

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031422\
 Data File : VW022318.D
 Acq On : 14 Mar 2022 14:23
 Operator : SY/VA
 Sample : N1820-04MS
 Misc : 7.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRZ5MS

Quant Time: Mar 15 01:05:38 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	154843	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	150999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82226	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	50475	24.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.960%
7) Chloroethane-d5	2.879	69	38704	24.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
11) 1,1-Dichloroethene-d2	4.013	63	62912	20.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.360%
21) 2-Butanone-d5	7.074	46	22298	65.665	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.340%
24) Chloroform-d	7.647	84	93049	26.934	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.720%
26) 1,2-Dichloroethane-d4	8.305	65	48184	26.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.320%
32) Benzene-d6	8.275	84	168083	23.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.268	67	50062	25.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.600%
41) Toluene-d8	10.323	98	161732	23.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.579	79	22272	25.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.960%
47) 2-Hexanone-d5	10.921	63	18530	57.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	50925	29.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	69422	26.286	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	6421	14.838	ug/L	97
3) Chloromethane	2.209	50	26579	17.924	ug/L	98
5) Vinyl chloride	2.355	62	40433	18.147	ug/L	100
6) Bromomethane	2.776	94	24969	16.046	ug/L	91
8) Chloroethane	2.916	64	22601	18.057	ug/L	99
9) Trichlorofluoromethane	3.257	101	24311	16.071	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35341	19.149	ug/L	97
12) 1,1-Dichloroethene	4.038	96	28975	18.115	ug/L	93
13) Acetone	4.123	43	17584	63.401	ug/L	66
14) Carbon disulfide	4.379	76	54096	13.045	ug/L	98
15) Methyl Acetate	4.672	43	12789	20.483	ug/L	96
16) Methylene chloride	4.916	84	34952	18.390	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	31081	17.691	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	53038	22.190	ug/L #	88
19) 1,1-Dichloroethane	6.220	63	59066	20.767	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	38497	20.228	ug/L	99
22) 2-Butanone	7.171	43	20820	52.258	ug/L	97
23) Bromochloromethane	7.519	128	19026	20.465	ug/L	96
25) Chloroform	7.677	83	71314	21.489	ug/L	97

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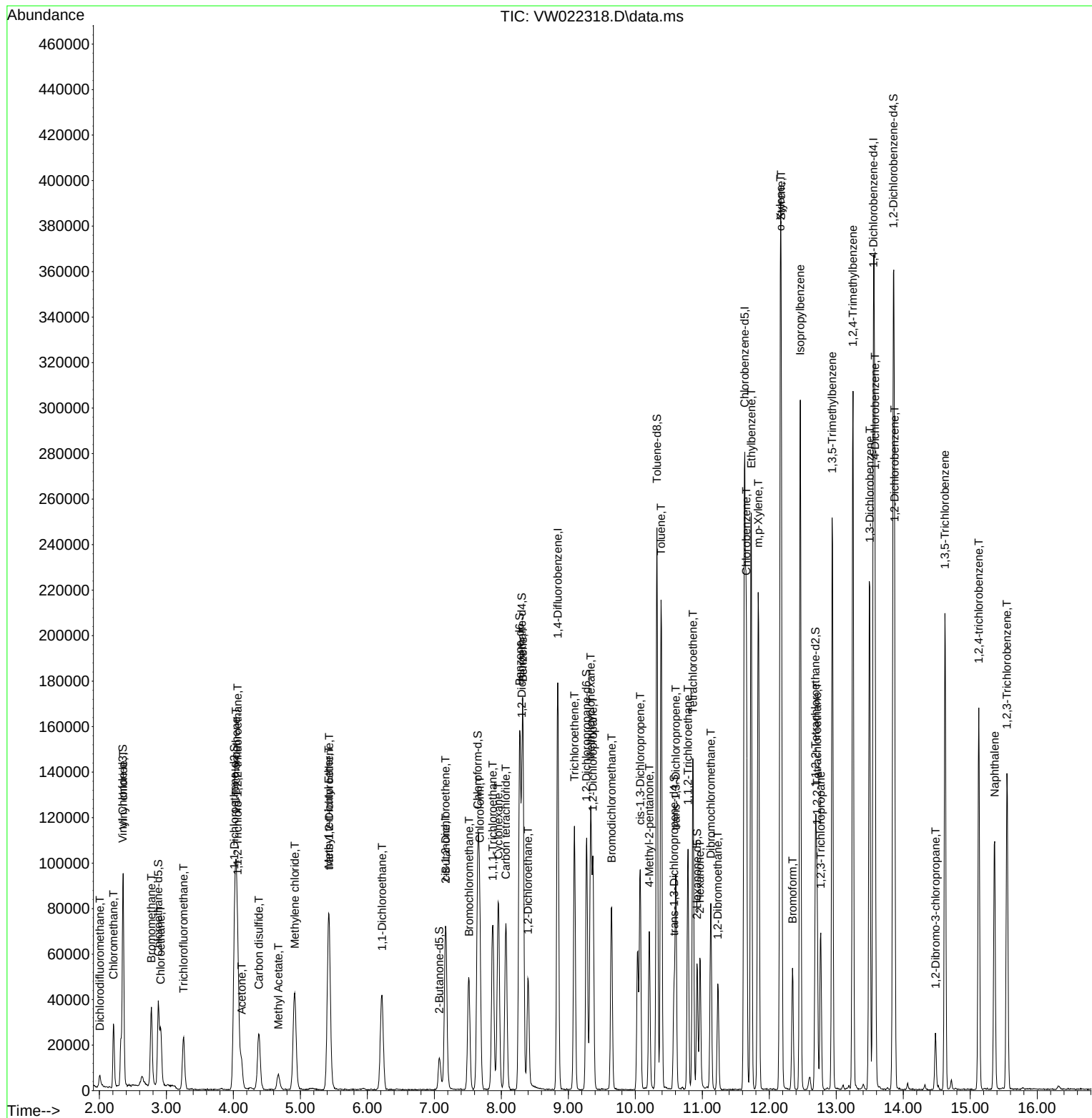
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41833	20.466	ug/L	99
29) Cyclohexane	7.958	56	41232	16.408	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	58530	19.266	ug/L	98
31) Carbon tetrachloride	8.067	117	55960	19.382	ug/L	99
33) Benzene	8.323	78	137731	18.866	ug/L	100
34) Trichloroethene	9.092	95	38080	18.218	ug/L	95
35) Methylcyclohexane	9.335	83	52536	16.249	ug/L	98
37) 1,2-Dichloropropane	9.366	63	35037	20.572	ug/L	98
38) Bromodichloromethane	9.646	83	52581	21.529	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	55900	21.593	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	40747	44.302	ug/L	98
42) Toluene	10.384	91	161334	19.526	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	49890	21.445	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	30892	20.455	ug/L	93
46) Tetrachloroethene	10.860	164	31649	17.284	ug/L	93
48) 2-Hexanone	10.963	43	33611	52.652	ug/L	97
49) Dibromochloromethane	11.128	129	40697	22.185	ug/L	95
50) 1,2-Dibromoethane	11.231	107	29836	20.482	ug/L	100
51) Chlorobenzene	11.658	112	112819	19.619	ug/L	99
52) Ethylbenzene	11.731	91	180426	19.730	ug/L	100
53) m,p-Xylene	11.835	106	75103	19.959	ug/L	95
54) o-Xylene	12.164	106	71822	20.286	ug/L	89
55) Styrene	12.176	104	130002	21.903	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	38078	21.730	ug/L	94
59) Bromoform	12.347	173	23453	21.569	ug/L #	97
60) Isopropylbenzene	12.463	105	193975	19.652	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	26891	20.721	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	133903	20.401	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	163386	20.369	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	96352	19.678	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	100653	20.513	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	89243	20.500	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5786	21.090	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.621	180	61087	17.382	ug/L	88
70) 1,2,4-trichlorobenzene	15.127	180	50832	19.116	ug/L	98
71) Naphthalene	15.365	128	96471	20.551	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	44704	19.436	ug/L	99

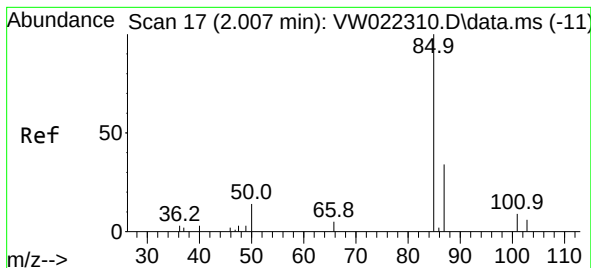
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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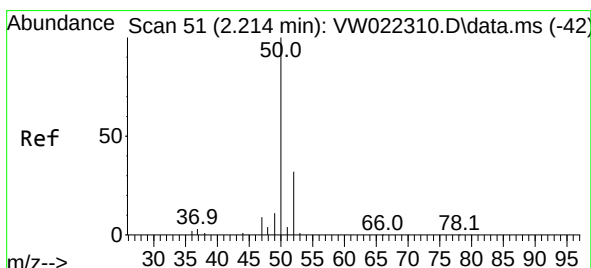
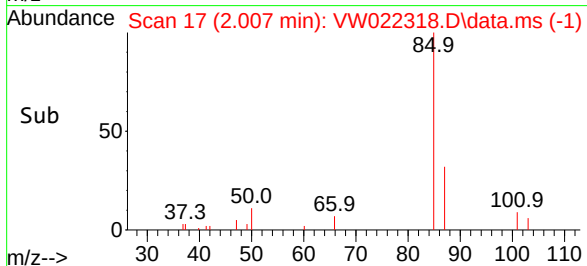
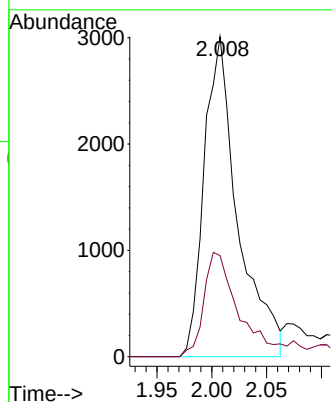
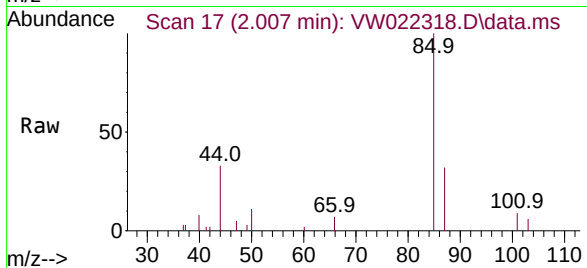




#2
 Dichlorodifluoromethane
 Concen: 14.838 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022318.D
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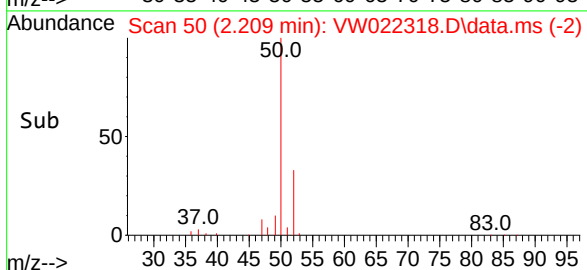
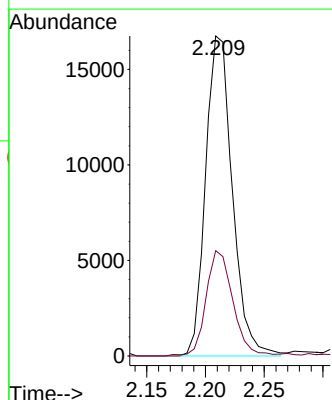
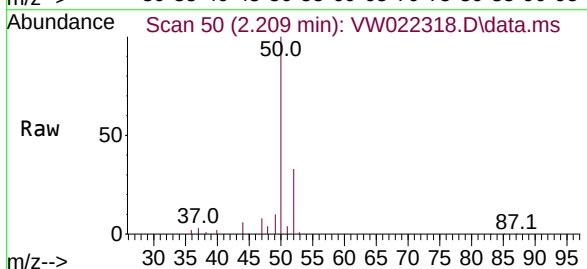
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 ClientSampleId :
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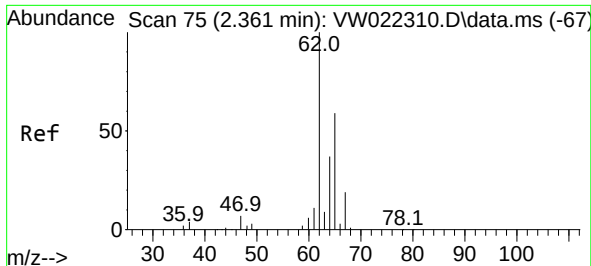
Tgt Ion: 85 Resp: 6421
 Ion Ratio Lower Upper
 85 100
 87 32.7 27.6 41.4



#3
 Chloromethane
 Concen: 17.924 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW022318.D
 Acq: 14 Mar 2022 14:23

Tgt Ion: 50 Resp: 26579
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.9 44.5

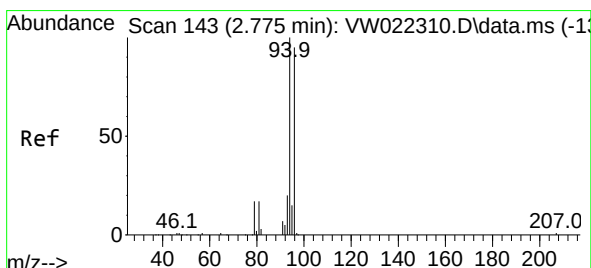
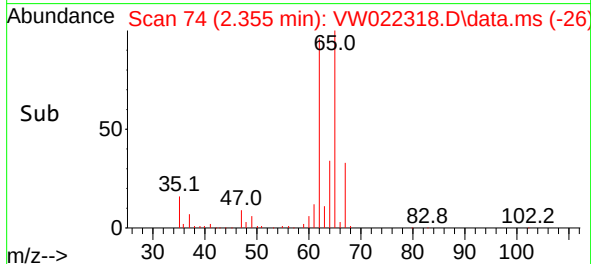
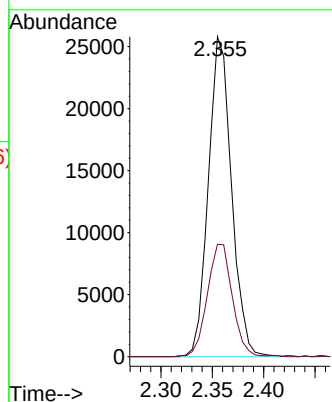
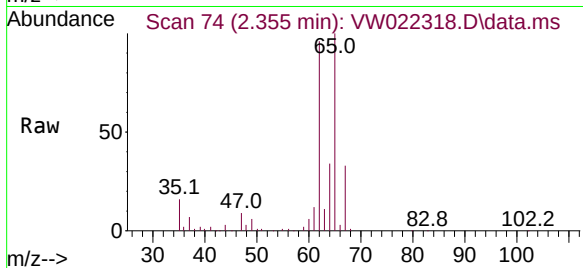




#5
 Vinyl chloride
 Concen: 18.147 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022318.D
 Acq: 14 Mar 2022 14:23

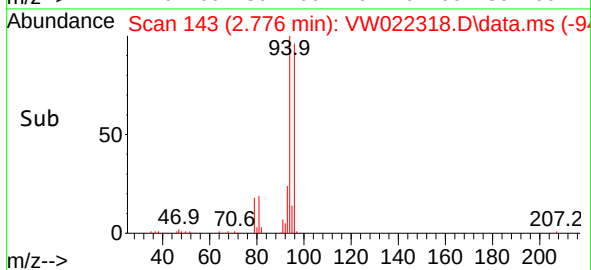
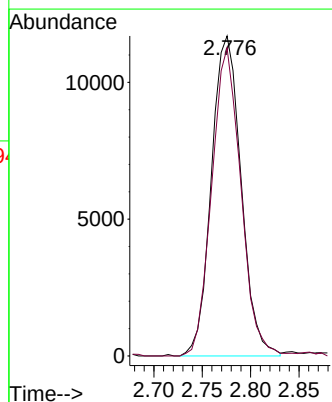
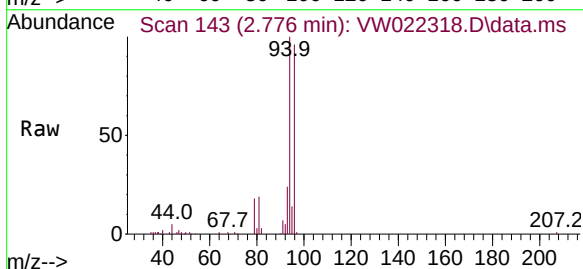
Instrument :
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 ClientSampleId :
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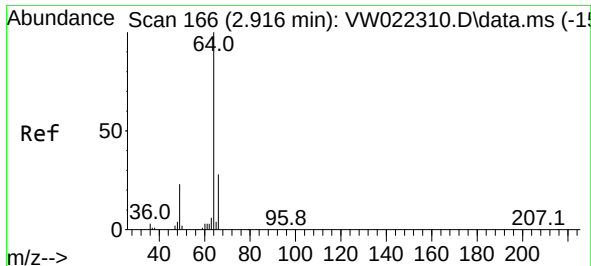
Tgt Ion: 62 Resp: 40433
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.7 45.9



