

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023389.D
 Acq On : 03 Jun 2022 10:43
 Operator : SY/VA
 Sample : N3171-04REMSD
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9REMSD

Quant Time: Jun 03 23:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	30041	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	25382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	9705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	13172	29.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.600%	
7) Chloroethane-d5	2.898	69	7797	25.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.280%	
11) 1,1-Dichloroethene-d2	4.038	63	18087	26.488	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 105.960%	
21) 2-Butanone-d5	7.092	46	2967	32.543	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 65.080%	
24) Chloroform-d	7.653	84	19860	25.105	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.440%	
26) 1,2-Dichloroethane-d4	8.311	65	10046	24.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.000%	
32) Benzene-d6	8.281	84	37739	27.672	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.680%	
36) 1,2-Dichloropropane-d6	9.281	67	11208	28.726	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 114.920%	
41) Toluene-d8	10.329	98	31064	23.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.560%	
43) trans-1,3-Dichloroprop...	10.579	79	3373	19.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 77.480%	
47) 2-Hexanone-d5	10.933	63	1730	27.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 55.200%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	7555	21.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 87.800%	
66) 1,2-Dichlorobenzene-d4	13.853	152	7877	22.962	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	2356	19.590	ug/L	94
3) Chloromethane	2.221	50	8386	22.605	ug/L	91
5) Vinyl chloride	2.355	62	14554	25.203	ug/L	88
6) Bromomethane	2.788	94	6545	23.218	ug/L	96
8) Chloroethane	2.934	64	6011	22.769	ug/L	97
9) Trichlorofluoromethane	3.282	101	15735	57.685	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	9822	24.850	ug/L #	70
12) 1,1-Dichloroethene	4.050	96	7650	22.220	ug/L	83
13) Acetone	4.166	43	527	7.868	ug/L	67
14) Carbon disulfide	4.391	76	22841	19.862	ug/L	98
15) Methyl Acetate	4.647	43	207	1.407	ug/L #	24
16) Methylene chloride	4.934	84	8862	20.594	ug/L	86
17) trans-1,2-Dichloroethene	5.440	96	9082	22.612	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	14851	25.116	ug/L	97
19) 1,1-Dichloroethane	6.220	63	9276	13.634	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	8601	20.392	ug/L #	83
23) Bromochloromethane	7.519	128	4279	21.446	ug/L	82
25) Chloroform	7.677	83	17171	23.059	ug/L	98
27) 1,2-Dichloroethane	8.403	62	9880	20.608	ug/L	100

