

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031422\
 Data File : VW022319.D
 Acq On : 14 Mar 2022 14:47
 Operator : SY/VA
 Sample : N1820-05MSD
 Misc : 8.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRZ5MSD

Quant Time: Mar 15 01:06:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 15 01:03:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	153794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	142826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44916	22.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
7) Chloroethane-d5	2.879	69	32371	20.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	4.019	63	54626	17.783	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.120%
21) 2-Butanone-d5	7.080	46	19742	58.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.060%
24) Chloroform-d	7.647	84	77869	22.693	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.305	65	40639	22.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.120%
32) Benzene-d6	8.275	84	139719	21.019	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.080%
36) 1,2-Dichloropropane-d6	9.275	67	41405	22.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.720%
41) Toluene-d8	10.323	98	134546	20.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.579	79	18062	22.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.921	63	16665	54.889	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43160	26.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	58227	22.884	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	7304	16.993	ug/L	96
3) Chloromethane	2.209	50	27557	18.710	ug/L	97
5) Vinyl chloride	2.355	62	41391	18.704	ug/L	98
6) Bromomethane	2.770	94	24766	16.024	ug/L	92
8) Chloroethane	2.916	64	22001	17.698	ug/L	97
9) Trichlorofluoromethane	3.251	101	23411	15.582	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	34569	18.859	ug/L	98
12) 1,1-Dichloroethene	4.032	96	27618	17.384	ug/L #	85
13) Acetone	4.123	43	16897	61.340	ug/L	98
14) Carbon disulfide	4.379	76	56685	13.762	ug/L	99
15) Methyl Acetate	4.672	43	12614	20.340	ug/L	98
16) Methylene chloride	4.916	84	33219	17.597	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	29977	17.179	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	52338	22.046	ug/L	99
19) 1,1-Dichloroethane	6.214	63	56899	20.141	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	36567	19.345	ug/L	97
22) 2-Butanone	7.171	43	22490	56.835	ug/L	95
23) Bromochloromethane	7.513	128	17954	19.444	ug/L	90
25) Chloroform	7.671	83	67785	20.565	ug/L	97

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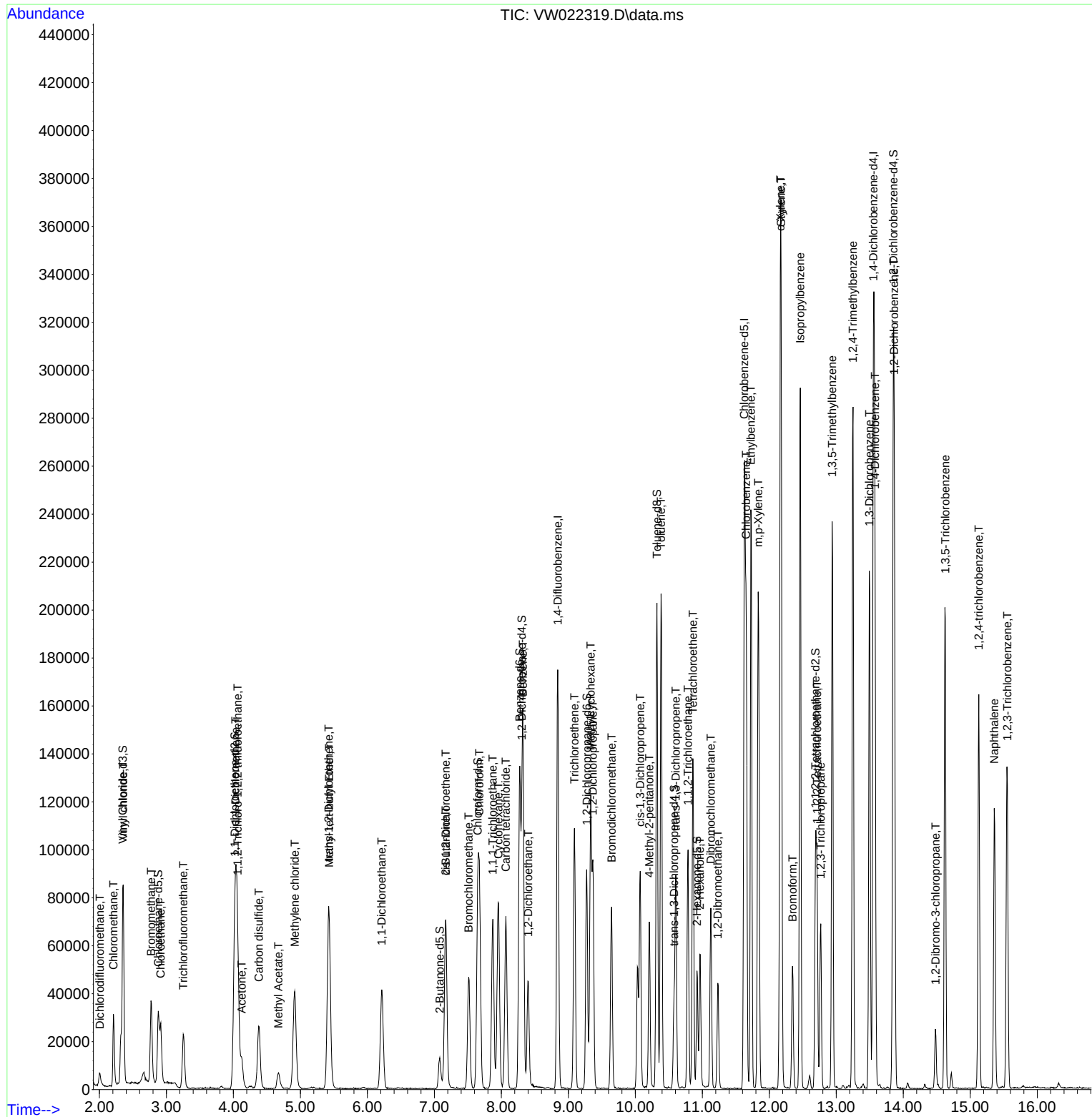
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39911	19.659	ug/L	99
29) Cyclohexane	7.958	56	39022	16.417	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	56221	19.565	ug/L	99
31) Carbon tetrachloride	8.067	117	53453	19.573	ug/L	100
33) Benzene	8.323	78	130313	18.871	ug/L	100
34) Trichloroethene	9.092	95	36911	18.669	ug/L	92
35) Methylcyclohexane	9.336	83	49509	16.189	ug/L	99
37) 1,2-Dichloropropane	9.366	63	32560	20.212	ug/L	97
38) Bromodichloromethane	9.646	83	50312	21.778	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	52041	21.252	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	41758	47.999	ug/L	99
42) Toluene	10.384	91	153671	19.662	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	47261	21.477	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	29819	20.874	ug/L	90
46) Tetrachloroethene	10.860	164	30507	17.614	ug/L	90
48) 2-Hexanone	10.963	43	34187	56.619	ug/L	97
49) Dibromochloromethane	11.128	129	39643	22.847	ug/L	94
50) 1,2-Dibromoethane	11.232	107	27957	20.290	ug/L #	97
51) Chlorobenzene	11.652	112	108250	19.902	ug/L	97
52) Ethylbenzene	11.725	91	172141	19.902	ug/L	100
53) m,p-Xylene	11.835	106	69570	19.547	ug/L	100
54) o-Xylene	12.164	106	68514	20.459	ug/L	96
55) Styrene	12.176	104	117629	20.952	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	37262	22.481	ug/L	93
59) Bromoform	12.347	173	24194	23.094	ug/L #	97
60) Isopropylbenzene	12.463	105	188175	19.788	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	26817	21.448	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	127728	20.198	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	157402	20.367	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	91844	19.469	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	93901	19.863	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	86424	20.605	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5864	22.185	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.627	180	61675	18.215	ug/L	89
70) 1,2,4-trichlorobenzene	15.127	180	49662	19.384	ug/L	99
71) Naphthalene	15.359	128	99769	22.060	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	43638	19.693	ug/L	97

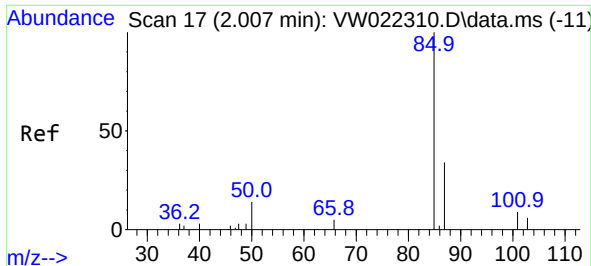
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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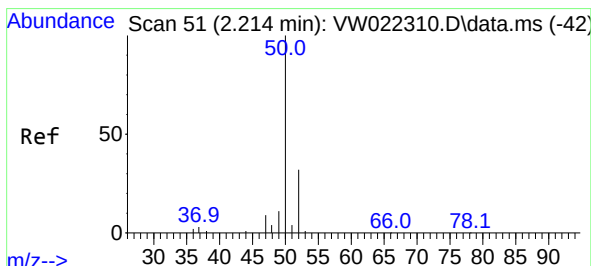
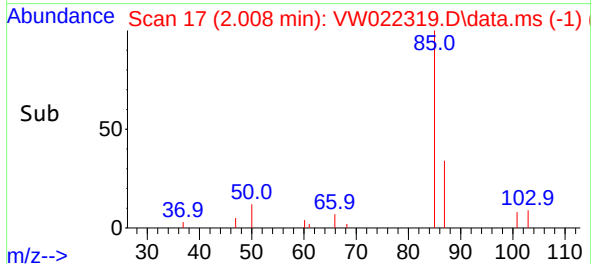
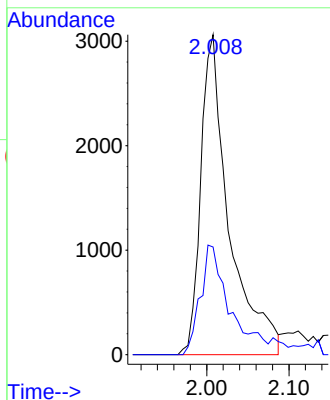
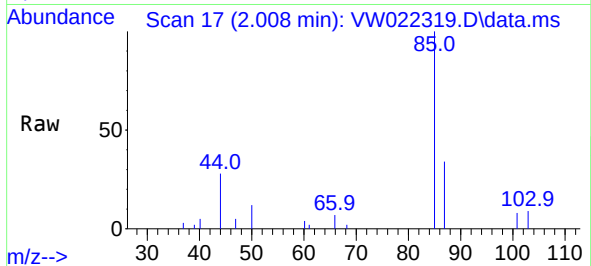




#2
Dichlorodifluoromethane
Concen: 16.993 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

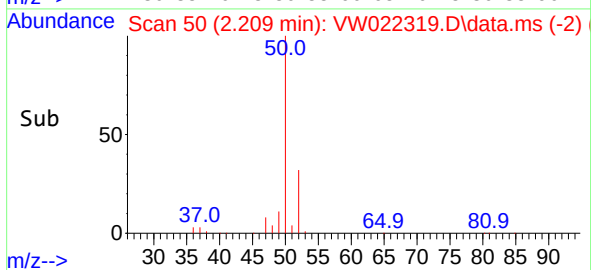
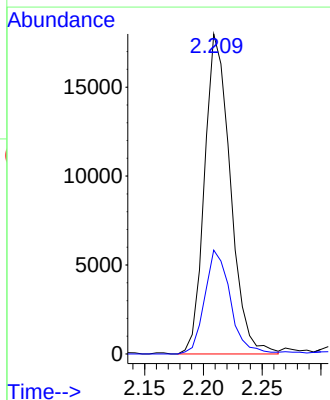
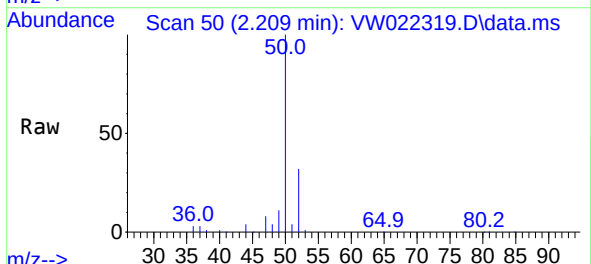
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MSVOA_W
ClientSampleId :
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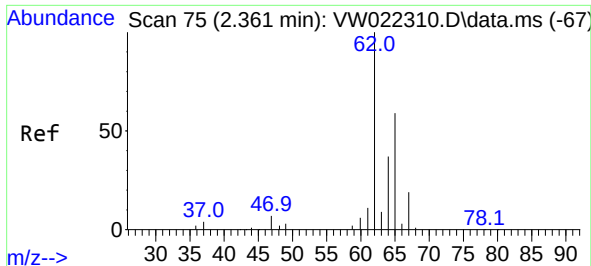
Tgt Ion: 85 Resp: 7304
Ion Ratio Lower Upper
85 100
87 32.2 27.6 41.4



#3
Chloromethane
Concen: 18.710 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 50 Resp: 27557
Ion Ratio Lower Upper
50 100
52 32.4 23.9 44.5

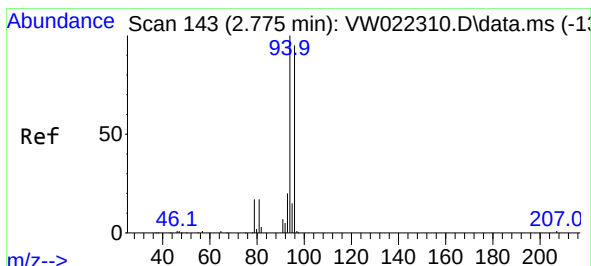
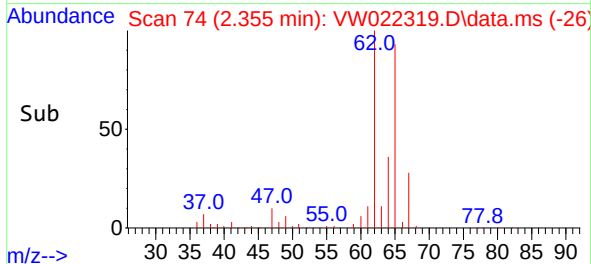
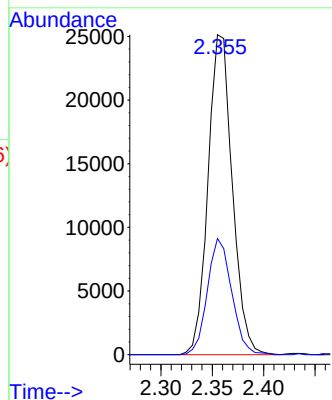
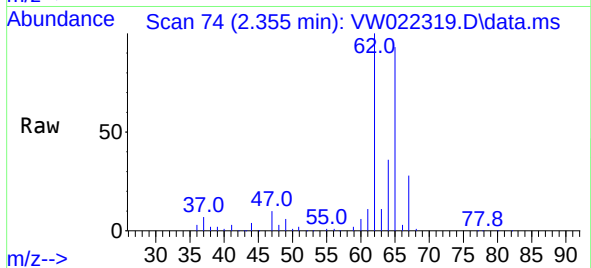




#5
 Vinyl chloride
 Concen: 18.704 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022319.D
 Acq: 14 Mar 2022 14:47

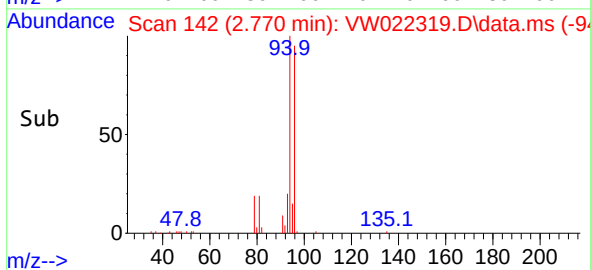
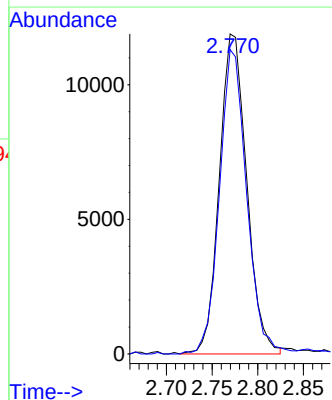
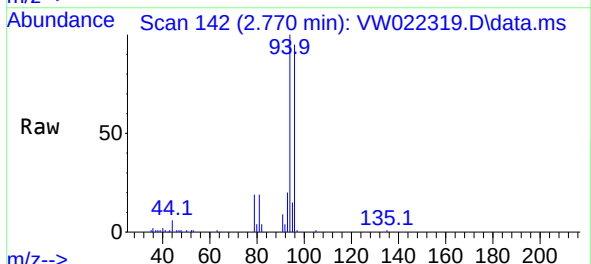
Instrument :
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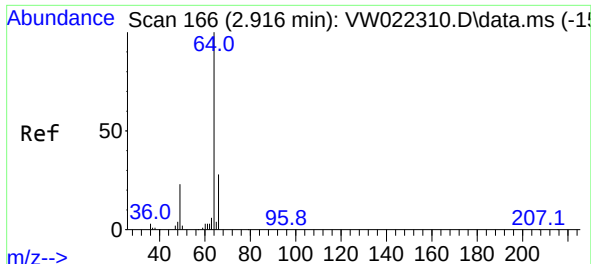
Tgt Ion: 62 Resp: 41391
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.7 45.9