#6
 Bromomethane
 Concen: 16.046 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022318.D
 Acq: 14 Mar 2022 14:23

Tgt Ion: 94 Resp: 24969
 Ion Ratio Lower Upper
 94 100
 96 96.3 61.2 113.8

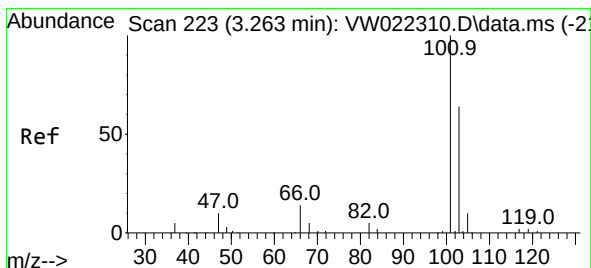
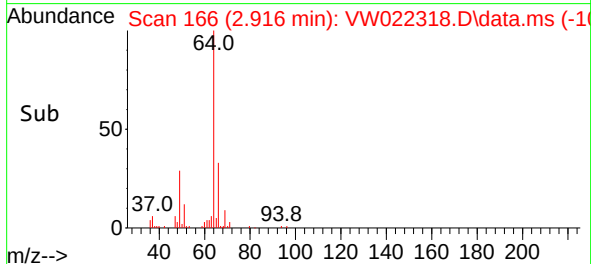
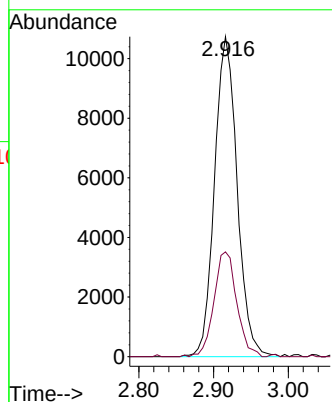
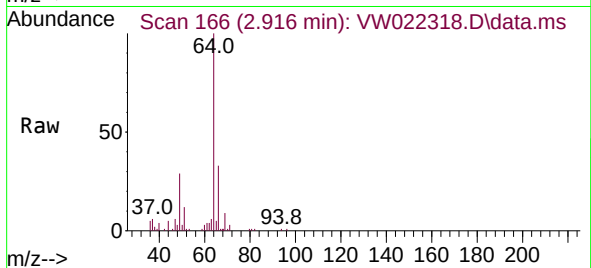




#8
Chloroethane
Concen: 18.057 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

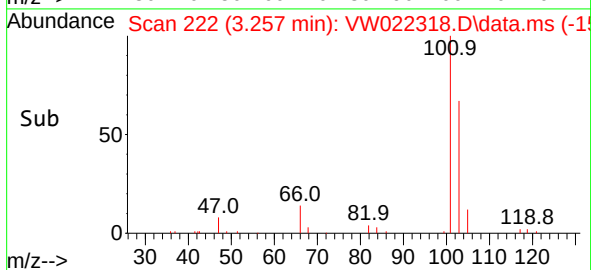
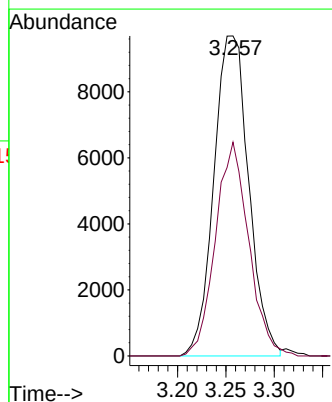
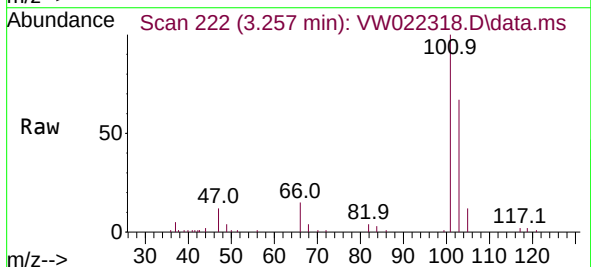
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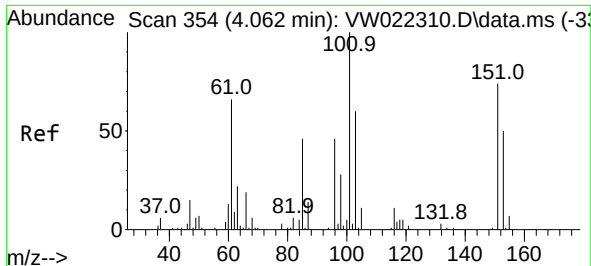
Tgt Ion: 64 Resp: 22601
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 16.071 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 101 Resp: 24311
Ion Ratio Lower Upper
101 100
103 63.7 53.2 79.8

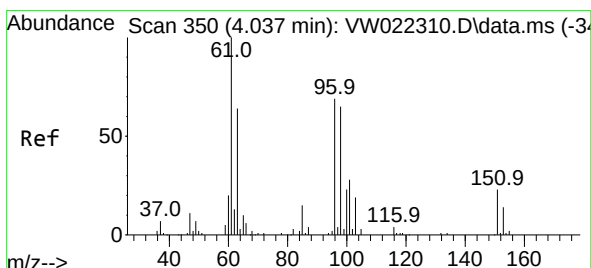
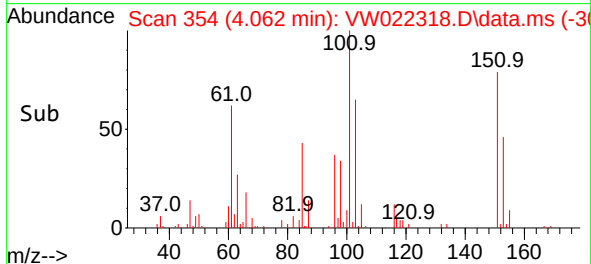
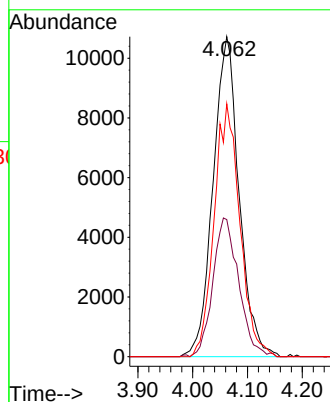
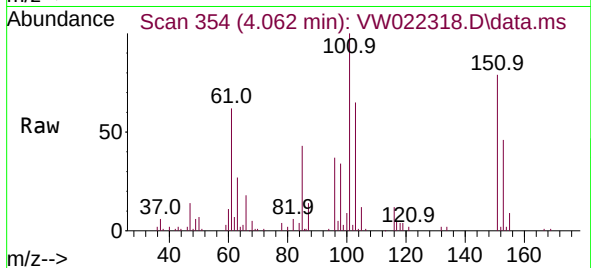




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.149 ug/L
RT: 4.062 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW022318.D
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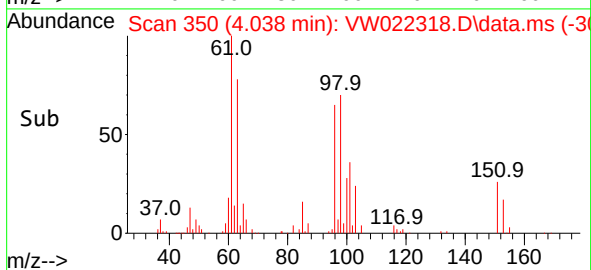
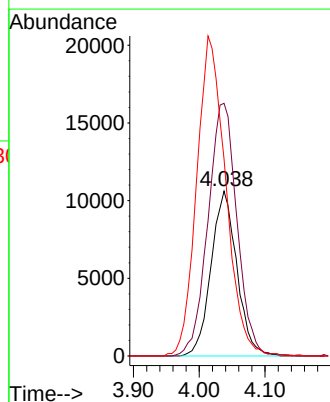
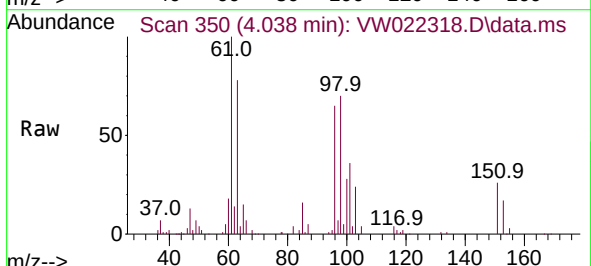
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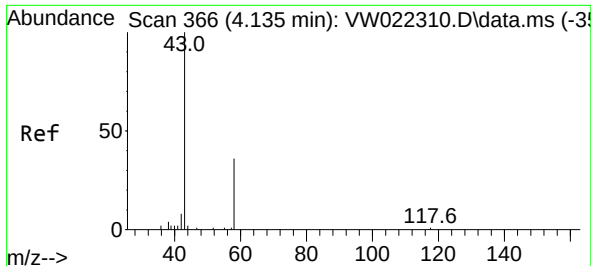
Tgt Ion:101 Resp: 35341
Ion Ratio Lower Upper
101 100
85 42.7 34.4 51.6
151 78.0 59.0 88.4



#12
1,1-Dichloroethene
Concen: 18.115 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 96 Resp: 28975
Ion Ratio Lower Upper
96 100
61 153.4 108.4 201.2
63 119.6 72.0 133.6

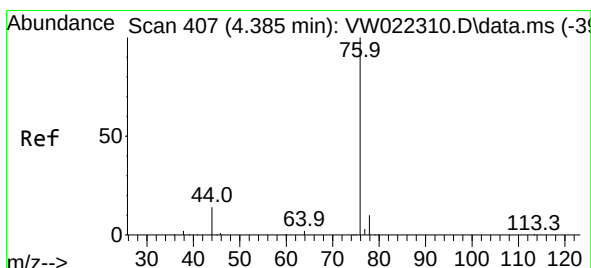
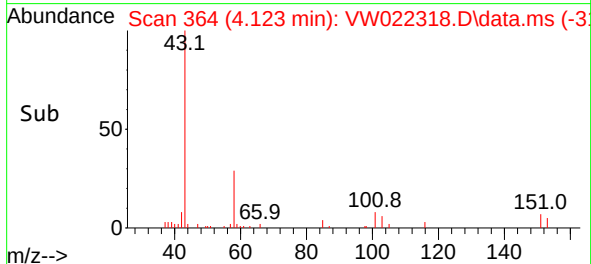
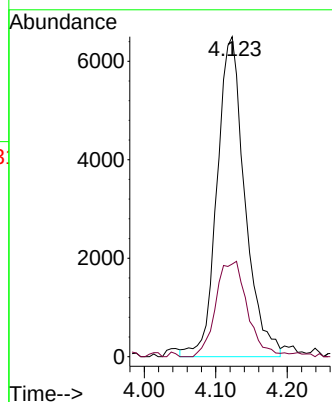
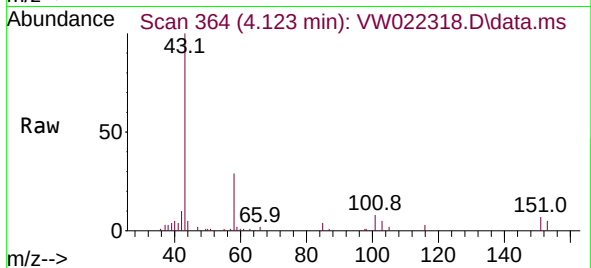




#13
Acetone
Concen: 63.401 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

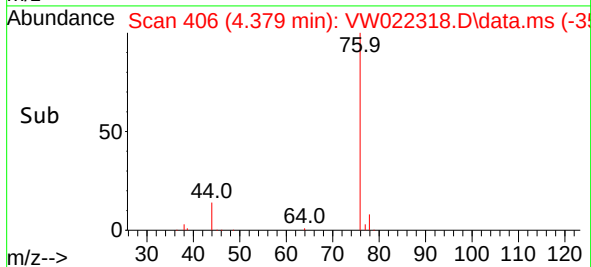
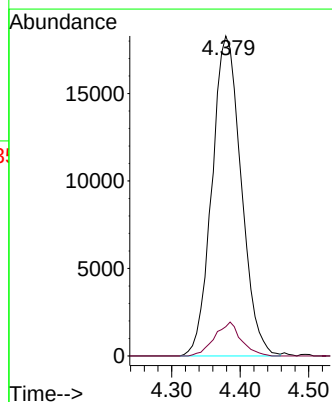
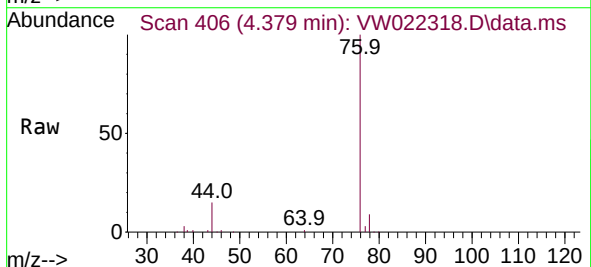
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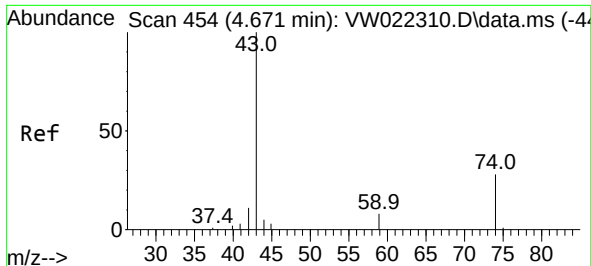
Tgt Ion: 43 Resp: 17584
Ion Ratio Lower Upper
43 100
58 15.1 0.0 69.2



#14
Carbon disulfide
Concen: 13.045 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 54096
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

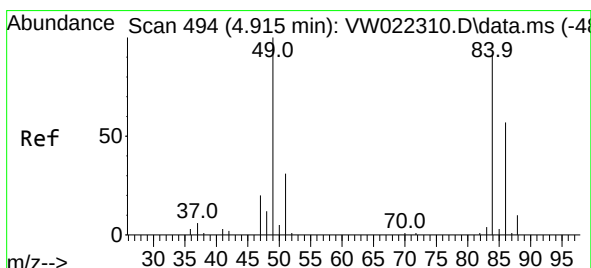
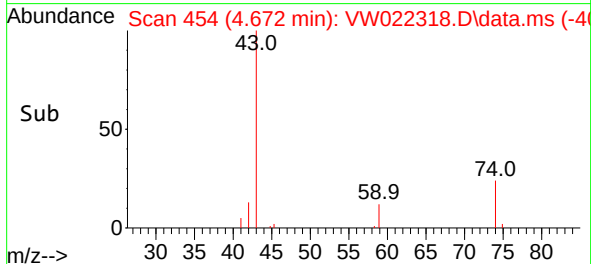
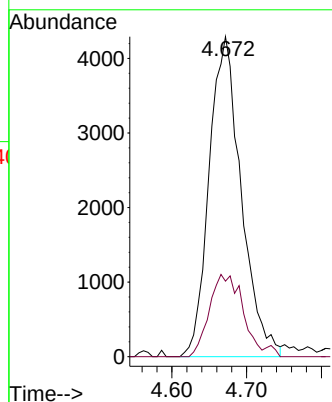
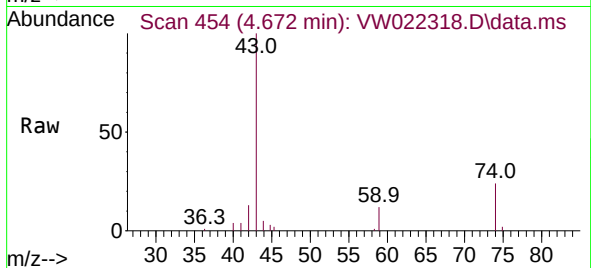




#15
Methyl Acetate
Concen: 20.483 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