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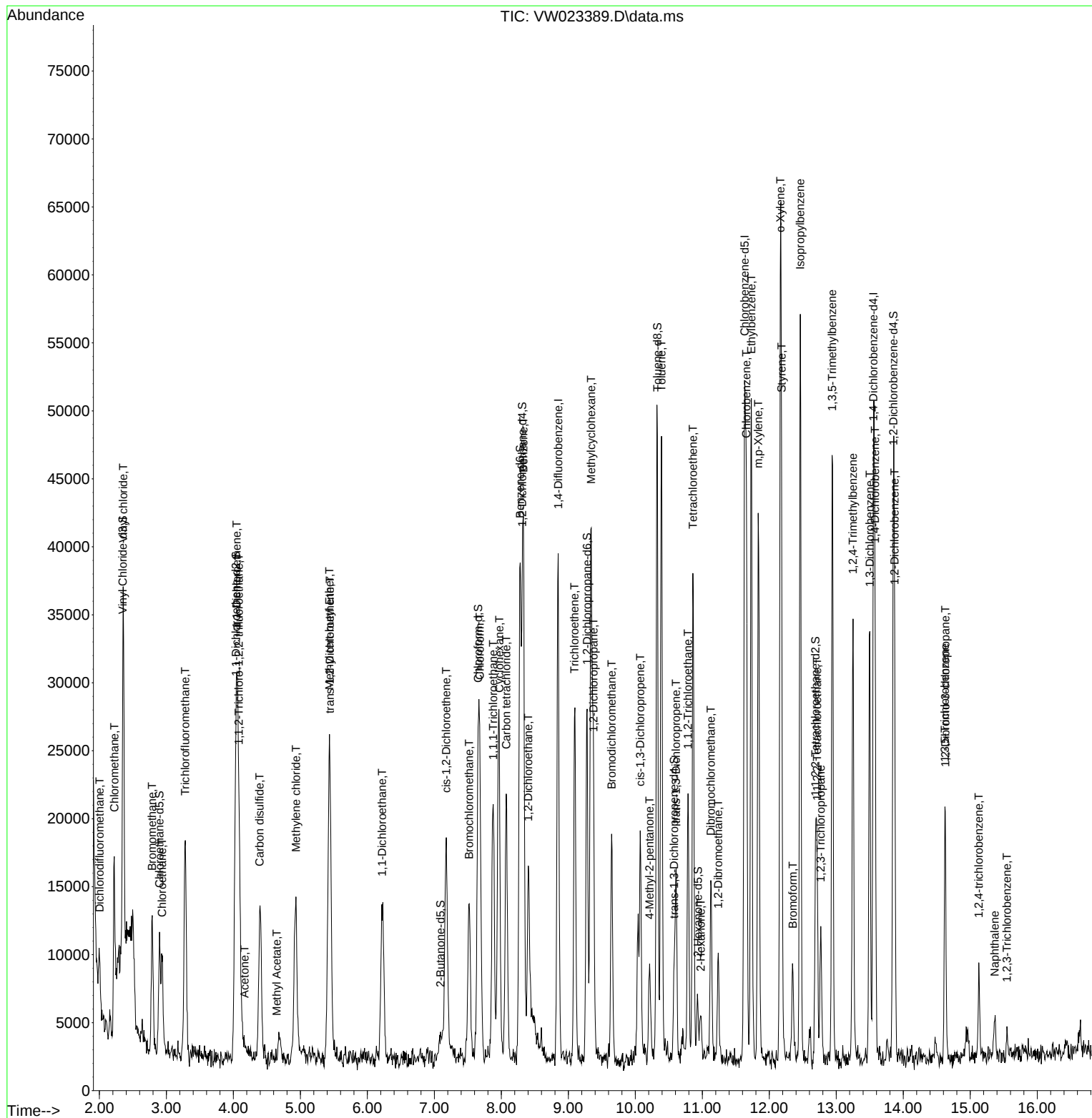
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.970	56	12291	22.672	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	15560	26.489	ug/L	98
31) Carbon tetrachloride	8.073	117	13523	24.478	ug/L	98
33) Benzene	8.329	78	36452	25.071	ug/L	100
34) Trichloroethene	9.092	95	9045	22.970	ug/L	93
35) Methylcyclohexane	9.341	83	13328	20.430	ug/L	92
37) 1,2-Dichloropropane	9.378	63	8287	24.193	ug/L #	92
38) Bromodichloromethane	9.646	83	10693	22.054	ug/L #	92
39) cis-1,3-Dichloropropene	10.073	75	9456	17.575	ug/L	92
40) 4-Methyl-2-pentanone	10.213	43	5118	26.370	ug/L	95
42) Toluene	10.390	91	34007	21.053	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	7267	15.094	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	5690	20.289	ug/L	94
46) Tetrachloroethene	10.860	164	7034	22.308	ug/L	94
48) 2-Hexanone	10.975	43	2101	16.193	ug/L #	77
49) Dibromochloromethane	11.128	129	6267	18.210	ug/L	92
50) 1,2-Dibromoethane	11.238	107	4846	17.725	ug/L #	88
51) Chlorobenzene	11.658	112	20648	19.360	ug/L	97
52) Ethylbenzene	11.731	91	32973	18.589	ug/L	96
53) m,p-Xylene	11.835	106	12054	17.161	ug/L	93
54) o-Xylene	12.164	106	12564	18.696	ug/L	85
55) Styrene	12.182	104	17370	15.166	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	5417	16.354	ug/L	95
59) Bromoform	12.353	173	2750	19.302	ug/L #	96
60) Isopropylbenzene	12.463	105	32596	24.489	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	3757	21.536	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	23365	21.425	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	16693	19.716	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	12059	19.928	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	11269	18.218	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	9990	18.265	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.627	75	1170	30.111	ug/L #	2
69) 1,3,5-Trichlorobenzene	14.621	180	5351	13.390	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	1870	5.889	ug/L	92
71) Naphthalene	15.365	128	2269	3.796	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.548	180	255	0.928	ug/L #	61