#6
 Bromomethane
 Concen: 16.024 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW022319.D
 Acq: 14 Mar 2022 14:47

Tgt Ion: 94 Resp: 24766
 Ion Ratio Lower Upper
 94 100
 96 95.1 61.2 113.8

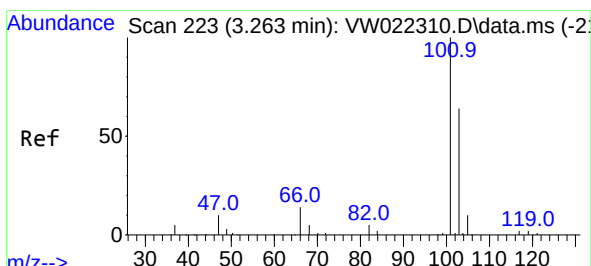
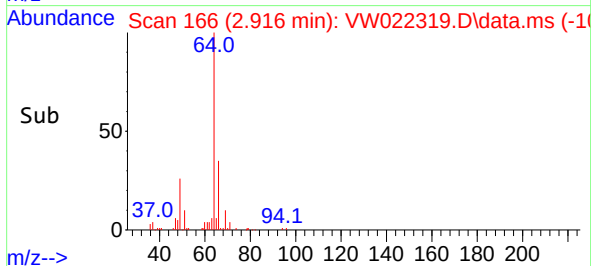
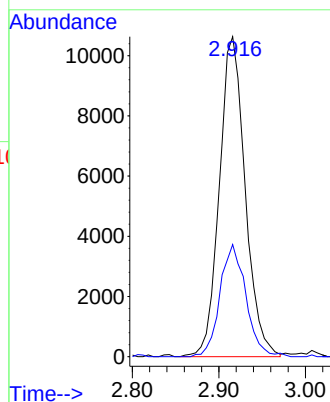
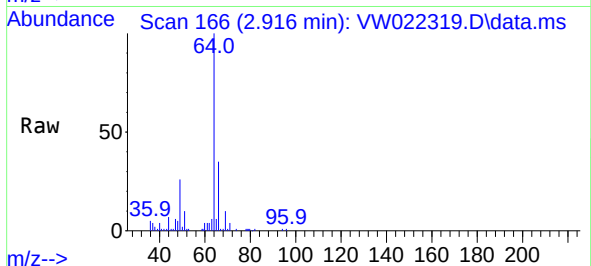




#8
Chloroethane
Concen: 17.698 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

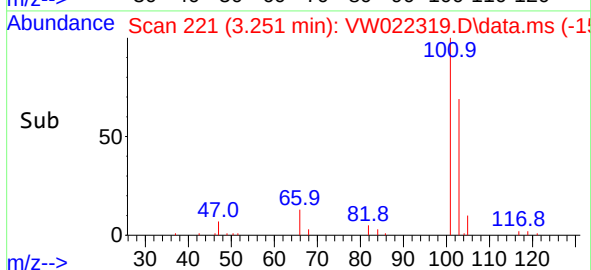
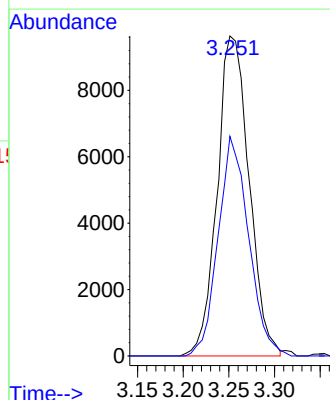
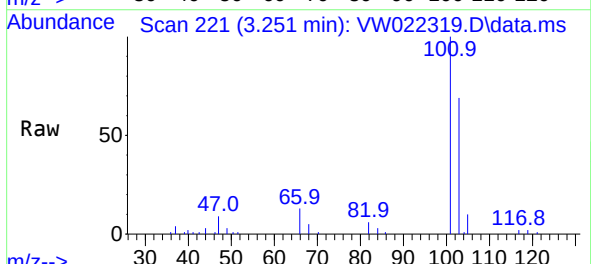
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DBRZ5MSD

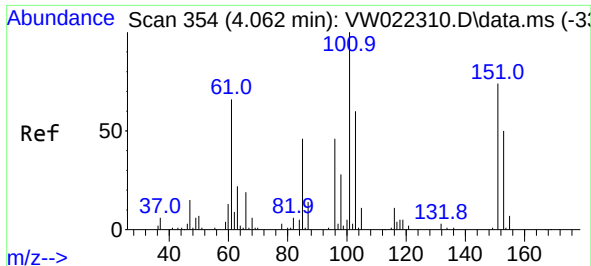
Tgt Ion: 64 Resp: 22001
Ion Ratio Lower Upper
64 100
66 35.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 15.582 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 101 Resp: 23411
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8

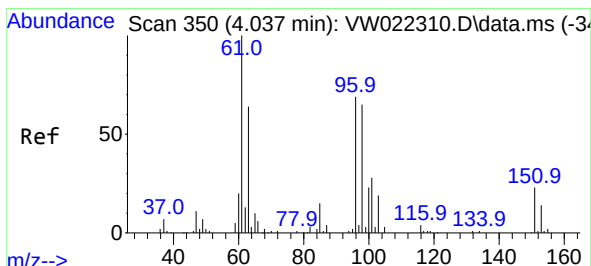
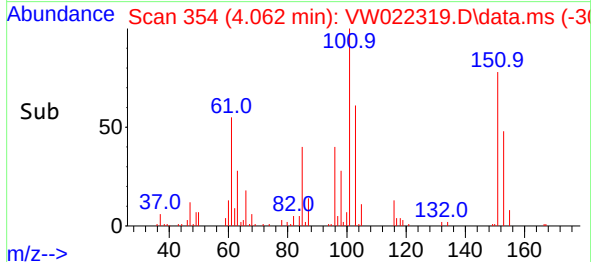
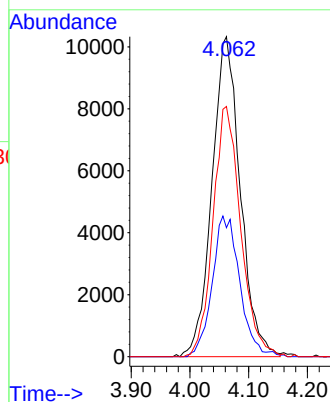
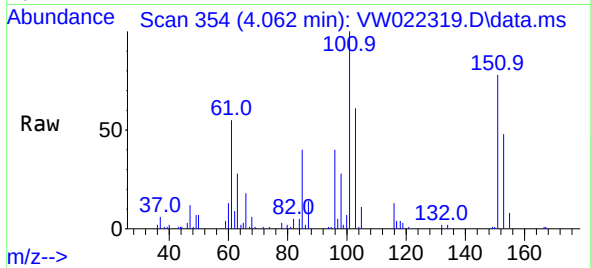




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 18.859 ug/L
RT: 4.062 min Scan# 310
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

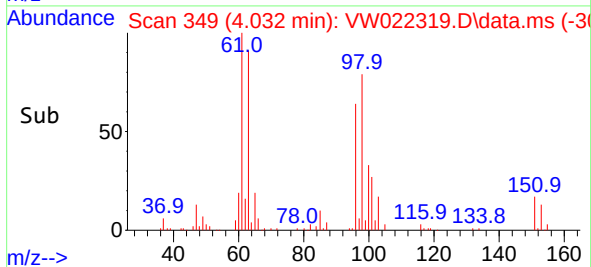
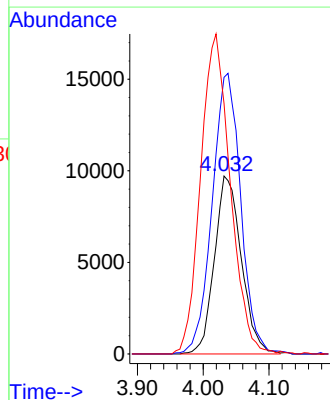
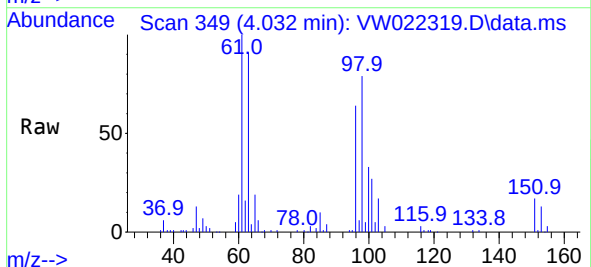
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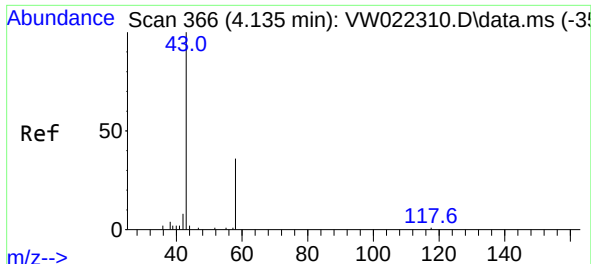
Tgt Ion:101 Resp: 34569
Ion Ratio Lower Upper
101 100
85 42.3 34.4 51.6
151 76.3 59.0 88.4



#12
1,1-Dichloroethene
Concen: 17.384 ug/L
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 96 Resp: 27618
Ion Ratio Lower Upper
96 100
61 155.5 108.4 201.2
63 140.8 72.0 133.6#

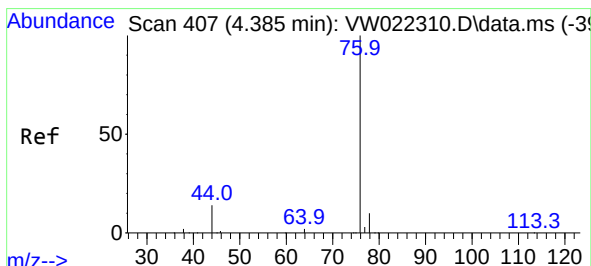
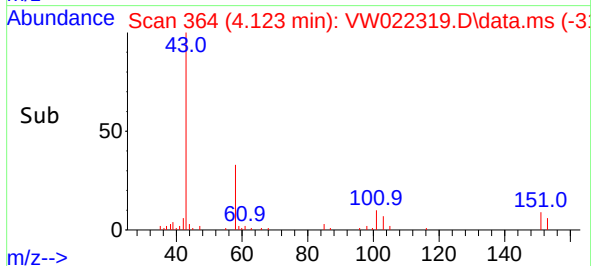
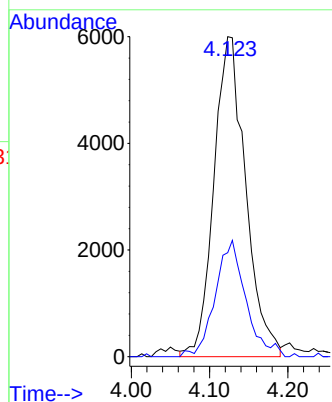
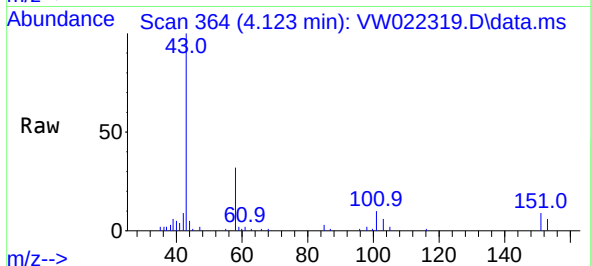




#13
Acetone
Concen: 61.340 ug/L
RT: 4.123 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

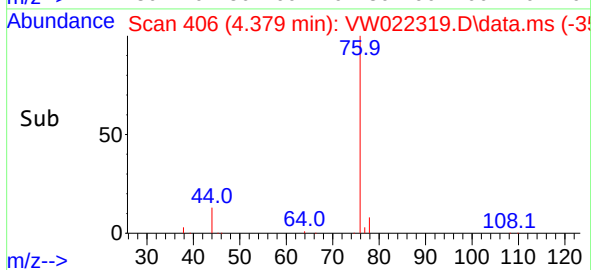
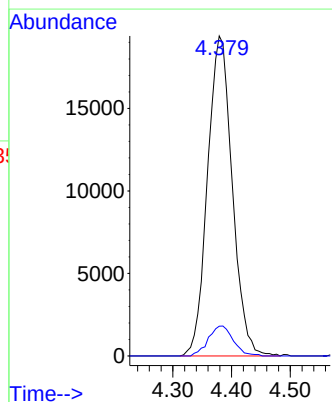
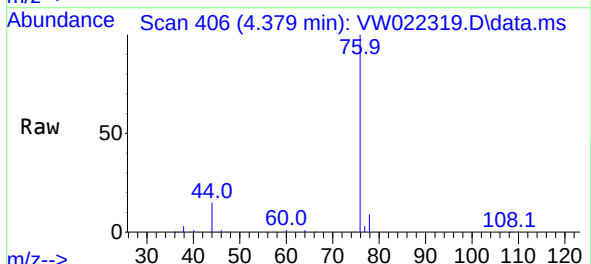
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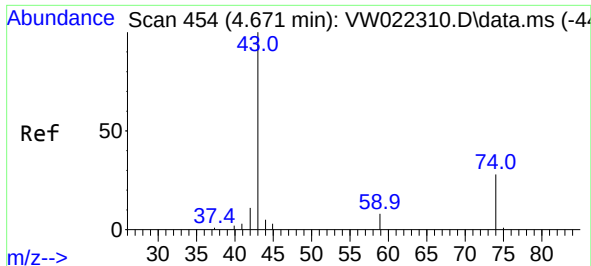
Tgt Ion: 43 Resp: 16897
Ion Ratio Lower Upper
43 100
58 33.7 0.0 69.2



#14
Carbon disulfide
Concen: 13.762 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 56685
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

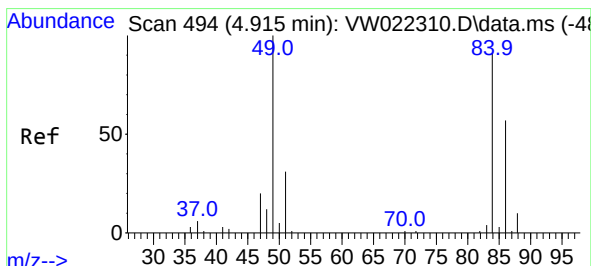
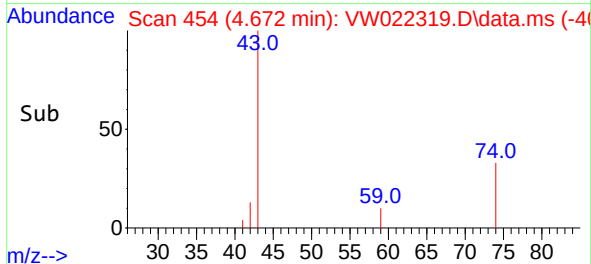
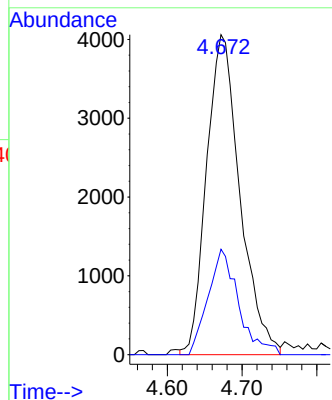
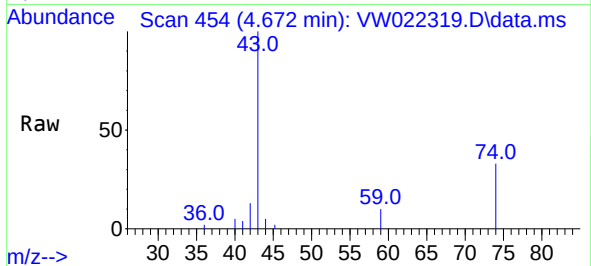




#15
Methyl Acetate
Concen: 20.340 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

