

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031522\
 Data File : VW022342.D
 Acq On : 15 Mar 2022 17:11
 Operator : SY/VA
 Sample : N1883-11MSD
 Misc : 6.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSA8MSD

Quant Time: Mar 16 05:36:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 16 05:30:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	151067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	144414	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	39046	19.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.280%
7) Chloroethane-d5	2.885	69	32905	21.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.880%
11) 1,1-Dichloroethene-d2	4.025	63	57804	19.157	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.640%
21) 2-Butanone-d5	7.073	46	19862	59.953	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.900%
24) Chloroform-d	7.653	84	81607	24.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	8.305	65	41774	23.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.360%
32) Benzene-d6	8.274	84	147267	21.911	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	9.274	67	42837	22.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.800%
41) Toluene-d8	10.323	98	141880	21.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.920%
43) trans-1,3-Dichloroprop...	10.579	79	18181	21.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.920	63	16821	54.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44713	27.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	60650	23.990	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	5538	13.117	ug/L	89
3) Chloromethane	2.221	50	23510	16.251	ug/L	97
5) Vinyl chloride	2.361	62	37324	17.170	ug/L	98
6) Bromomethane	2.781	94	23840	15.703	ug/L	95
8) Chloroethane	2.922	64	22082	18.083	ug/L	98
9) Trichlorofluoromethane	3.263	101	29258	19.825	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	35533	19.734	ug/L	98
12) 1,1-Dichloroethene	4.043	96	28902	18.521	ug/L	97
13) Acetone	4.123	43	14052	51.933	ug/L	97
14) Carbon disulfide	4.391	76	52946	13.087	ug/L	96
15) Methyl Acetate	4.671	43	7838	12.867	ug/L	97
16) Methylene chloride	4.921	84	35508	19.149	ug/L	99
17) trans-1,2-Dichloroethene	5.433	96	31630	18.454	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	54561	23.397	ug/L	99
19) 1,1-Dichloroethane	6.220	63	59559	21.464	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	38250	20.601	ug/L	99
22) 2-Butanone	7.171	43	18538	47.694	ug/L	93
23) Bromochloromethane	7.512	128	18966	20.910	ug/L	93
25) Chloroform	7.677	83	70853	21.884	ug/L	99

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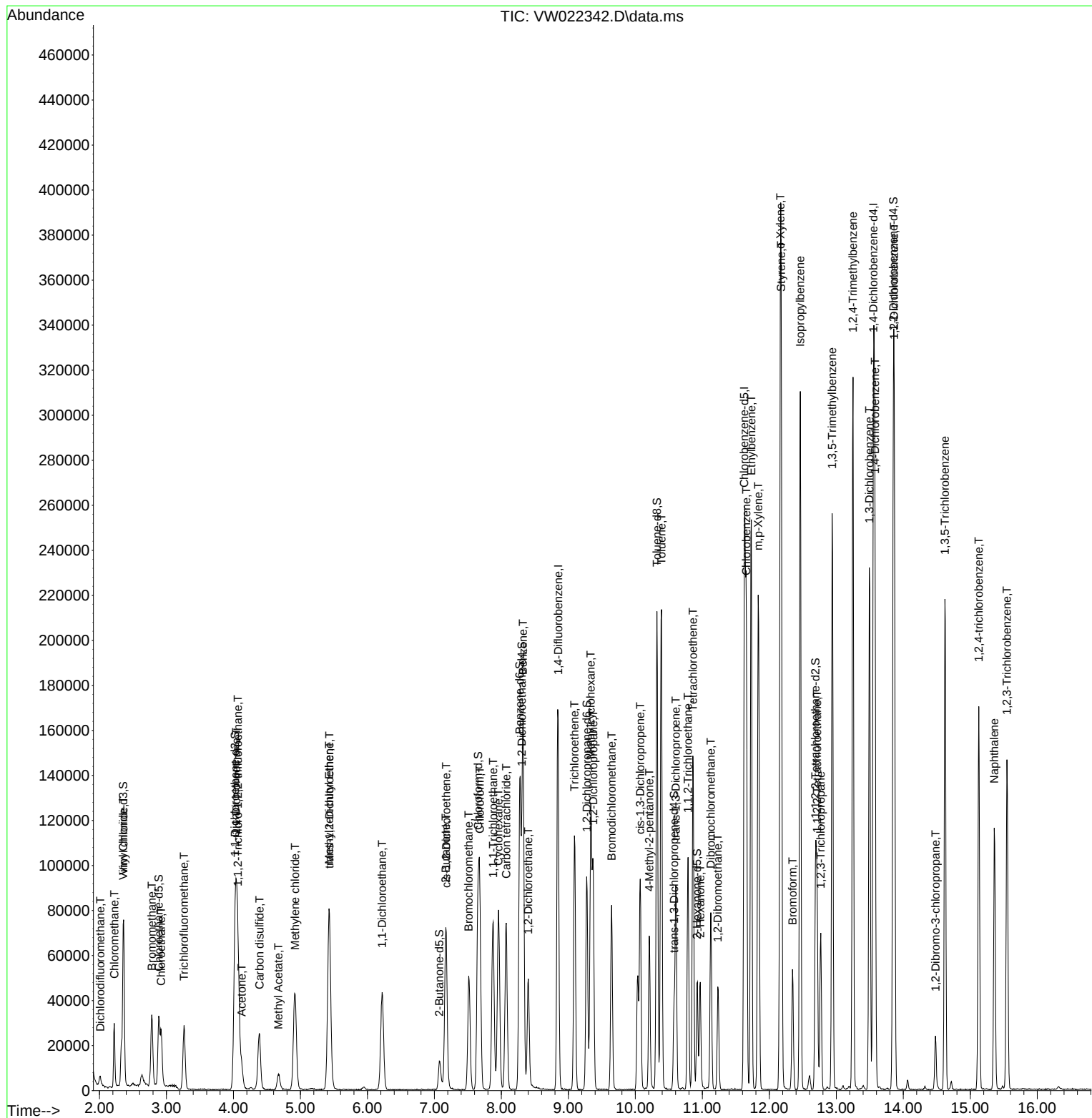
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	43014	21.569	ug/L	100
29) Cyclohexane	7.957	56	39219	16.319	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	61295	21.097	ug/L	98
31) Carbon tetrachloride	8.073	117	56671	20.523	ug/L	97
33) Benzene	8.323	78	139024	19.912	ug/L	100
34) Trichloroethene	9.091	95	37865	18.941	ug/L	94
35) Methylcyclohexane	9.335	83	52480	16.972	ug/L	99
37) 1,2-Dichloropropane	9.372	63	35412	21.740	ug/L	98
38) Bromodichloromethane	9.646	83	52203	22.348	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	55243	22.312	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	40131	45.622	ug/L	99
42) Toluene	10.390	91	161630	20.453	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	48339	21.726	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	31595	21.874	ug/L	94
46) Tetrachloroethene	10.859	164	31122	17.771	ug/L	85
48) 2-Hexanone	10.969	43	28655	46.935	ug/L	98
49) Dibromochloromethane	11.128	129	40084	22.847	ug/L	99
50) 1,2-Dibromoethane	11.231	107	29880	21.447	ug/L	96
51) Chlorobenzene	11.658	112	115056	20.921	ug/L	98
52) Ethylbenzene	11.731	91	182229	20.836	ug/L	99
53) m,p-Xylene	11.835	106	73681	20.474	ug/L	99
54) o-Xylene	12.164	106	73647	21.750	ug/L	94
55) Styrene	12.176	104	129077	22.739	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	38518	22.984	ug/L	94
59) Bromoform	12.347	173	23475	22.553	ug/L	97
60) Isopropylbenzene	12.463	105	200584	21.229	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	27584	22.204	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	137325	21.857	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	170495	22.204	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	98540	21.024	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	99920	21.273	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	93021	22.322	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	5607	21.350	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	68856	20.467	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	53015	20.827	ug/L	96
71) Naphthalene	15.359	128	99358	22.111	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	48337	21.954	ug/L	95

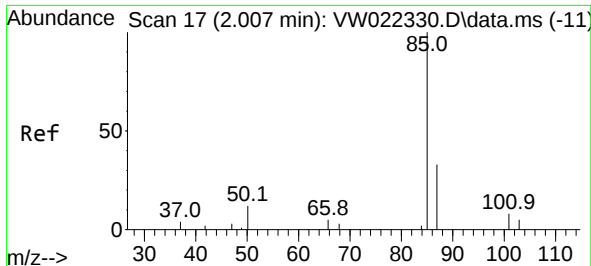
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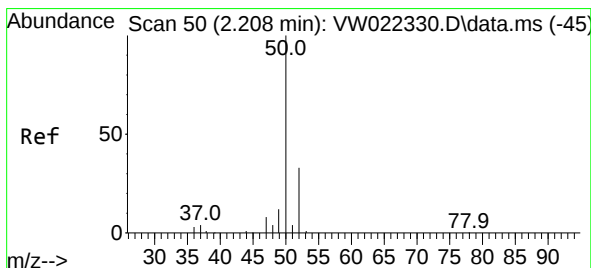
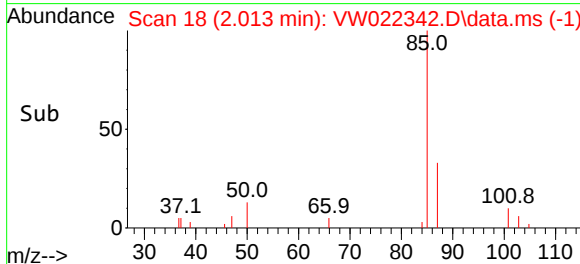
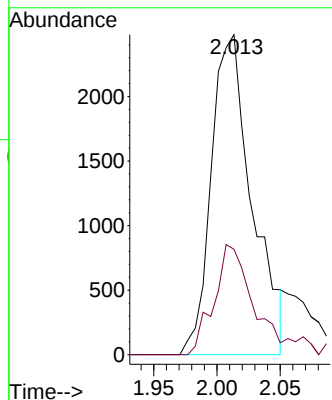
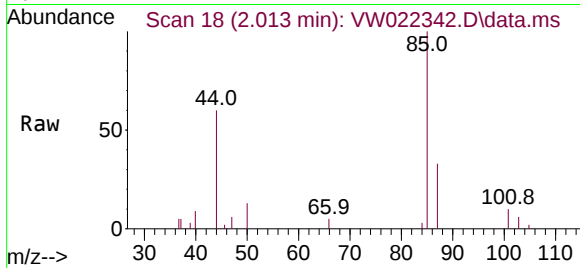




#2
 Dichlorodifluoromethane
 Concen: 13.117 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW022342.D
 Acq: 15 Mar 2022 17:11

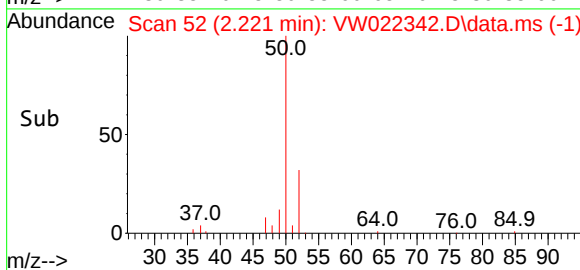
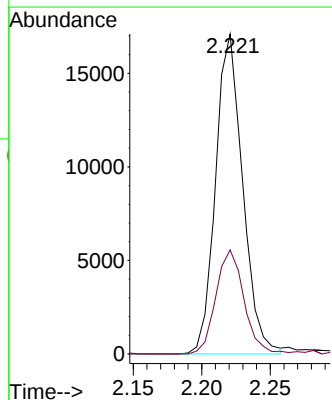
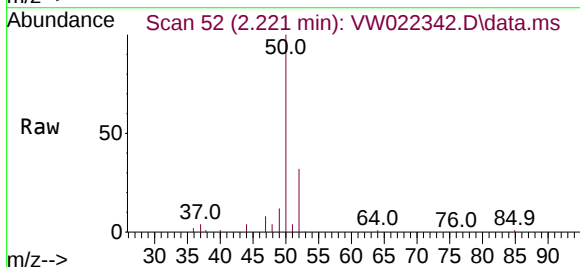
Instrument :
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 ClientSampleId :
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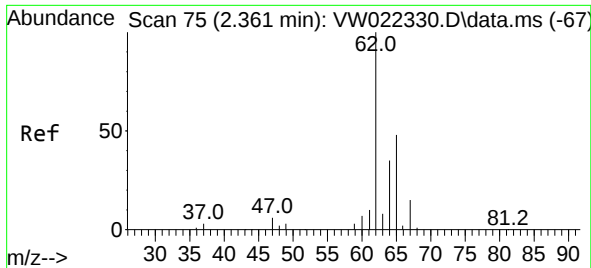
Tgt Ion: 85 Resp: 5538
 Ion Ratio Lower Upper
 85 100
 87 28.2 27.6 41.4



#3
 Chloromethane
 Concen: 16.251 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.012 min
 Lab File: VW022342.D
 Acq: 15 Mar 2022 17:11

Tgt Ion: 50 Resp: 23510
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.9 44.5

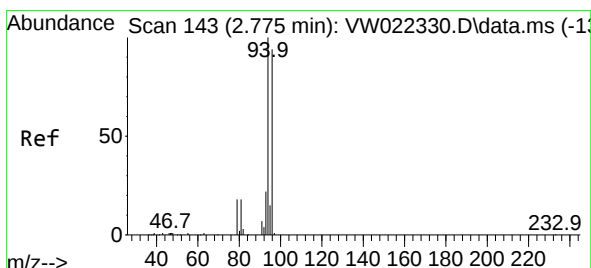
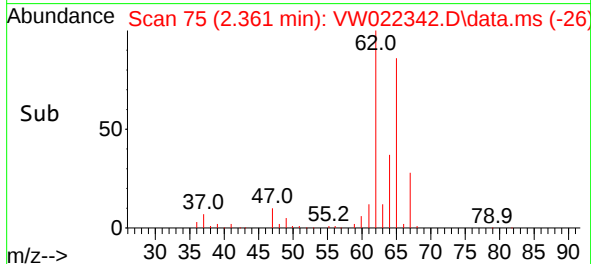
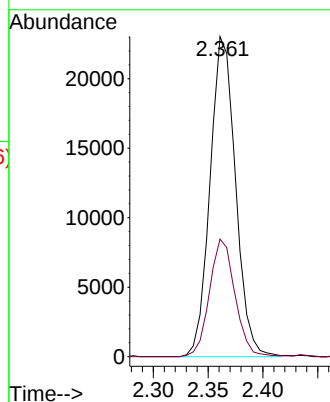
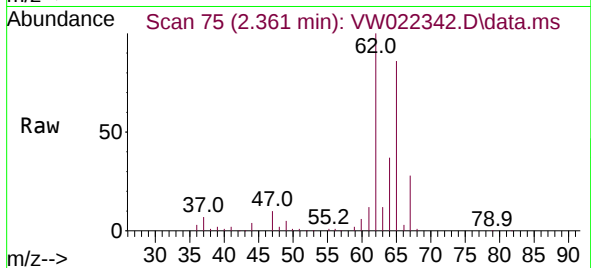




#5
 Vinyl chloride
 Concen: 17.170 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022342.D
 Acq: 15 Mar 2022 17:11

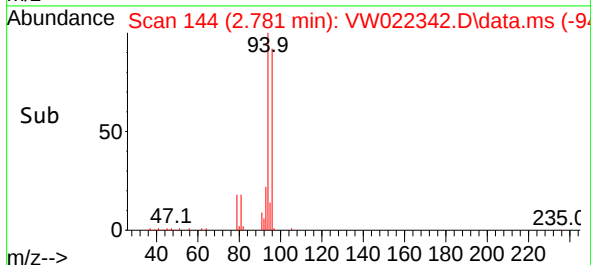
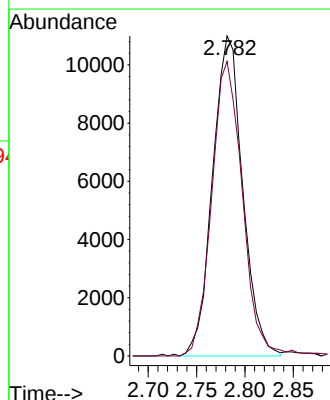
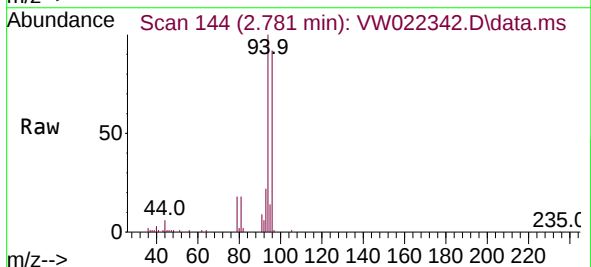
Instrument :
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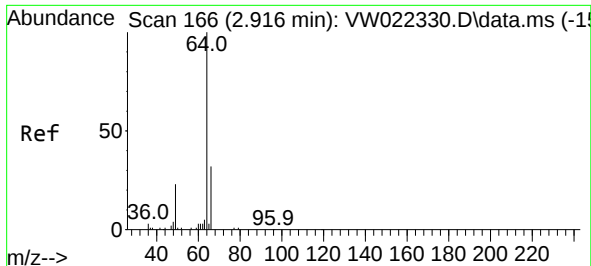
Tgt Ion: 62 Resp: 37324
 Ion Ratio Lower Upper
 62 100
 64 36.7 24.7 45.9