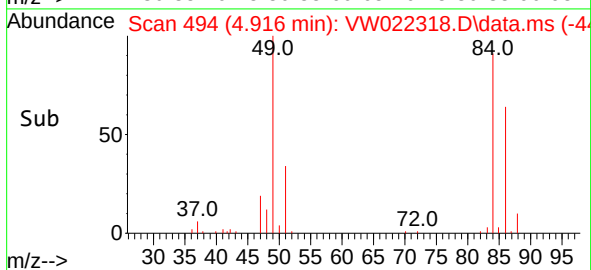
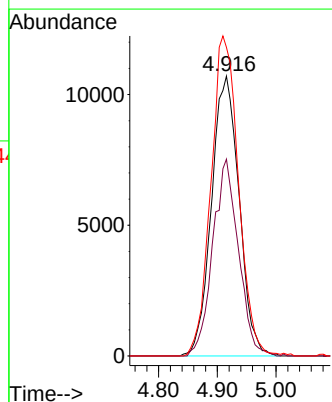
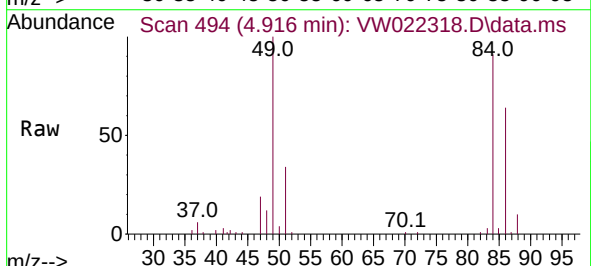
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

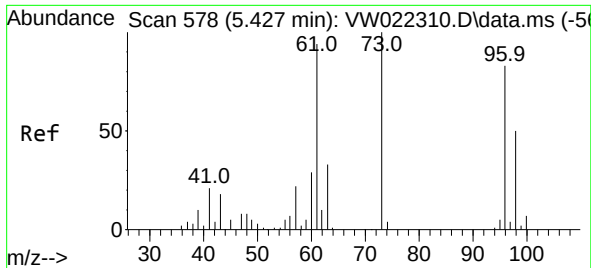
Tgt Ion: 43 Resp: 12789
Ion Ratio Lower Upper
43 100
74 26.5 23.0 34.6



#16
Methylene chloride
Concen: 18.390 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 84 Resp: 34952
Ion Ratio Lower Upper
84 100
86 70.4 45.8 85.0
49 110.3 73.8 137.0

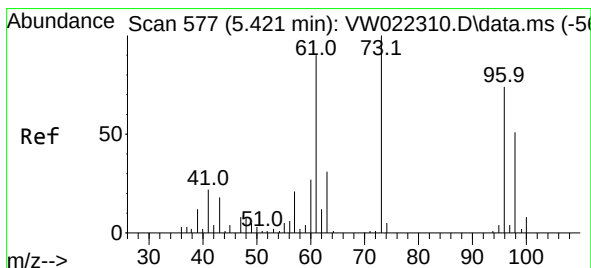
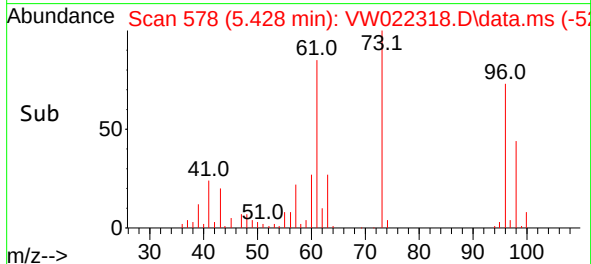
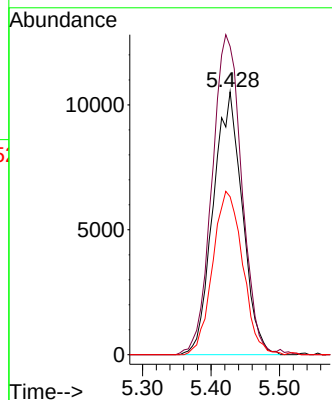
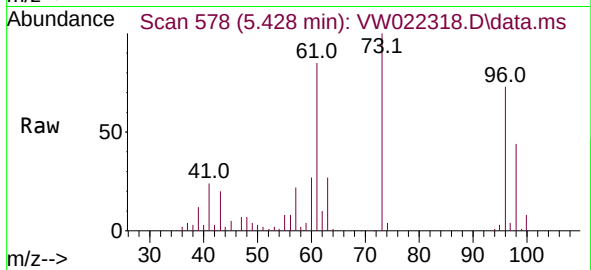




#17
trans-1,2-Dichloroethene
Concen: 17.691 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

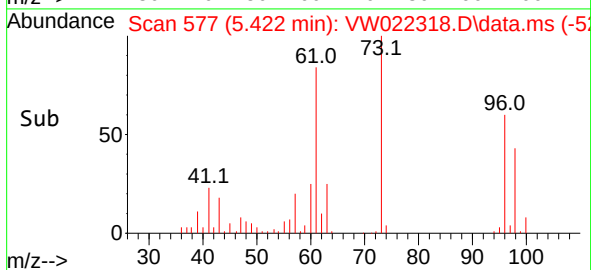
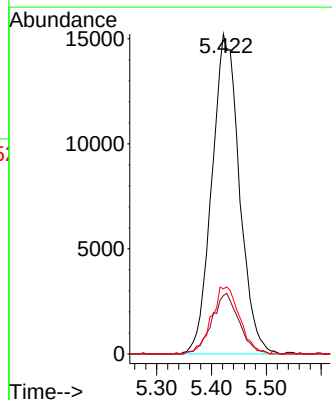
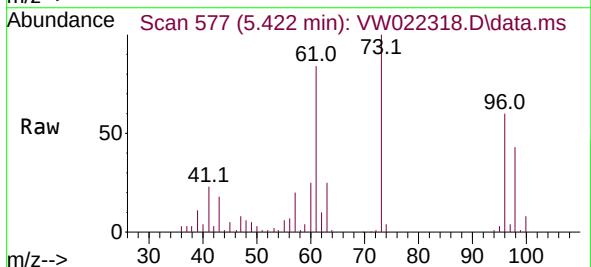
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

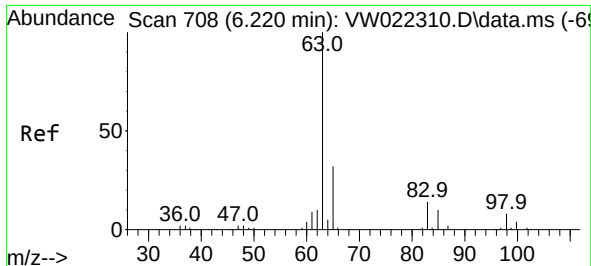
Tgt Ion: 96 Resp: 31081
Ion Ratio Lower Upper
96 100
61 117.2 87.3 162.1
98 60.0 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 22.190 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 73 Resp: 53038
Ion Ratio Lower Upper
73 100
43 18.7 15.4 23.2
57 10.2 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 20.767 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MS

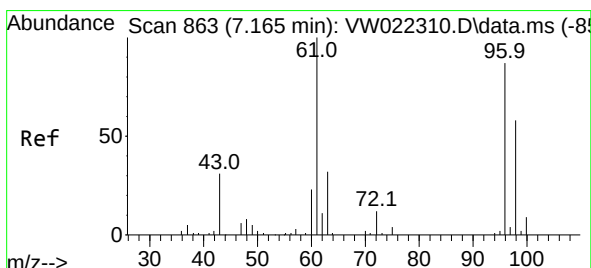
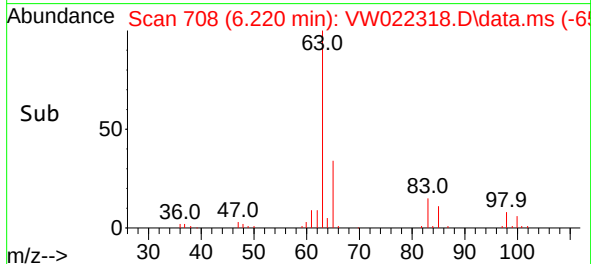
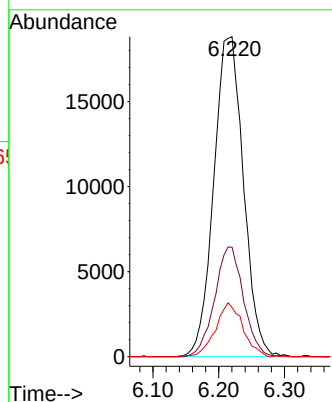
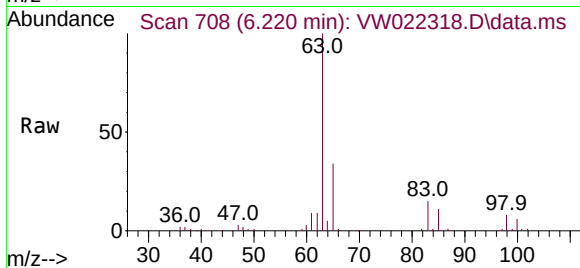
Tgt Ion: 63 Resp: 59066

Ion Ratio Lower Upper

63 100

65 34.2 22.5 41.9

83 15.4 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 20.228 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

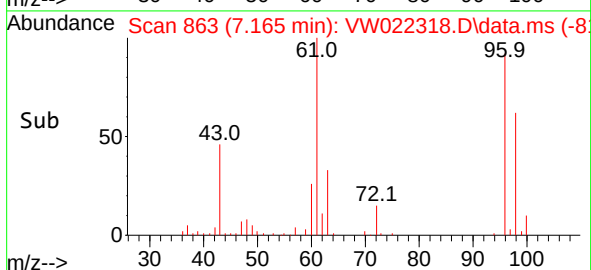
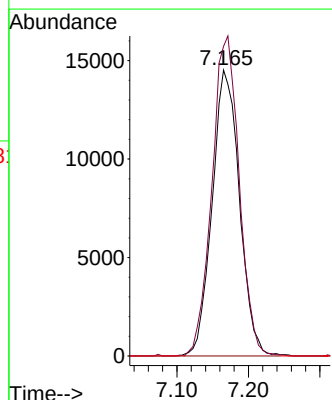
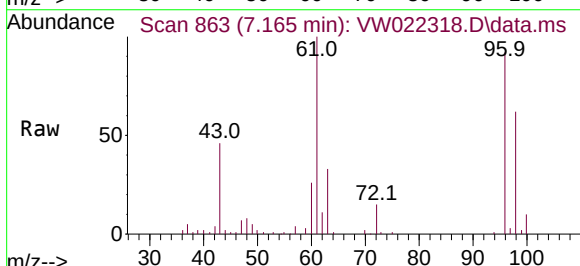
Tgt Ion: 96 Resp: 38497

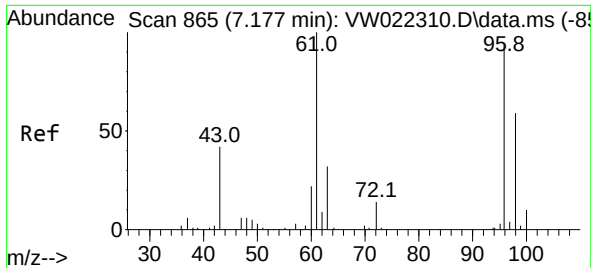
Ion Ratio Lower Upper

96 100

61 108.3 76.8 142.6

68 0.0 0.0 0.0

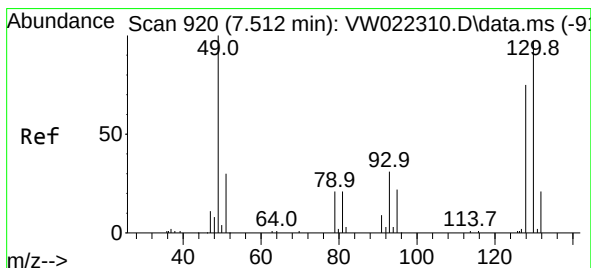
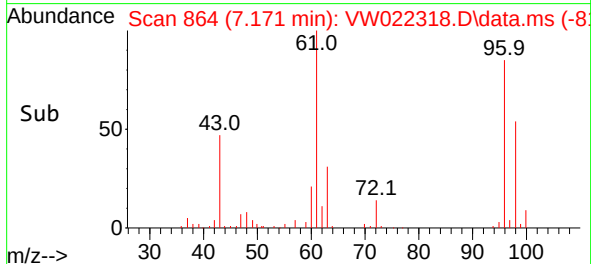
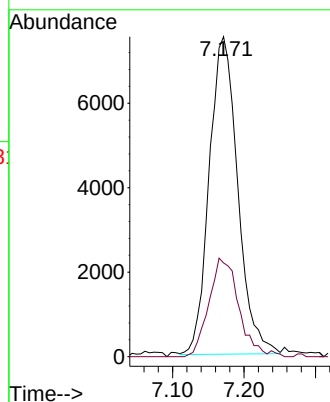
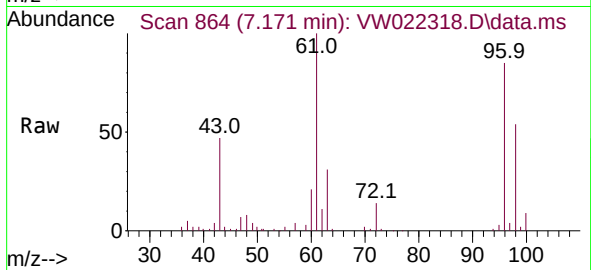




#22
2-Butanone
Concen: 52.258 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

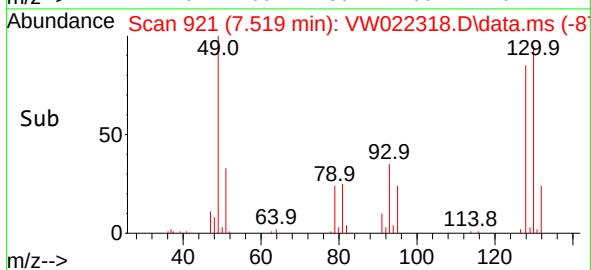
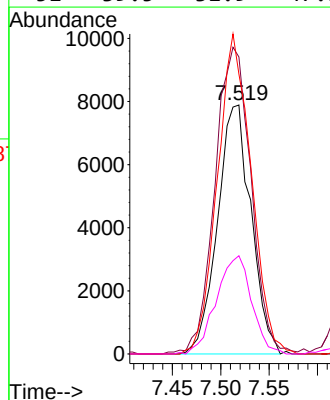
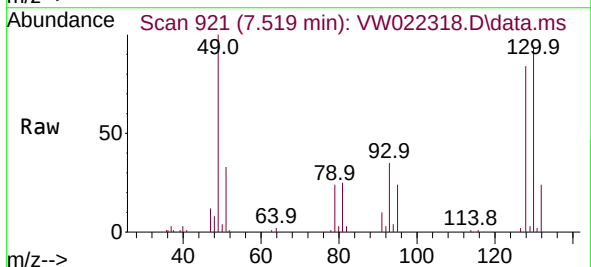
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

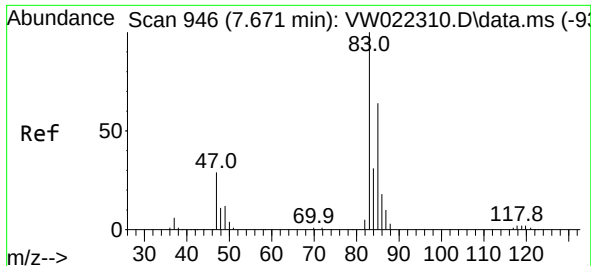
Tgt Ion: 43 Resp: 20820
Ion Ratio Lower Upper
43 100
72 32.1 17.0 51.0



#23
Bromochloromethane
Concen: 20.465 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 128 Resp: 19026
Ion Ratio Lower Upper
128 100
49 119.2 84.2 156.4
130 112.4 84.8 157.4
51 39.5 31.9 47.9