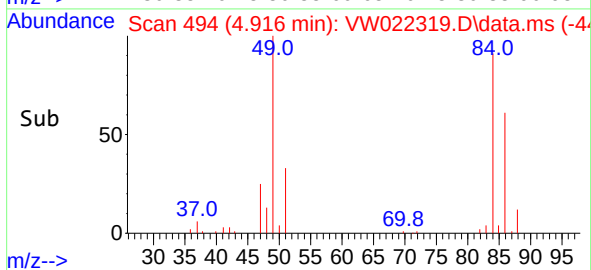
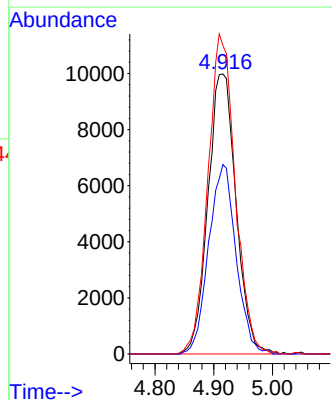
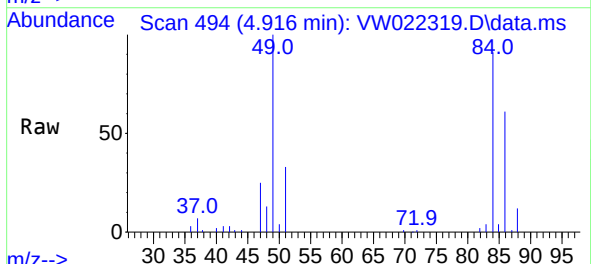
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

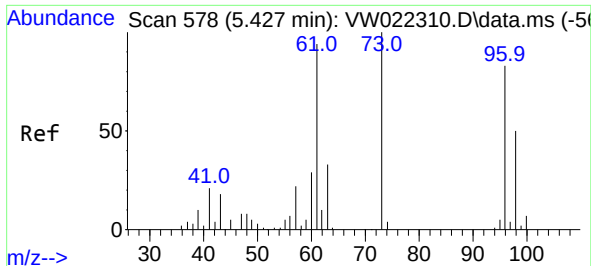
Tgt Ion: 43 Resp: 12614
Ion Ratio Lower Upper
43 100
74 30.1 23.0 34.6



#16
Methylene chloride
Concen: 17.597 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 84 Resp: 33219
Ion Ratio Lower Upper
84 100
86 67.7 45.8 85.0
49 110.2 73.8 137.0

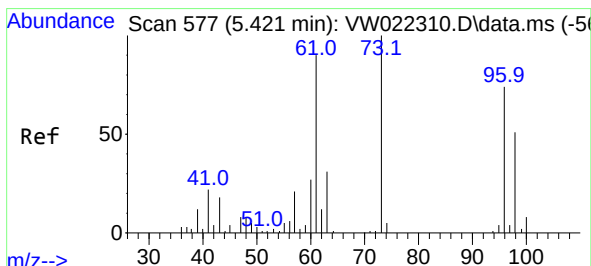
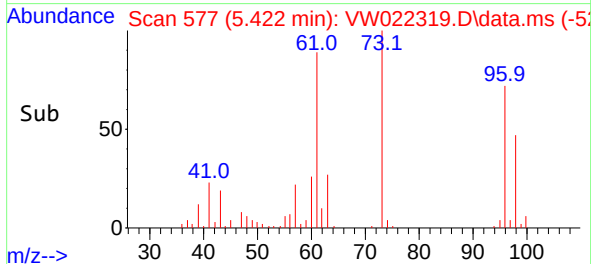
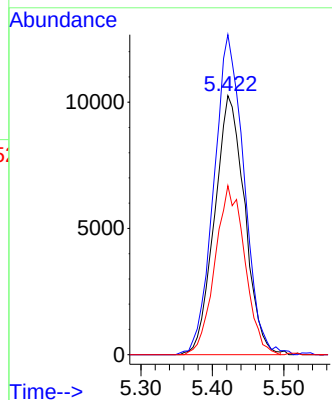
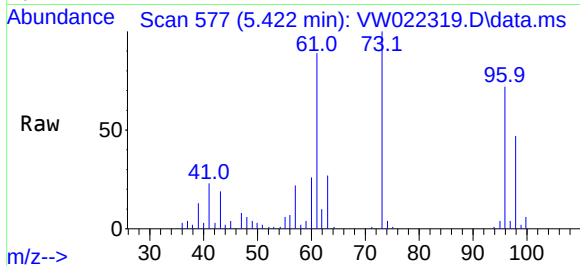




#17
trans-1,2-Dichloroethene
Concen: 17.179 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

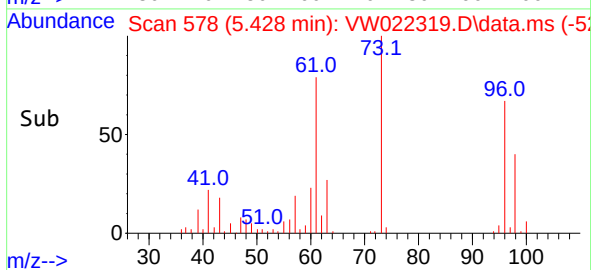
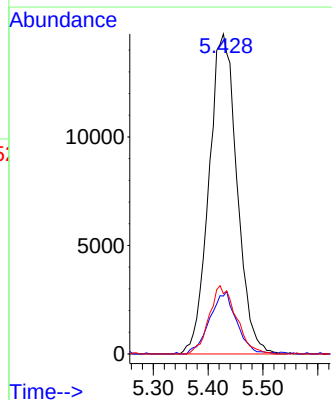
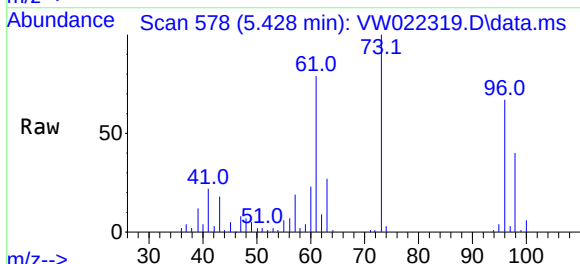
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

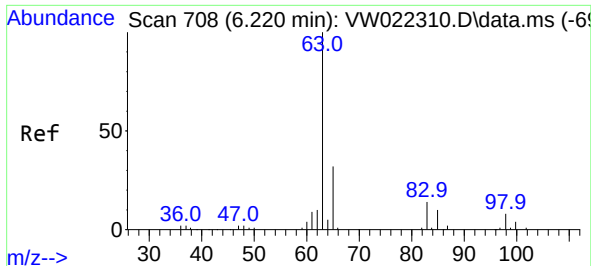
Tgt Ion: 96 Resp: 29977
Ion Ratio Lower Upper
96 100
61 123.5 87.3 162.1
98 65.2 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 22.046 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 73 Resp: 52338
Ion Ratio Lower Upper
73 100
43 18.4 15.4 23.2
57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 20.141 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MSD

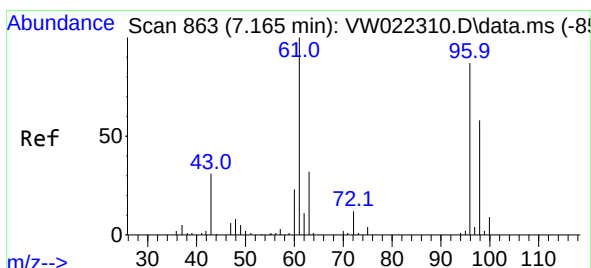
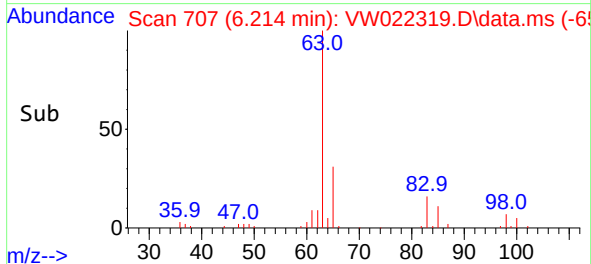
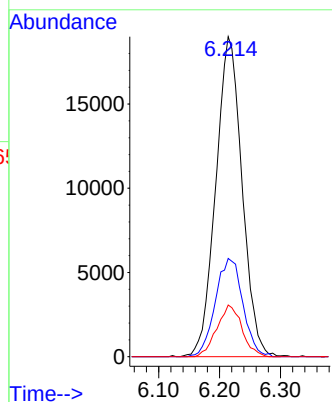
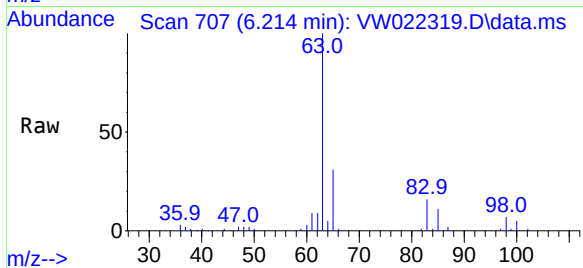
Tgt Ion: 63 Resp: 56899

Ion Ratio Lower Upper

63 100

65 30.7 22.5 41.9

83 16.2 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 19.345 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

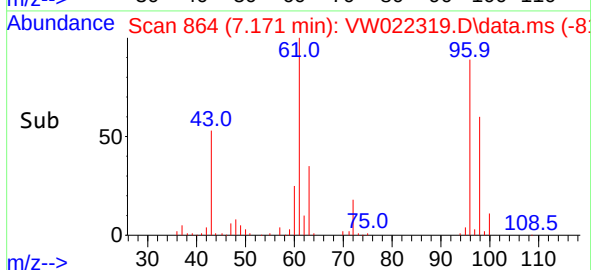
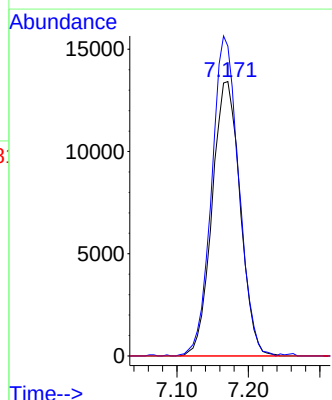
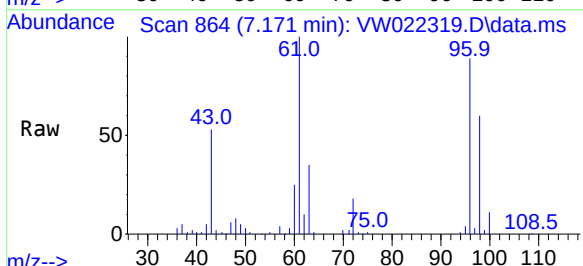
Tgt Ion: 96 Resp: 36567

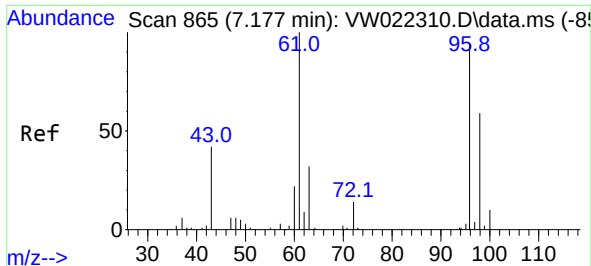
Ion Ratio Lower Upper

96 100

61 112.9 76.8 142.6

68 0.0 0.0 0.0

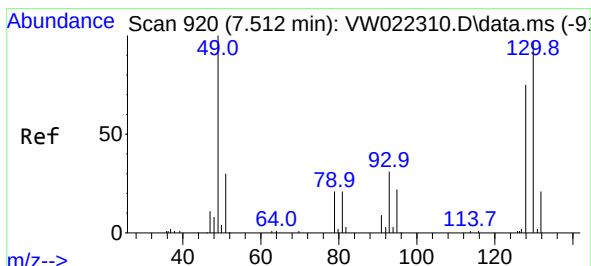
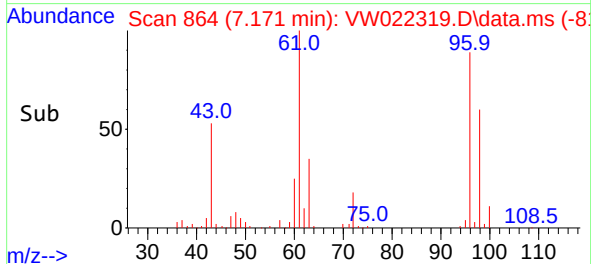
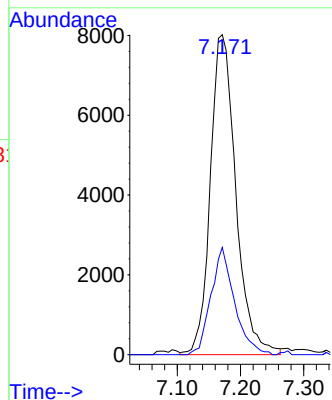
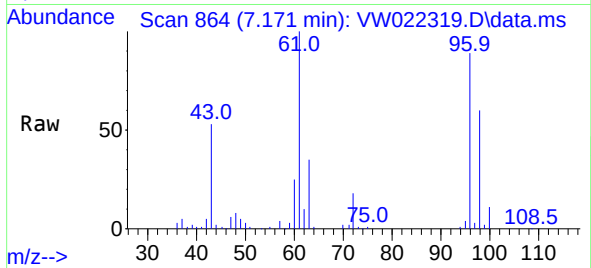




#22
2-Butanone
Concen: 56.835 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

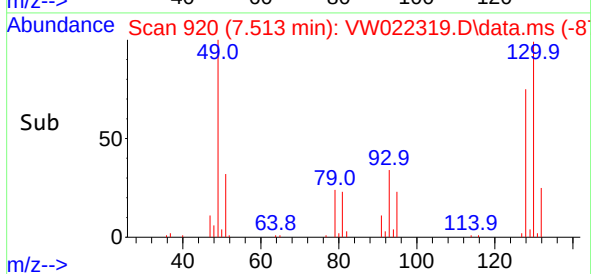
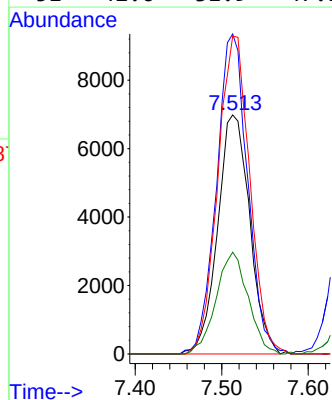
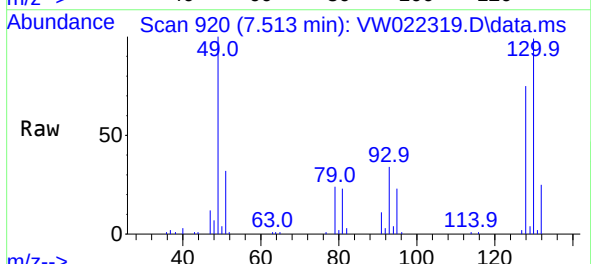
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

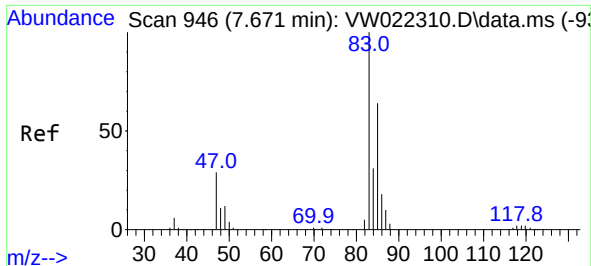
Tgt Ion: 43 Resp: 22490
Ion Ratio Lower Upper
43 100
72 30.9 17.0 51.0



#23
Bromochloromethane
Concen: 19.444 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 128 Resp: 17954
Ion Ratio Lower Upper
128 100
49 133.9 84.2 156.4
130 132.9 84.8 157.4
51 42.6 31.9 47.9