#6
 Bromomethane
 Concen: 15.703 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW022342.D
 Acq: 15 Mar 2022 17:11

Tgt Ion: 94 Resp: 23840
 Ion Ratio Lower Upper
 94 100
 96 92.1 61.2 113.8

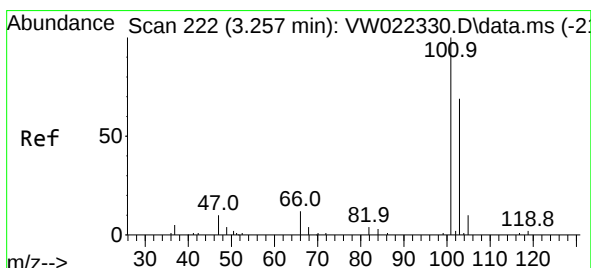
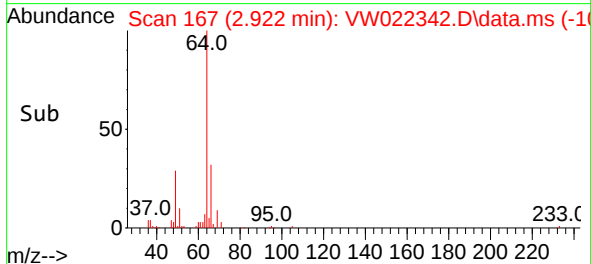
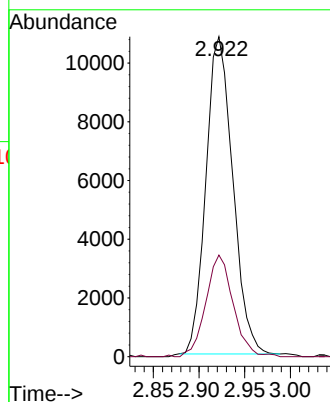
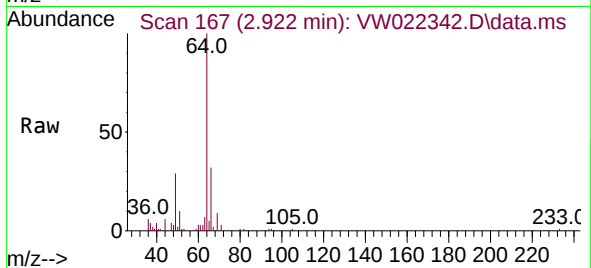




#8
Chloroethane
Concen: 18.083 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

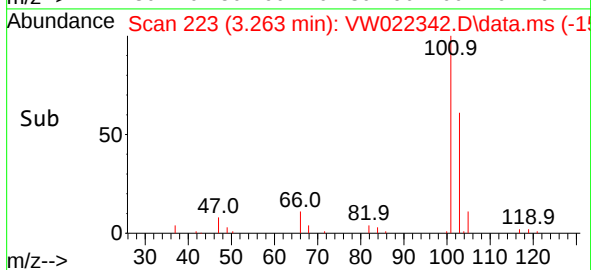
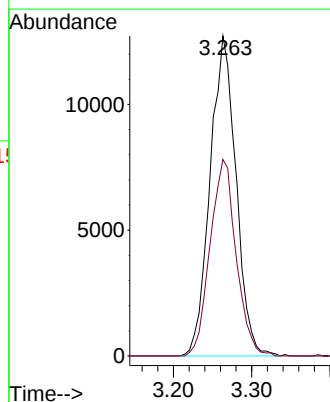
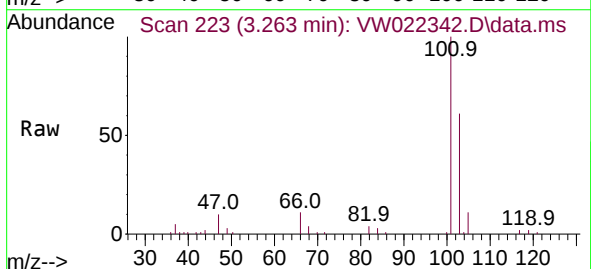
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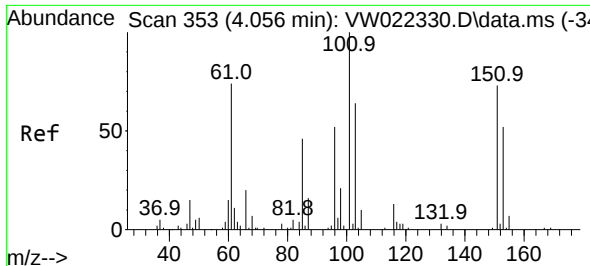
Tgt Ion: 64 Resp: 22082
Ion Ratio Lower Upper
64 100
66 31.8 23.2 43.0



#9
Trichlorofluoromethane
Concen: 19.825 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion:101 Resp: 29258
Ion Ratio Lower Upper
101 100
103 61.4 53.2 79.8

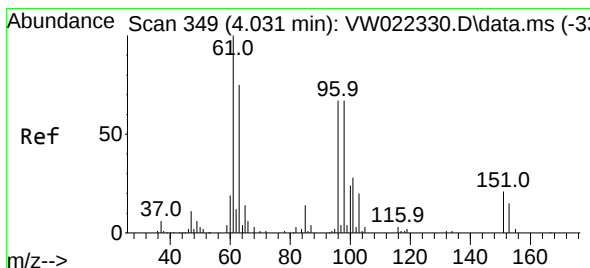
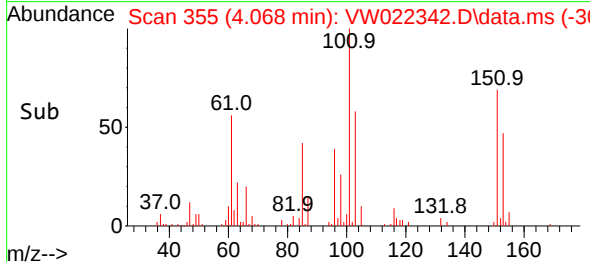
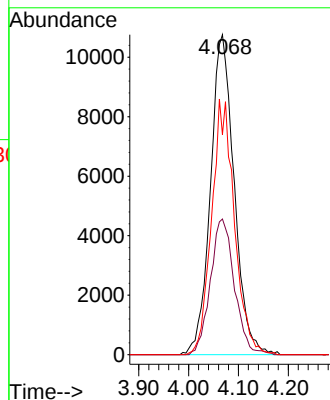
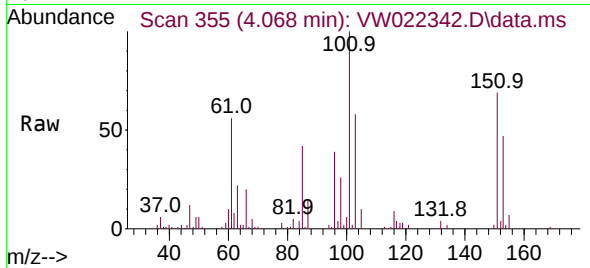




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.734 ug/L
 RT: 4.068 min Scan# 353
 Delta R.T. 0.012 min
 Lab File: VW022342.D
 Acq: 15 Mar 2022 17:11

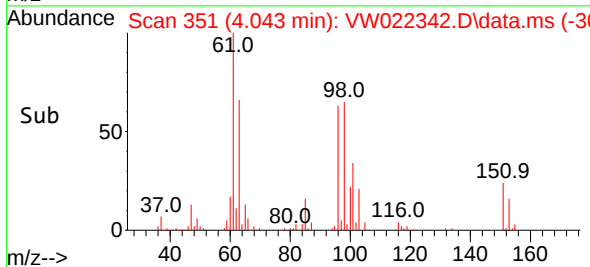
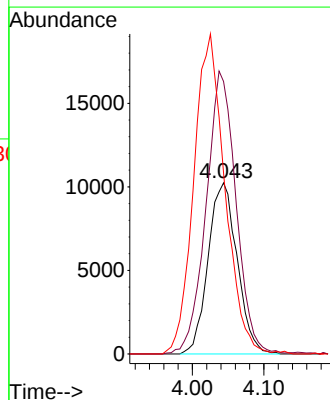
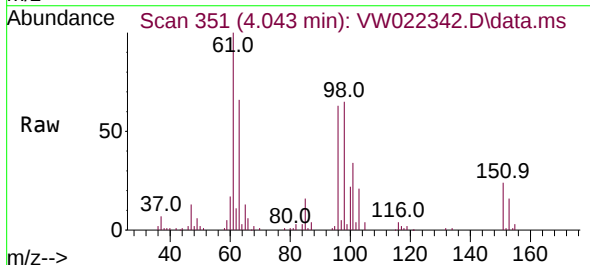
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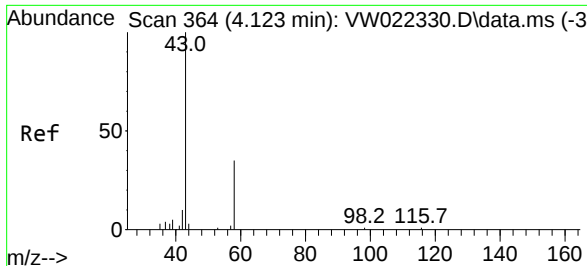
Tgt Ion:101 Resp: 35533
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.4 51.6
 151 76.7 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 18.521 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. 0.012 min
 Lab File: VW022342.D
 Acq: 15 Mar 2022 17:11

Tgt Ion: 96 Resp: 28902
 Ion Ratio Lower Upper
 96 100
 61 159.3 108.4 201.2
 63 105.8 72.0 133.6

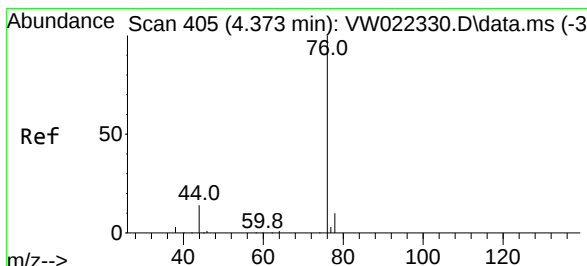
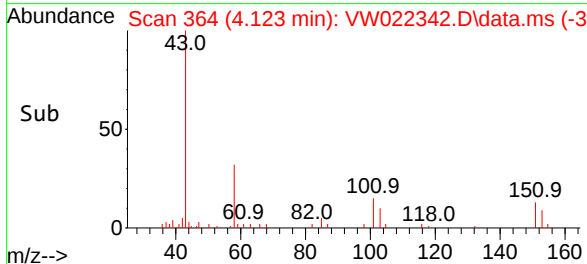
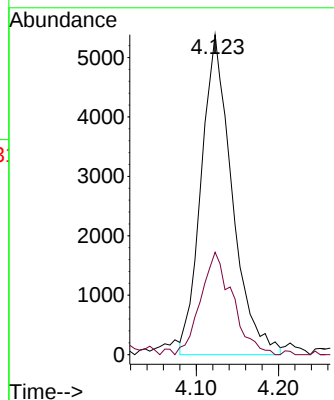
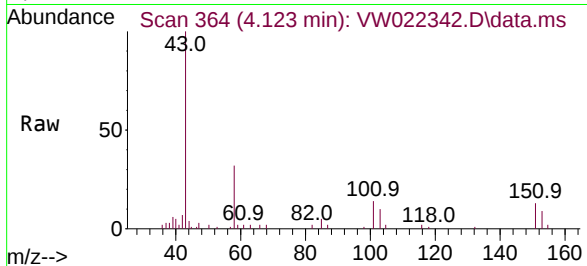




#13
Acetone
Concen: 51.933 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW022342.D
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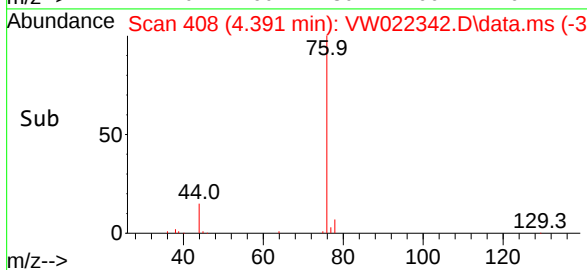
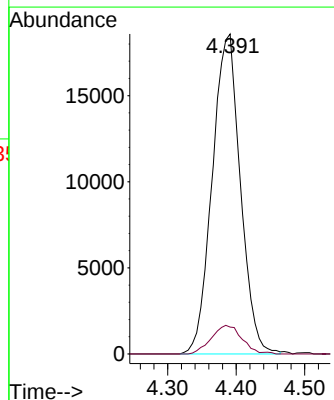
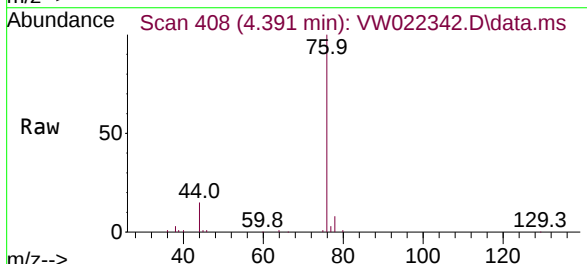
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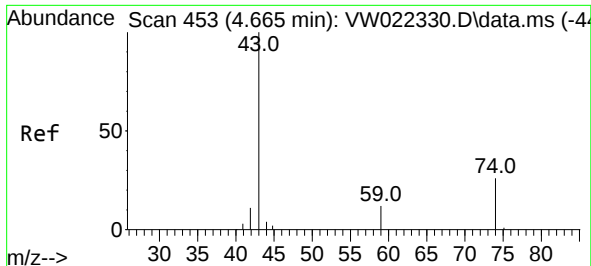
Tgt Ion: 43 Resp: 14052
Ion Ratio Lower Upper
43 100
58 33.2 0.0 69.2



#14
Carbon disulfide
Concen: 13.087 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.018 min
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Tgt Ion: 76 Resp: 52946
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8

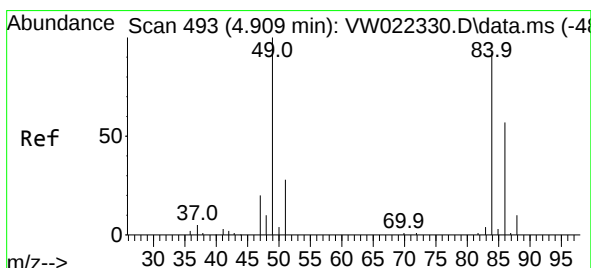
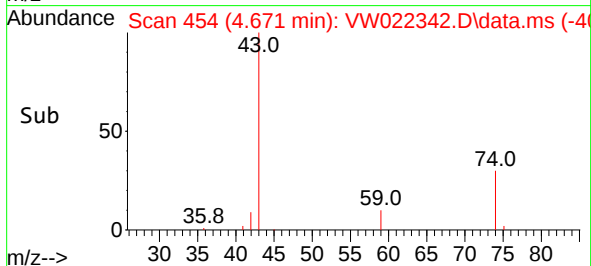
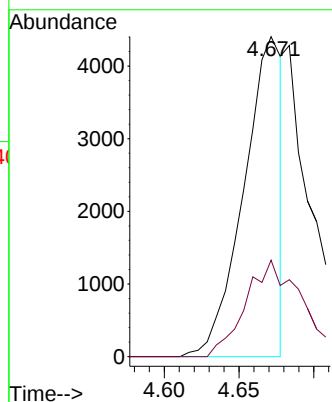
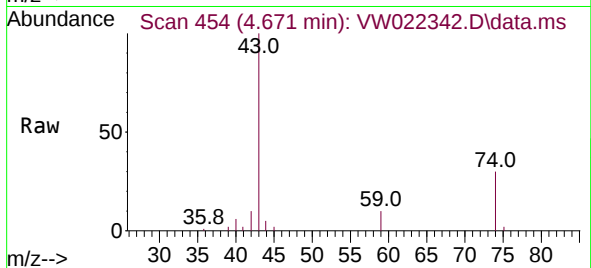




#15
Methyl Acetate
Concen: 12.867 ug/L
RT: 4.671 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