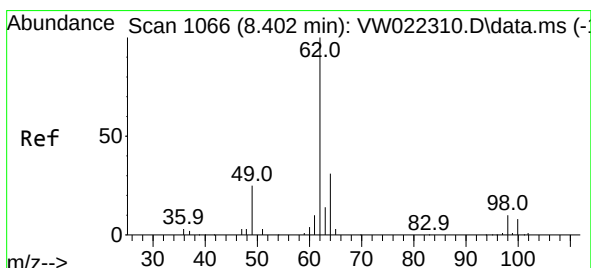
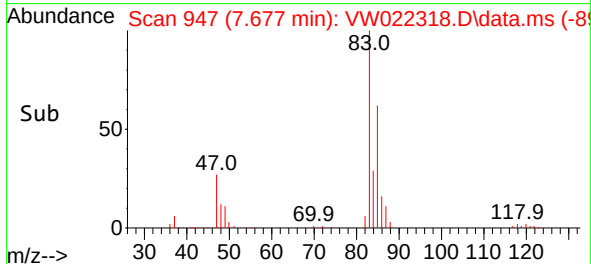
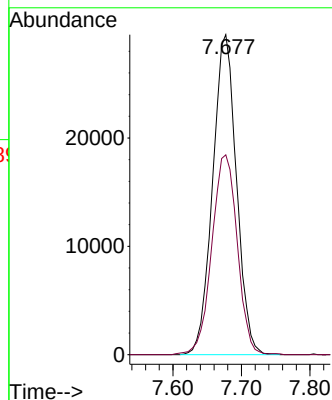
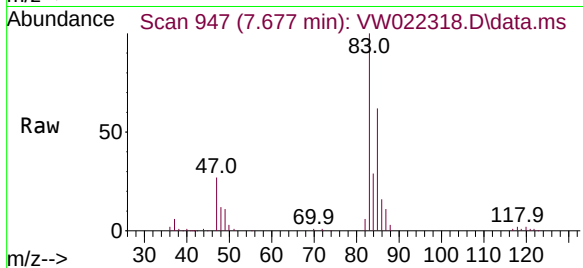




#25
Chloroform
Concen: 21.489 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

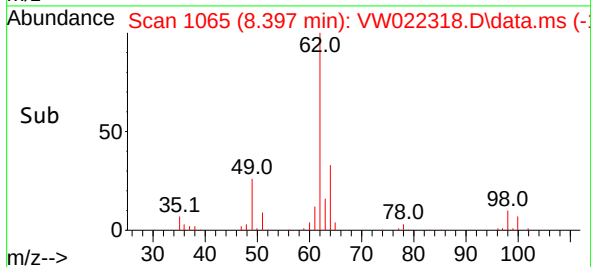
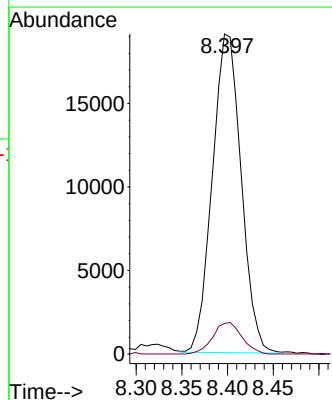
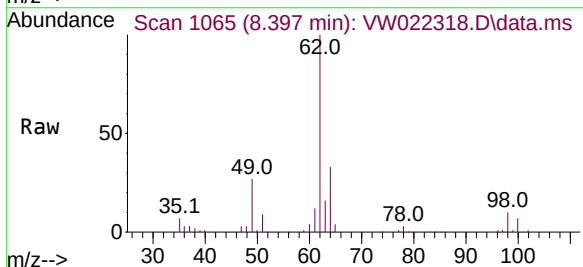
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

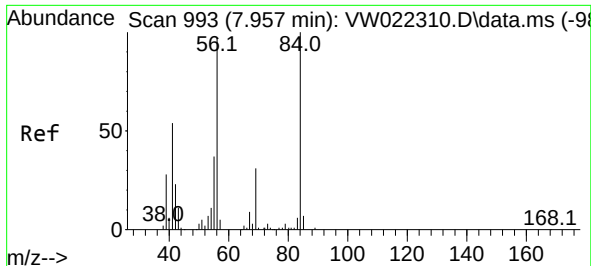
Tgt Ion: 83 Resp: 71314
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 20.466 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 62 Resp: 41833
Ion Ratio Lower Upper
62 100
98 9.5 7.9 11.9





#29

Cyclohexane

Concen: 16.408 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MS

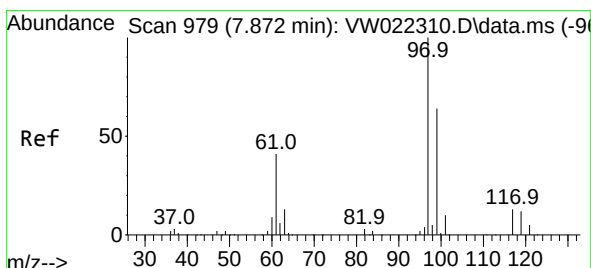
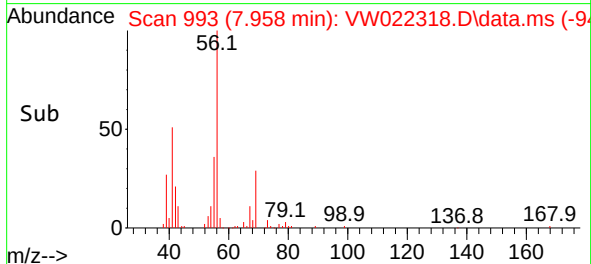
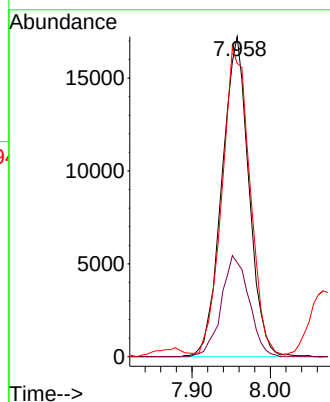
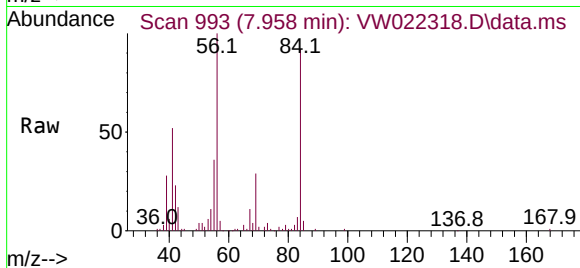
Tgt Ion: 56 Resp: 41232

Ion Ratio Lower Upper

56 100

69 32.3 26.3 39.5

84 100.6 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 19.266 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

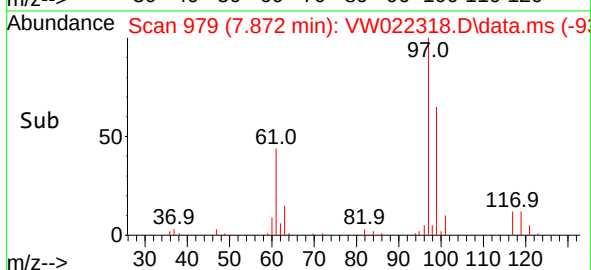
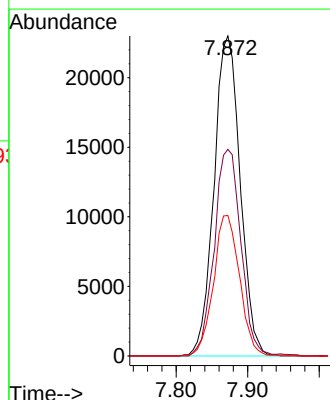
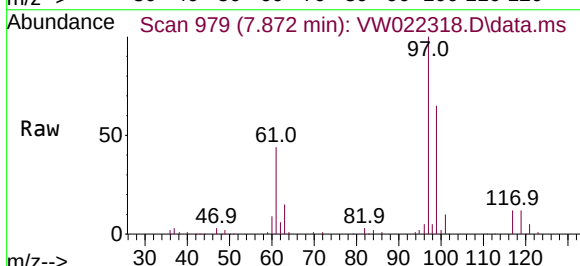
Tgt Ion: 97 Resp: 58530

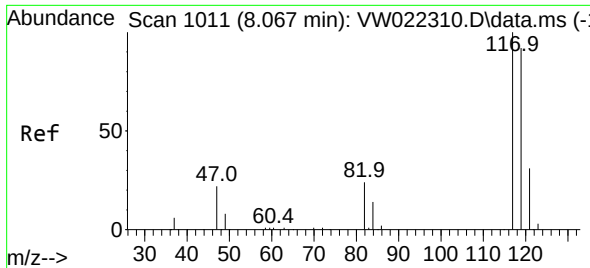
Ion Ratio Lower Upper

97 100

99 65.6 52.6 78.8

61 43.7 33.0 49.6

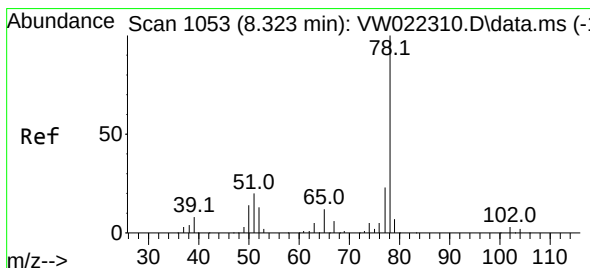
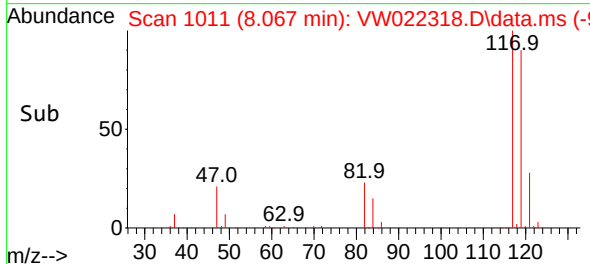
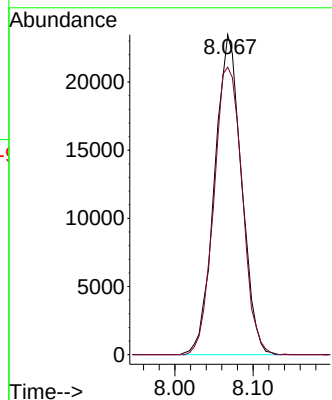
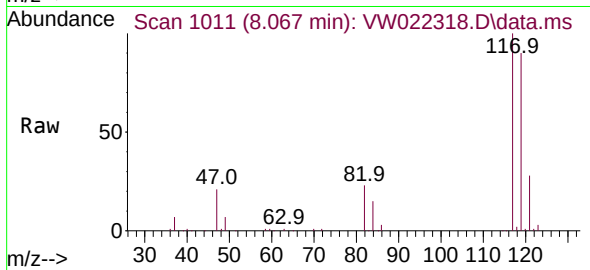




#31
Carbon tetrachloride
Concen: 19.382 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

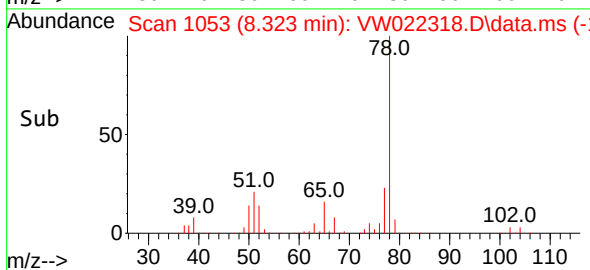
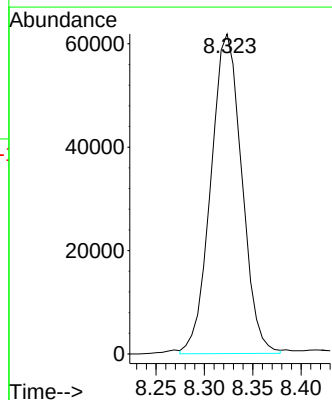
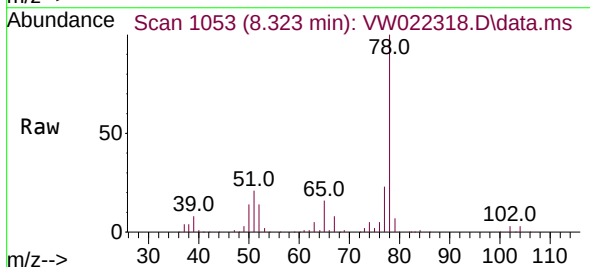
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

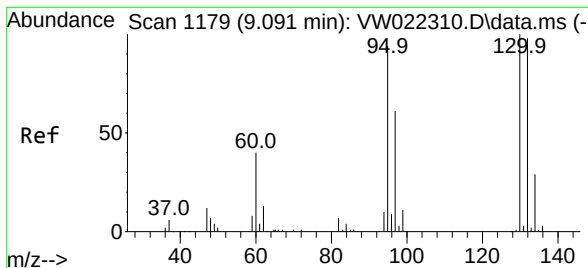
Tgt Ion:117 Resp: 55960
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1



#33
Benzene
Concen: 18.866 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 78 Resp: 137731





#34

Trichloroethene

Concen: 18.218 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MS

Tgt Ion: 95 Resp: 38080

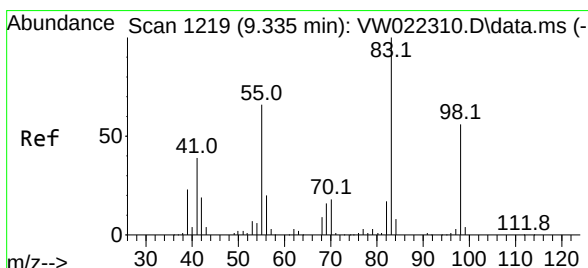
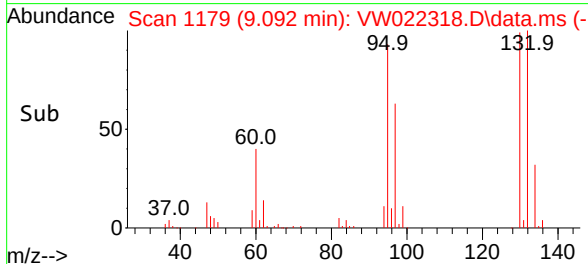
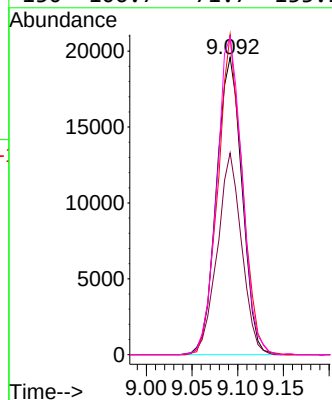
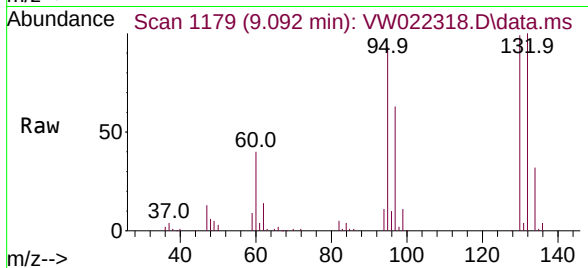
Ion Ratio Lower Upper

95 100

97 67.9 44.4 82.4

132 107.6 71.7 133.1

130 106.7 71.7 133.1



#35

Methylcyclohexane

Concen: 16.249 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

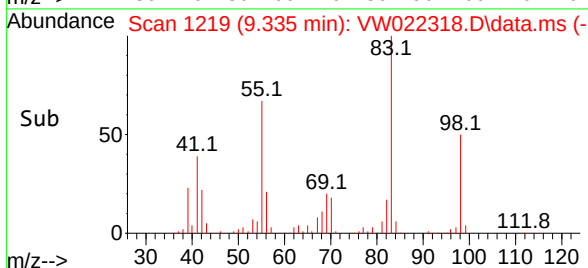
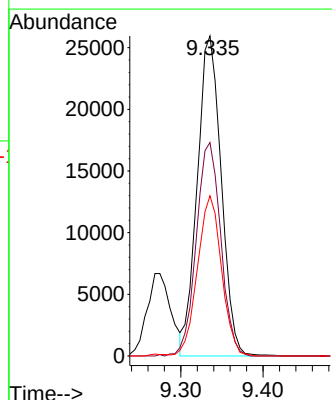
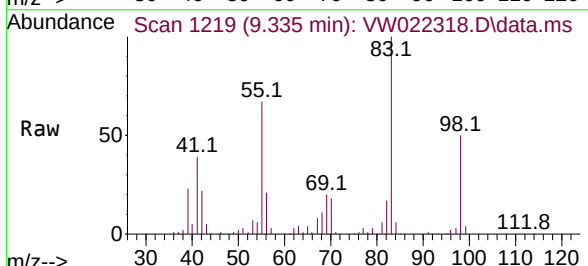
Tgt Ion: 83 Resp: 52536

