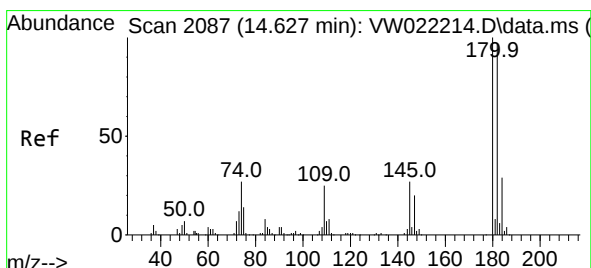
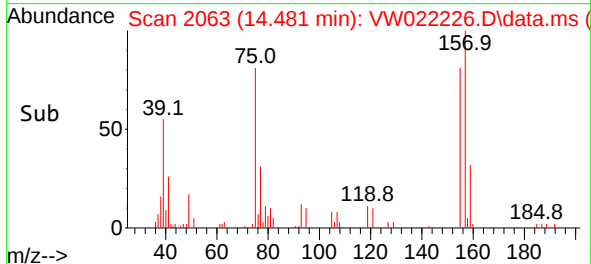
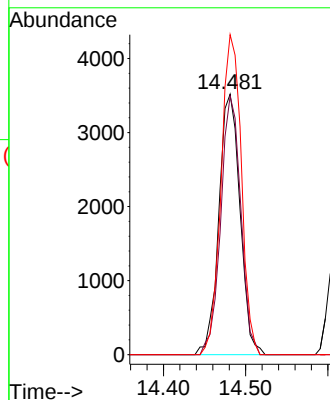
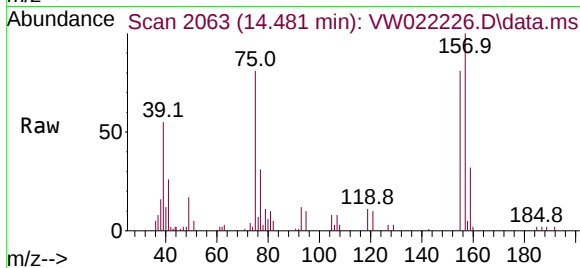
Tgt Ion: 75 Resp: 6281

Ion Ratio Lower Upper

75 100

155 99.3 58.2 87.2#

157 122.9 80.5 120.7#



#69

1,3,5-Trichlorobenzene

Concen: 21.472 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW022226.D

Acq: 08 Mar 2022 14:25

Tgt Ion:180 Resp: 81366

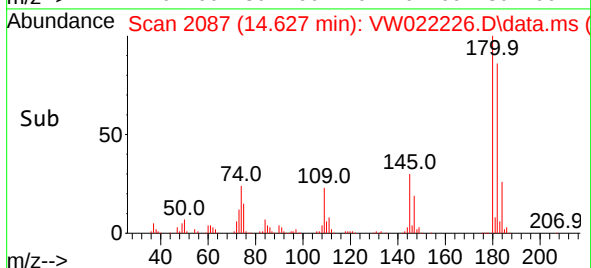
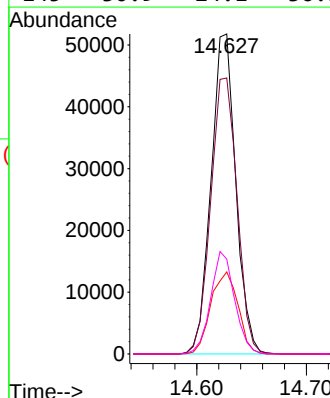
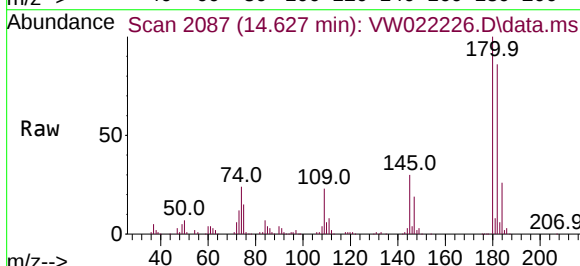
Ion Ratio Lower Upper