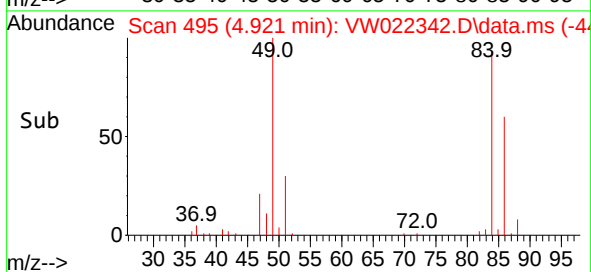
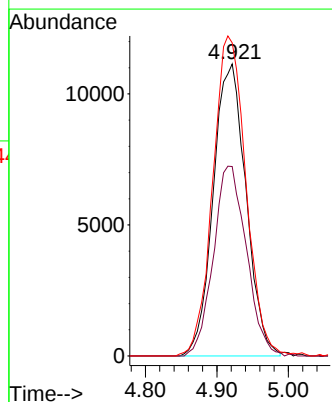
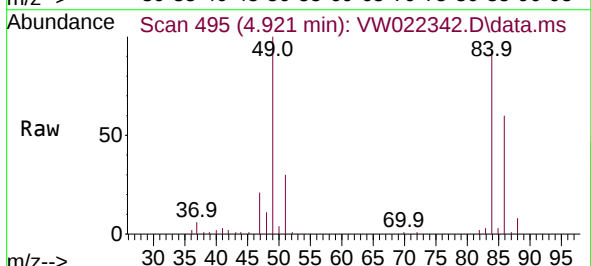
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

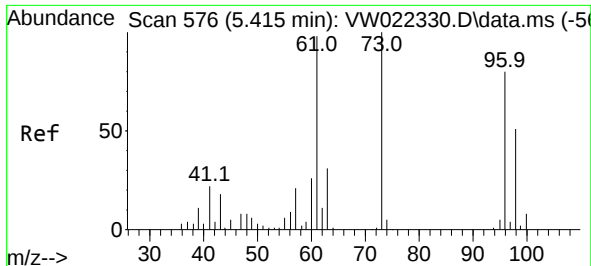
Tgt Ion: 43 Resp: 7838
Ion Ratio Lower Upper
43 100
74 27.3 23.0 34.6



#16
Methylene chloride
Concen: 19.149 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 84 Resp: 35508
Ion Ratio Lower Upper
84 100
86 64.9 45.8 85.0
49 107.2 73.8 137.0

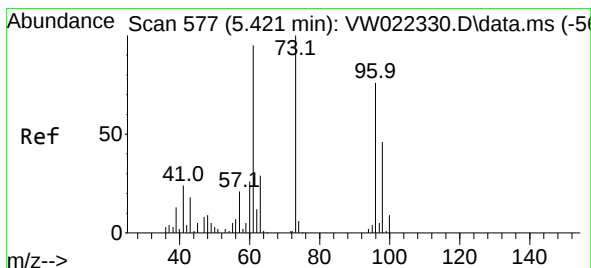
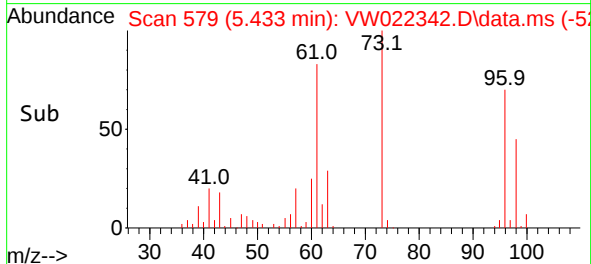
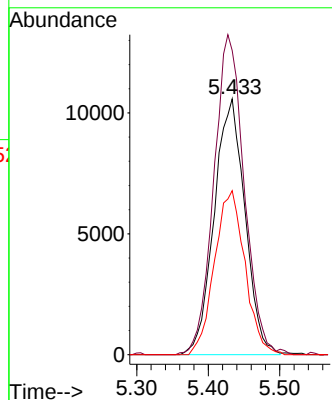
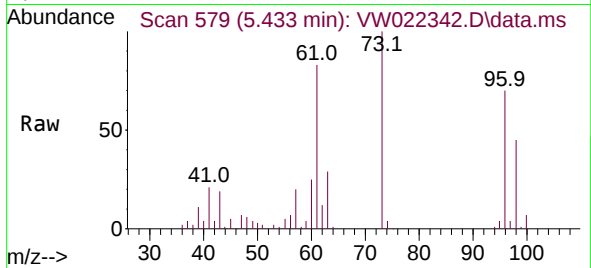




#17
trans-1,2-Dichloroethene
Concen: 18.454 ug/L
RT: 5.433 min Scan# 51
Delta R.T. 0.018 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

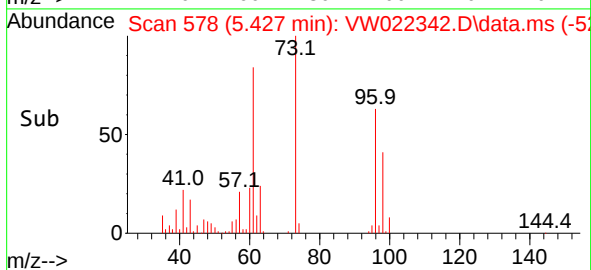
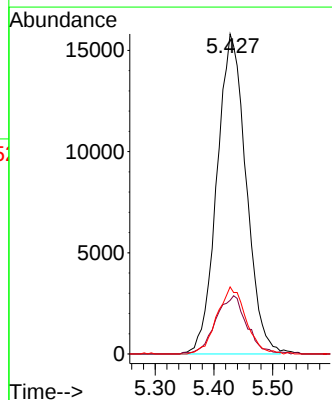
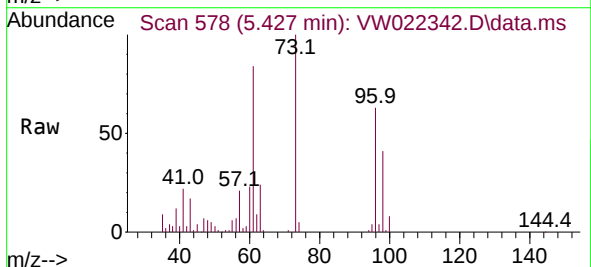
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

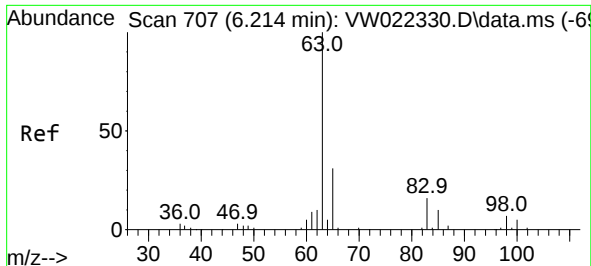
Tgt Ion: 96 Resp: 31630
Ion Ratio Lower Upper
96 100
61 118.9 87.3 162.1
98 64.1 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 23.397 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 73 Resp: 54561
Ion Ratio Lower Upper
73 100
43 18.2 15.4 23.2
57 20.8 16.5 24.7

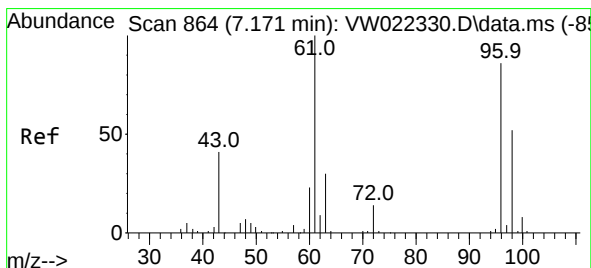
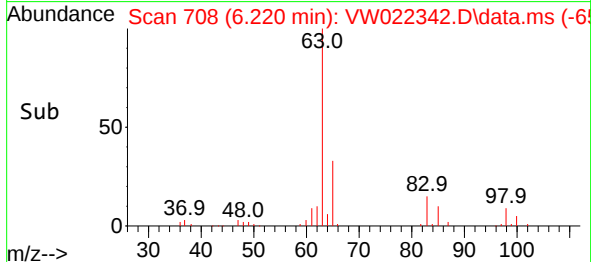
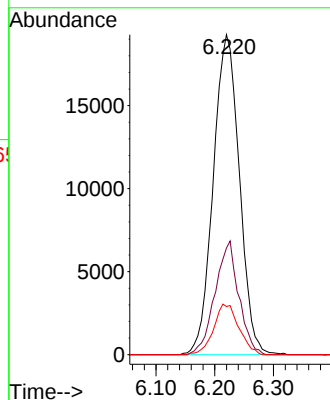
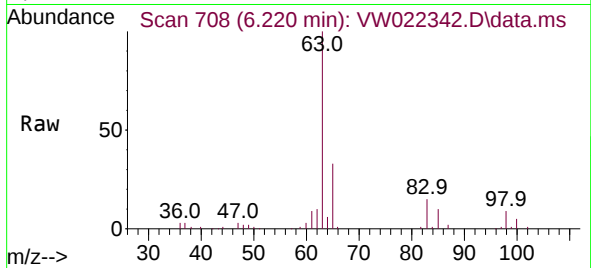




#19
1,1-Dichloroethane
Concen: 21.464 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

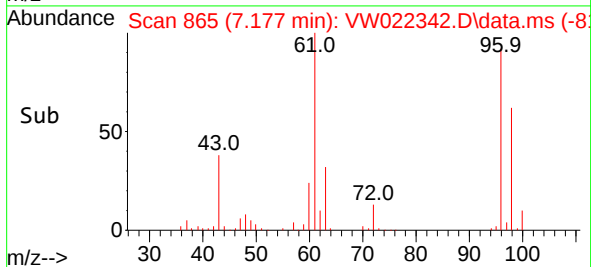
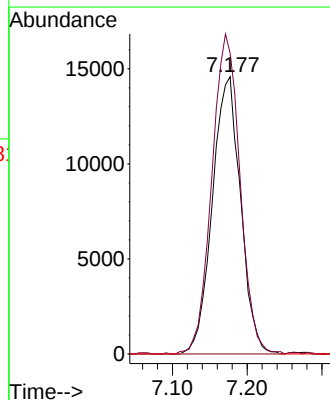
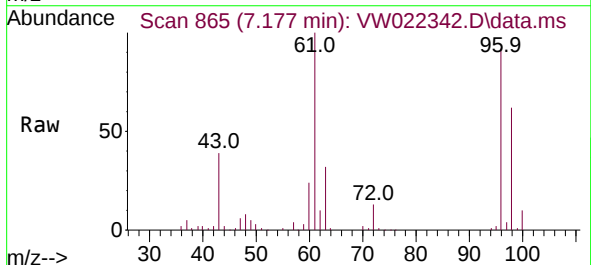
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

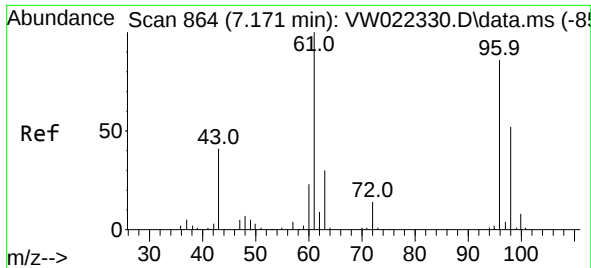
Tgt Ion: 63 Resp: 59559
Ion Ratio Lower Upper
63 100
65 33.3 22.5 41.9
83 15.1 11.5 21.5



#20
cis-1,2-Dichloroethene
Concen: 20.601 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 96 Resp: 38250
Ion Ratio Lower Upper
96 100
61 108.4 76.8 142.6
68 0.0 0.0 0.0

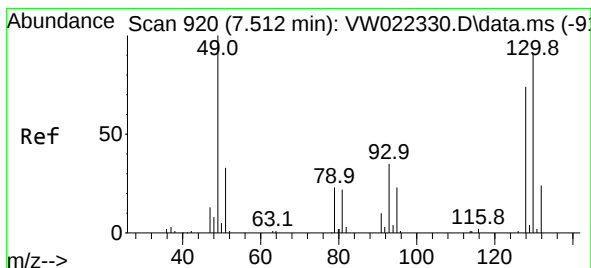
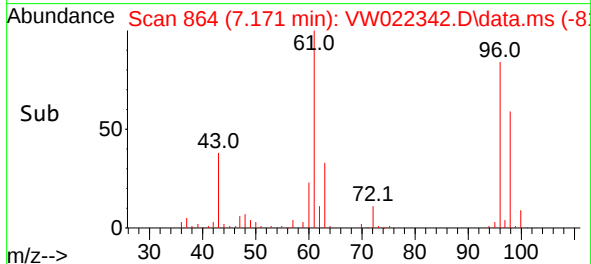
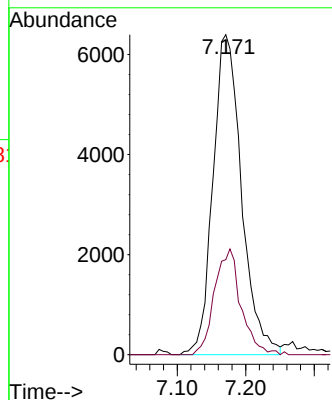
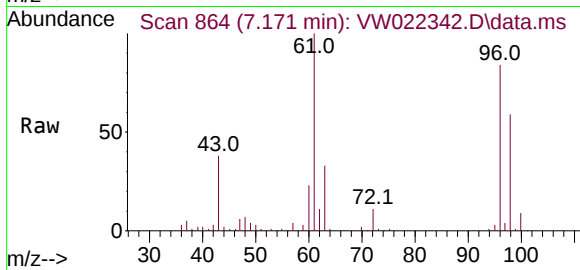




#22
2-Butanone
Concen: 47.694 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

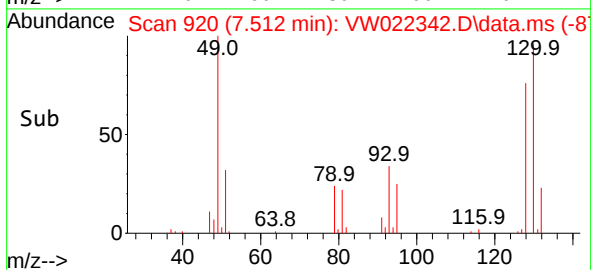
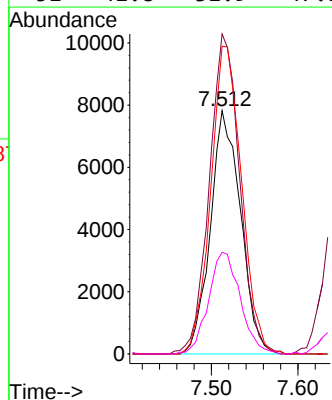
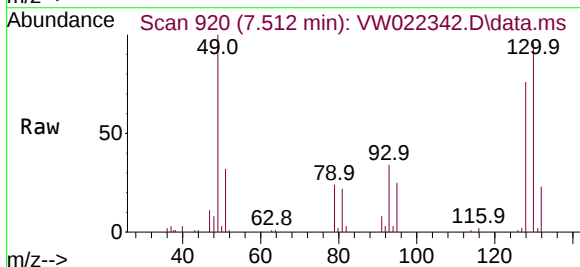
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

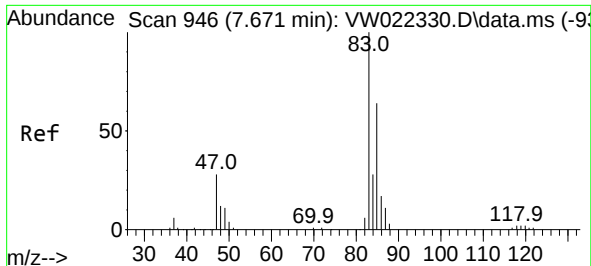
Tgt Ion: 43 Resp: 18538
Ion Ratio Lower Upper
43 100
72 30.2 17.0 51.0



#23
Bromochloromethane
Concen: 20.910 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 128 Resp: 18966
Ion Ratio Lower Upper
128 100
49 131.6 84.2 156.4
130 126.5 84.8 157.4
51 41.8 31.9 47.9