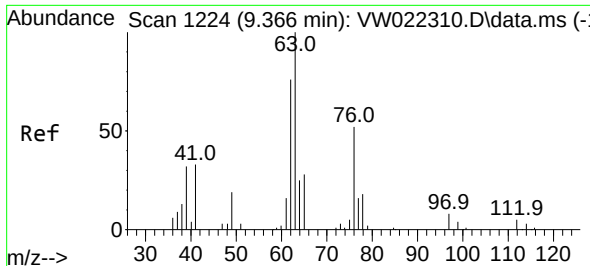
Ion Ratio Lower Upper

83 100

55 67.9 53.8 80.8

98 50.2 42.1 63.1





#37

1,2-Dichloropropane

Concen: 20.572 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

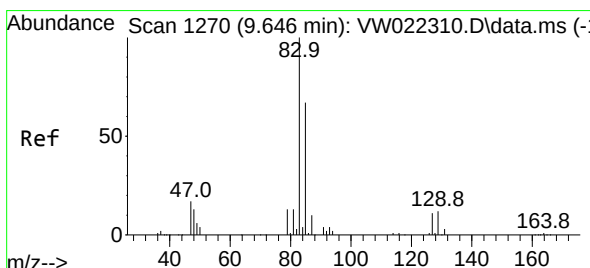
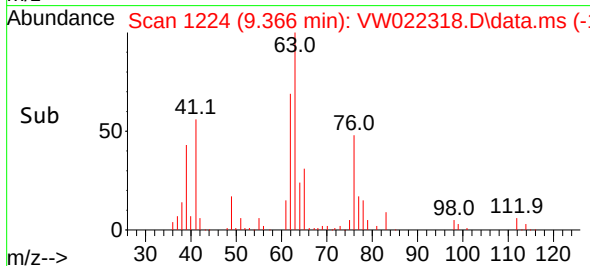
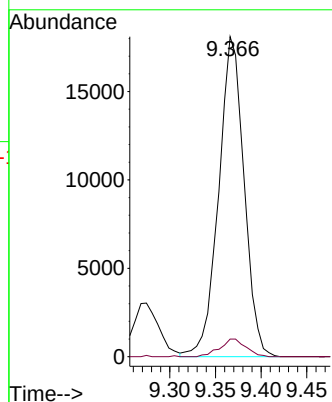
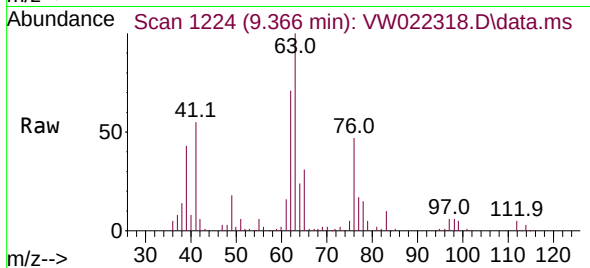
DBRZ5MS

Tgt Ion: 63 Resp: 35037

Ion Ratio Lower Upper

63 100

112 5.6 4.1 6.1



#38

Bromodichloromethane

Concen: 21.529 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

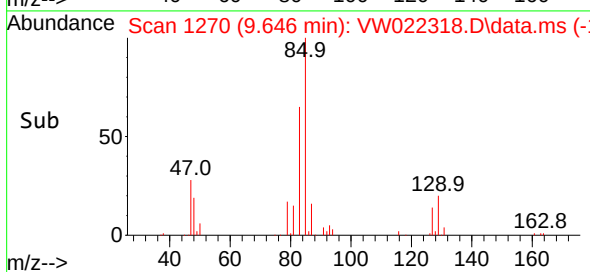
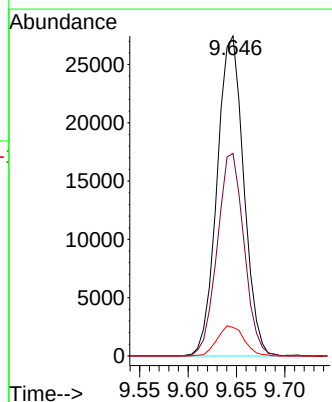
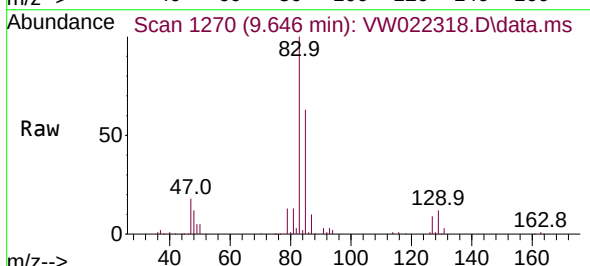
Tgt Ion: 83 Resp: 52581

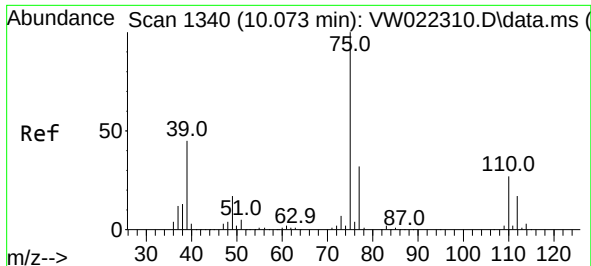
Ion Ratio Lower Upper

83 100

85 63.3 47.9 89.1

127 8.9 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 21.593 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

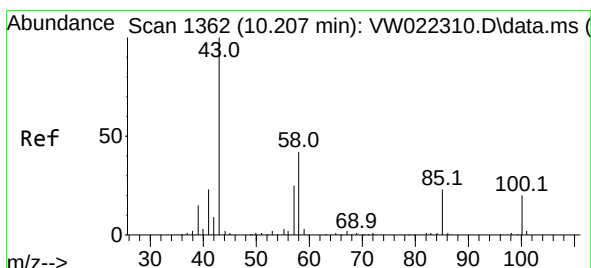
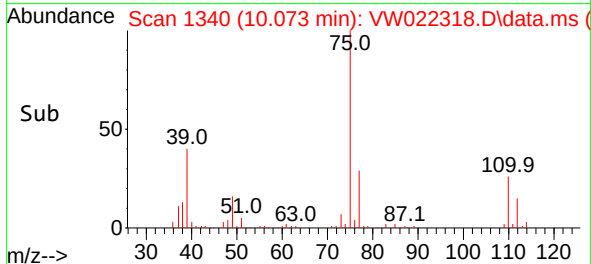
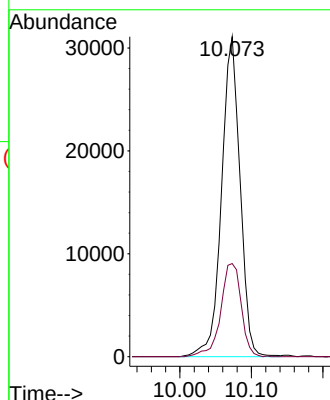
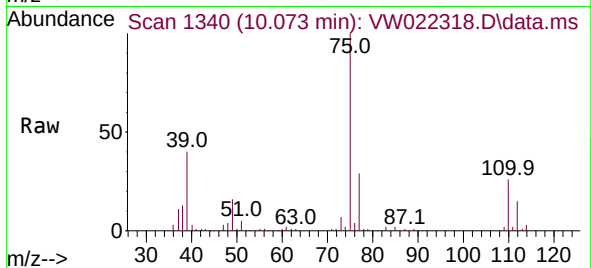
DBRZ5MS

Tgt Ion: 75 Resp: 55900

Ion Ratio Lower Upper

75 100

77 29.1 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 44.302 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

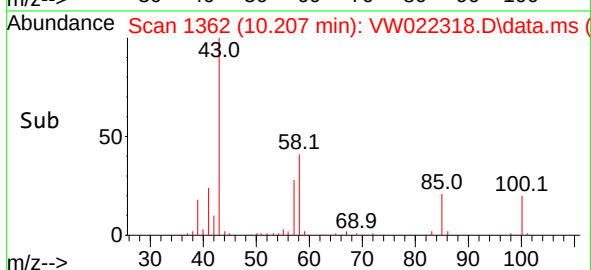
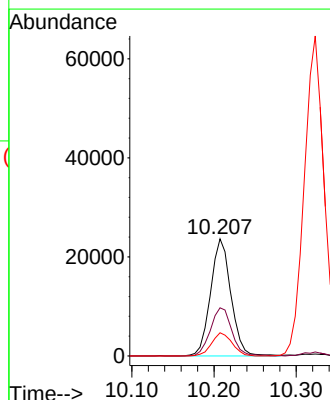
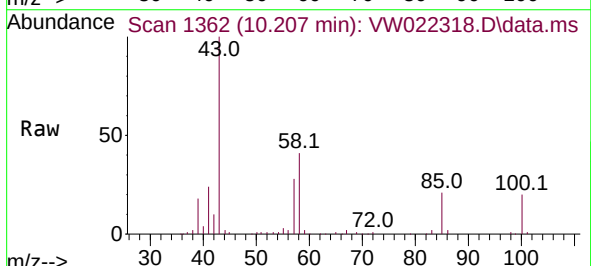
Tgt Ion: 43 Resp: 40747

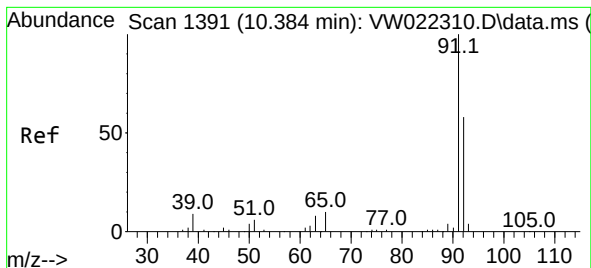
Ion Ratio Lower Upper

43 100

58 43.1 33.2 49.8

100 19.8 16.1 24.1





#42

Toluene

Concen: 19.526 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

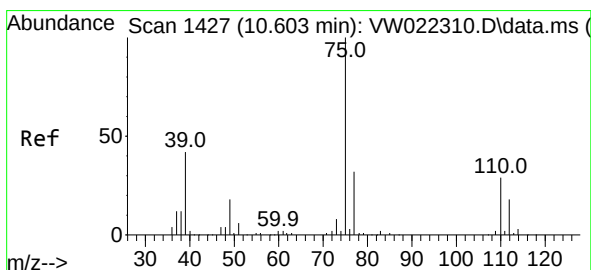
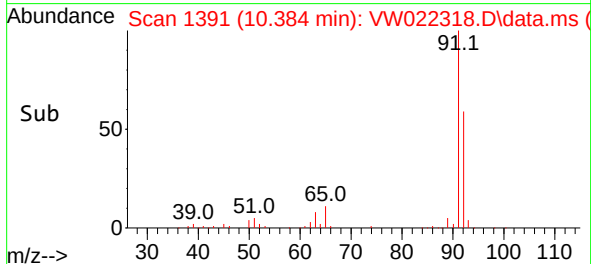
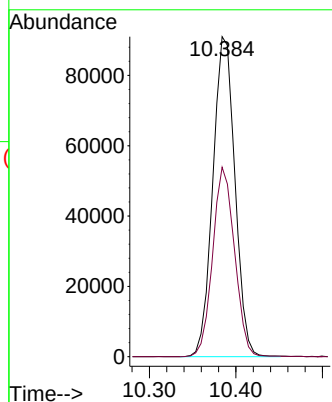
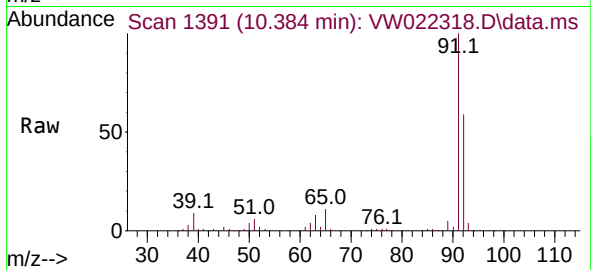
DBRZ5MS

Tgt Ion: 91 Resp: 161334

Ion Ratio Lower Upper

91 100

92 59.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 21.445 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022318.D

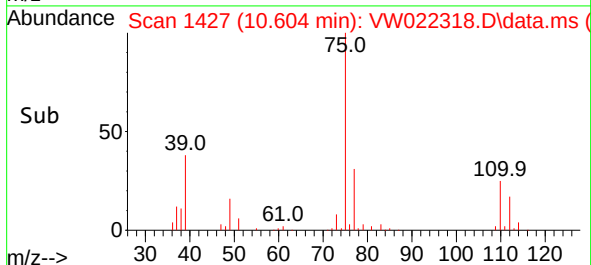
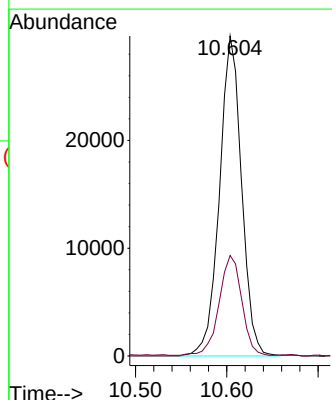
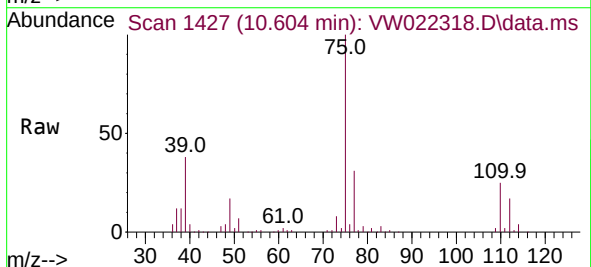
Acq: 14 Mar 2022 14:23

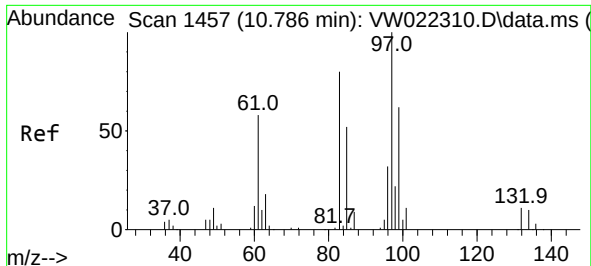
Tgt Ion: 75 Resp: 49890

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

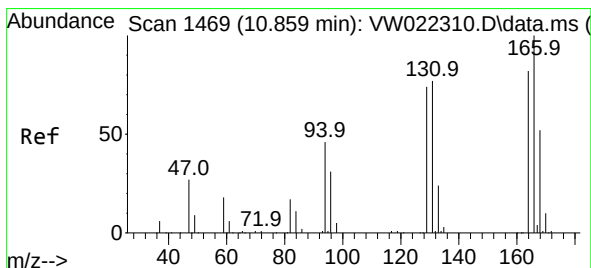
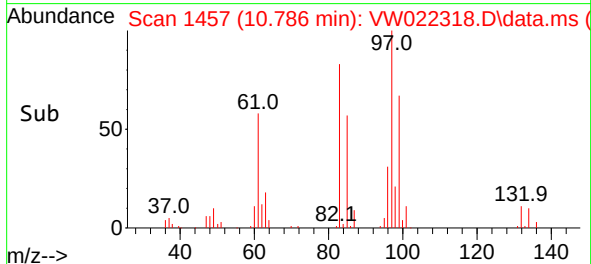
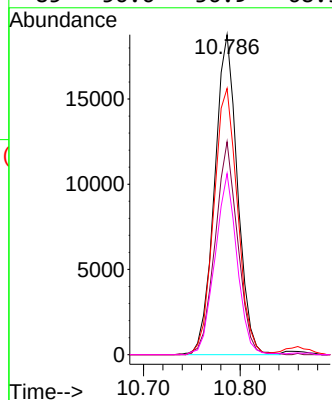
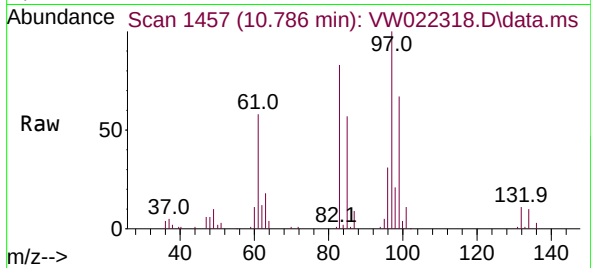




#45
1,1,2-Trichloroethane
Concen: 20.455 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

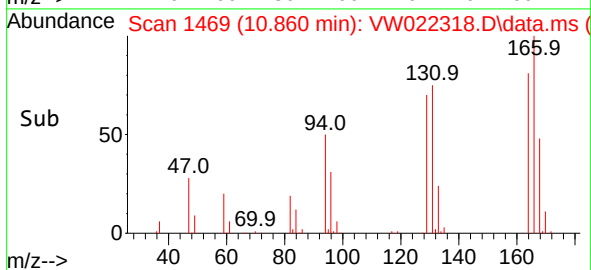
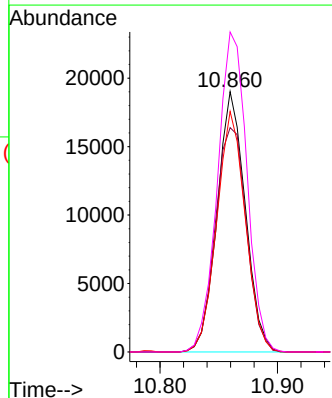
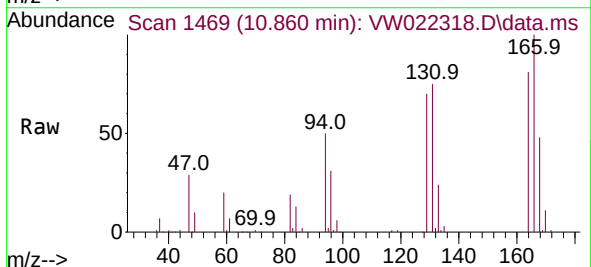
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