#25

Chloroform

Concen: 20.565 ug/L

RT: 7.671 min Scan# 946

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

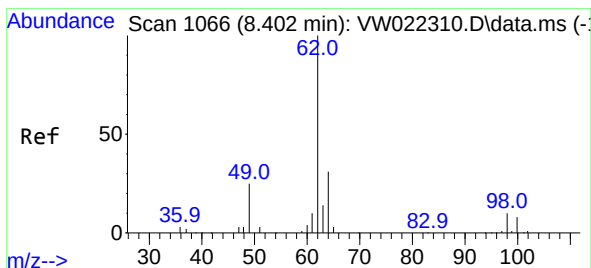
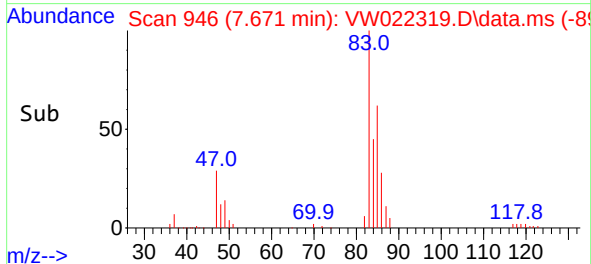
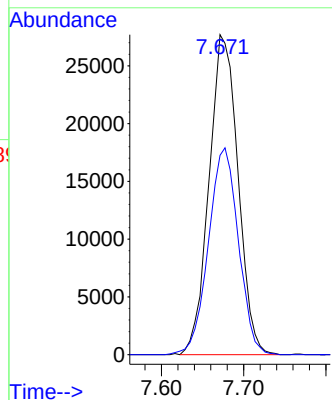
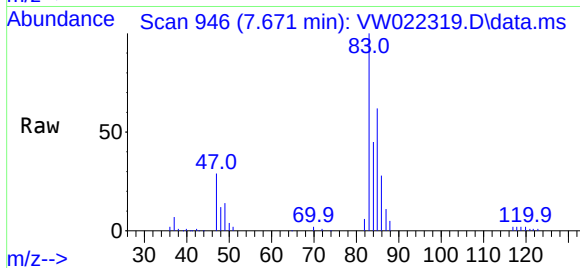
DBRZ5MSD

Tgt Ion: 83 Resp: 67785

Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 19.659 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW022319.D

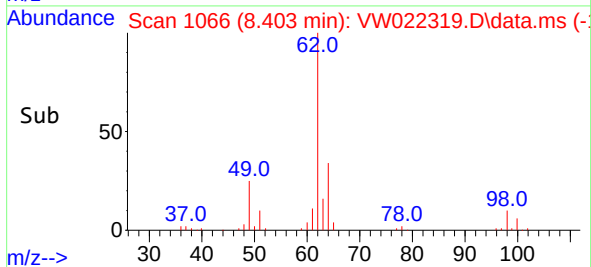
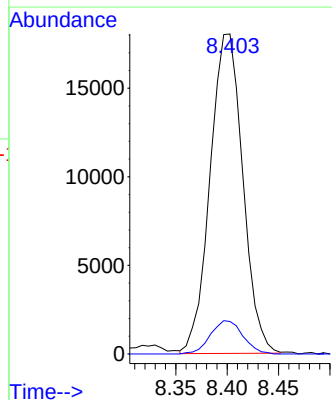
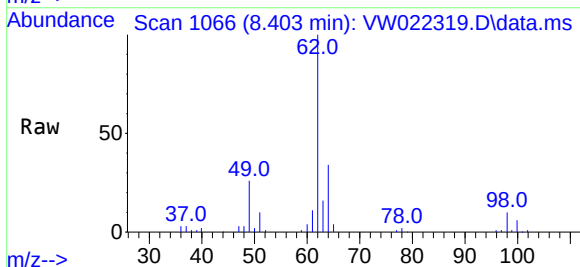
Acq: 14 Mar 2022 14:47

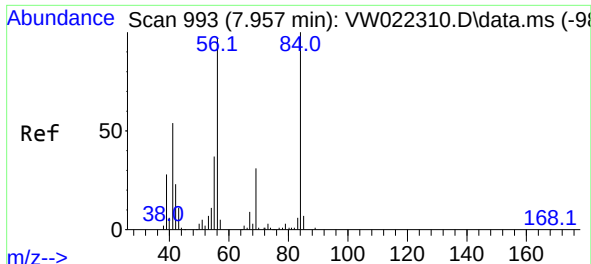
Tgt Ion: 62 Resp: 39911

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9





#29

Cyclohexane

Concen: 16.417 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022319.D

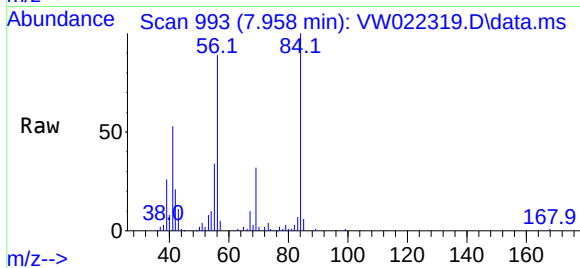
Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MSD



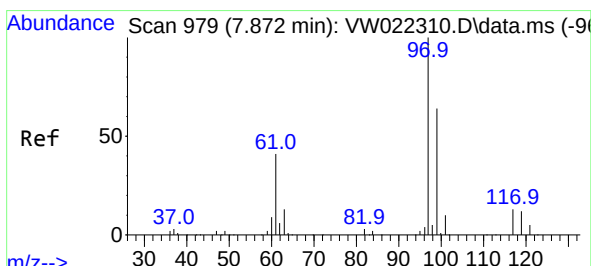
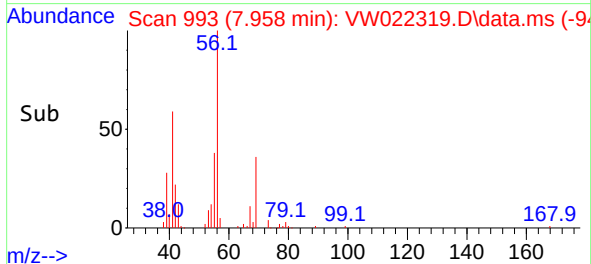
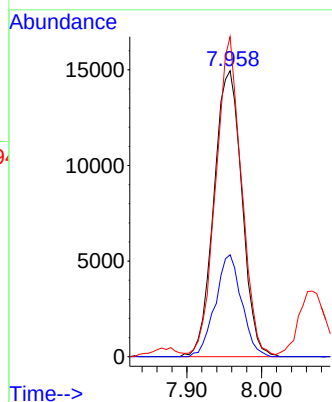
Tgt Ion: 56 Resp: 39022

Ion Ratio Lower Upper

56 100

69 33.5 26.3 39.5

84 102.7 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 19.565 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

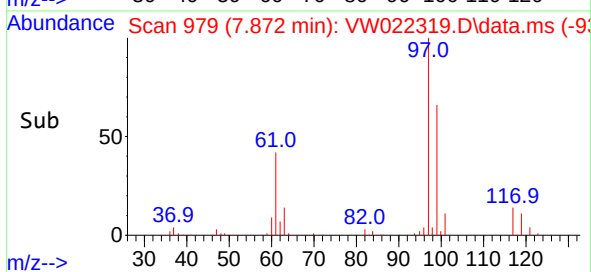
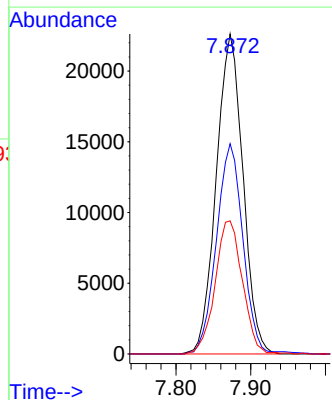
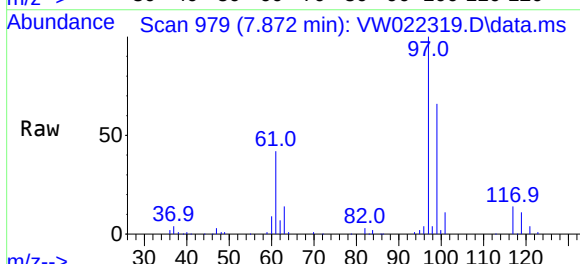
Tgt Ion: 97 Resp: 56221

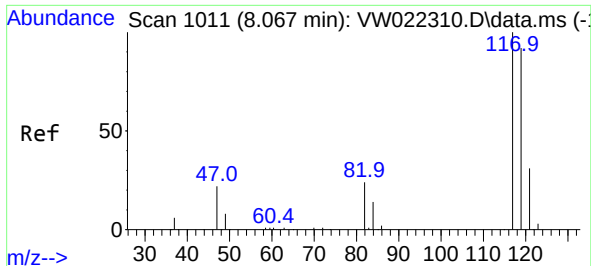
Ion Ratio Lower Upper

97 100

99 64.8 52.6 78.8

61 42.4 33.0 49.6

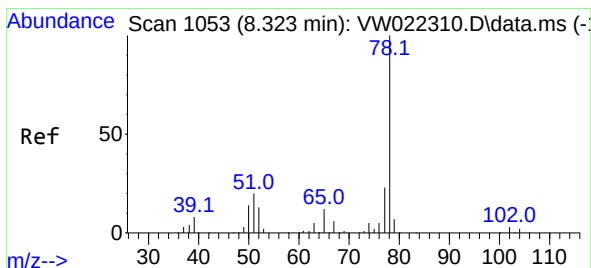
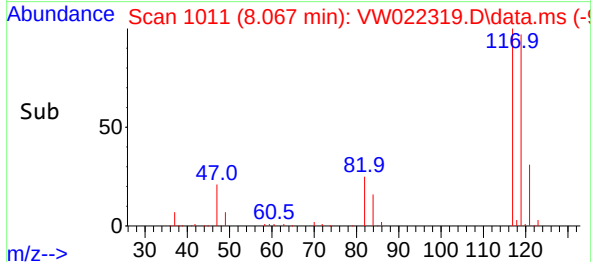
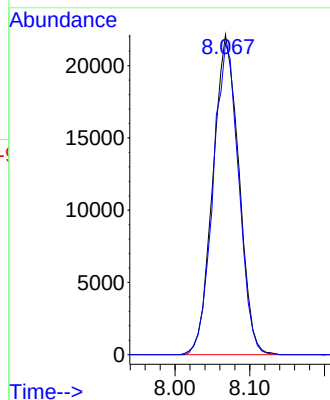
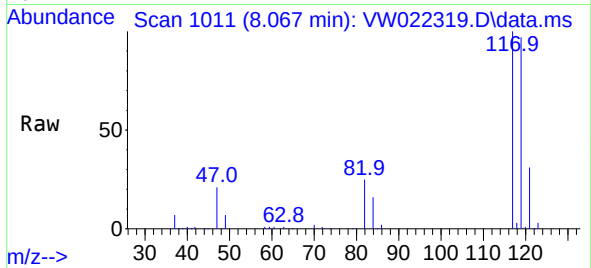




#31
Carbon tetrachloride
Concen: 19.573 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

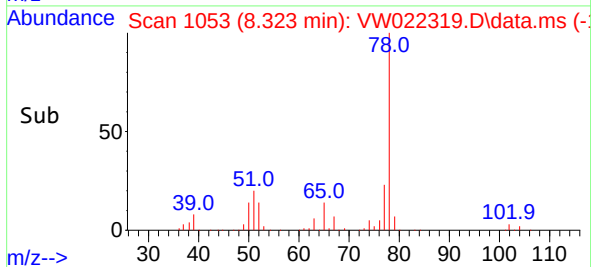
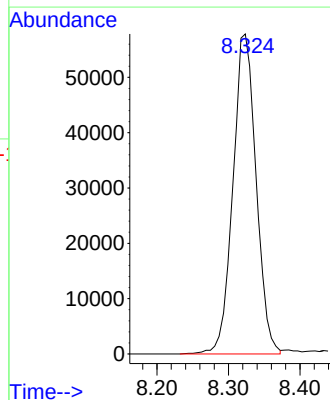
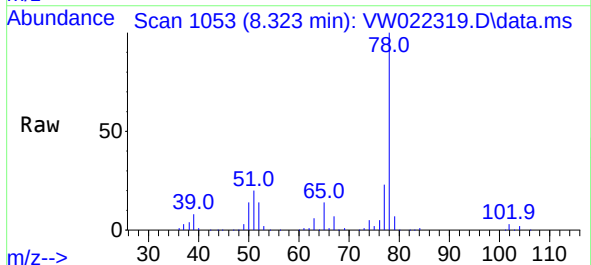
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

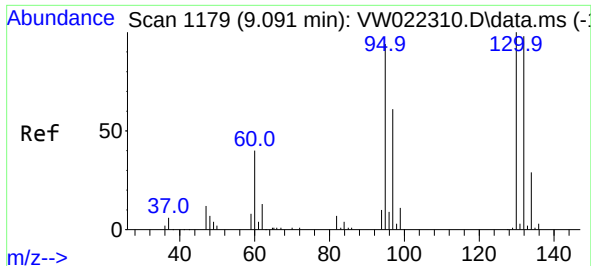
Tgt Ion:117 Resp: 53453
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 18.871 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 78 Resp: 130313



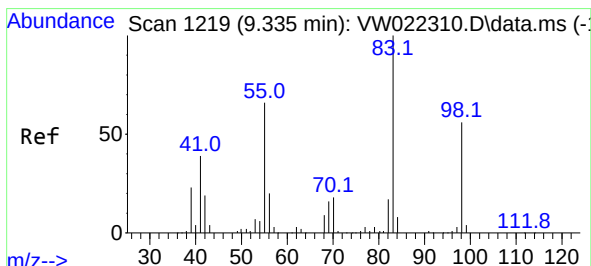
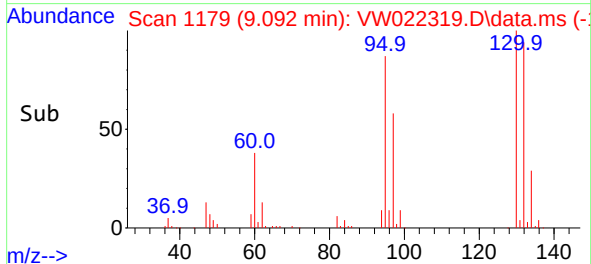
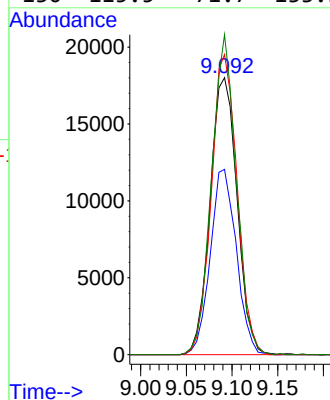
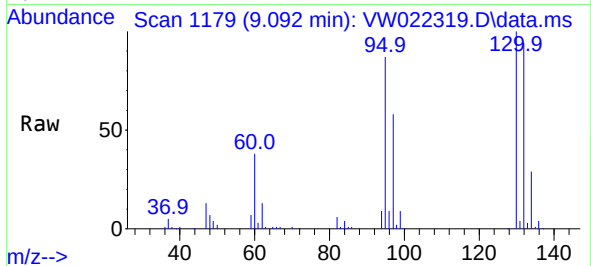


#34
Trichloroethene
Concen: 18.669 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

Tgt Ion: 95 Resp: 36911

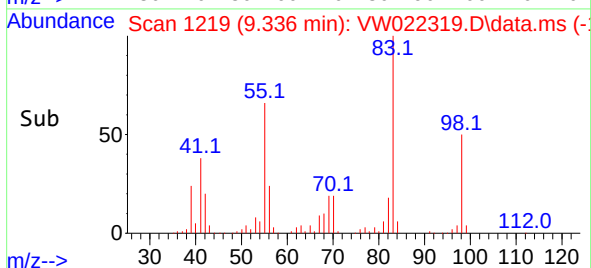
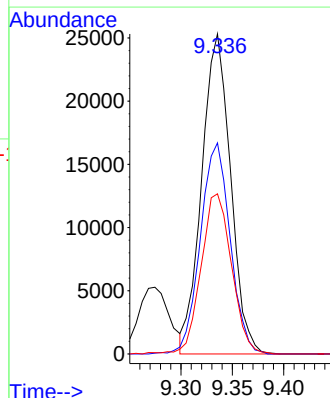
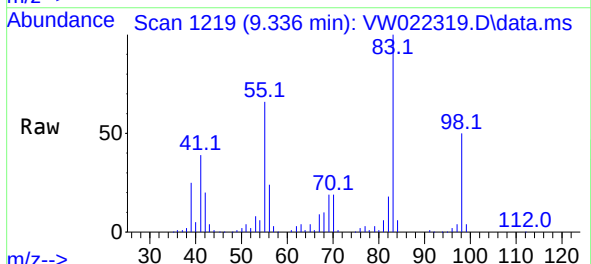
Ion	Ratio	Lower	Upper
95	100		
97	66.9	44.4	82.4
132	108.4	71.7	133.1
130	115.5	71.7	133.1