#25

Chloroform

Concen: 21.884 ug/L

RT: 7.677 min Scan# 946

Delta R.T. 0.006 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

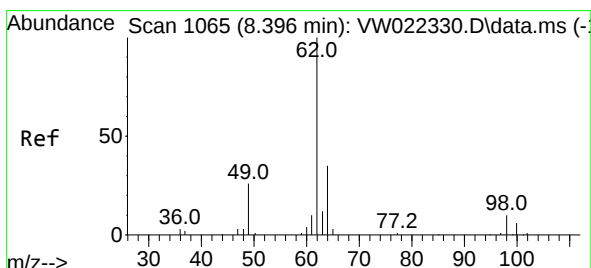
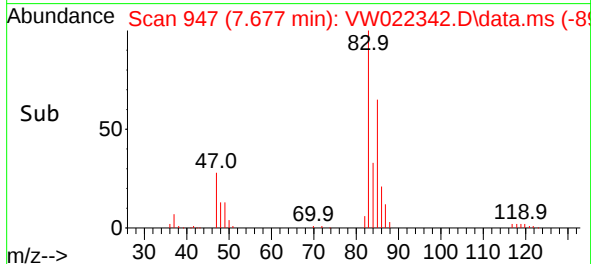
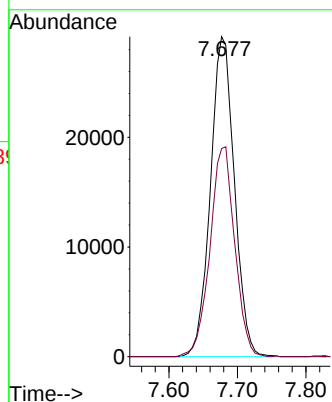
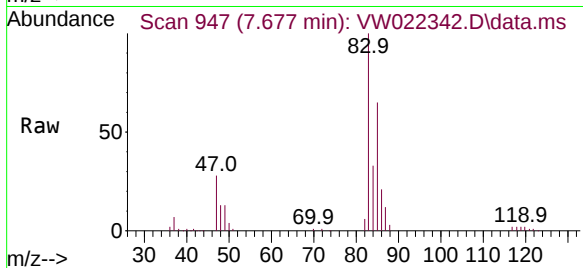
DBSA8MSD

Tgt Ion: 83 Resp: 70853

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.9



#27

1,2-Dichloroethane

Concen: 21.569 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW022342.D

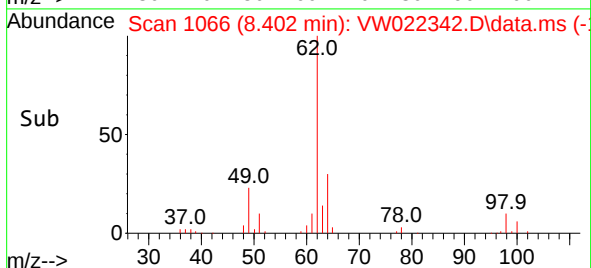
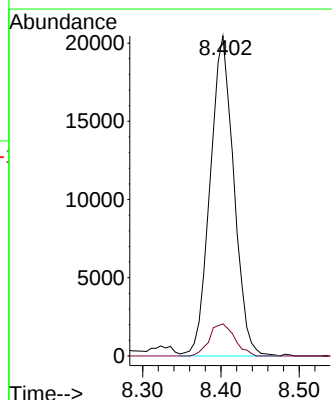
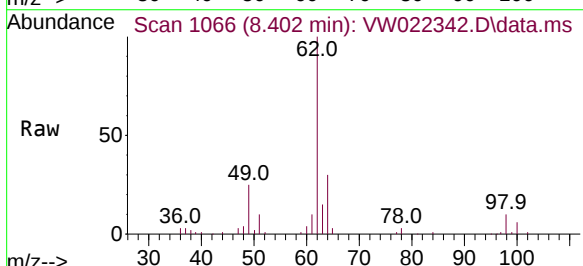
Acq: 15 Mar 2022 17:11

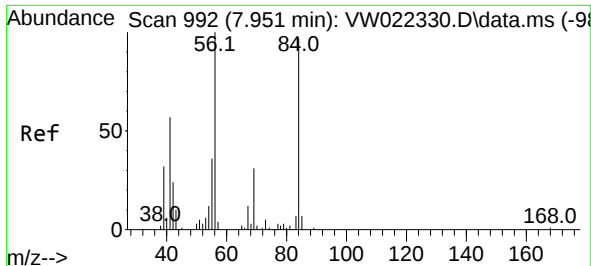
Tgt Ion: 62 Resp: 43014

Ion Ratio Lower Upper

62 100

98 10.0 7.9 11.9





#29

Cyclohexane

Concen: 16.319 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MSD

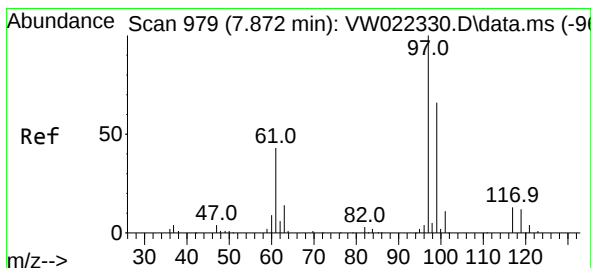
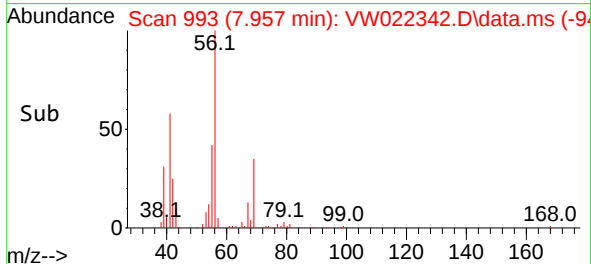
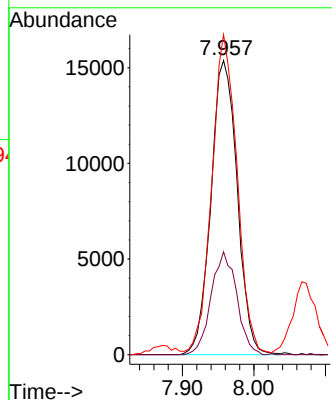
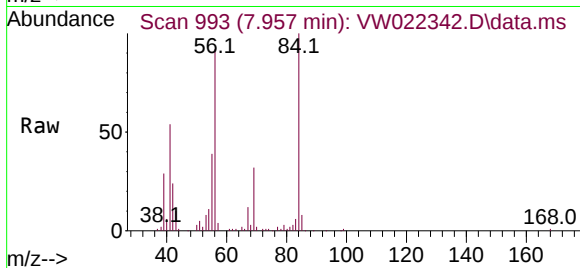
Tgt Ion: 56 Resp: 39219

Ion Ratio Lower Upper

56 100

69 34.1 26.3 39.5

84 105.1 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 21.097 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

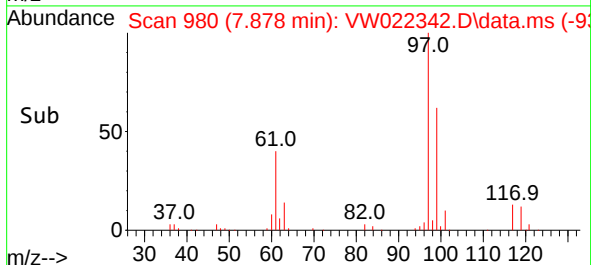
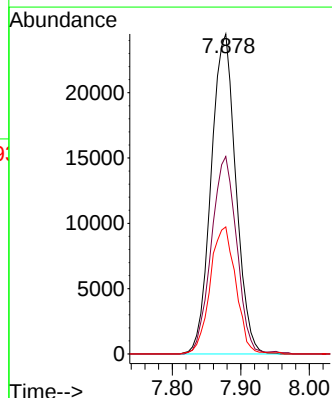
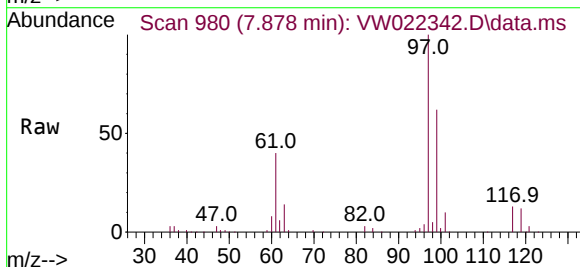
Tgt Ion: 97 Resp: 61295

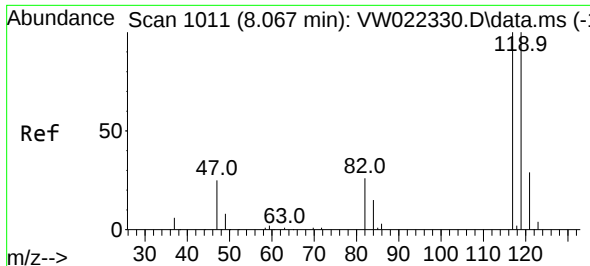
Ion Ratio Lower Upper

97 100

99 63.4 52.6 78.8

61 41.3 33.0 49.6

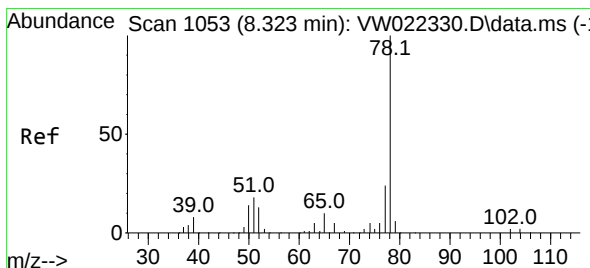
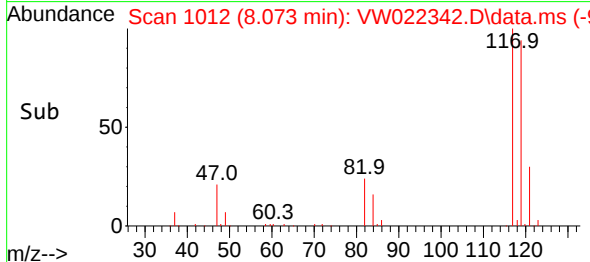
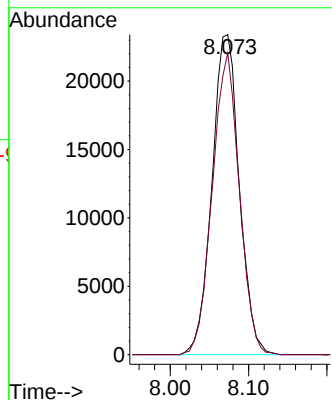
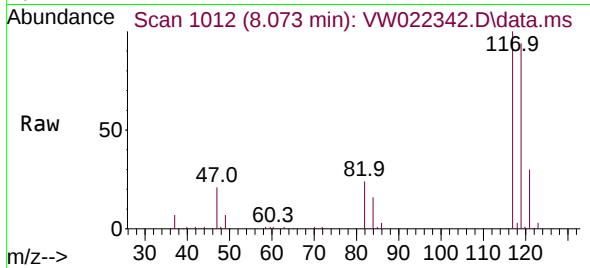




#31
Carbon tetrachloride
Concen: 20.523 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

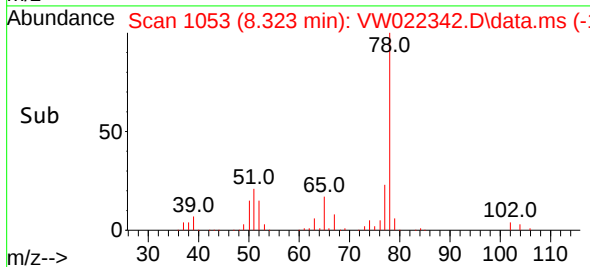
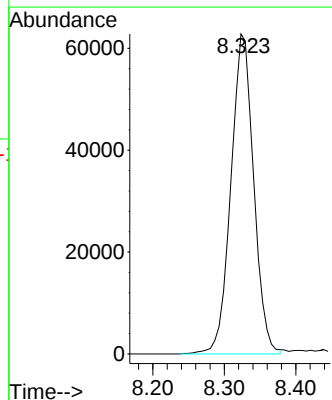
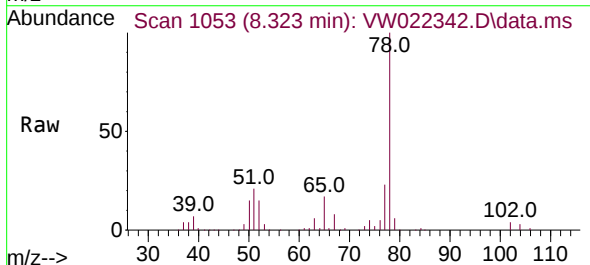
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

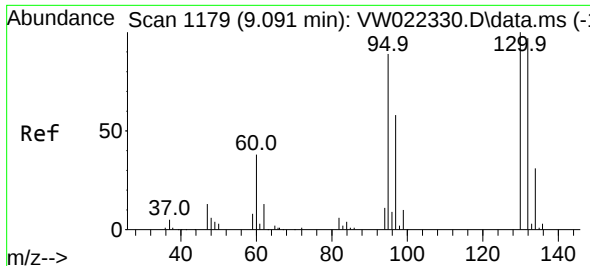
Tgt Ion:117 Resp: 56671
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1



#33
Benzene
Concen: 19.912 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 78 Resp: 139024

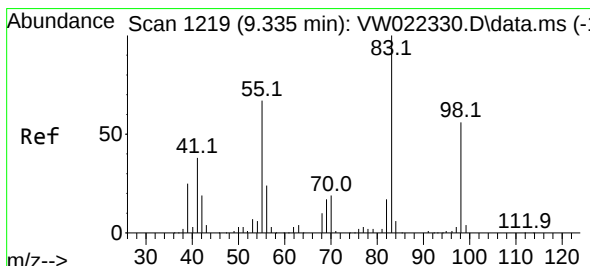
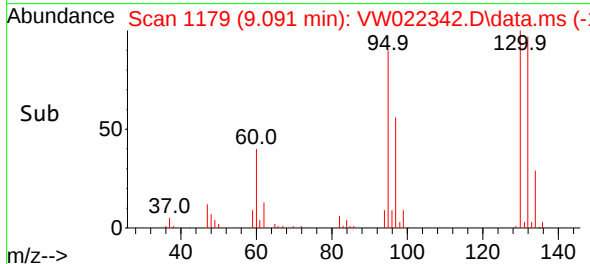
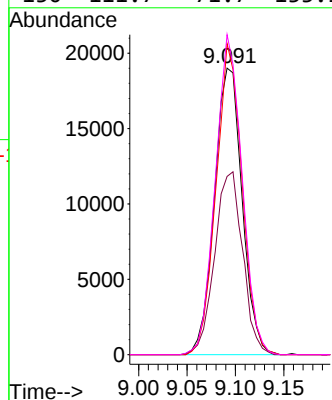
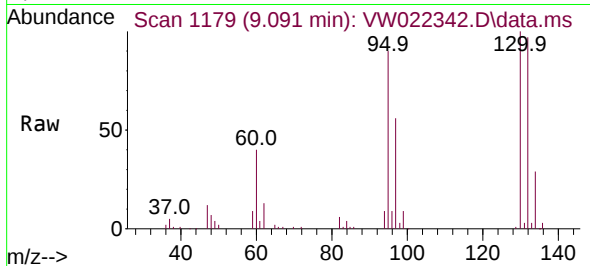




#34
Trichloroethene
Concen: 18.941 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

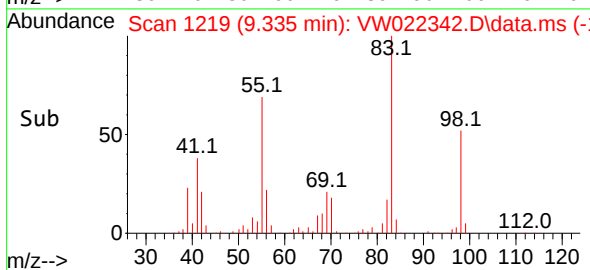
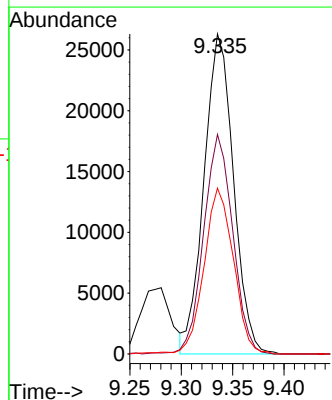
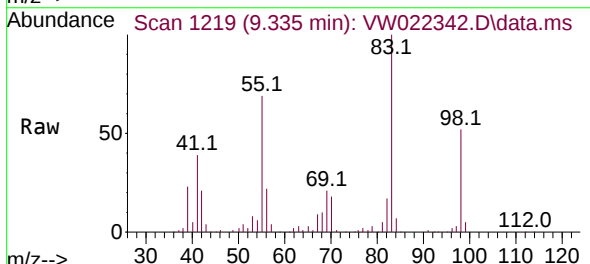
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