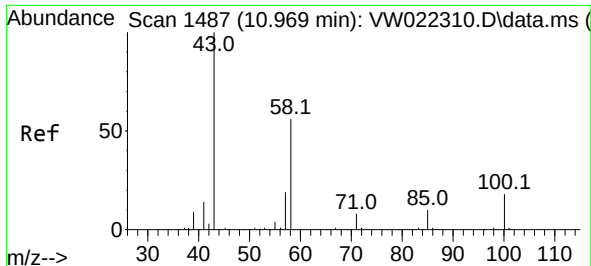
Tgt Ion:	97	Resp:	30892
Ion	Ratio	Lower	Upper
97	100		
99	66.5	43.5	80.7
83	83.2	53.5	99.3
85	56.6	36.9	68.5



#46
Tetrachloroethene
Concen: 17.284 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion:	164	Resp:	31649
Ion	Ratio	Lower	Upper
164	100		
129	86.2	60.3	111.9
131	92.4	59.9	111.3
166	122.9	77.0	143.0

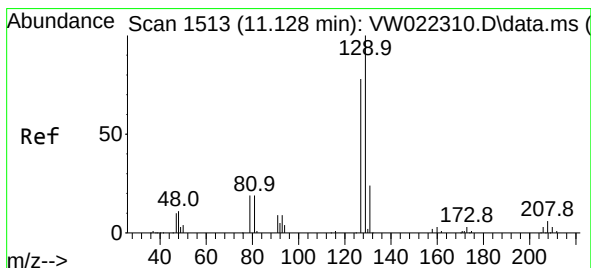
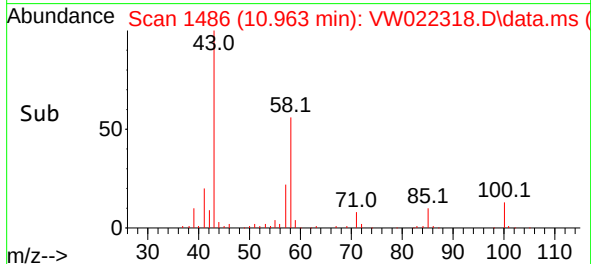
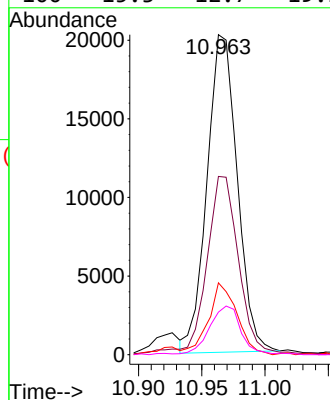
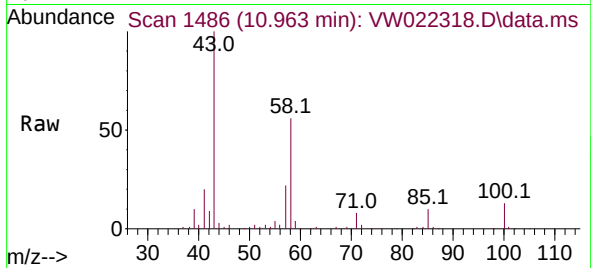




#48
2-Hexanone
Concen: 52.652 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

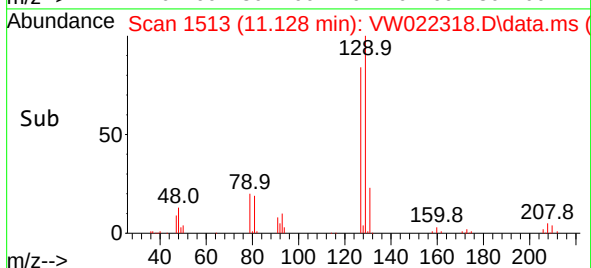
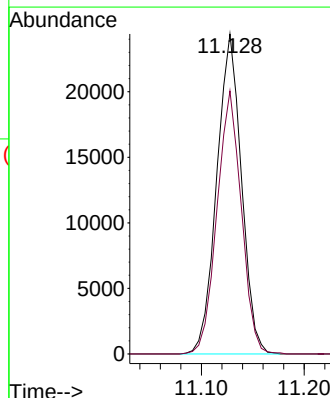
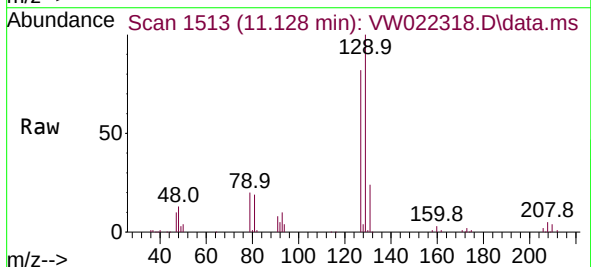
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

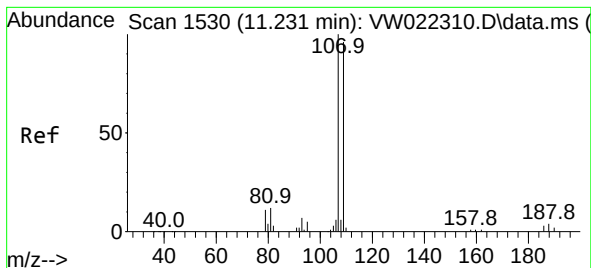
Tgt Ion:	43	Resp:	33611
Ion	Ratio	Lower	Upper
43	100		
58	58.1	44.6	66.8
57	21.4	15.8	23.8
100	15.3	12.7	19.1



#49
Dibromochloromethane
Concen: 22.185 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion:	129	Resp:	40697
Ion	Ratio	Lower	Upper
129	100		
127	82.2	54.5	101.1

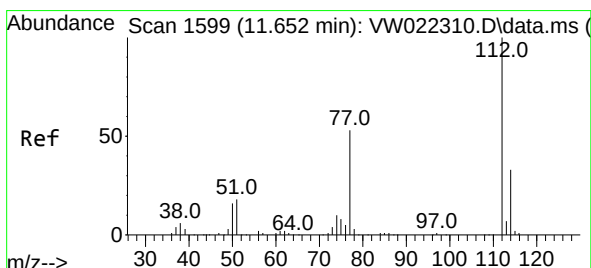
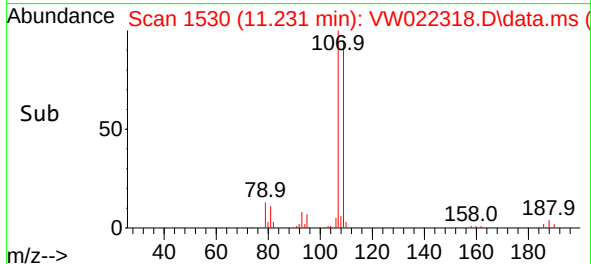
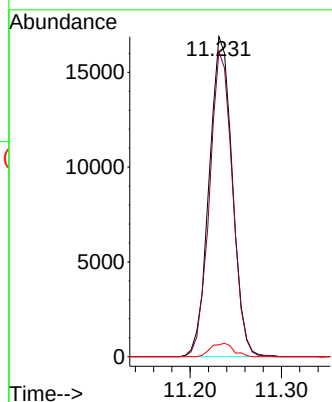
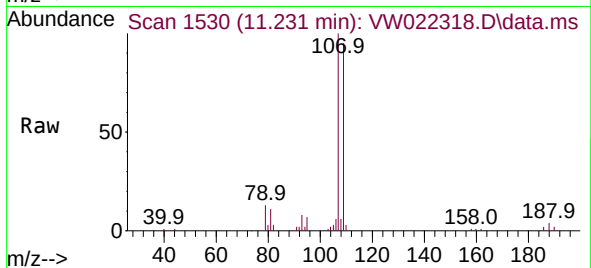




#50
1,2-Dibromoethane
Concen: 20.482 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

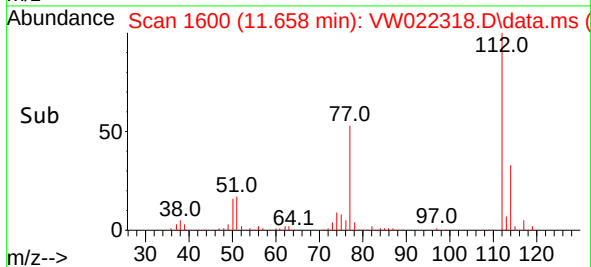
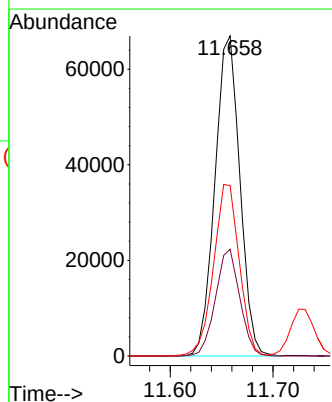
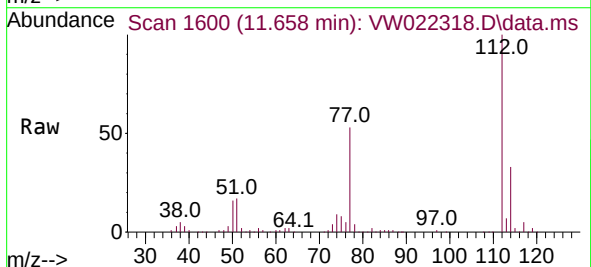
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

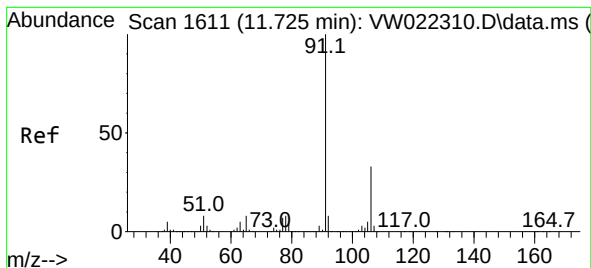
Tgt Ion:107 Resp: 29836
Ion Ratio Lower Upper
107 100
109 95.4 66.8 124.2
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 19.619 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion:112 Resp: 112819
Ion Ratio Lower Upper
112 100
114 33.4 23.0 42.8
77 53.3 41.8 62.6





#52

Ethylbenzene

Concen: 19.730 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

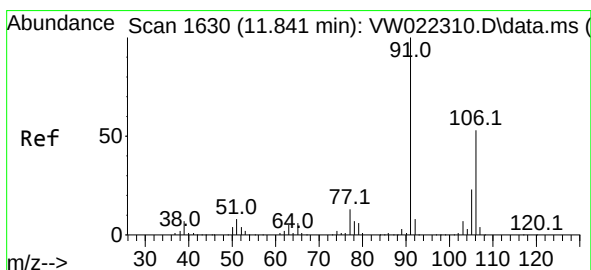
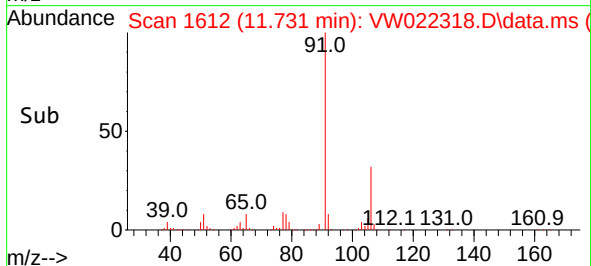
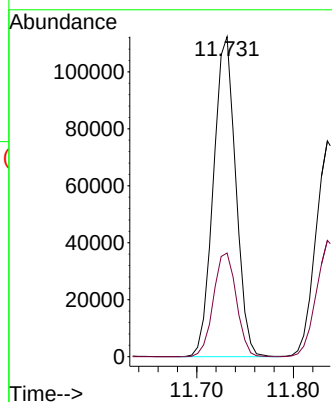
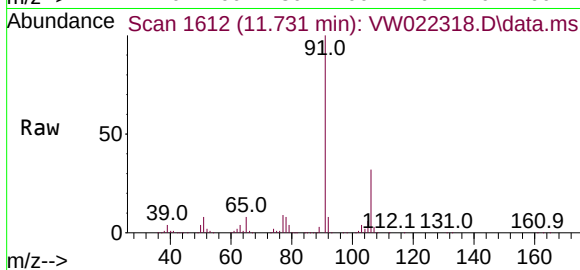
DBRZ5MS

Tgt Ion: 91 Resp: 180426

Ion Ratio Lower Upper

91 100

106 32.4 22.8 42.4



#53

m,p-Xylene

Concen: 19.959 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW022318.D

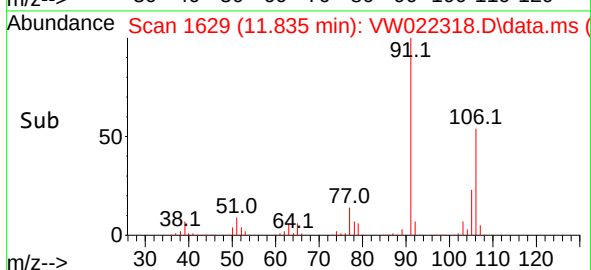
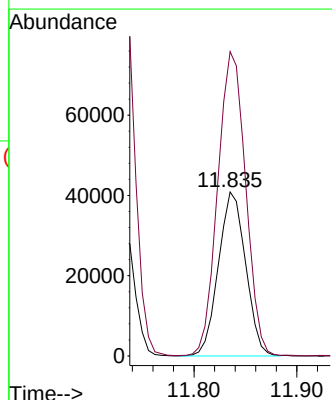
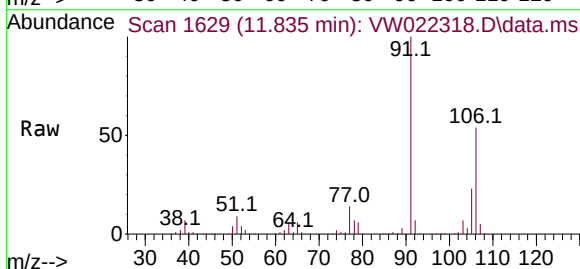
Acq: 14 Mar 2022 14:23

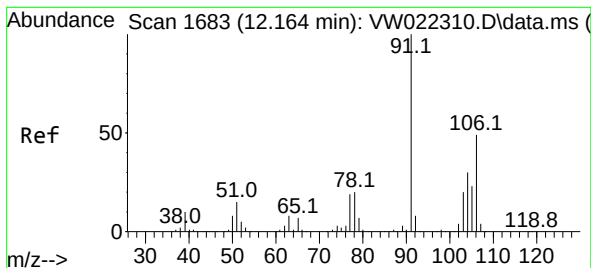
Tgt Ion:106 Resp: 75103

Ion Ratio Lower Upper

106 100

91 185.6 135.0 250.8

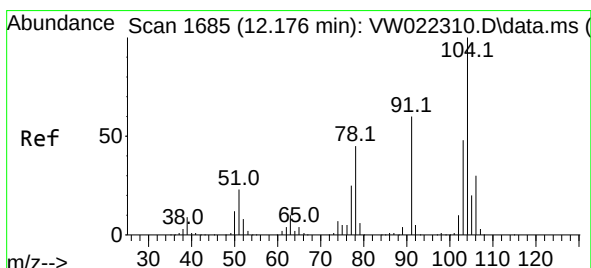
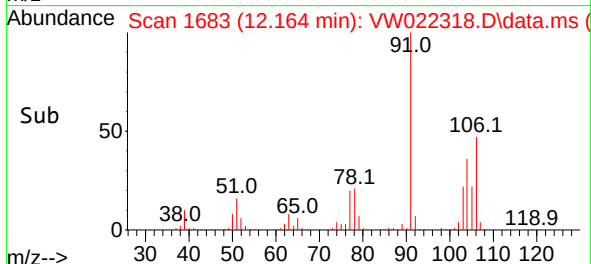
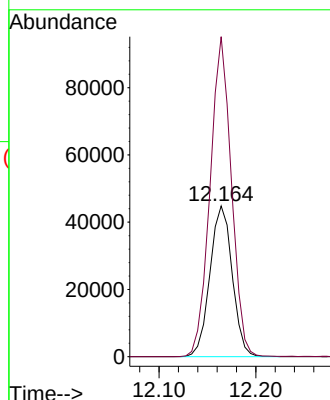
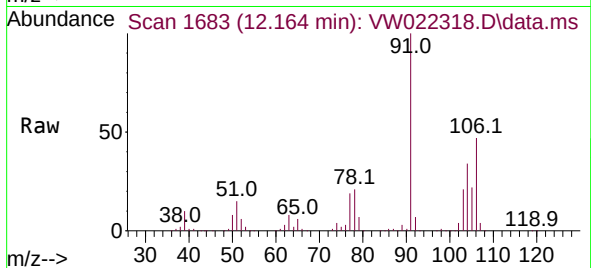