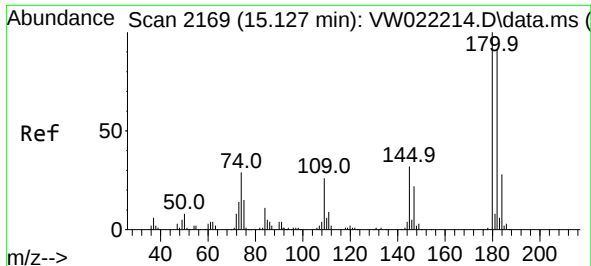
180 100

182 91.6 69.4 104.0

184 28.1 21.8 32.8

145 30.9 24.1 36.1

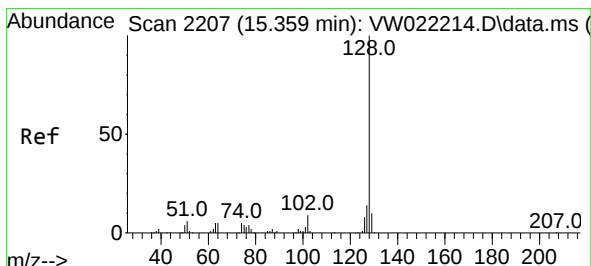
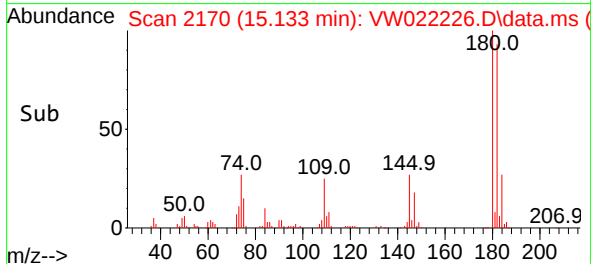
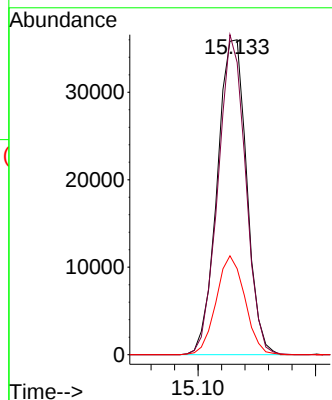
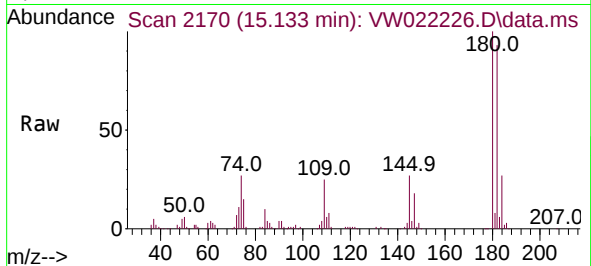




#70
1,2,4-trichlorobenzene
Concen: 21.853 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

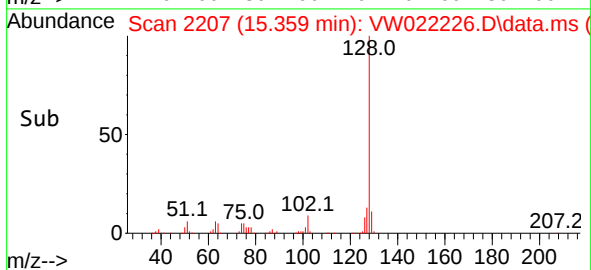
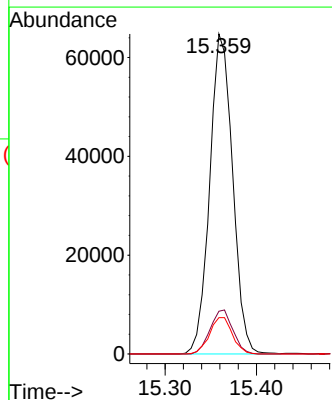
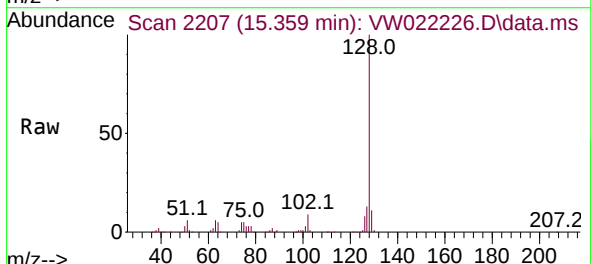
Instrument :
MSVOA_W
ClientSampleId :

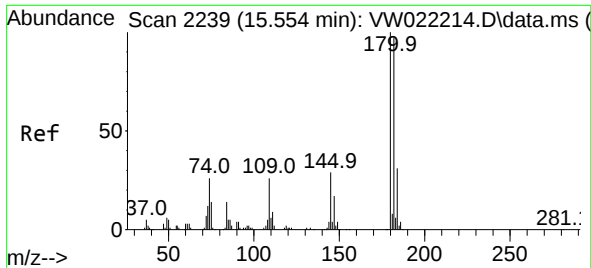
Tgt Ion:180 Resp: 62656
Ion Ratio Lower Upper
180 100
182 94.7 77.8 116.6
145 30.6 25.8 38.6



#71
Naphthalene
Concen: 22.268 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW022226.D
Acq: 08 Mar 2022 14:25

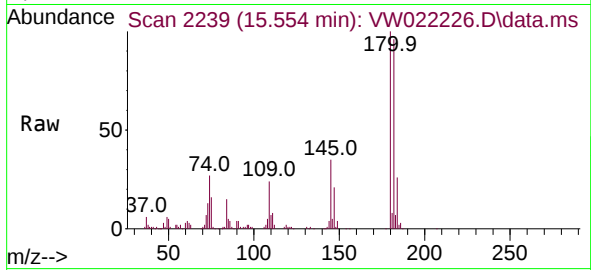
Tgt Ion:128 Resp: 112708
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.6
129 11.4 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 22.269 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW022226.D
 Acq: 08 Mar 2022 14:25

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	55227
Ion Ratio	Lower	Upper	
180	100		
182	94.0	79.0	118.4
145	33.9	28.0	42.0