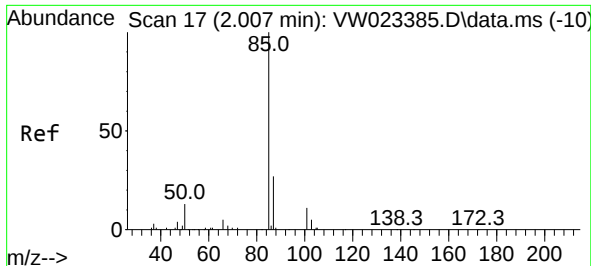
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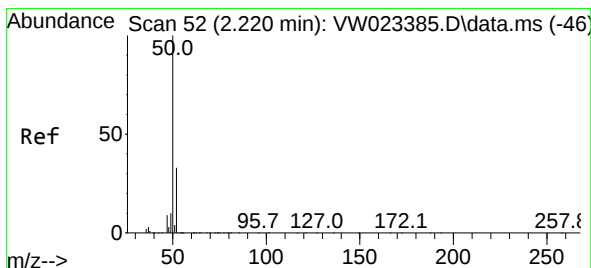
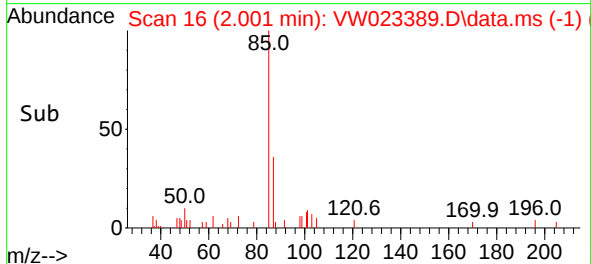
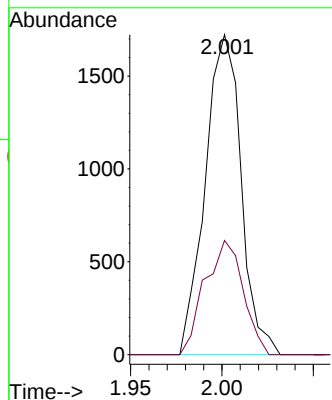
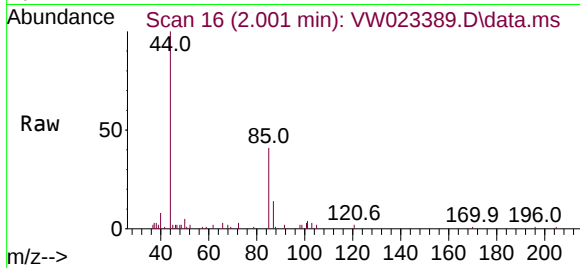




#2
Dichlorodifluoromethane
Concen: 19.590 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