#54
o-Xylene
Concen: 20.286 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

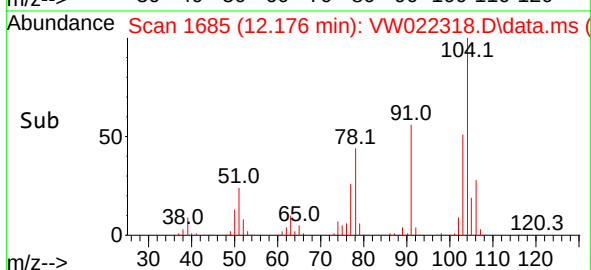
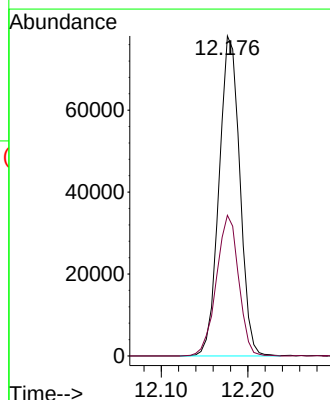
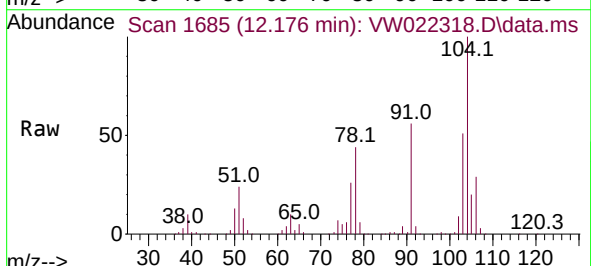
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

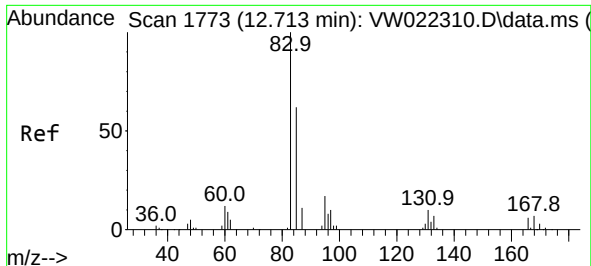
Tgt Ion:106 Resp: 71822
Ion Ratio Lower Upper
106 100
91 212.2 136.9 254.3



#55
Styrene
Concen: 21.903 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion:104 Resp: 130002
Ion Ratio Lower Upper
104 100
78 44.0 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 21.730 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MS

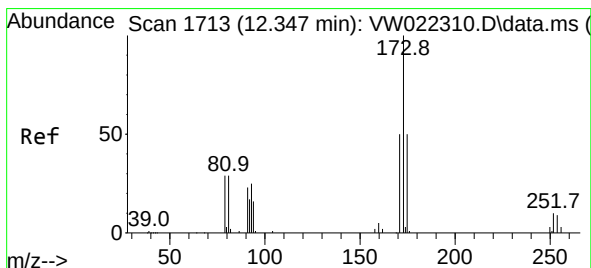
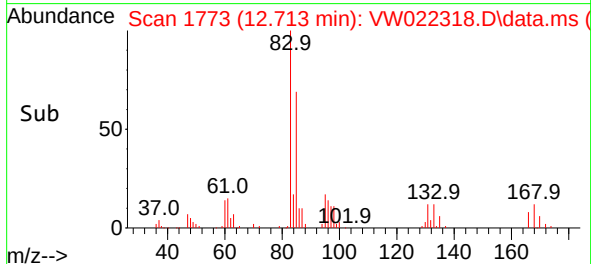
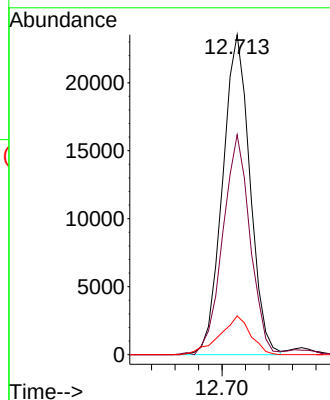
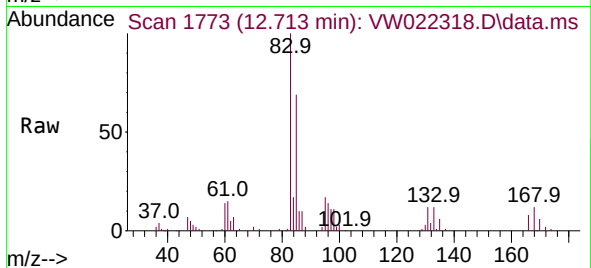
Tgt Ion: 83 Resp: 38078

Ion Ratio Lower Upper

83 100

85 68.7 44.2 82.0

131 12.1 9.4 14.0



#59

Bromoform

Concen: 21.569 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

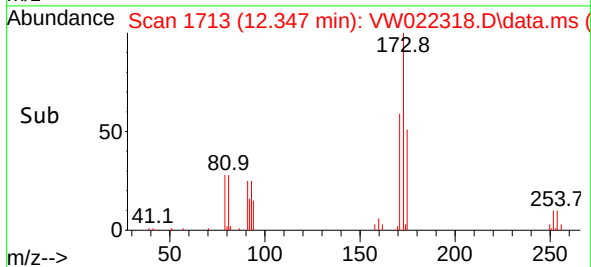
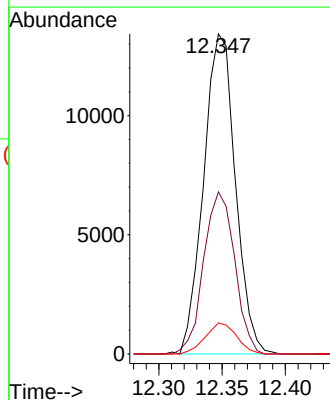
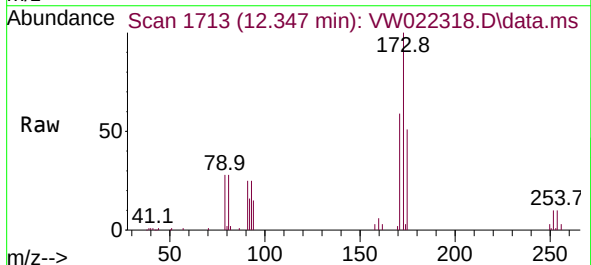
Tgt Ion:173 Resp: 23453

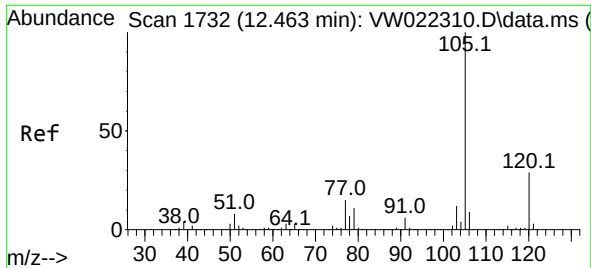
Ion Ratio Lower Upper

173 100

175 49.4 38.2 57.4

254 9.5 5.0 7.6#

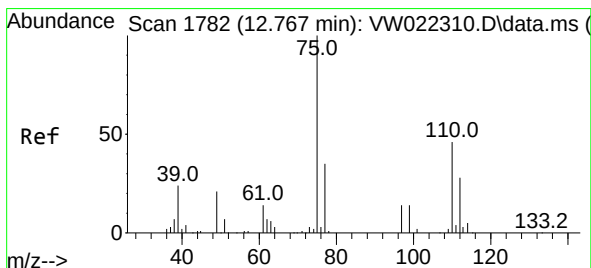
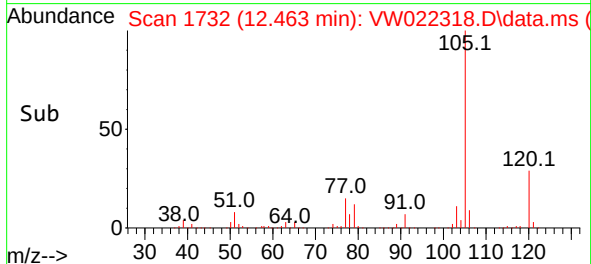
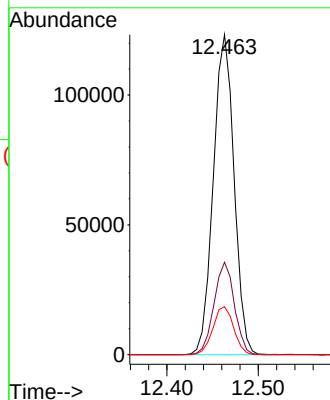
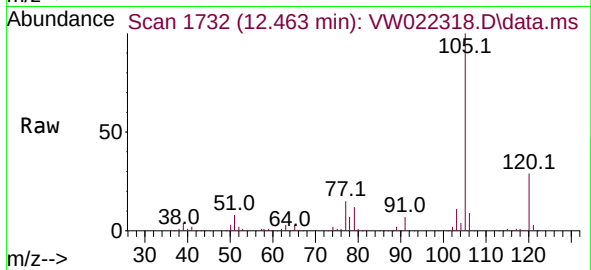




#60
Isopropylbenzene
Concen: 19.652 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

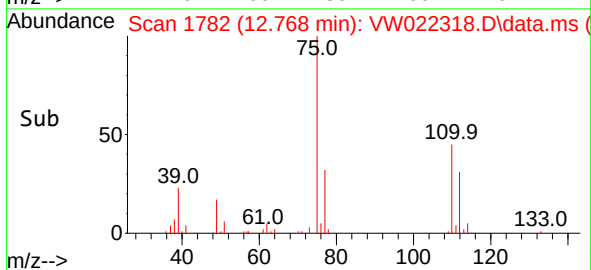
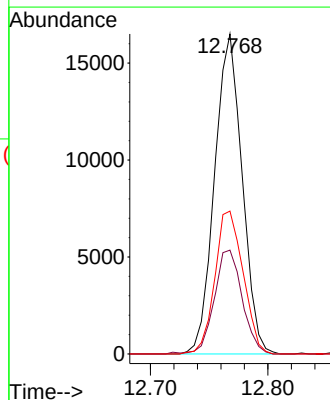
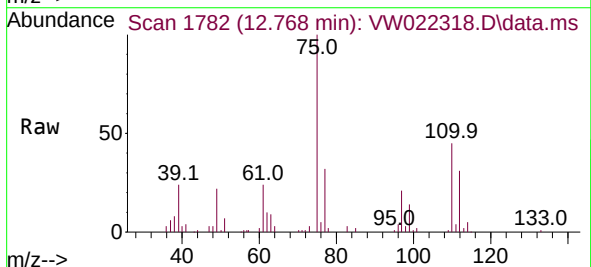
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

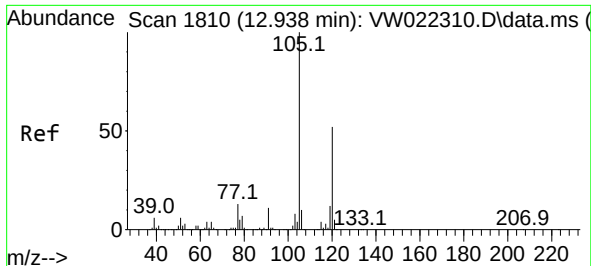
Tgt Ion:105 Resp: 193975
Ion Ratio Lower Upper
105 100
120 28.4 22.1 33.1
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 20.721 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion: 75 Resp: 26891
Ion Ratio Lower Upper
75 100
77 32.7 27.1 40.7
110 45.8 36.7 55.1

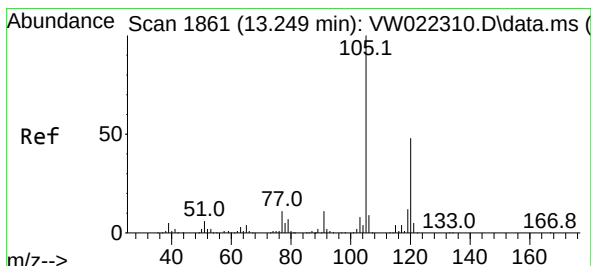
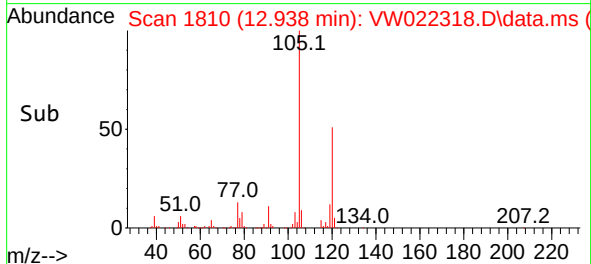
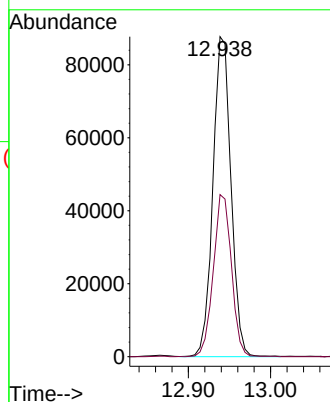
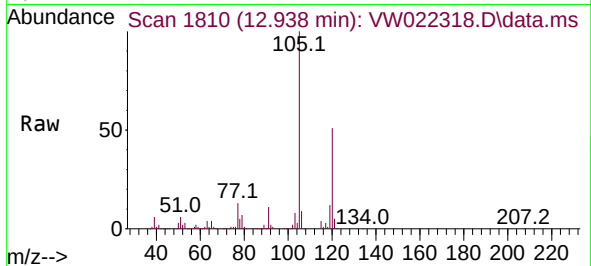




#62
 1,3,5-Trimethylbenzene
 Concen: 20.401 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022318.D
 Acq: 14 Mar 2022 14:23

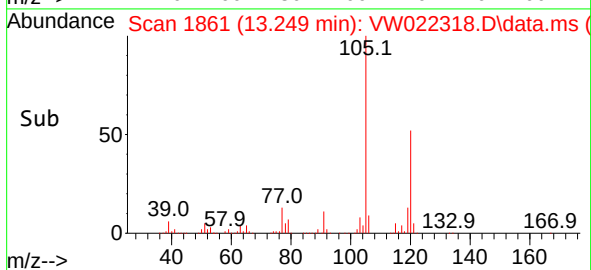
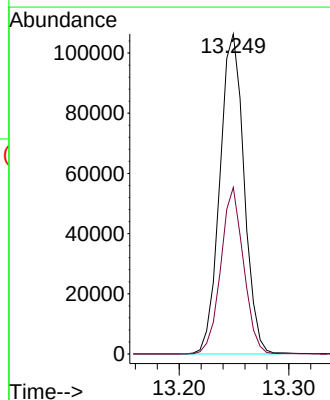
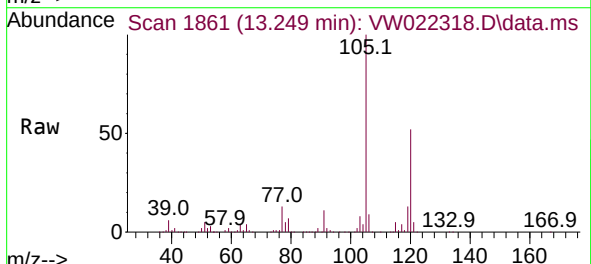
Instrument :
 MSVOA_W
 ClientSampleId :
 DBRZ5MS

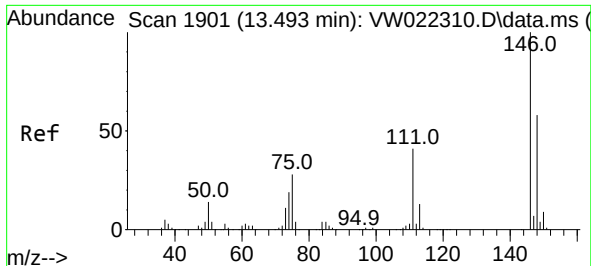
Tgt Ion:105 Resp: 133903
 Ion Ratio Lower Upper
 105 100
 120 50.7 41.5 62.3