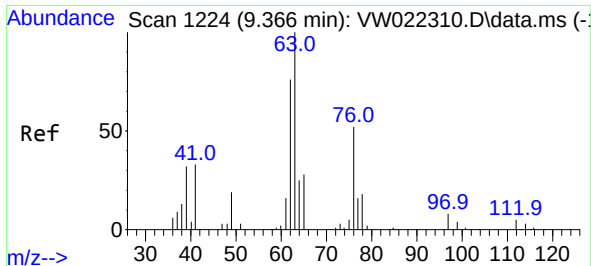


#35
Methylcyclohexane
Concen: 16.189 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 83 Resp: 49509

Ion	Ratio	Lower	Upper
83	100		
55	67.9	53.8	80.8
98	52.8	42.1	63.1





#37

1,2-Dichloropropane

Concen: 20.212 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

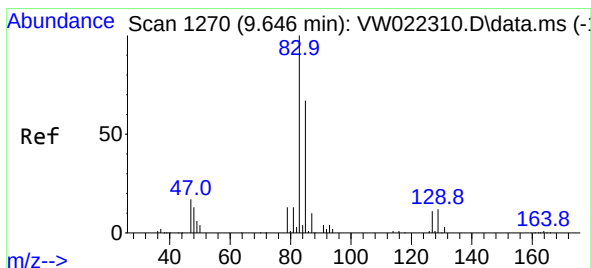
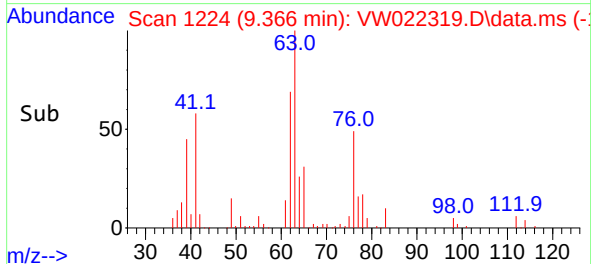
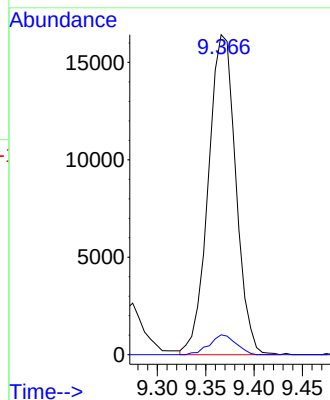
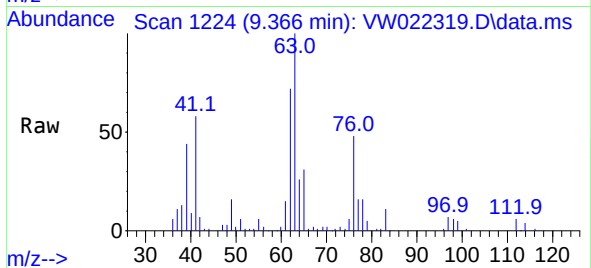
DBRZ5MSD

Tgt Ion: 63 Resp: 32560

Ion Ratio Lower Upper

63 100

112 5.9 4.1 6.1



#38

Bromodichloromethane

Concen: 21.778 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

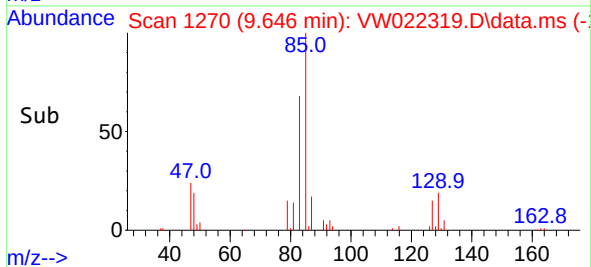
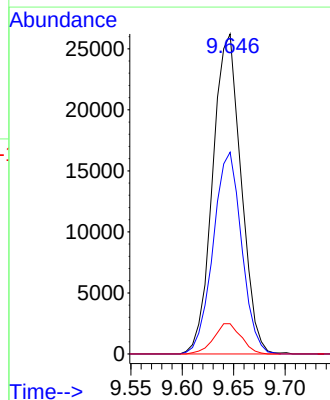
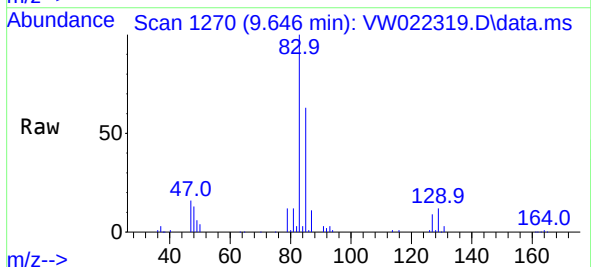
Tgt Ion: 83 Resp: 50312

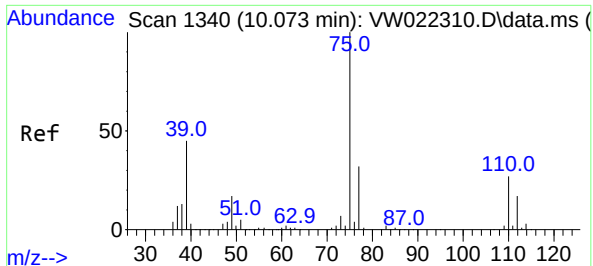
Ion Ratio Lower Upper

83 100

85 63.1 47.9 89.1

127 9.4 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 21.252 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

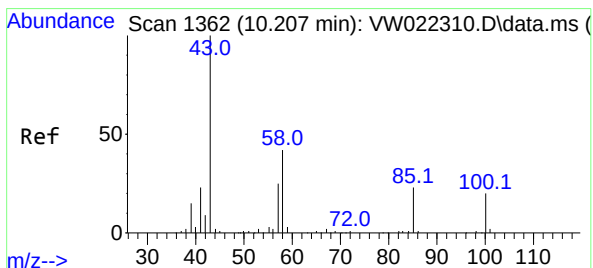
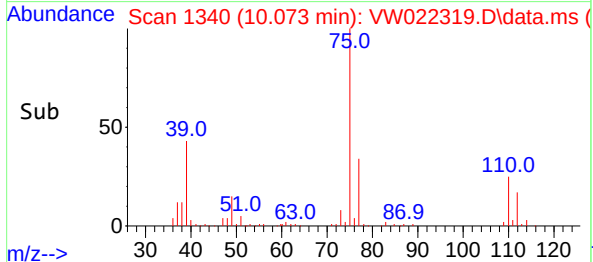
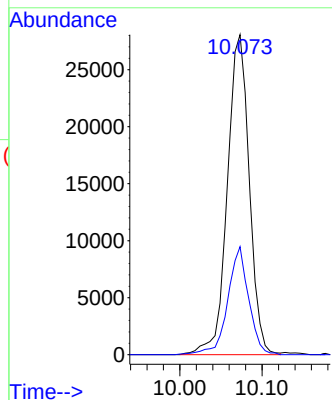
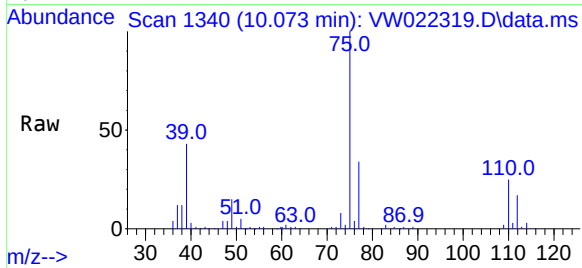
DBRZ5MSD

Tgt Ion: 75 Resp: 52041

Ion Ratio Lower Upper

75 100

77 33.8 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 47.999 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

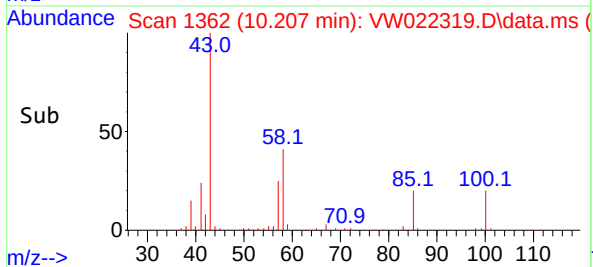
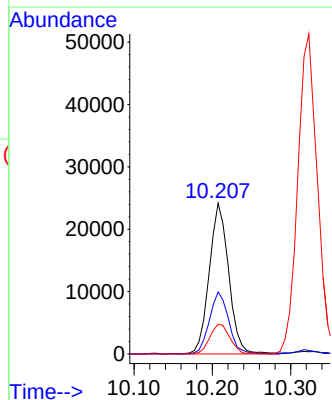
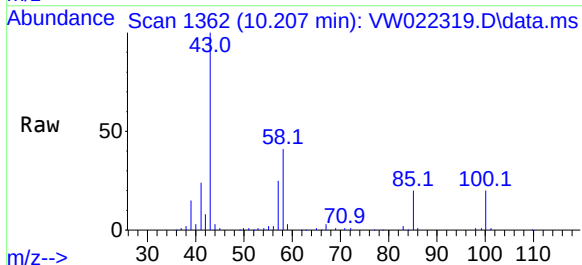
Tgt Ion: 43 Resp: 41758

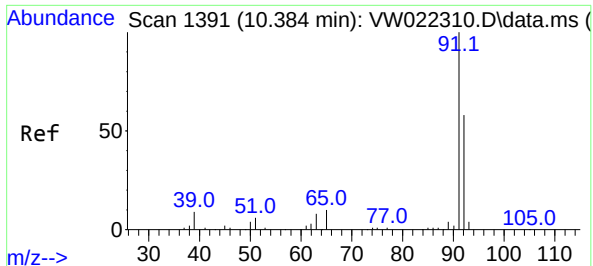
Ion Ratio Lower Upper

43 100

58 40.7 33.2 49.8

100 20.2 16.1 24.1

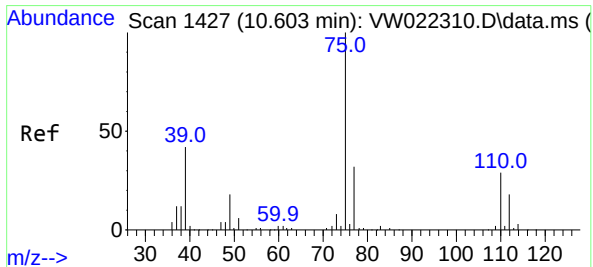
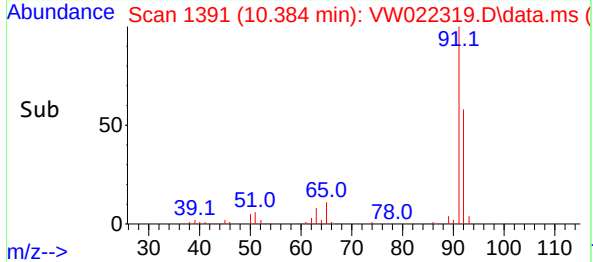
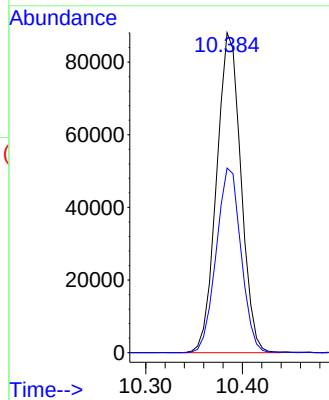
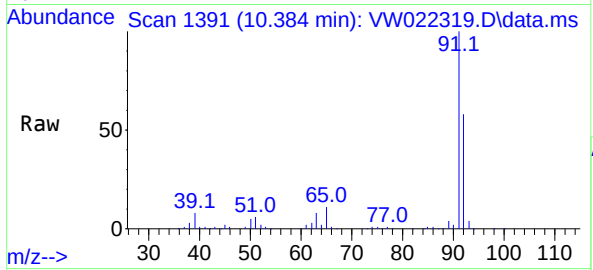




#42
Toluene
Concen: 19.662 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

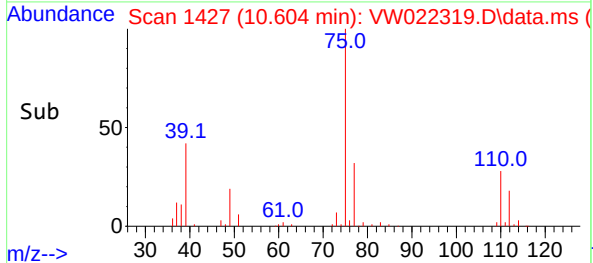
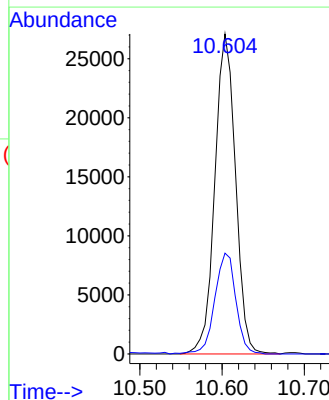
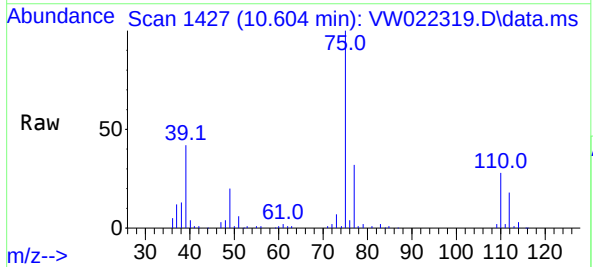
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

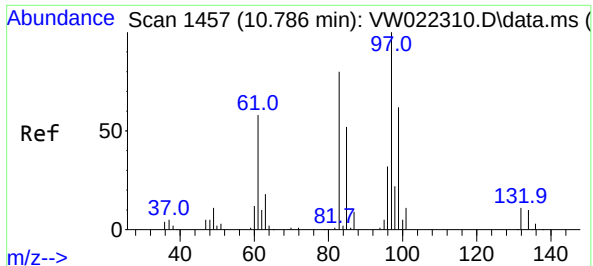
Tgt Ion: 91 Resp: 153671
Ion Ratio Lower Upper
91 100
92 57.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 21.477 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 75 Resp: 47261
Ion Ratio Lower Upper
75 100
77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 20.874 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MSD

Tgt Ion: 97 Resp: 29819

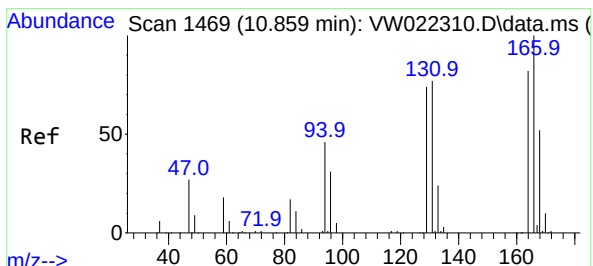
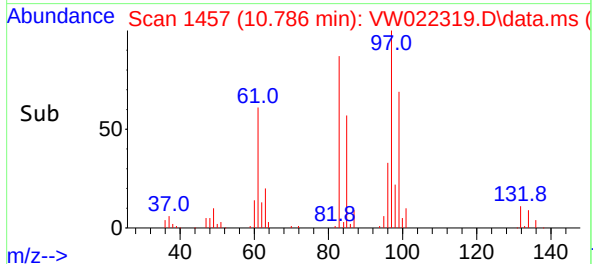
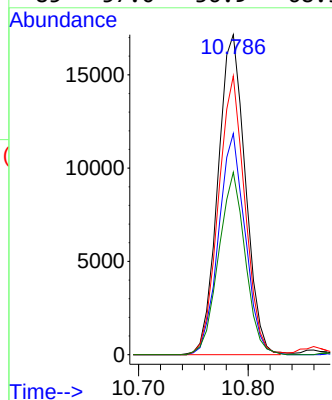
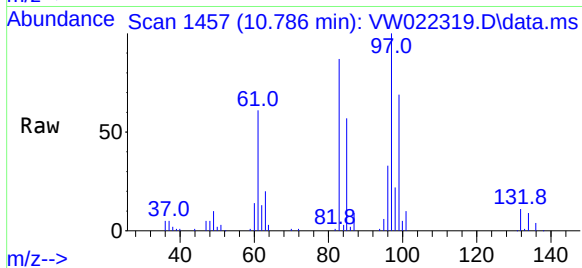
Ion Ratio Lower Upper

97 100

99 69.1 43.5 80.7

83 87.1 53.5 99.3

85 57.0 36.9 68.5



#46

Tetrachloroethene

Concen: 17.614 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Tgt Ion:164 Resp: 30507