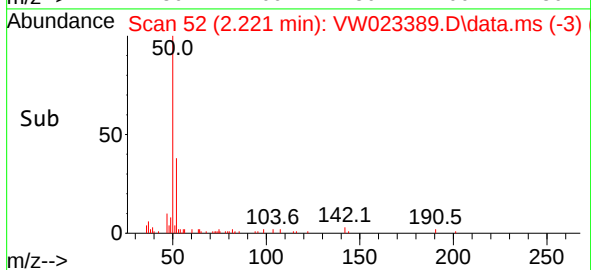
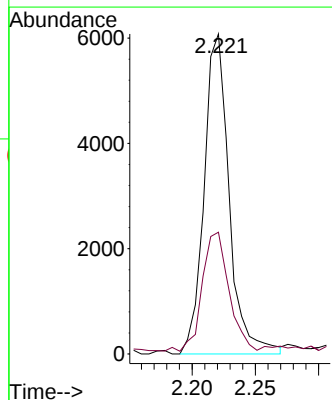
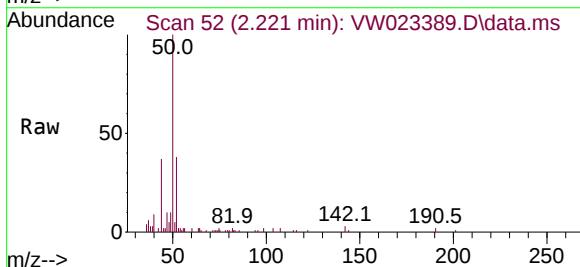
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ClientSampleId :
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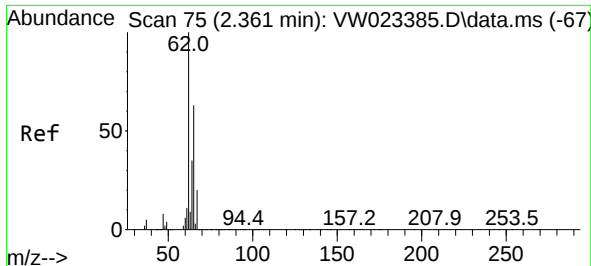
Tgt Ion: 85 Resp: 2356
Ion Ratio Lower Upper
85 100
87 38.0 27.8 41.8



#3
Chloromethane
Concen: 22.605 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 50 Resp: 8386
Ion Ratio Lower Upper
50 100
52 38.1 23.1 42.9

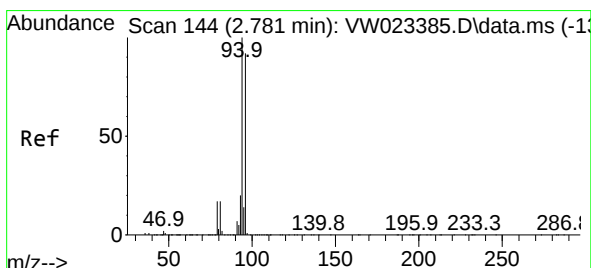
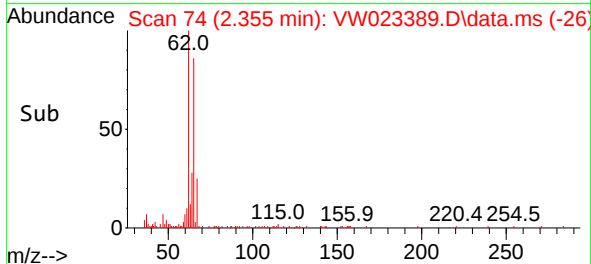
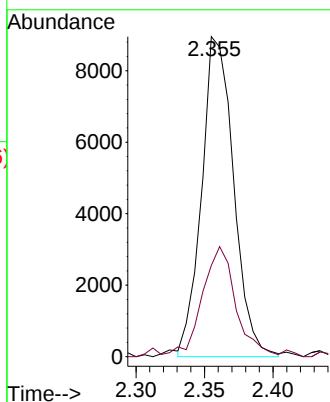
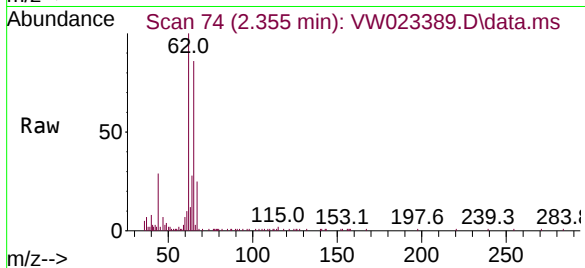