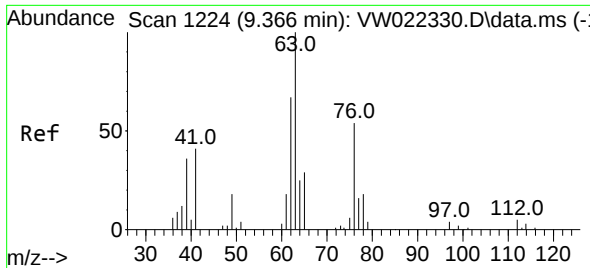
Tgt Ion: 95 Resp: 37865
Ion Ratio Lower Upper
95 100
97 62.2 44.4 82.4
132 108.5 71.7 133.1
130 111.7 71.7 133.1



#35
Methylcyclohexane
Concen: 16.972 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 83 Resp: 52480
Ion Ratio Lower Upper
83 100
55 67.8 53.8 80.8
98 51.5 42.1 63.1

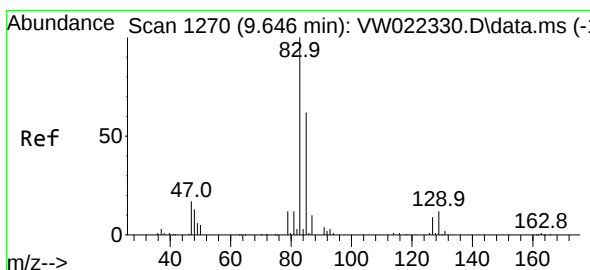
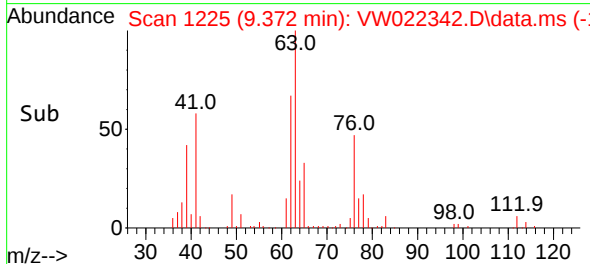
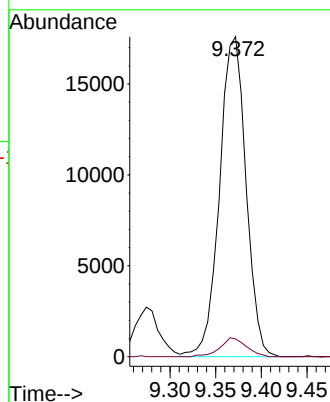
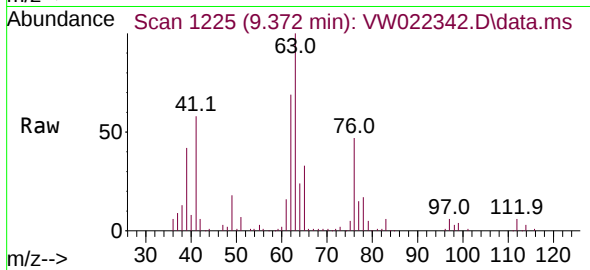




#37
1,2-Dichloropropane
Concen: 21.740 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

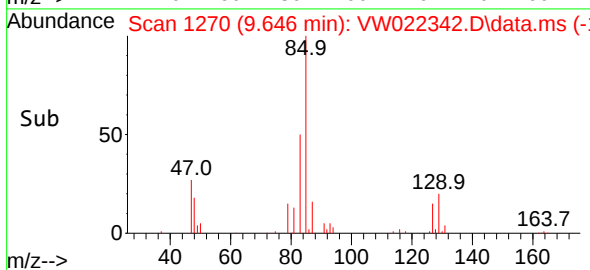
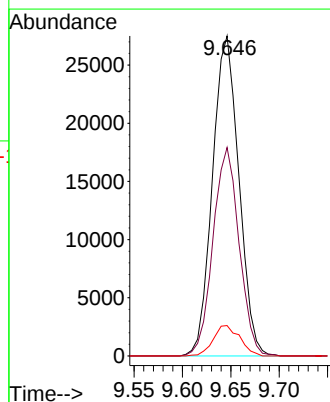
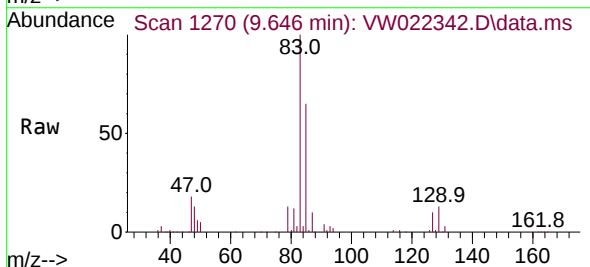
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

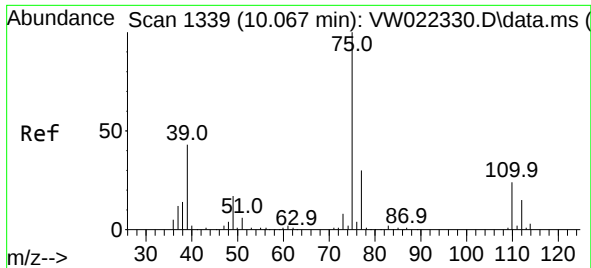
Tgt Ion: 63 Resp: 35412
Ion Ratio Lower Upper
63 100
112 5.8 4.1 6.1



#38
Bromodichloromethane
Concen: 22.348 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 83 Resp: 52203
Ion Ratio Lower Upper
83 100
85 65.2 47.9 89.1
127 9.5 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 22.312 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

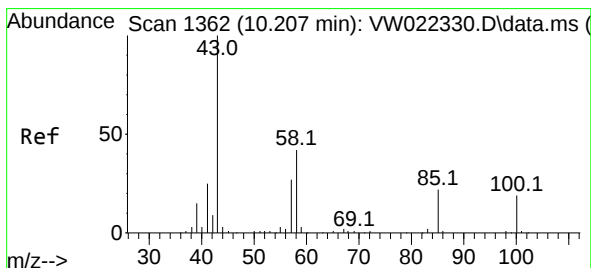
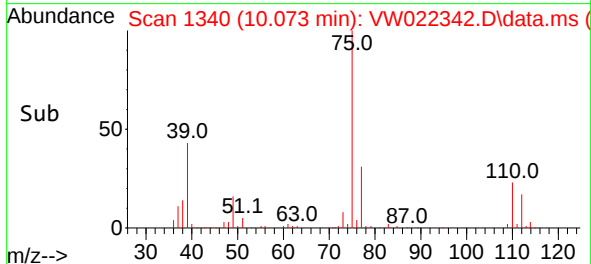
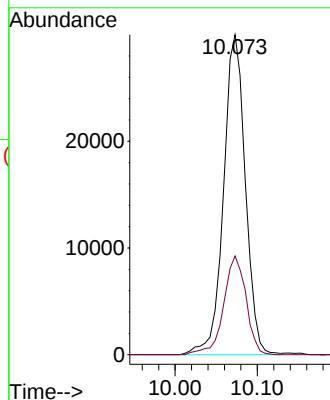
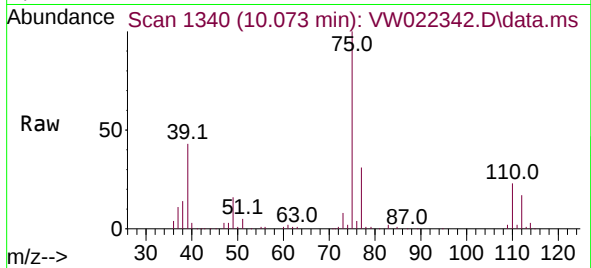
DBSA8MSD

Tgt Ion: 75 Resp: 55243

Ion Ratio Lower Upper

75 100

77 30.9 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 45.622 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

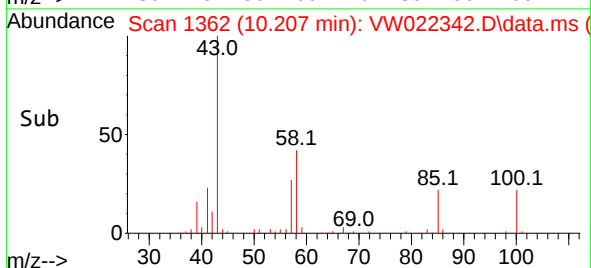
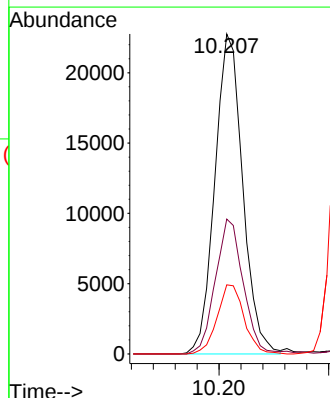
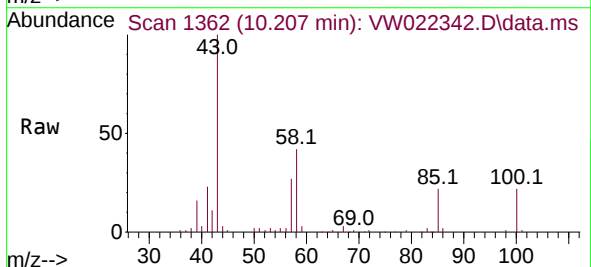
Tgt Ion: 43 Resp: 40131

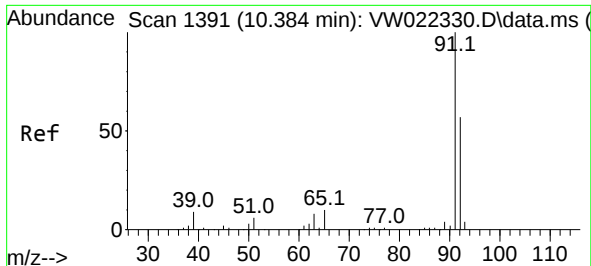
Ion Ratio Lower Upper

43 100

58 42.0 33.2 49.8

100 20.9 16.1 24.1

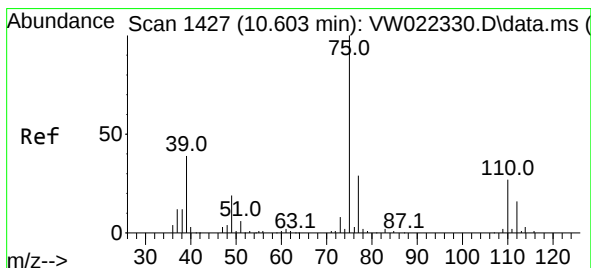
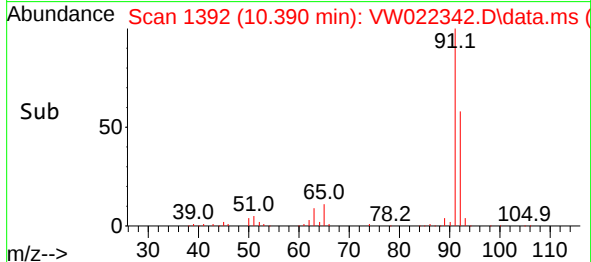
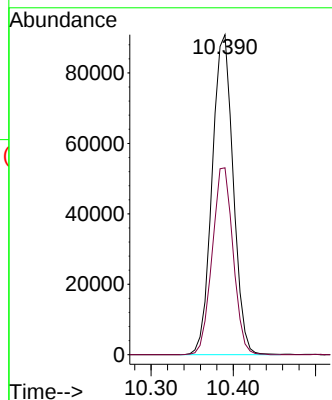
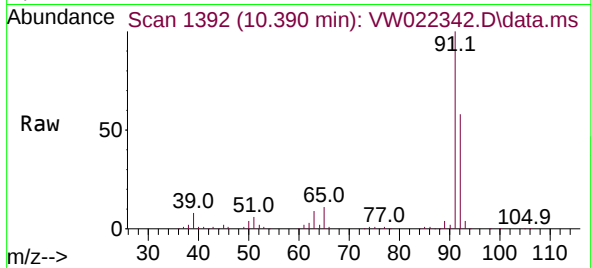




#42
Toluene
Concen: 20.453 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

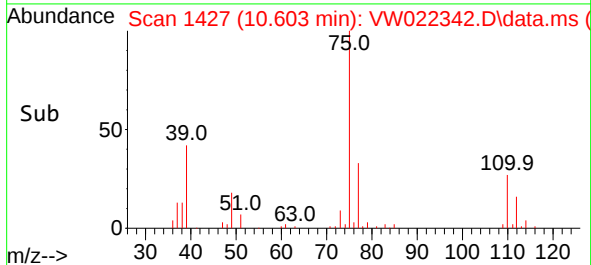
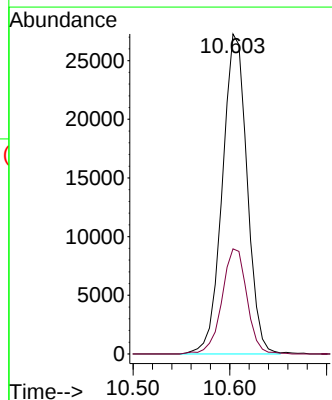
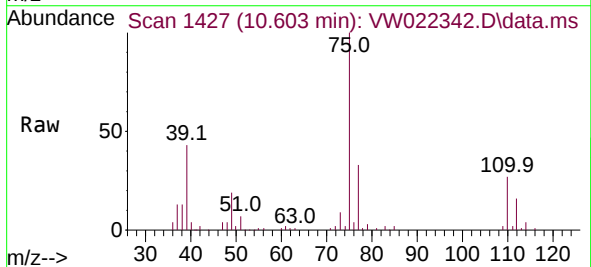
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

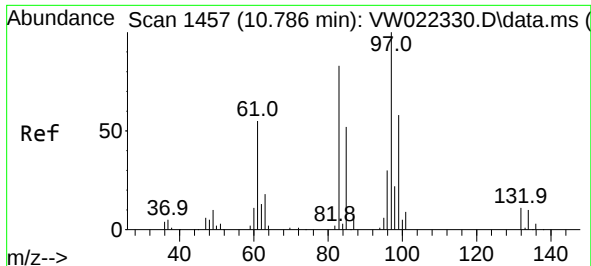
Tgt Ion: 91 Resp: 161630
Ion Ratio Lower Upper
91 100
92 58.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 21.726 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 75 Resp: 48339
Ion Ratio Lower Upper
75 100
77 32.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 21.874 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MSD

Tgt Ion: 97 Resp: 31595

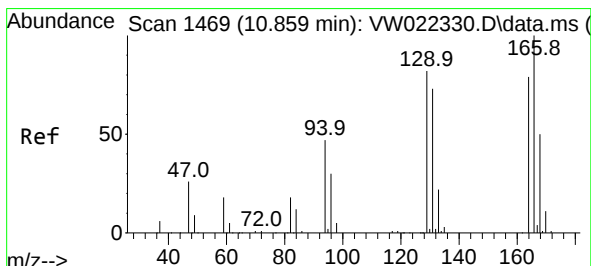
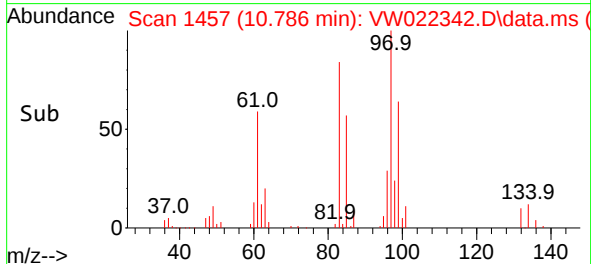
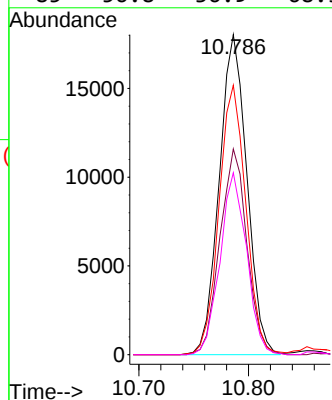
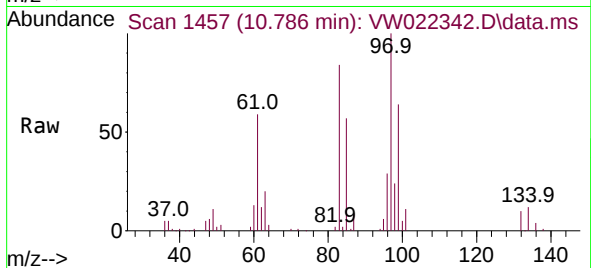
Ion Ratio Lower Upper

97 100

99 64.3 43.5 80.7

83 84.2 53.5 99.3

85 56.8 36.9 68.5



#46

Tetrachloroethene

Concen: 17.771 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Tgt Ion:164 Resp: 31122