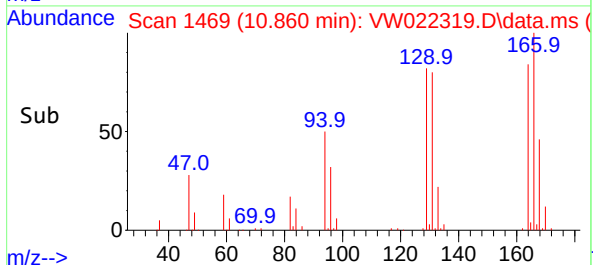
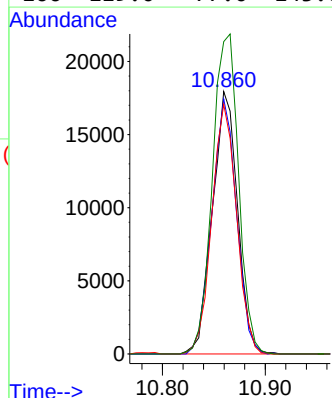
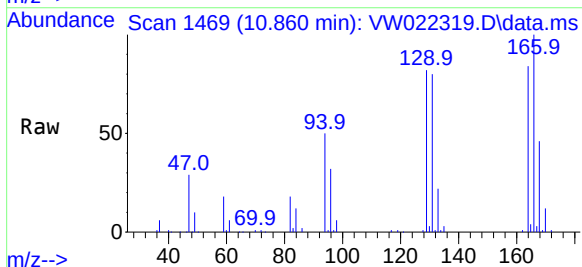
Ion Ratio Lower Upper

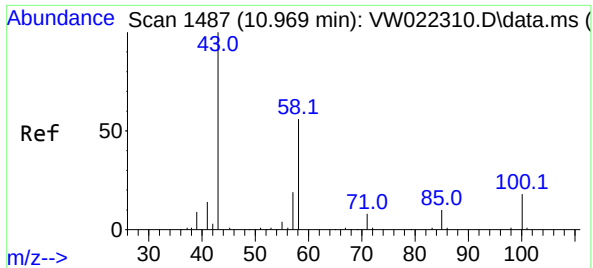
164 100

129 97.1 60.3 111.9

131 95.1 59.9 111.3

166 119.0 77.0 143.0

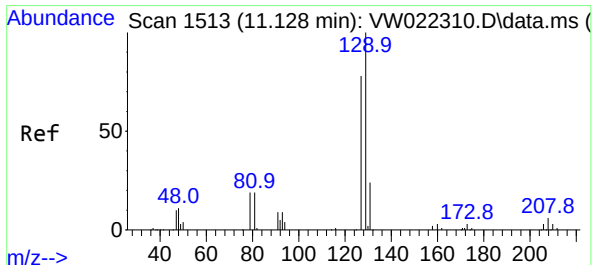
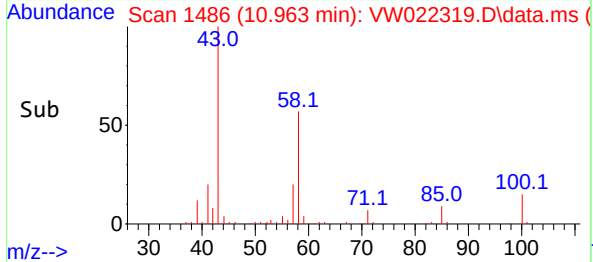
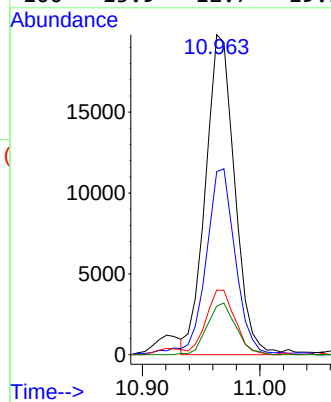
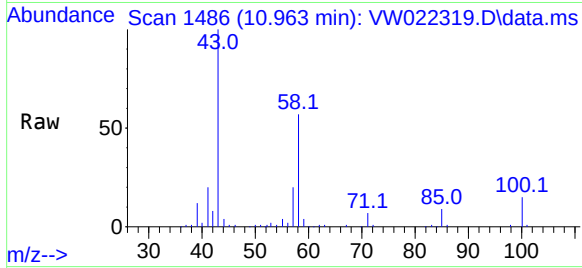




#48
2-Hexanone
Concen: 56.619 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

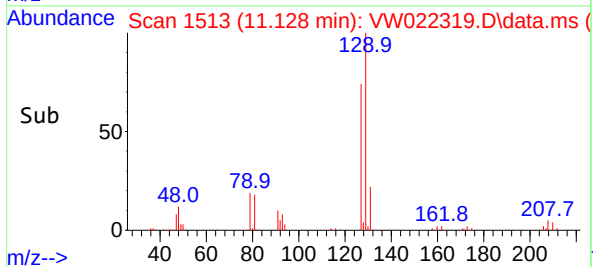
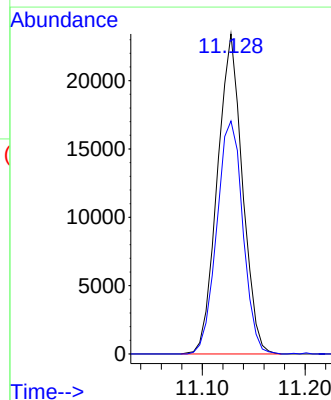
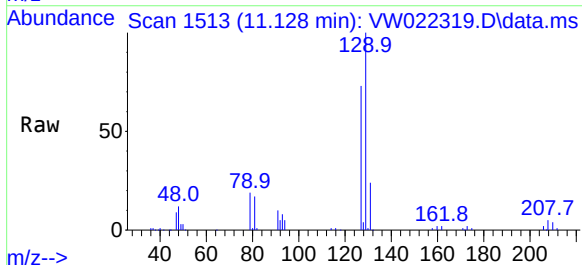
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

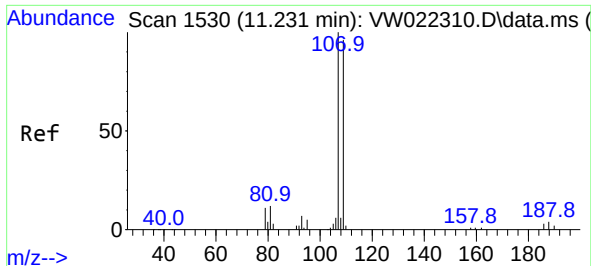
Tgt Ion: 43	Resp:	34187
Ion	Ratio	Lower Upper
43	100	
58	58.8	44.6 66.8
57	20.0	15.8 23.8
100	15.9	12.7 19.1



#49
Dibromochloromethane
Concen: 22.847 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 129	Resp:	39643
Ion	Ratio	Lower Upper
129	100	
127	72.8	54.5 101.1





#50

1,2-Dibromoethane

Concen: 20.290 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

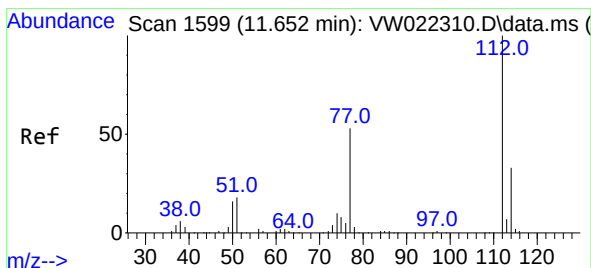
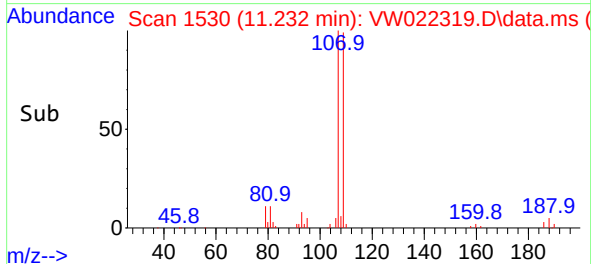
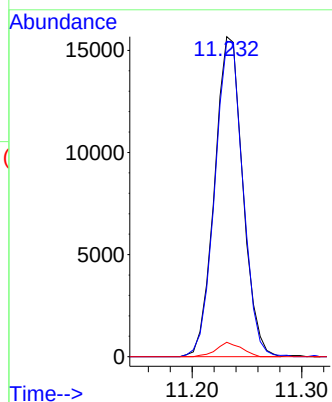
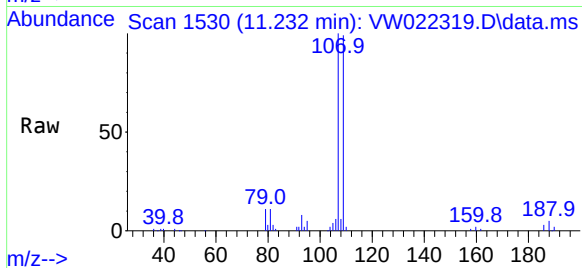
Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MSD

Tgt Ion:	107	Resp:	27957
Ion	Ratio	Lower	Upper
107	100		
109	98.6	66.8	124.2
188	4.5	2.6	4.0



#51

Chlorobenzene

Concen: 19.902 ug/L

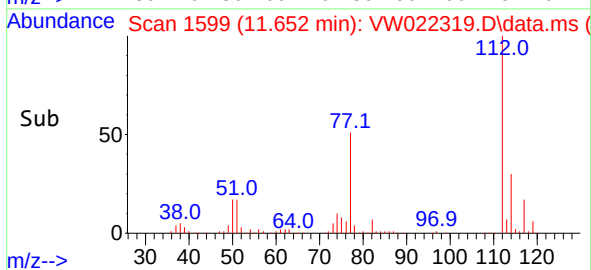
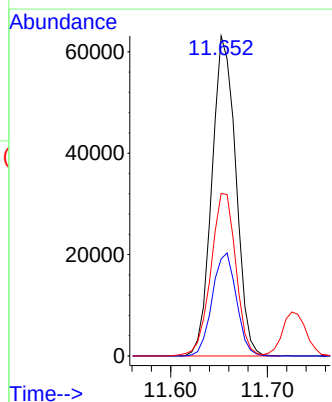
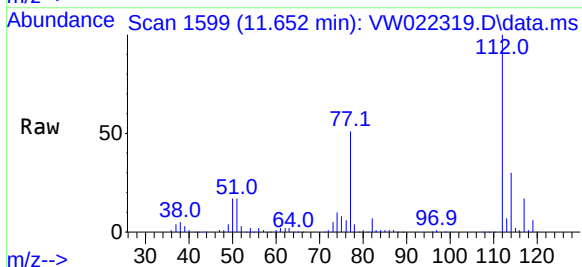
RT: 11.652 min Scan# 1599

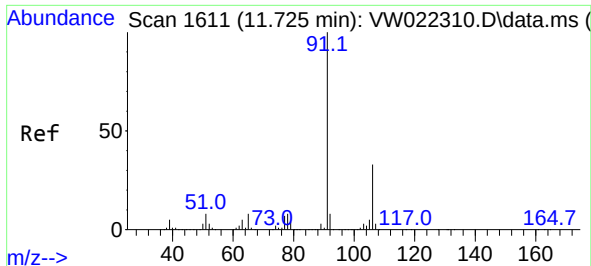
Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Tgt Ion:	112	Resp:	108250
Ion	Ratio	Lower	Upper
112	100		
114	30.3	23.0	42.8
77	50.8	41.8	62.6

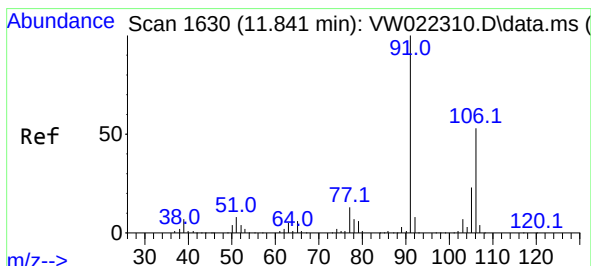
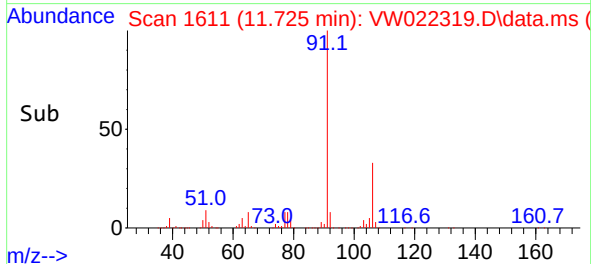
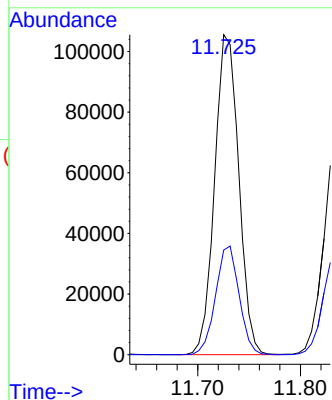
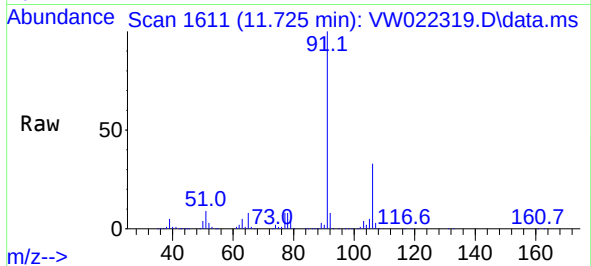




#52
Ethylbenzene
Concen: 19.902 ug/L
RT: 11.725 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

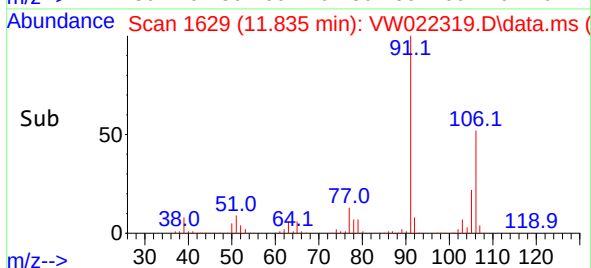
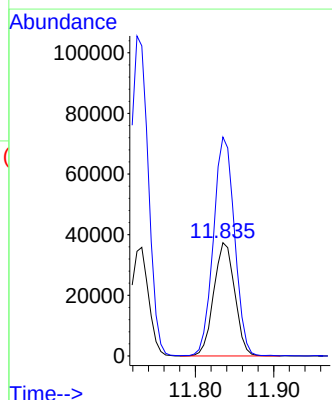
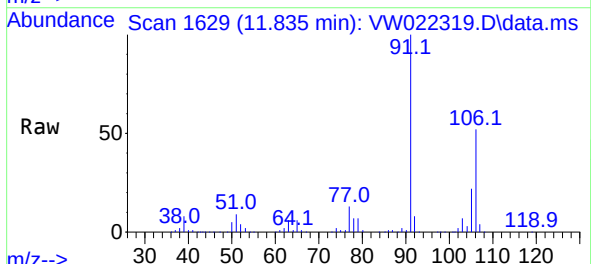
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

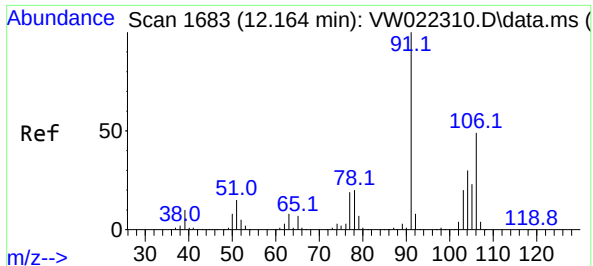
Tgt Ion: 91 Resp: 172141
Ion Ratio Lower Upper
91 100
106 32.7 22.8 42.4



#53
m,p-Xylene
Concen: 19.547 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion:106 Resp: 69570
Ion Ratio Lower Upper
106 100
91 193.1 135.0 250.8