#5
 Vinyl chloride
 Concen: 25.203 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

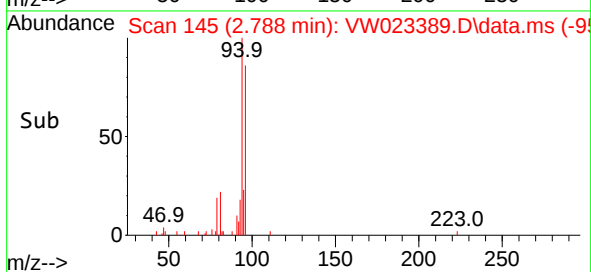
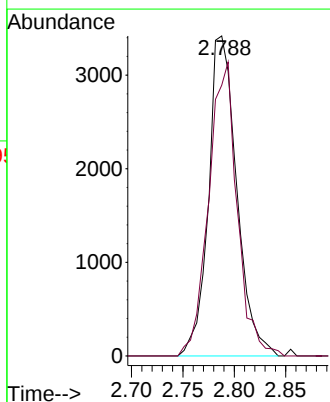
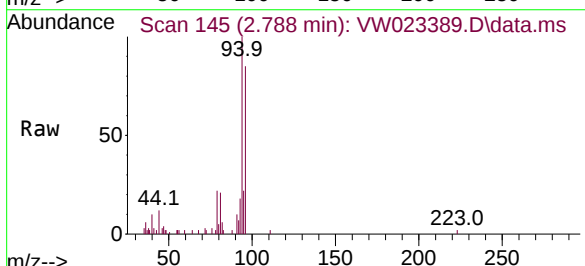
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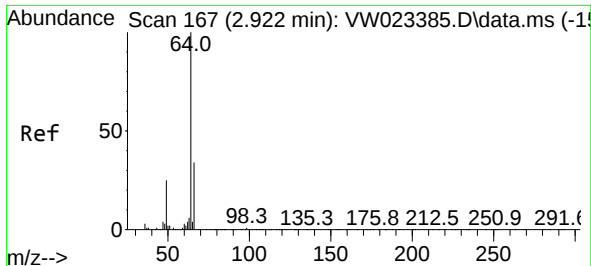
Tgt Ion: 62 Resp: 14554
 Ion Ratio Lower Upper
 62 100
 64 28.5 24.9 46.3



#6
 Bromomethane
 Concen: 23.218 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