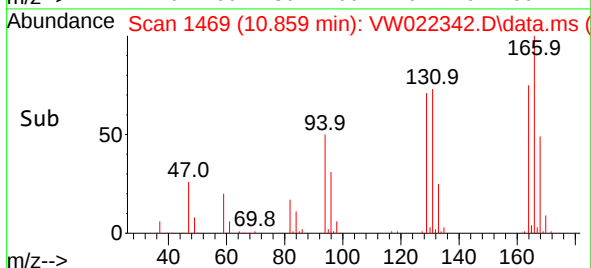
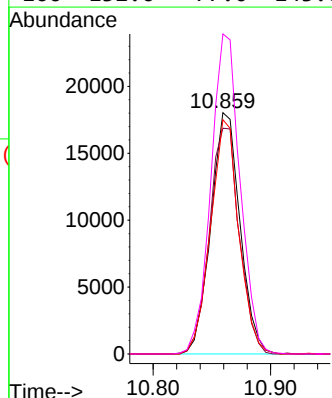
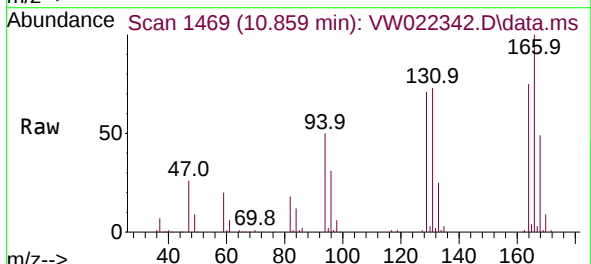
Ion Ratio Lower Upper

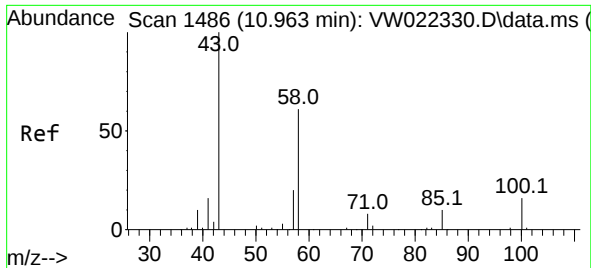
164 100

129 93.6 60.3 111.9

131 97.1 59.9 111.3

166 132.6 77.0 143.0

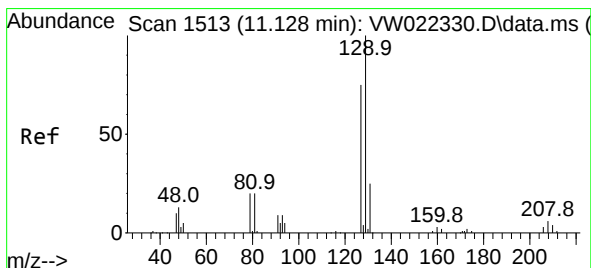
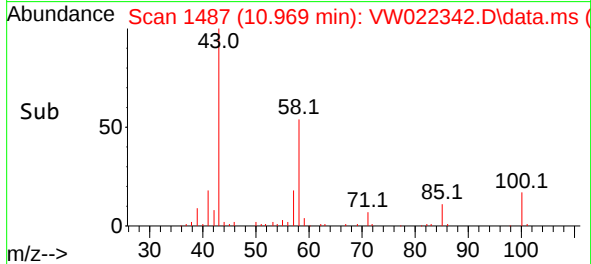
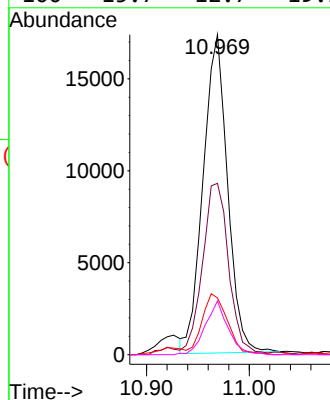
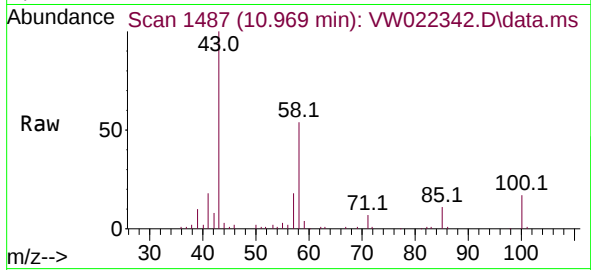




#48
2-Hexanone
Concen: 46.935 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

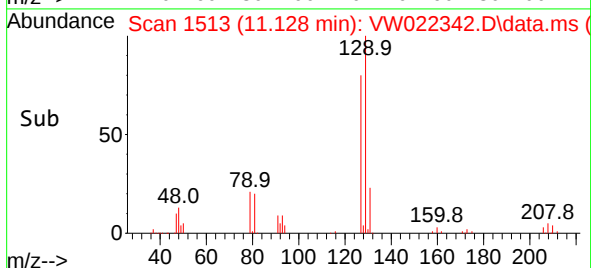
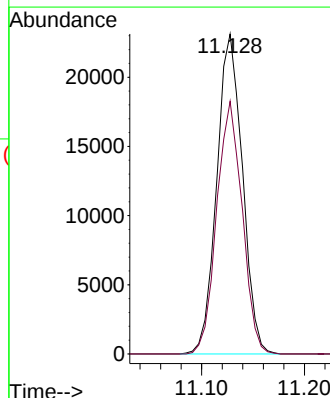
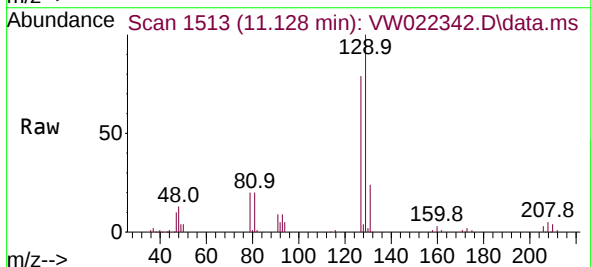
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

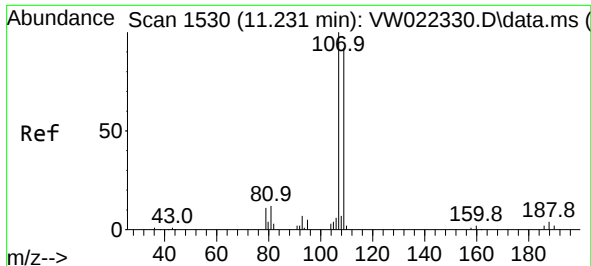
Tgt	Ion: 43	Resp:	28655
Ion	Ratio	Lower	Upper
43	100		
58	57.6	44.6	66.8
57	19.9	15.8	23.8
100	15.7	12.7	19.1



#49
Dibromochloromethane
Concen: 22.847 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion:129	Resp:	40084	
Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.5	101.1





#50

1,2-Dibromoethane

Concen: 21.447 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

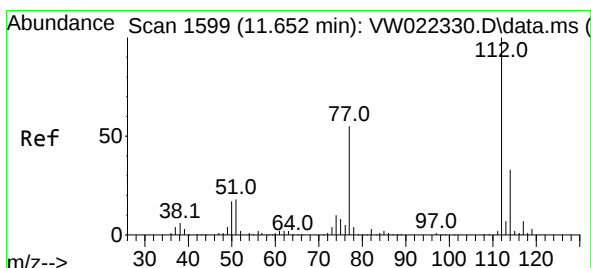
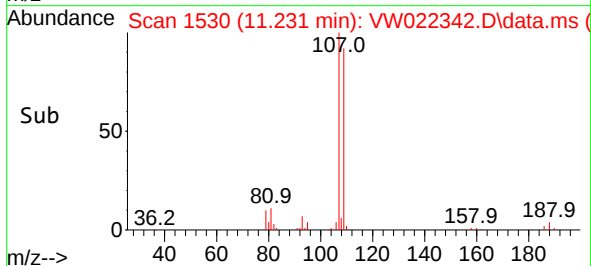
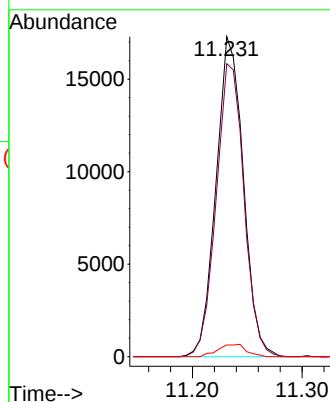
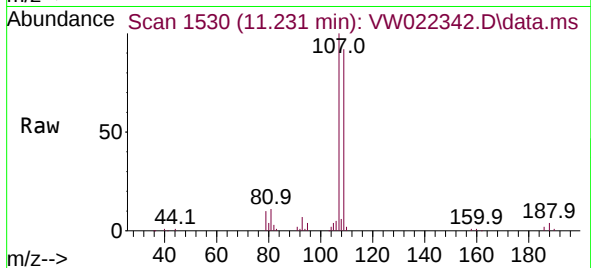
Instrument :

MSVOA_W

ClientSampleId :

DBSA8MSD

Tgt Ion:	107	Resp:	29880
Ion Ratio	Lower	Upper	
107	100		
109	91.5	66.8	124.2
188	3.6	2.6	4.0



#51

Chlorobenzene

Concen: 20.921 ug/L

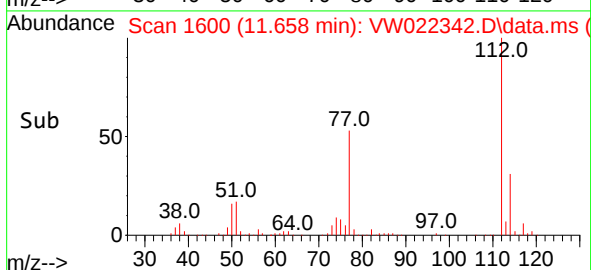
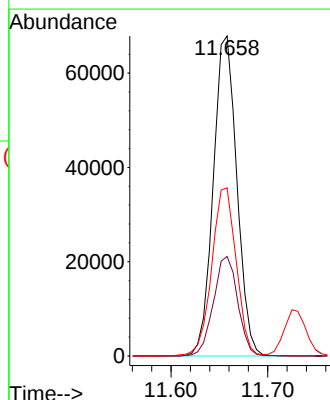
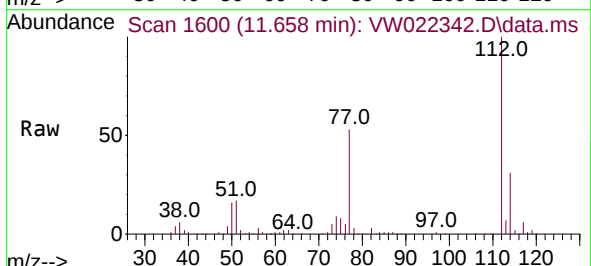
RT: 11.658 min Scan# 1600

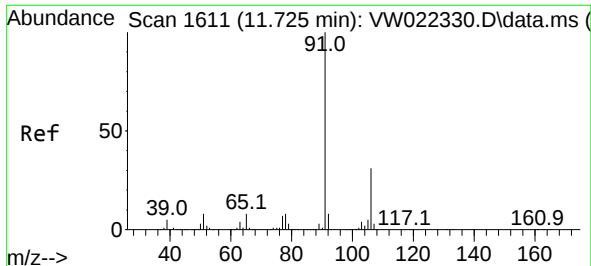
Delta R.T. 0.006 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Tgt Ion:	112	Resp:	115056
Ion Ratio	Lower	Upper	
112	100		
114	31.1	23.0	42.8
77	52.6	41.8	62.6





#52

Ethylbenzene

Concen: 20.836 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

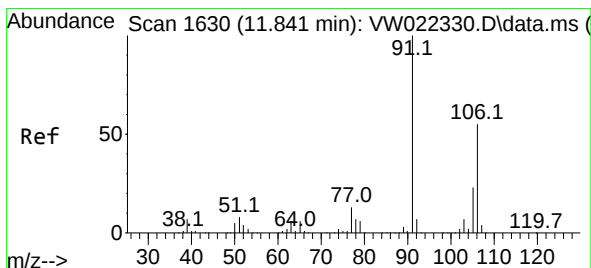
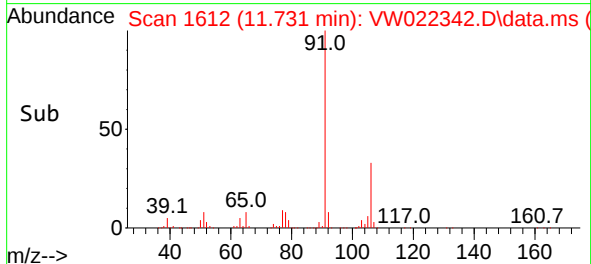
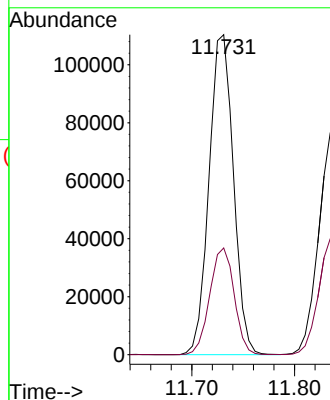
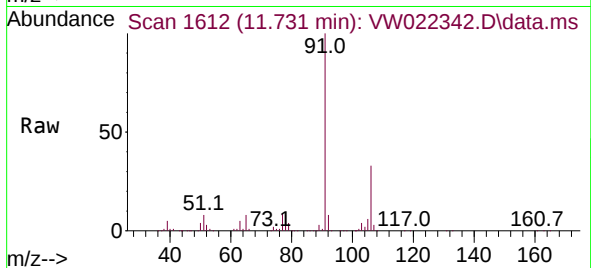
DBSA8MSD

Tgt Ion: 91 Resp: 182229

Ion Ratio Lower Upper

91 100

106 33.3 22.8 42.4



#53

m,p-Xylene

Concen: 20.474 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW022342.D

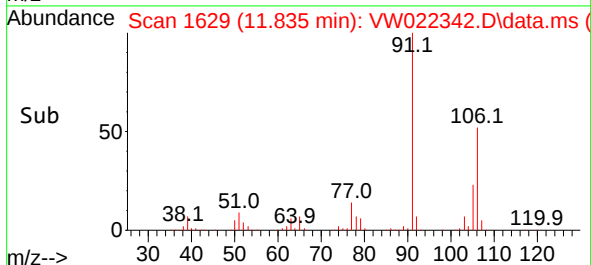
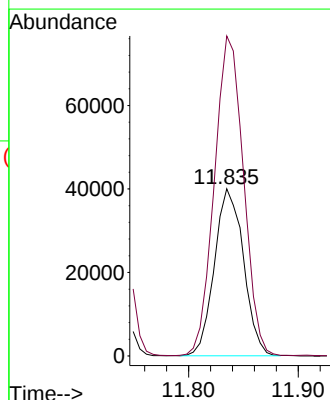
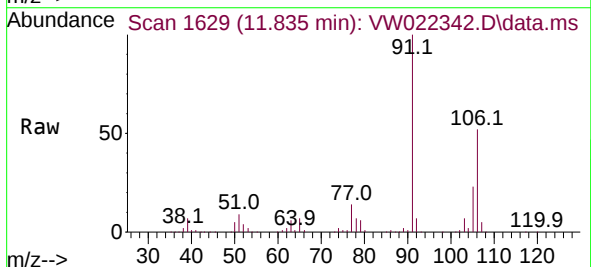
Acq: 15 Mar 2022 17:11

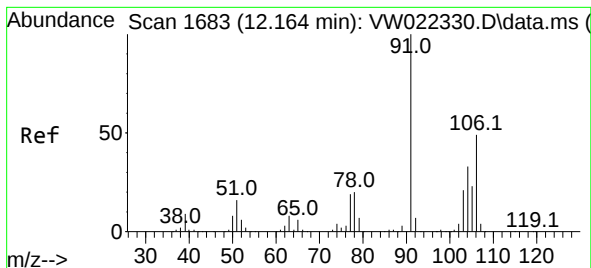
Tgt Ion:106 Resp: 73681

Ion Ratio Lower Upper

106 100

91 191.3 135.0 250.8





#54

o-Xylene

Concen: 21.750 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

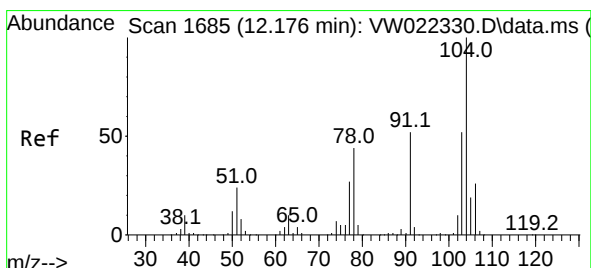
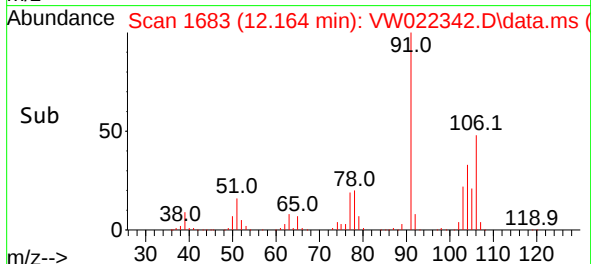
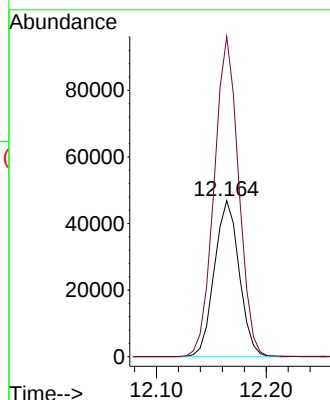
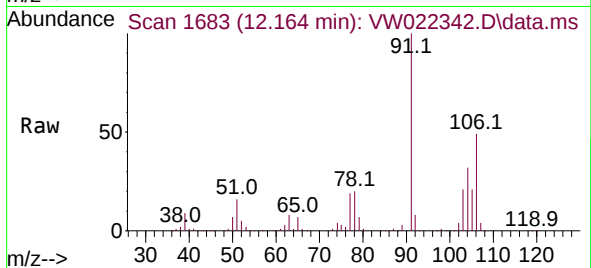
DBSA8MSD