#63
 1,2,4-Trimethylbenzene
 Concen: 20.369 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022318.D
 Acq: 14 Mar 2022 14:23

Tgt Ion:105 Resp: 163386
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.2 58.8

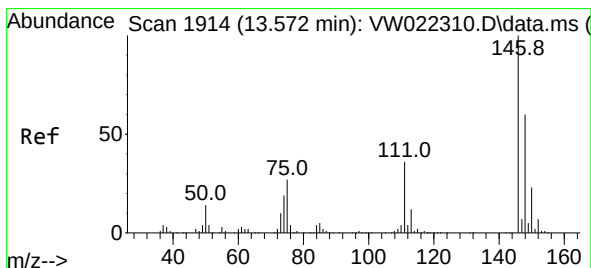
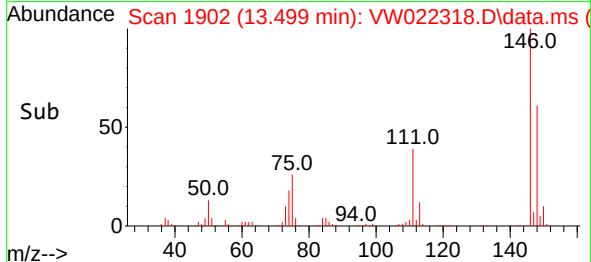
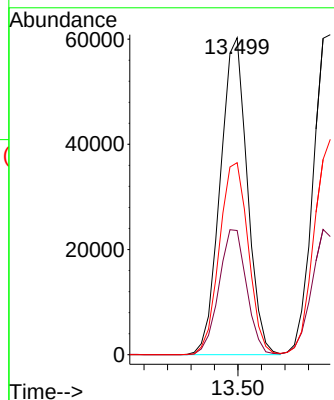
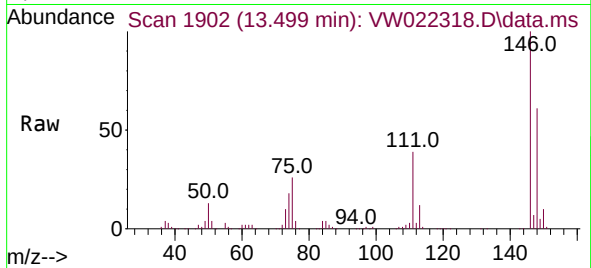




#64
1,3-Dichlorobenzene
Concen: 19.678 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

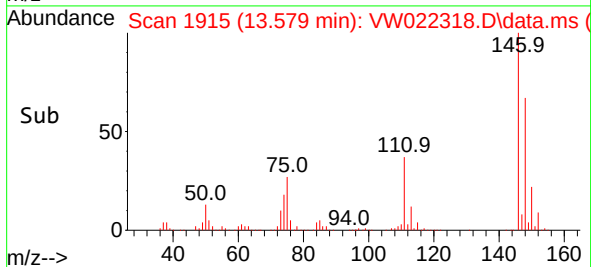
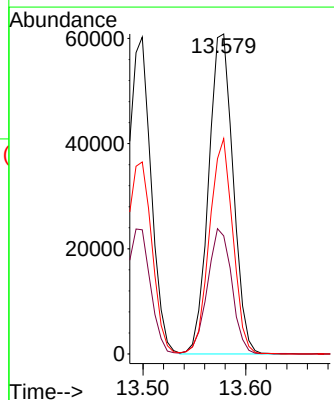
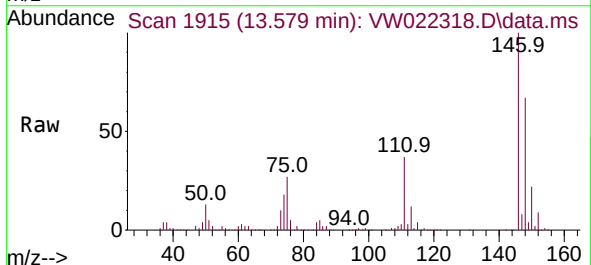
Instrument :
MSVOA_W
ClientSampleId :
DBRZ5MS

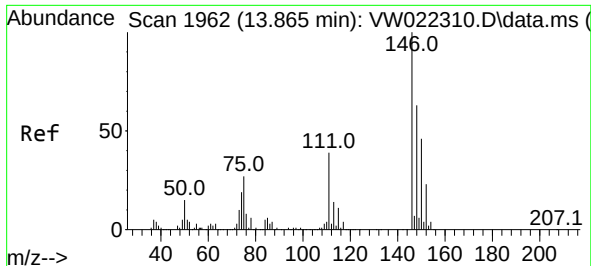
Tgt Ion:146 Resp: 96352
Ion Ratio Lower Upper
146 100
111 39.2 26.9 49.9
148 60.6 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 20.513 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022318.D
Acq: 14 Mar 2022 14:23

Tgt Ion:146 Resp: 100653
Ion Ratio Lower Upper
146 100
111 36.9 27.5 51.1
148 67.3 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 20.500 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MS

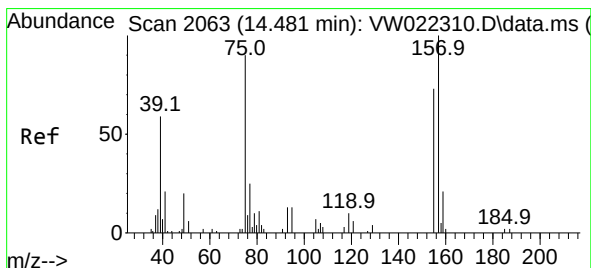
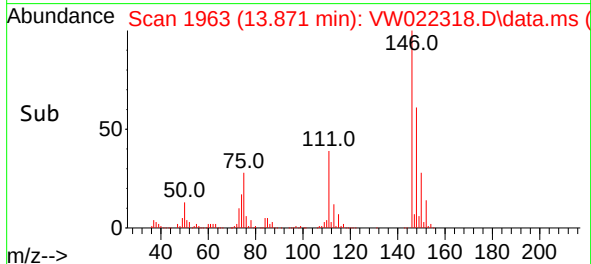
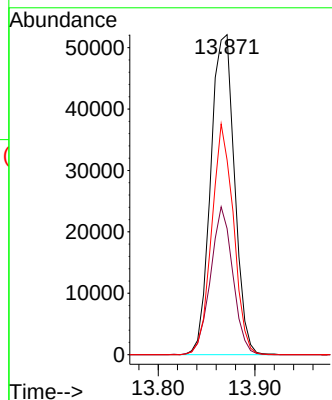
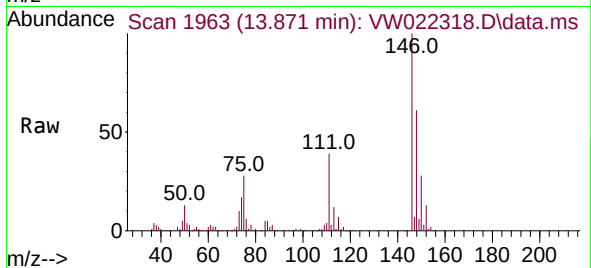
Tgt Ion:146 Resp: 89243

Ion Ratio Lower Upper

146 100

111 39.4 34.8 52.2

148 60.9 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.090 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

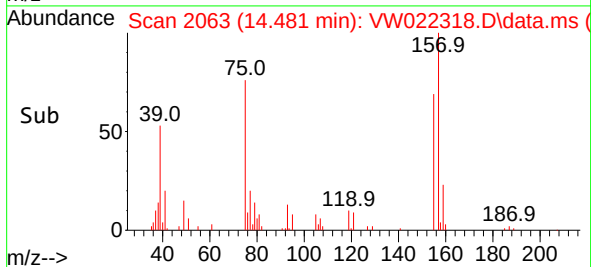
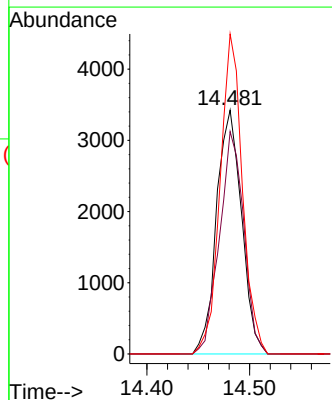
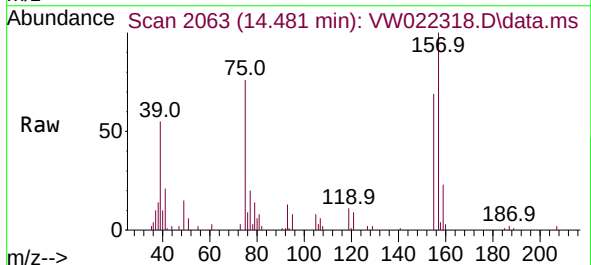
Tgt Ion: 75 Resp: 5786

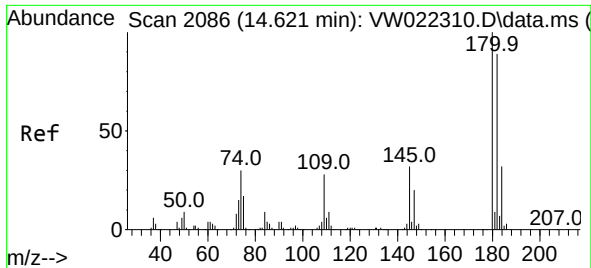
Ion Ratio Lower Upper

75 100

155 91.2 58.2 87.2#

157 137.0 80.5 120.7#

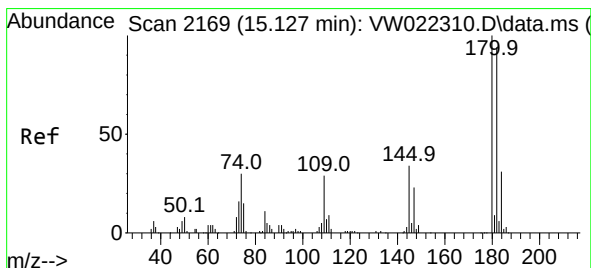
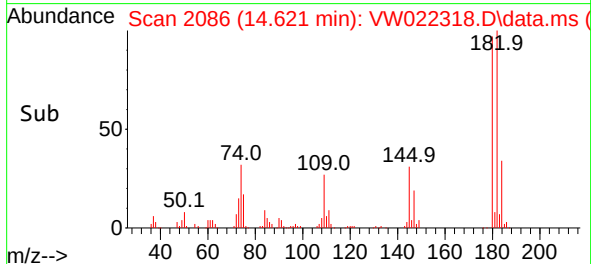
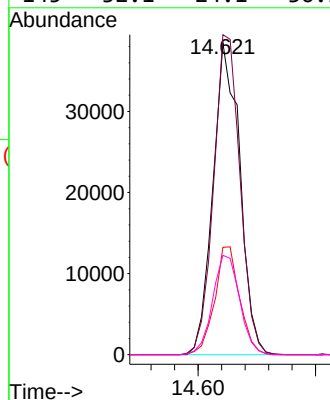
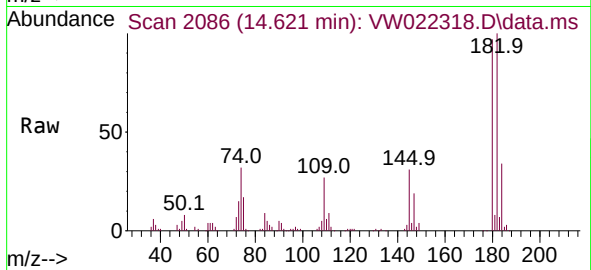




#69
 1,3,5-Trichlorobenzene
 Concen: 17.382 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW022318.D
 Acq: 14 Mar 2022 14:23

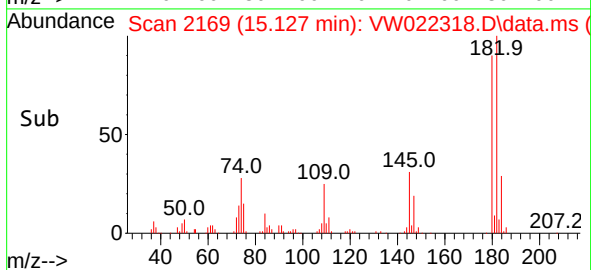
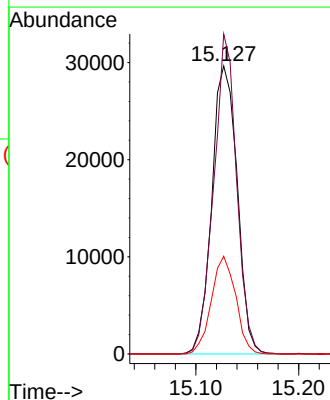
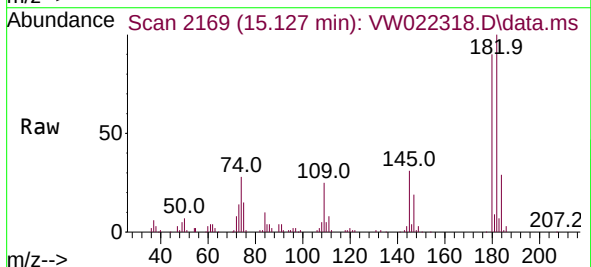
Instrument :
 MSVOA_W
 ClientSampleId :
 DBRZ5MS

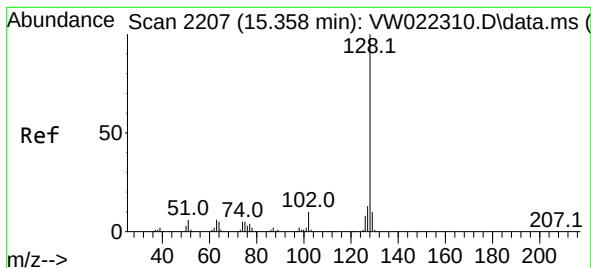
Tgt Ion:	180	Resp:	61087
Ion Ratio	Lower	Upper	
180	100		
182	100.5	69.4	104.0
184	32.3	21.8	32.8
145	32.1	24.1	36.1



#70
 1,2,4-trichlorobenzene
 Concen: 19.116 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022318.D
 Acq: 14 Mar 2022 14:23

Tgt Ion:	180	Resp:	50832
Ion Ratio	Lower	Upper	
180	100		
182	100.2	77.8	116.6
145	32.6	25.8	38.6





#71

Naphthalene

Concen: 20.551 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

DBRZ5MS

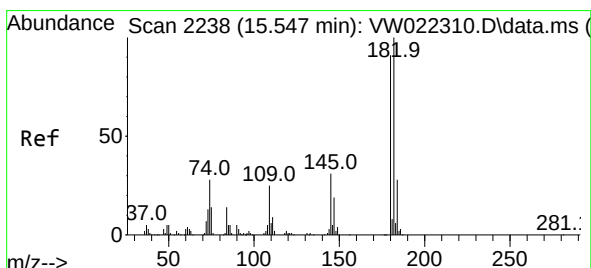
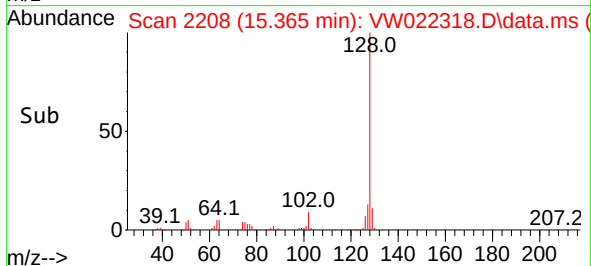
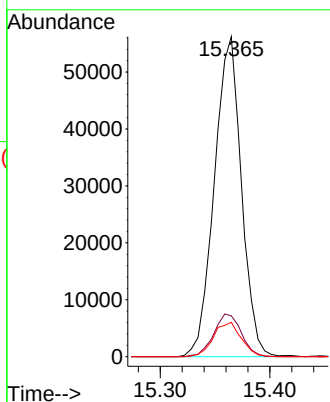
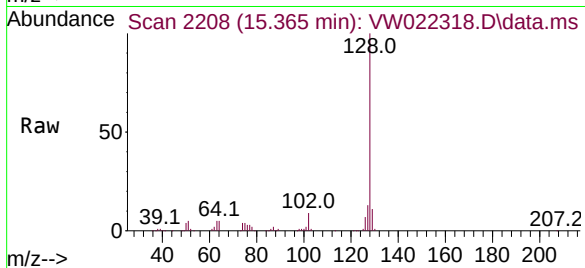
Tgt Ion:128 Resp: 96471

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.6

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 19.436 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022318.D

Acq: 14 Mar 2022 14:23

Tgt Ion:180 Resp: 44704

Ion Ratio Lower Upper

180 100

182 97.6 79.0 118.4

145 33.5 28.0 42.0