Tgt Ion: 94 Resp: 6545
 Ion Ratio Lower Upper
 94 100
 96 84.6 61.7 114.5

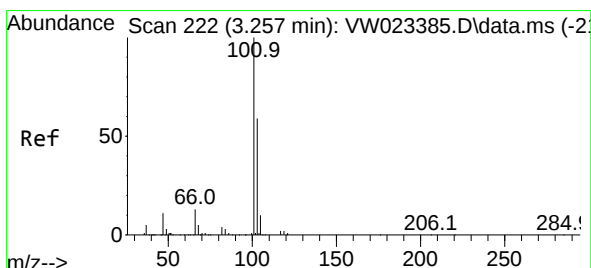
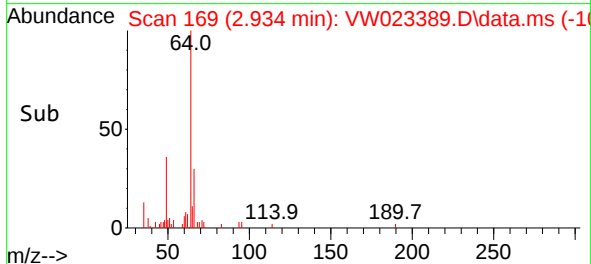
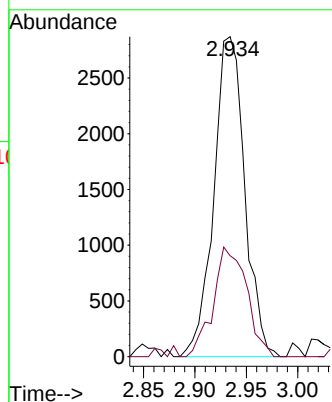
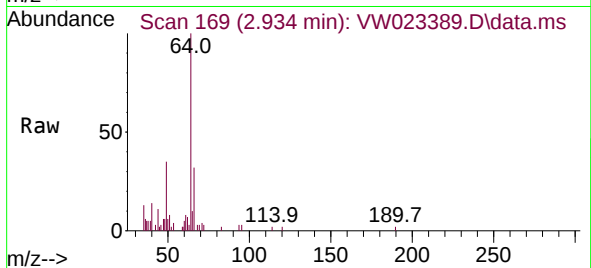




#8
Chloroethane
Concen: 22.769 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.013 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

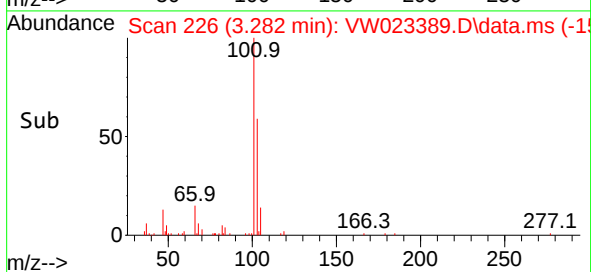
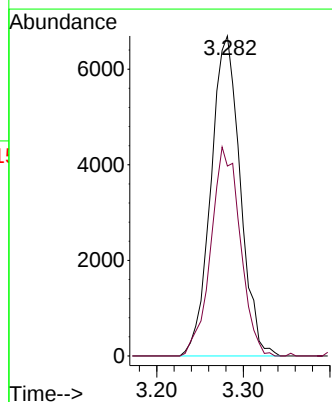
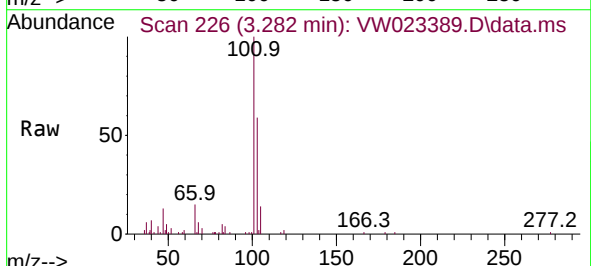
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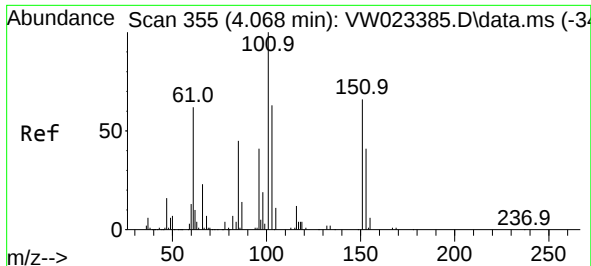
Tgt Ion: 64 Resp: 6011
Ion Ratio Lower Upper
64 100
66 31.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 57.685 ug/L
RT: 3.282 min Scan# 226
Delta R.T. 0.025 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 101 Resp: 15735
Ion Ratio Lower Upper
101 100
103 65.3 53.9 80.9