Tgt Ion:106 Resp: 73647

Ion Ratio Lower Upper

106 100

91 205.1 136.9 254.3



#55

Styrene

Concen: 22.739 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022342.D

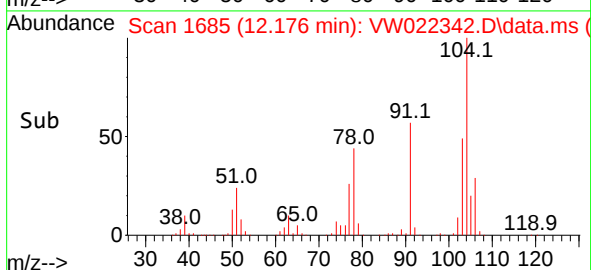
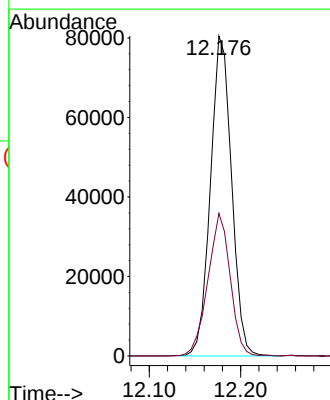
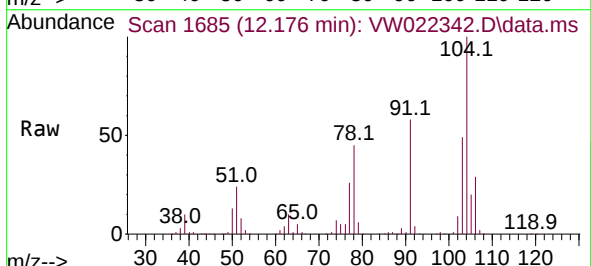
Acq: 15 Mar 2022 17:11

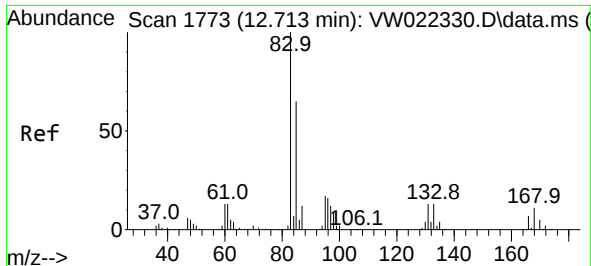
Tgt Ion:104 Resp: 129077

Ion Ratio Lower Upper

104 100

78 44.6 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 22.984 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MSD

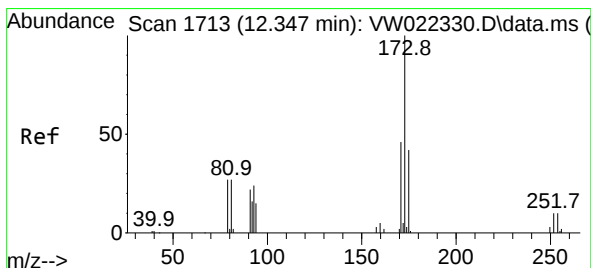
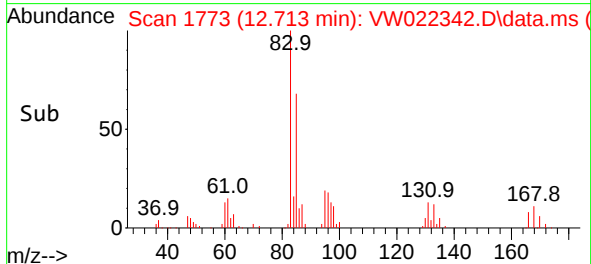
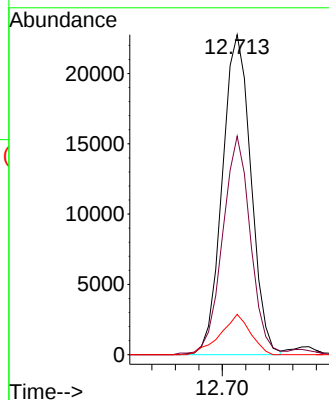
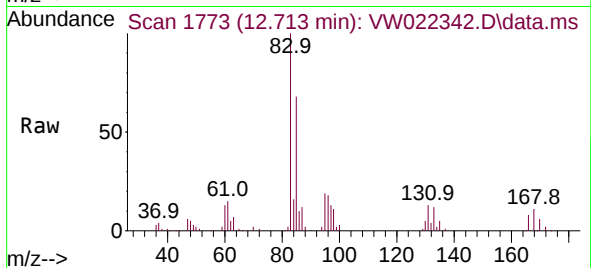
Tgt Ion: 83 Resp: 38518

Ion Ratio Lower Upper

83 100

85 68.3 44.2 82.0

131 12.6 9.4 14.0



#59

Bromoform

Concen: 22.553 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

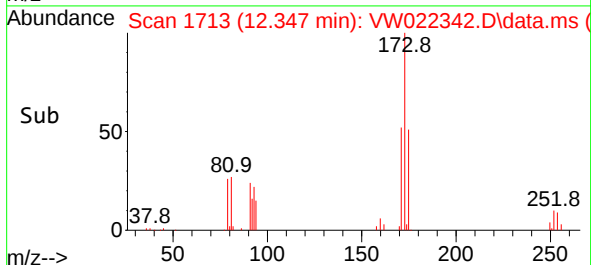
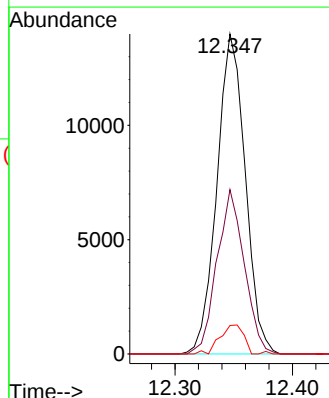
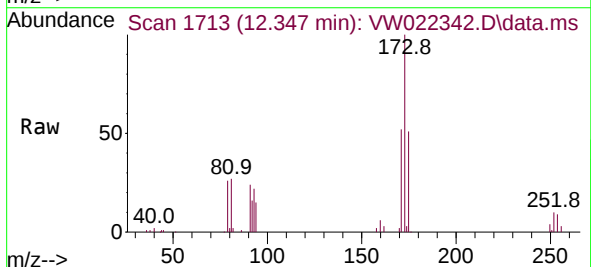
Tgt Ion:173 Resp: 23475

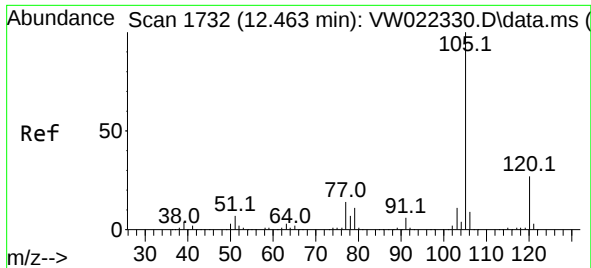
Ion Ratio Lower Upper

173 100

175 49.6 38.2 57.4

254 7.4 5.0 7.6

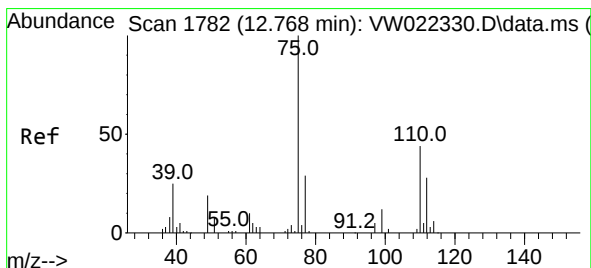
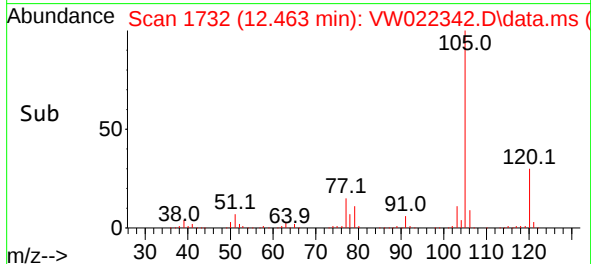
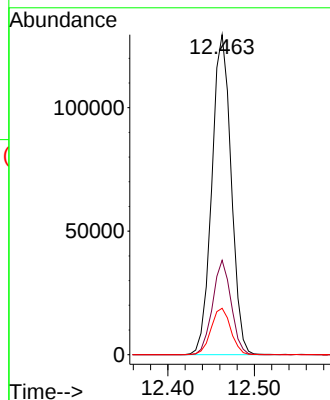
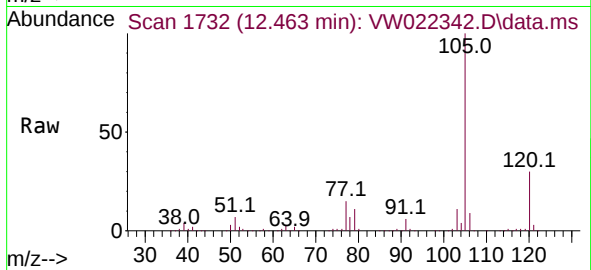




#60
Isopropylbenzene
Concen: 21.229 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

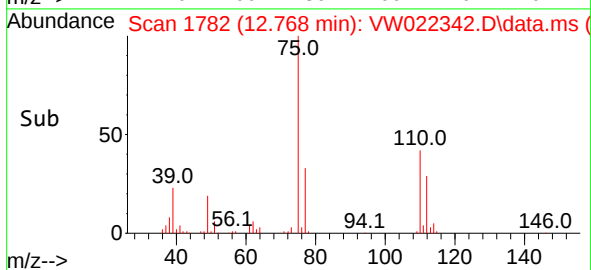
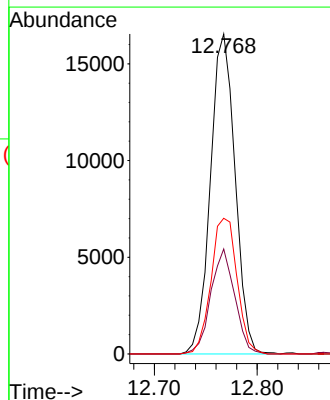
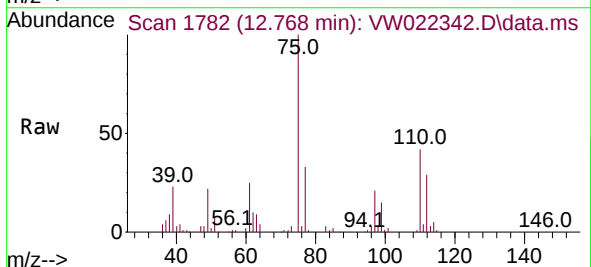
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

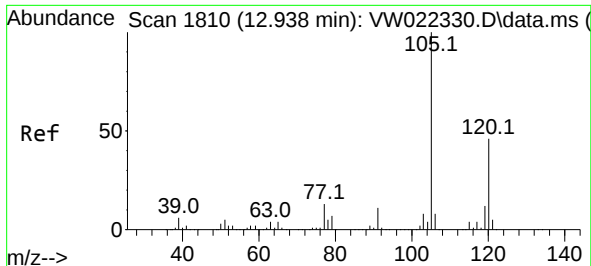
Tgt Ion:105 Resp: 200584
Ion Ratio Lower Upper
105 100
120 28.4 22.1 33.1
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 22.204 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion: 75 Resp: 27584
Ion Ratio Lower Upper
75 100
77 31.8 27.1 40.7
110 44.9 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 21.857 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

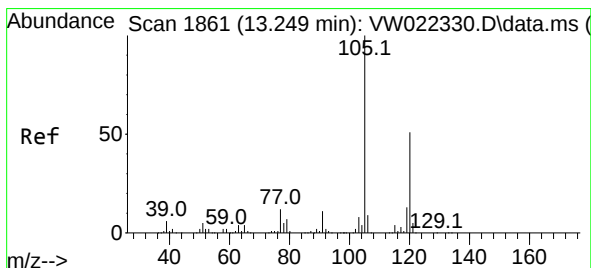
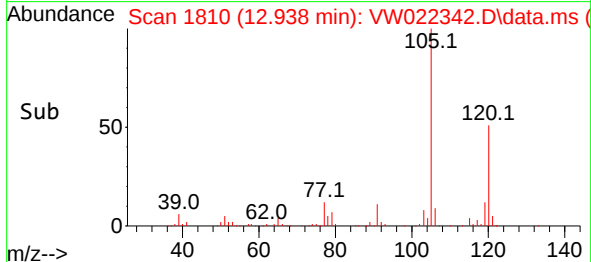
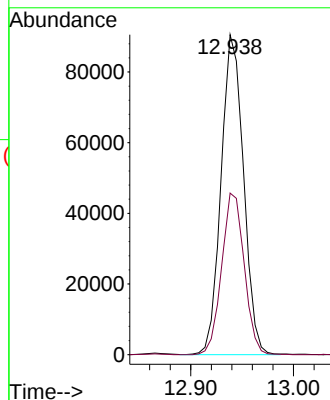
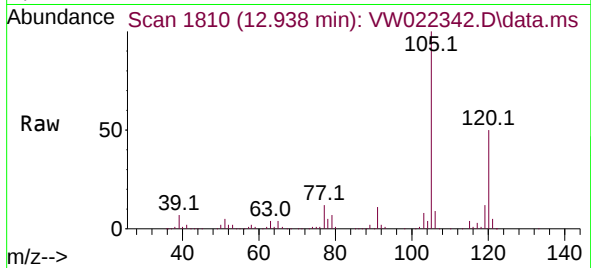
DBSA8MSD

Tgt Ion:105 Resp: 137325

Ion Ratio Lower Upper

105 100

120 50.7 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 22.204 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022342.D

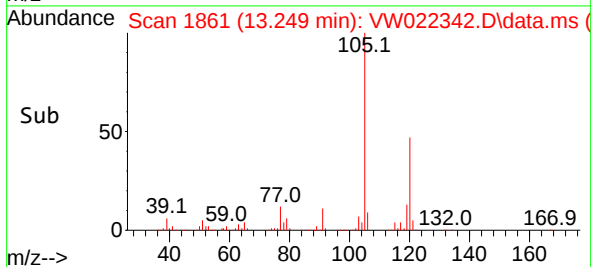
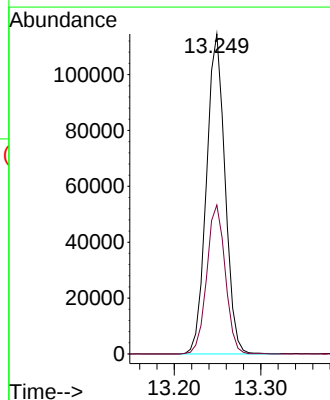
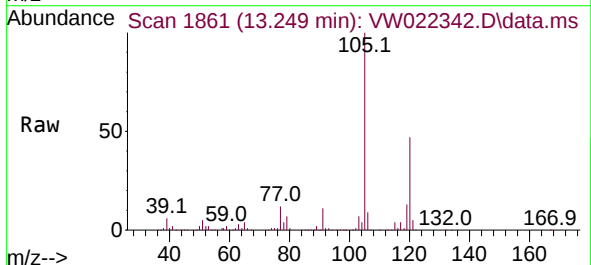
Acq: 15 Mar 2022 17:11