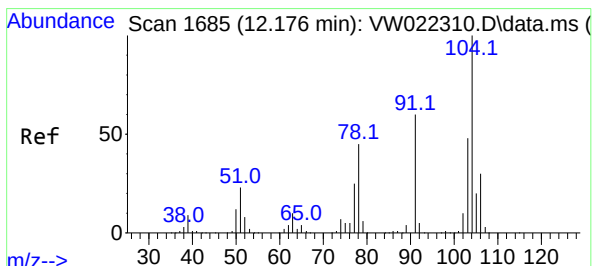
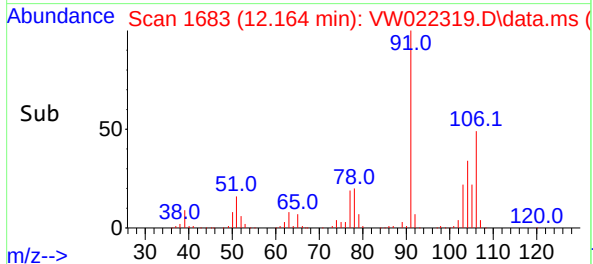
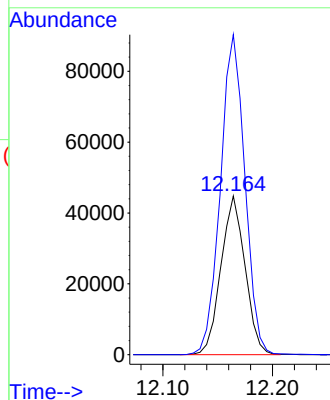
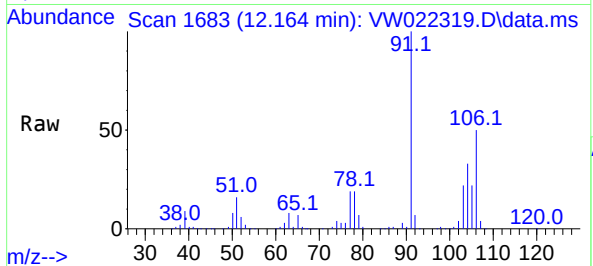




#54
o-Xylene
Concen: 20.459 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

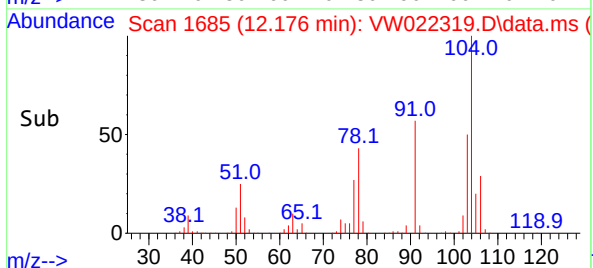
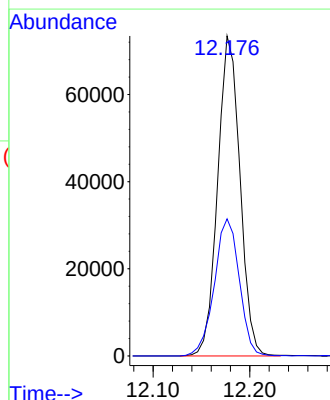
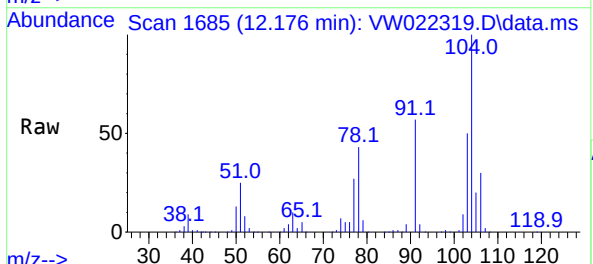
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

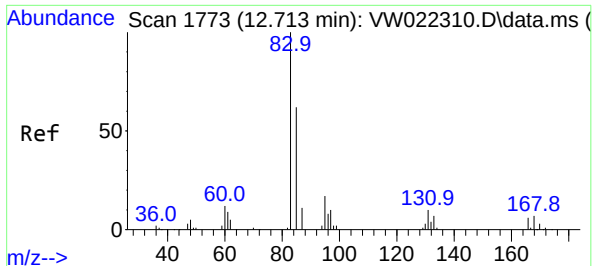
Tgt Ion:106 Resp: 68514
Ion Ratio Lower Upper
106 100
91 201.6 136.9 254.3



#55
Styrene
Concen: 20.952 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion:104 Resp: 117629
Ion Ratio Lower Upper
104 100
78 42.8 27.8 51.6

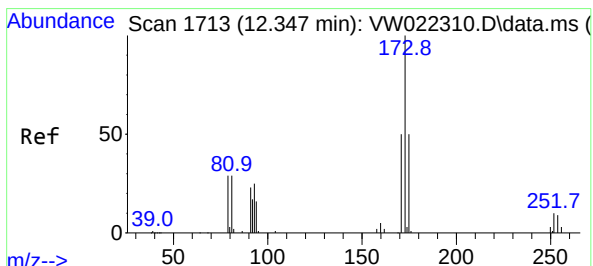
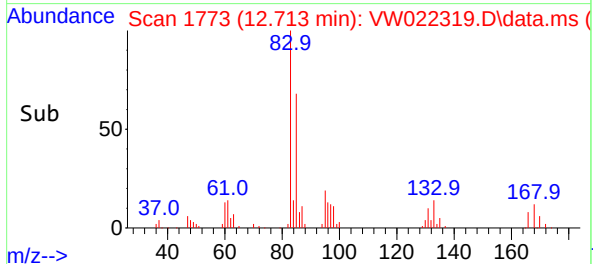
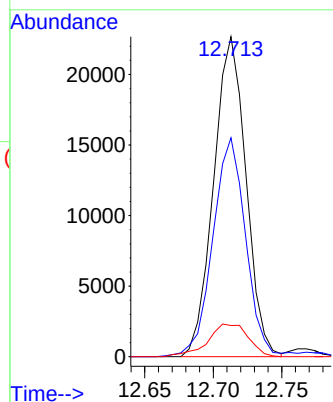
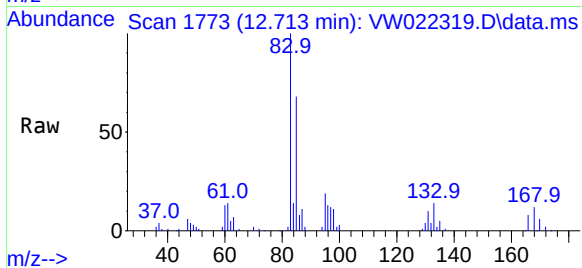




#57
1,1,2,2-Tetrachloroethane
Concen: 22.481 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

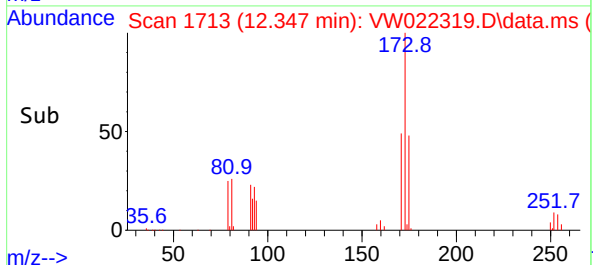
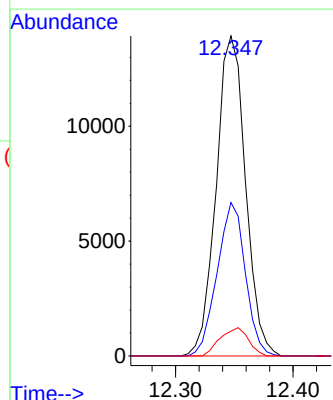
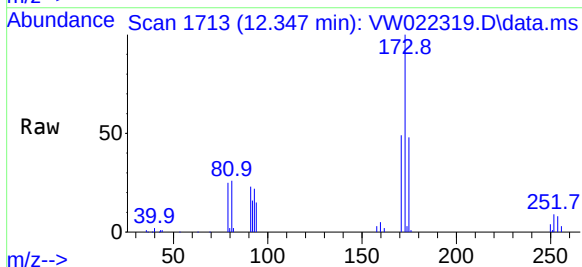
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

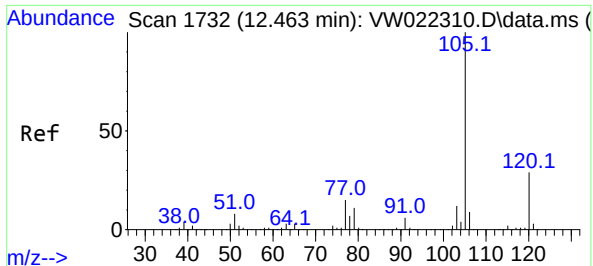
Tgt Ion:	83	Resp:	37262
Ion	Ratio	Lower	Upper
83	100		
85	68.4	44.2	82.0
131	9.8	9.4	14.0



#59
Bromoform
Concen: 23.094 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion:	173	Resp:	24194
Ion	Ratio	Lower	Upper
173	100		
175	46.0	38.2	57.4
254	8.5	5.0	7.6#

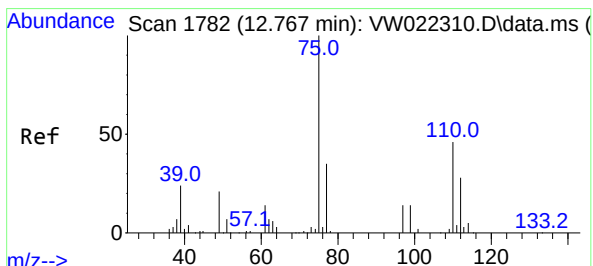
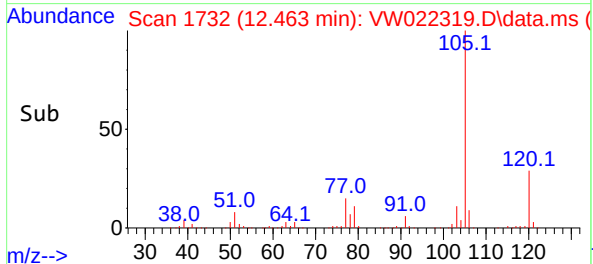
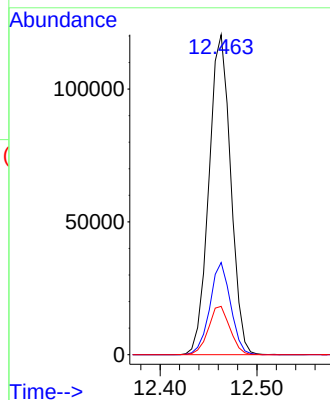
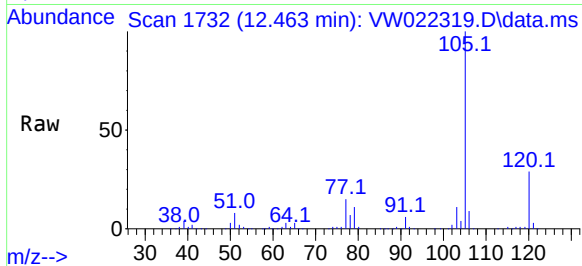




#60
Isopropylbenzene
Concen: 19.788 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

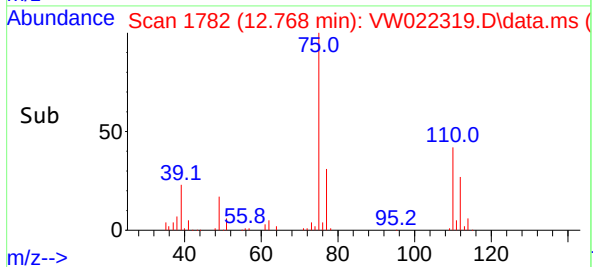
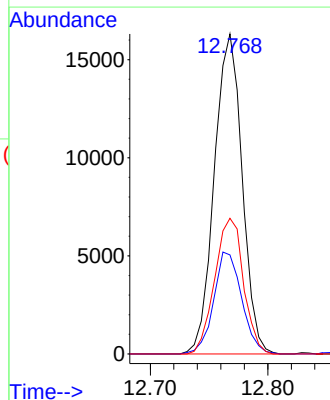
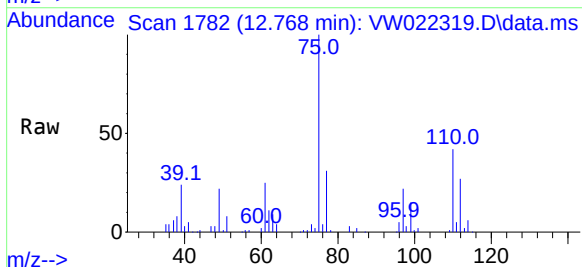
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

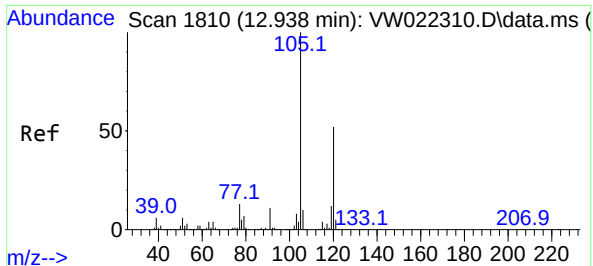
Tgt Ion:105 Resp: 188175
Ion Ratio Lower Upper
105 100
120 27.5 22.1 33.1
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 21.448 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion: 75 Resp: 26817
Ion Ratio Lower Upper
75 100
77 32.1 27.1 40.7
110 43.8 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 20.198 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

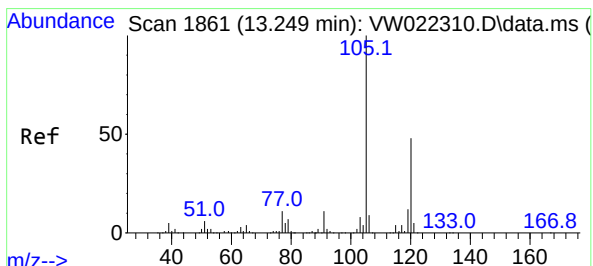
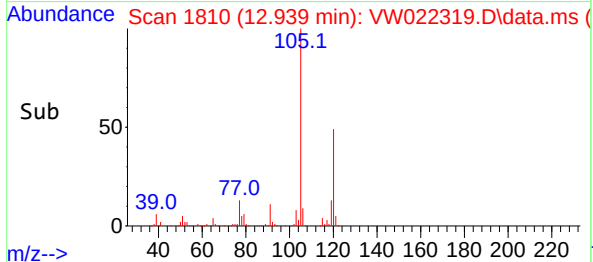
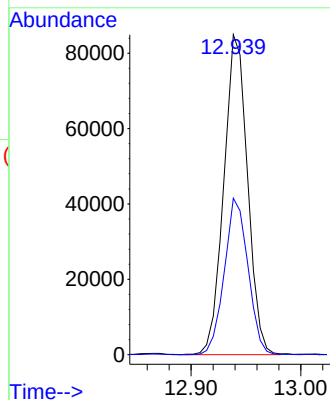
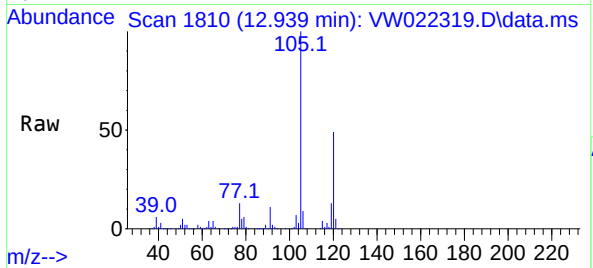
DBRZ5MSD

Tgt Ion:105 Resp: 127728

Ion Ratio Lower Upper

105 100

120 48.7 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 20.367 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022319.D

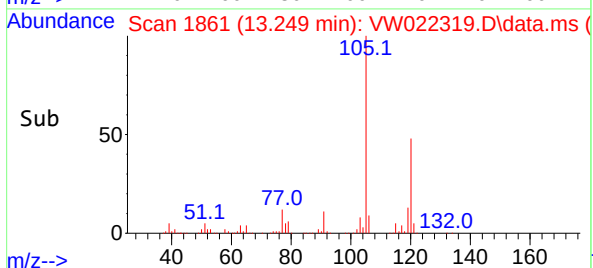
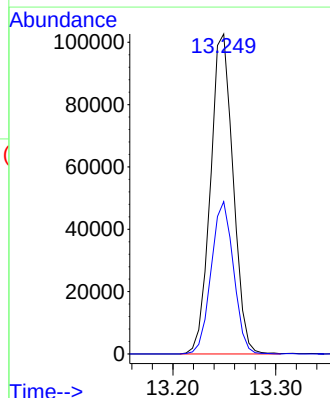
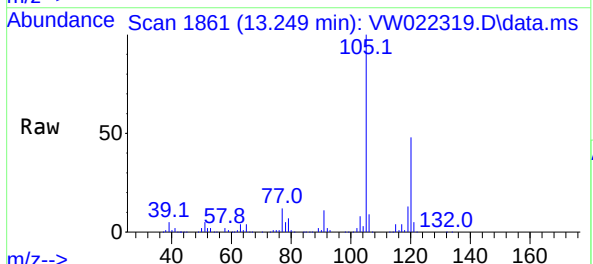
Acq: 14 Mar 2022 14:47