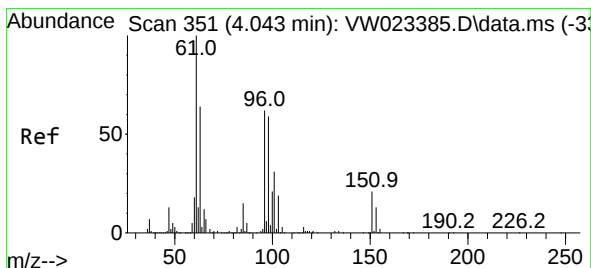
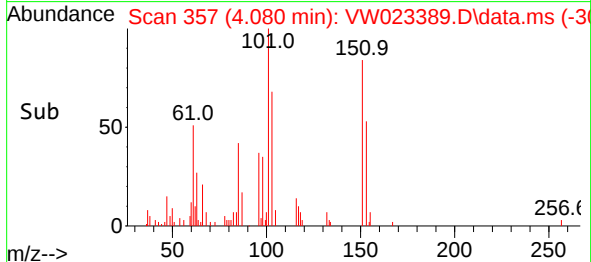
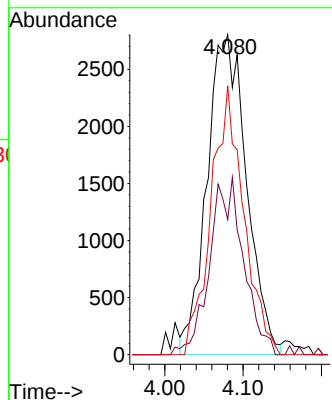
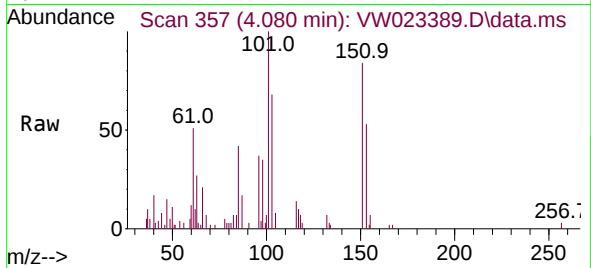




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.850 ug/L
 RT: 4.080 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

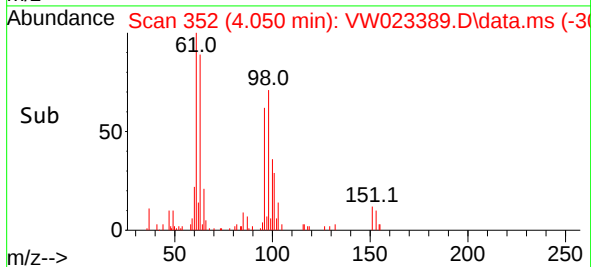
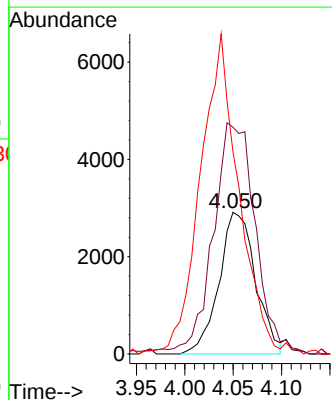
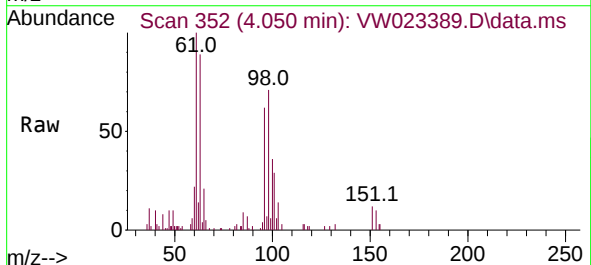
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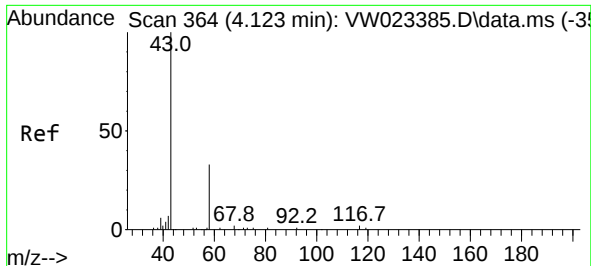
Tgt Ion:101 Resp: 9822
 Ion Ratio Lower Upper
 101 100
 85 20.1 34.3 51.5#
 151 46.1 54.2 81.2#