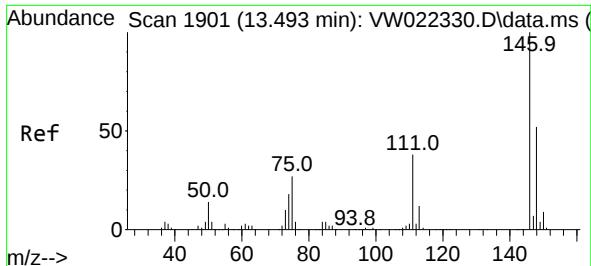
Tgt Ion:105 Resp: 170495

Ion Ratio Lower Upper

105 100

120 46.2 39.2 58.8

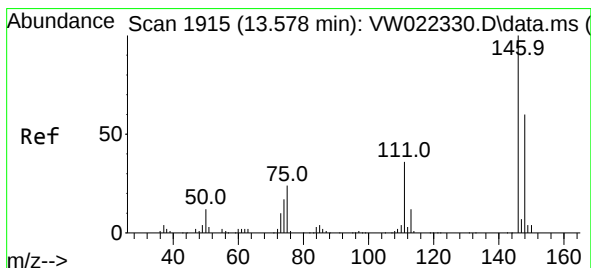
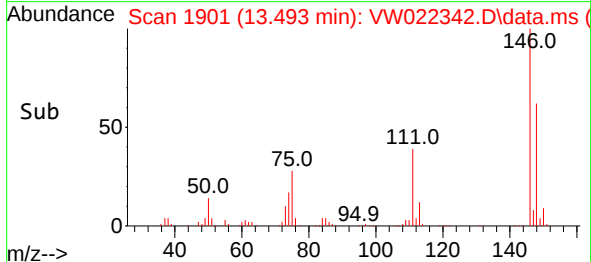
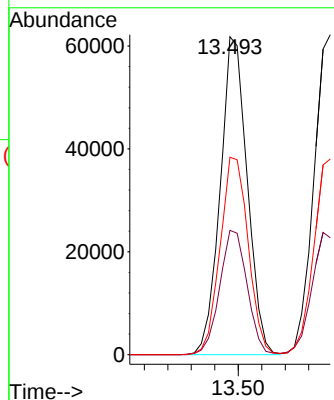
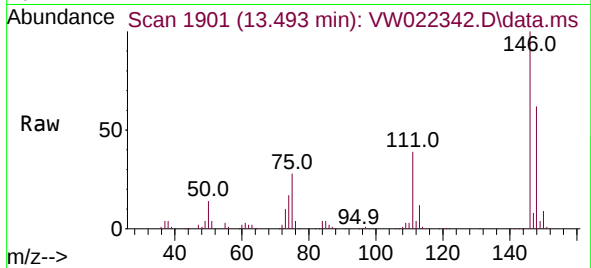




#64
1,3-Dichlorobenzene
Concen: 21.024 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

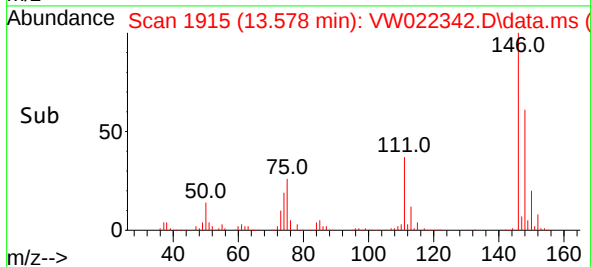
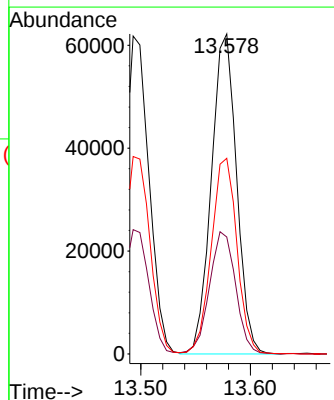
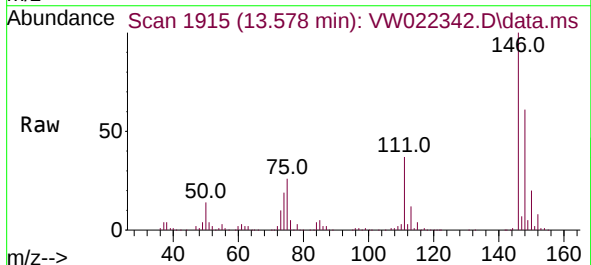
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

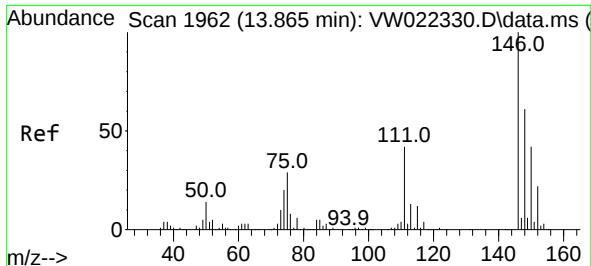
Tgt Ion:146 Resp: 98540
Ion Ratio Lower Upper
146 100
111 39.1 26.9 49.9
148 62.1 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 21.273 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion:146 Resp: 99920
Ion Ratio Lower Upper
146 100
111 36.6 27.5 51.1
148 61.2 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 22.322 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MSD

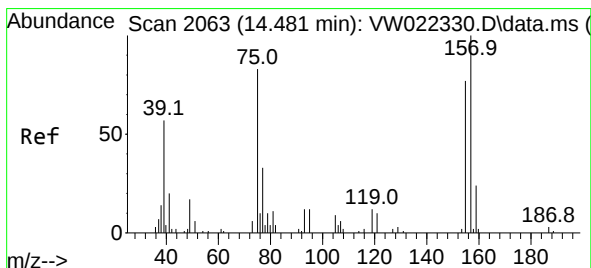
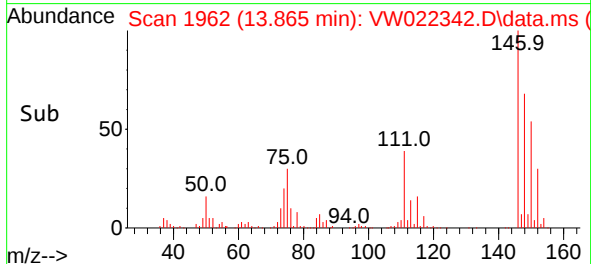
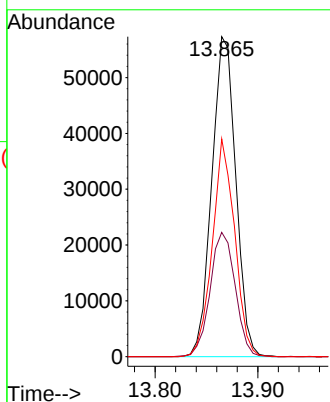
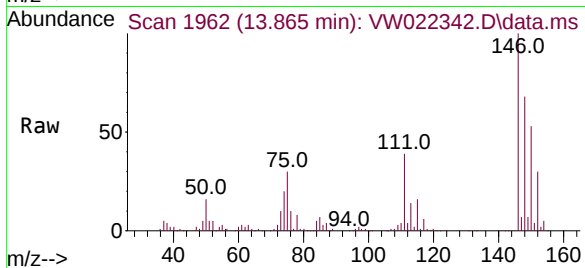
Tgt Ion:146 Resp: 93021

Ion Ratio Lower Upper

146 100

111 38.8 34.8 52.2

148 68.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.350 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

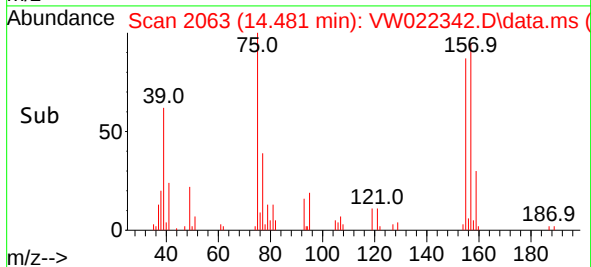
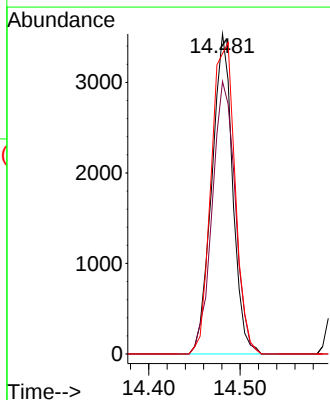
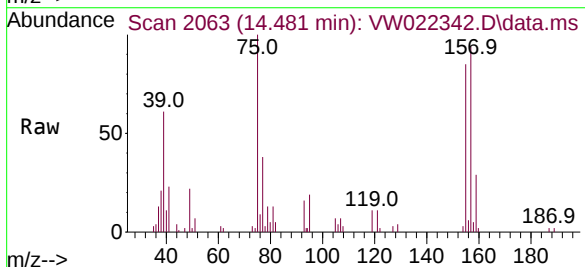
Tgt Ion: 75 Resp: 5607

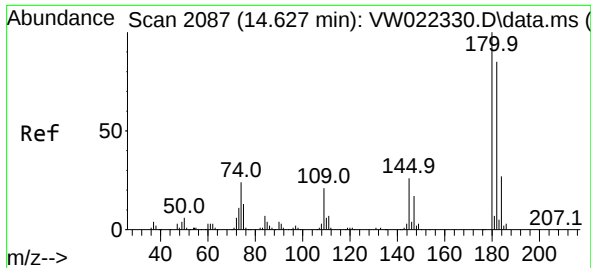
Ion Ratio Lower Upper

75 100

155 85.1 58.2 87.2

157 93.8 80.5 120.7

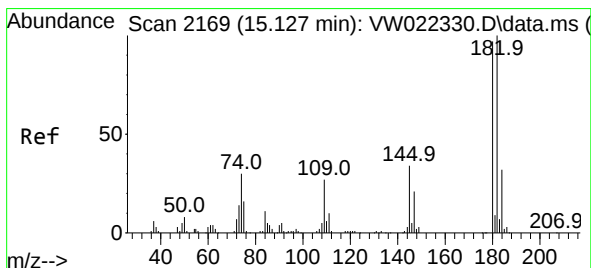
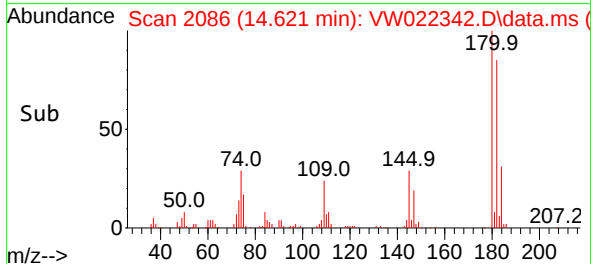
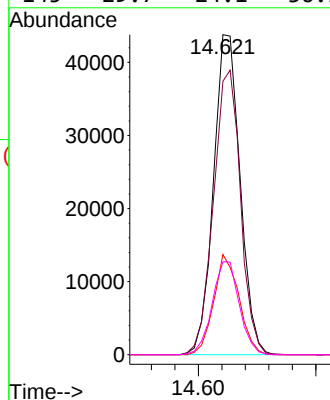
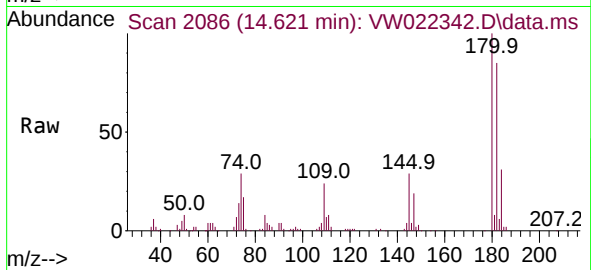




#69
1,3,5-Trichlorobenzene
Concen: 20.467 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

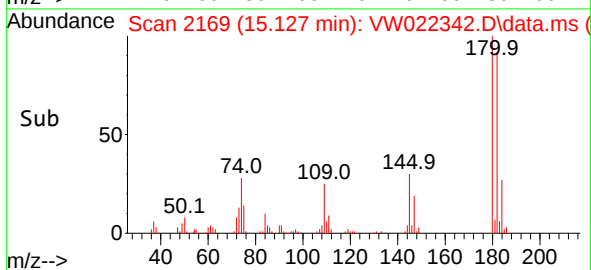
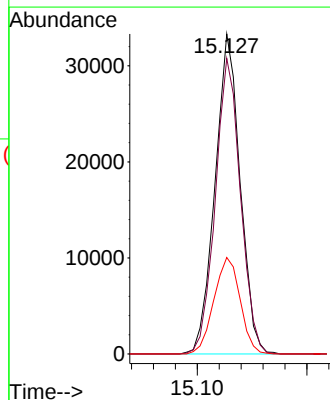
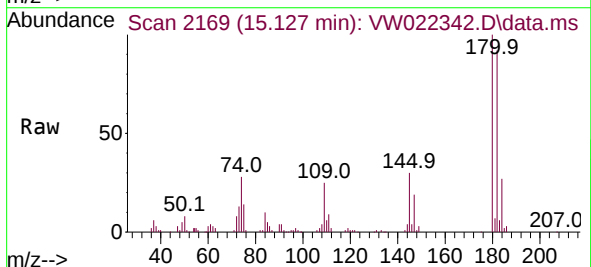
Instrument :
MSVOA_W
ClientSampleId :
DBSA8MSD

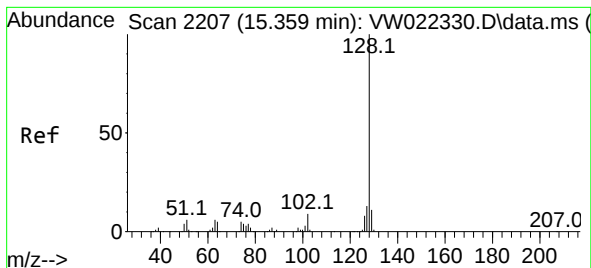
Tgt Ion:180	Resp:	68856
Ion Ratio	Lower	Upper
180	100	
182	90.2	69.4 104.0
184	29.8	21.8 32.8
145	29.7	24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 20.827 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022342.D
Acq: 15 Mar 2022 17:11

Tgt Ion:180	Resp:	53015
Ion Ratio	Lower	Upper
180	100	
182	92.3	77.8 116.6
145	31.4	25.8 38.6





#71

Naphthalene

Concen: 22.111 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Instrument :

MSVOA_W

ClientSampleId :

DBSA8MSD

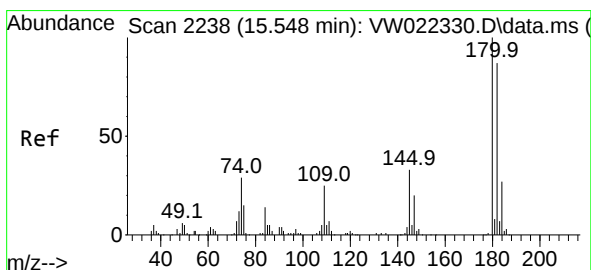
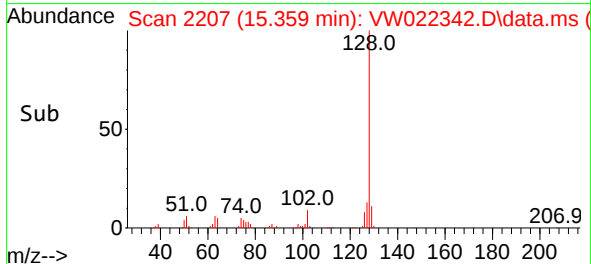
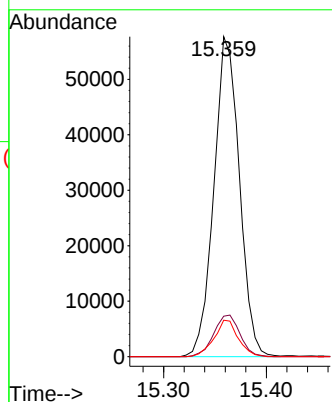
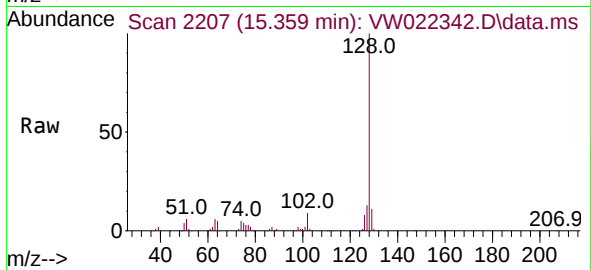
Tgt Ion:128 Resp: 99358

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 21.954 ug/L

RT: 15.547 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022342.D

Acq: 15 Mar 2022 17:11

Tgt Ion:180 Resp: 48337

Ion Ratio Lower Upper

180 100

182 94.0 79.0 118.4

145 32.6 28.0 42.0