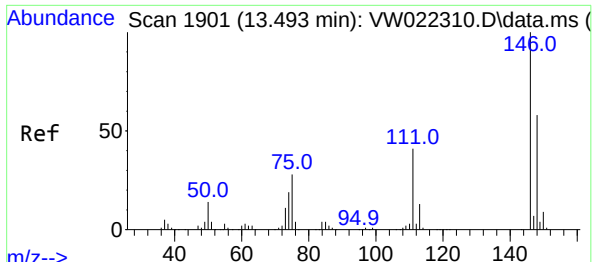
Tgt Ion:105 Resp: 157402

Ion Ratio Lower Upper

105 100

120 47.0 39.2 58.8

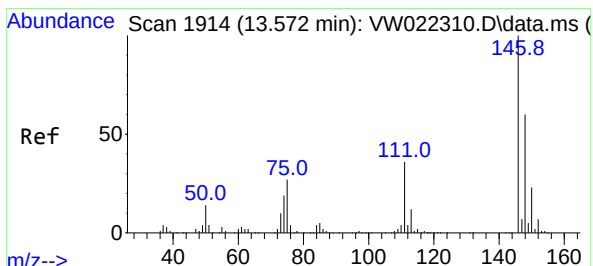
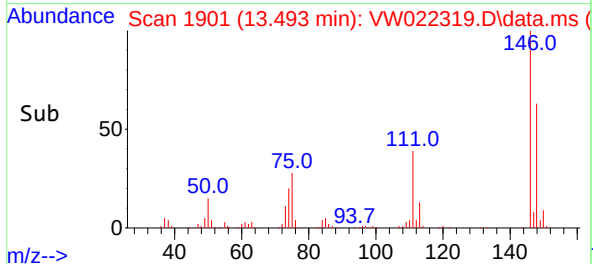
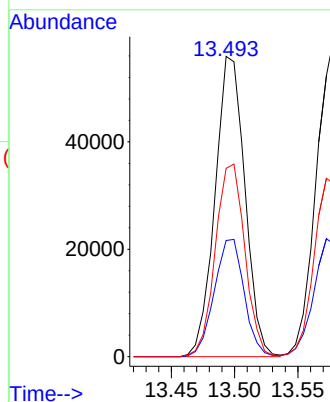
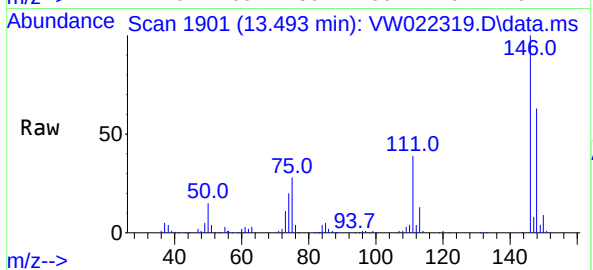




#64
1,3-Dichlorobenzene
Concen: 19.469 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

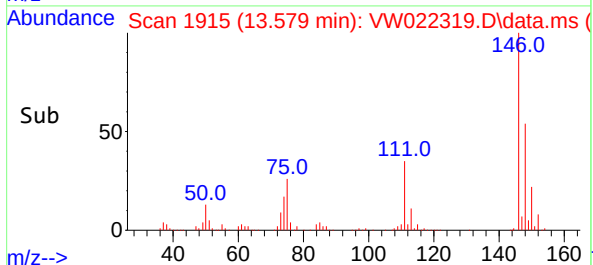
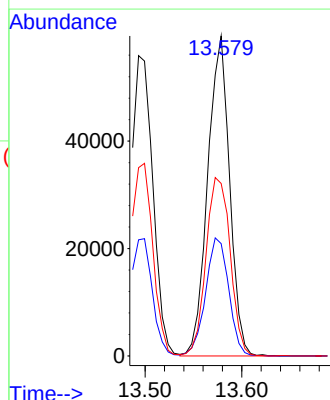
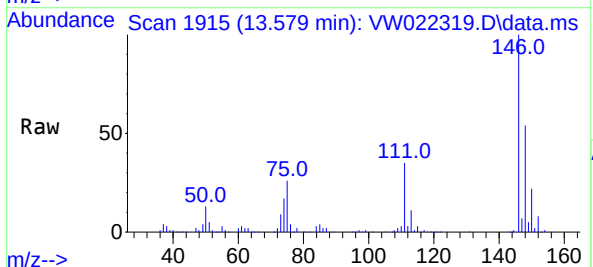
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

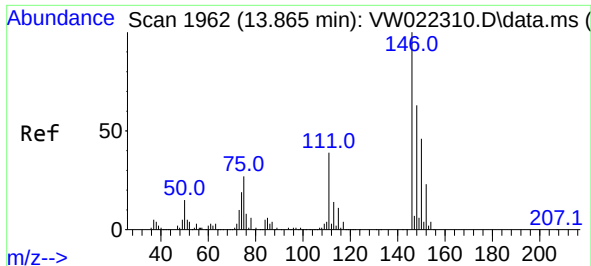
Tgt Ion:146 Resp: 91844
Ion Ratio Lower Upper
146 100
111 38.7 26.9 49.9
148 62.7 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 19.863 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion:146 Resp: 93901
Ion Ratio Lower Upper
146 100
111 35.1 27.5 51.1
148 53.9 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 20.605 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MSD

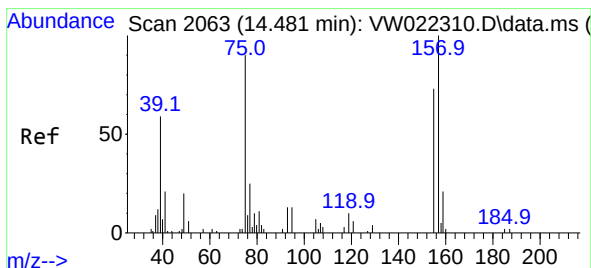
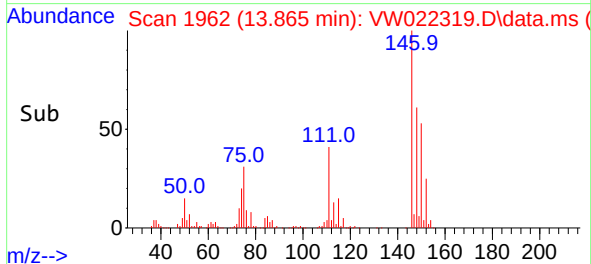
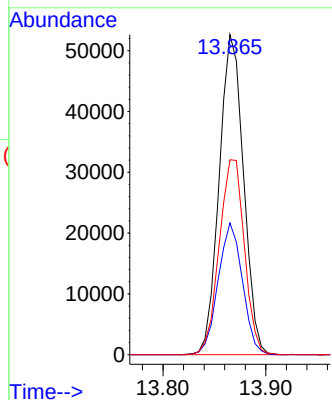
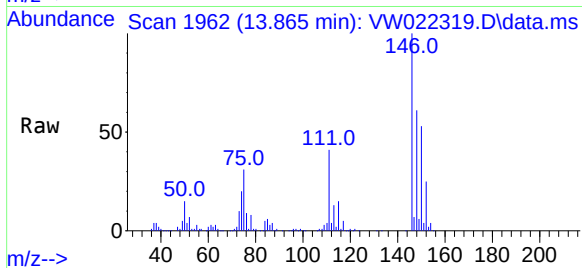
Tgt Ion:146 Resp: 86424

Ion Ratio Lower Upper

146 100

111 41.2 34.8 52.2

148 60.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.185 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022319.D

Acq: 14 Mar 2022 14:47

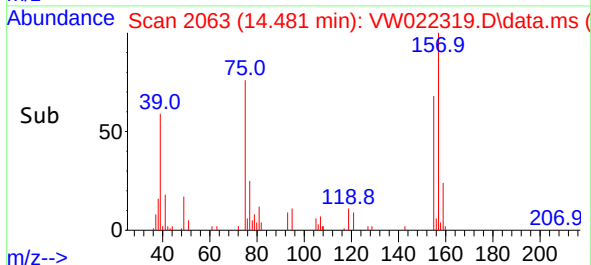
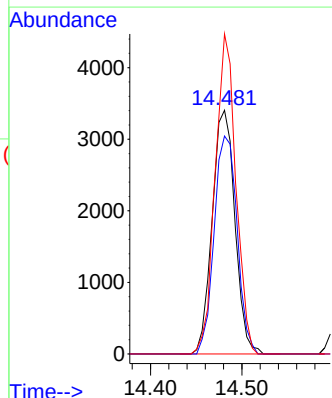
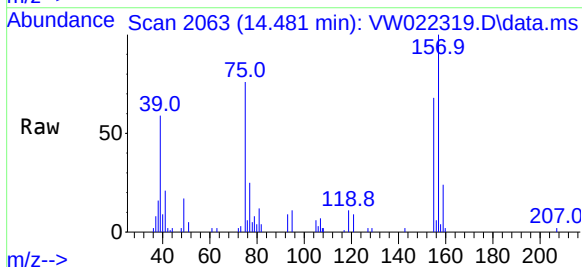
Tgt Ion: 75 Resp: 5864

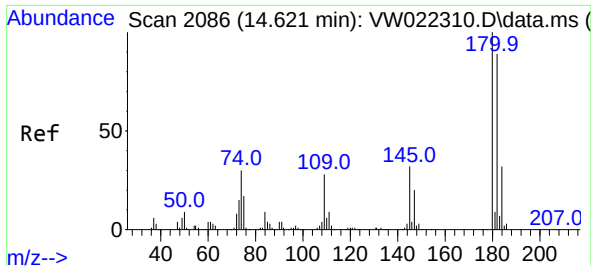
Ion Ratio Lower Upper

75 100

155 89.4 58.2 87.2#

157 131.3 80.5 120.7#



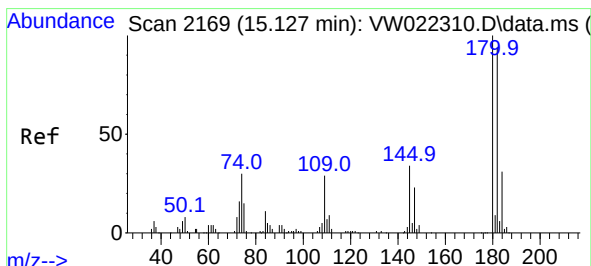
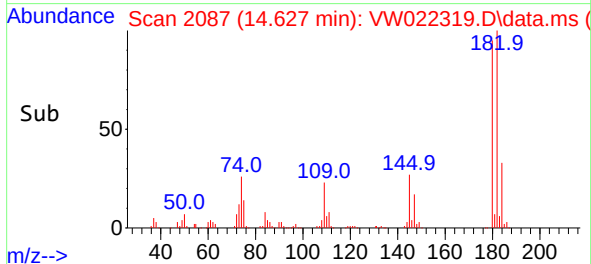
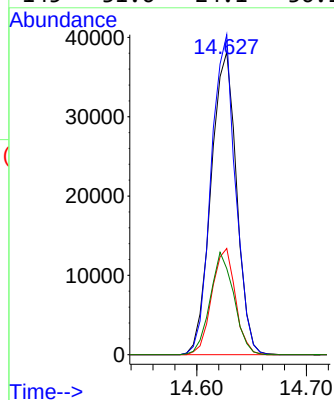
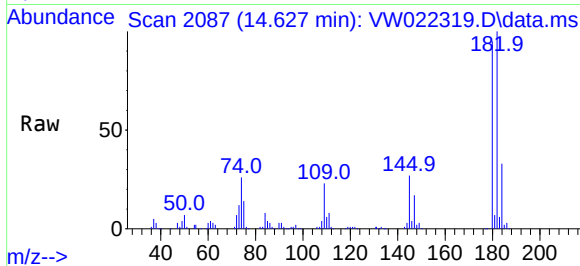


#69
1,3,5-Trichlorobenzene
Concen: 18.215 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

Tgt Ion:180 Resp: 61675

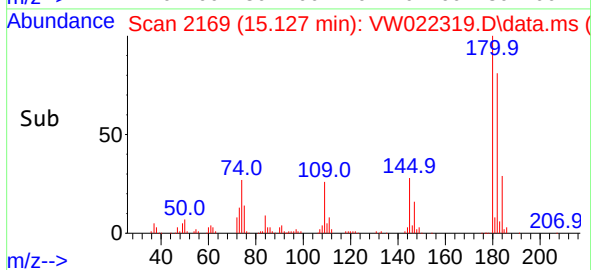
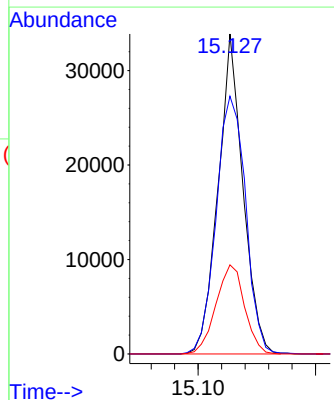
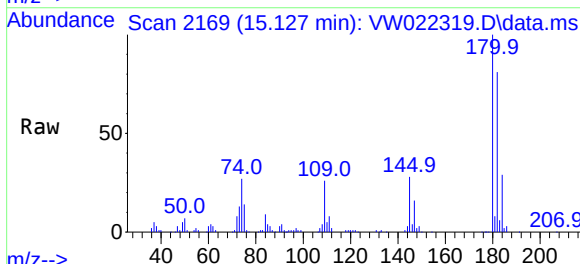
Ion	Ratio	Lower	Upper
180	100		
182	100.6	69.4	104.0
184	32.4	21.8	32.8
145	31.6	24.1	36.1

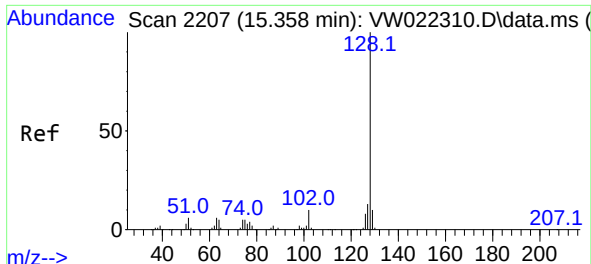


#70
1,2,4-trichlorobenzene
Concen: 19.384 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion:180 Resp: 49662

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.8	116.6
145	32.1	25.8	38.6



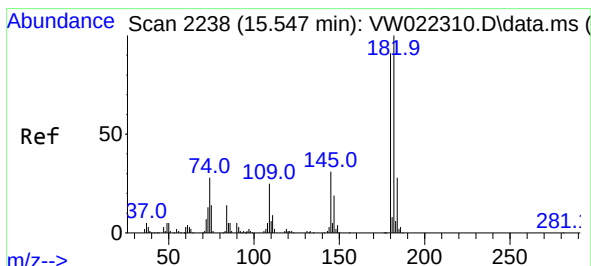
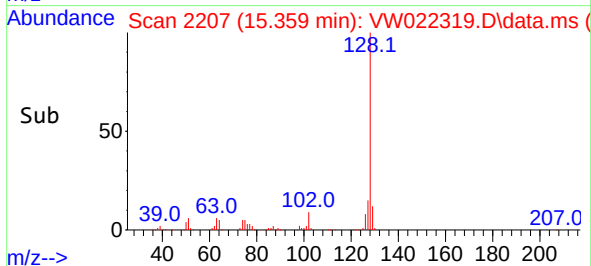
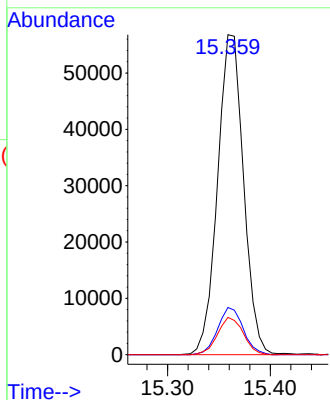
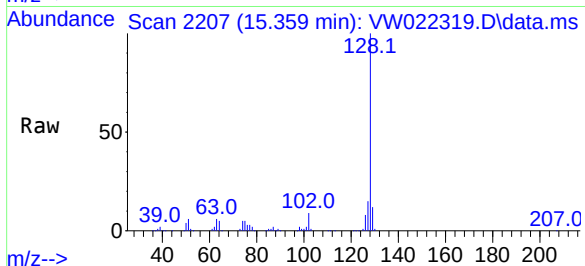


#71
Naphthalene
Concen: 22.060 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MSD

Tgt Ion:128 Resp: 99769

Ion	Ratio	Lower	Upper
128	100		
127	14.5	11.0	16.6
129	11.5	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 19.693 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW022319.D
Acq: 14 Mar 2022 14:47

Tgt Ion:180 Resp: 43638

Ion	Ratio	Lower	Upper
180	100		
182	102.7	79.0	118.4
145	35.5	28.0	42.0