#12
 1,1-Dichloroethene
 Concen: 22.220 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

Tgt Ion: 96 Resp: 7650
 Ion Ratio Lower Upper
 96 100
 61 160.2 125.7 233.5
 63 142.6 83.4 155.0

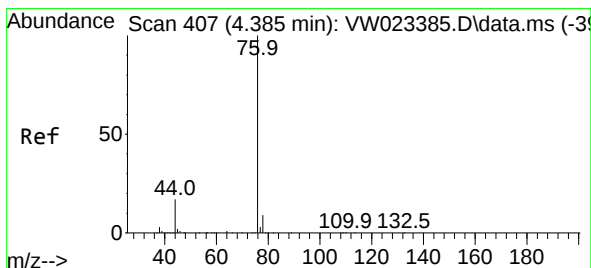
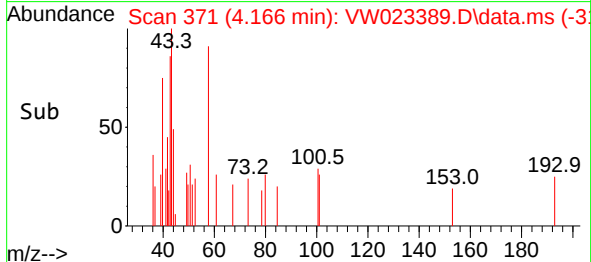
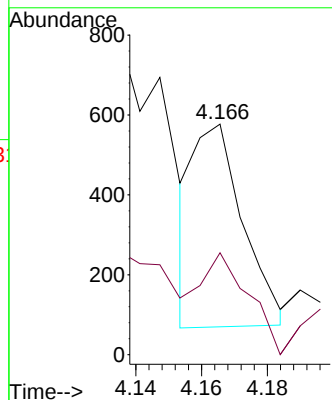
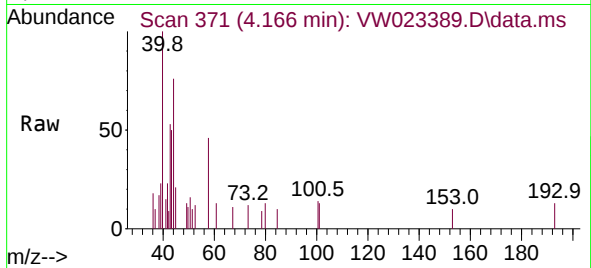




#13
Acetone
Concen: 7.868 ug/L
RT: 4.166 min Scan# 31
Delta R.T. 0.043 min
Lab File: VW023389.D
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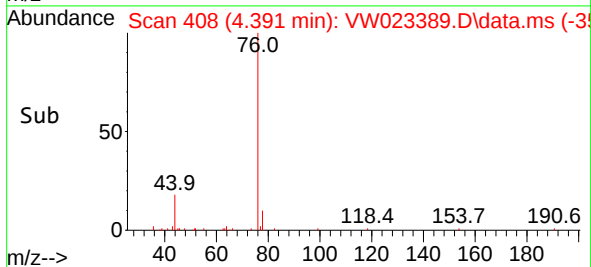
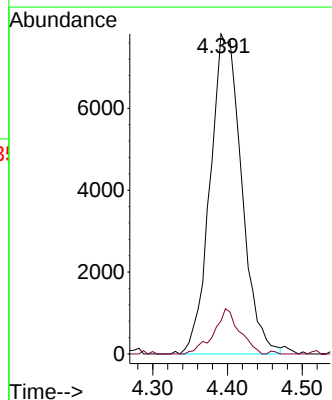
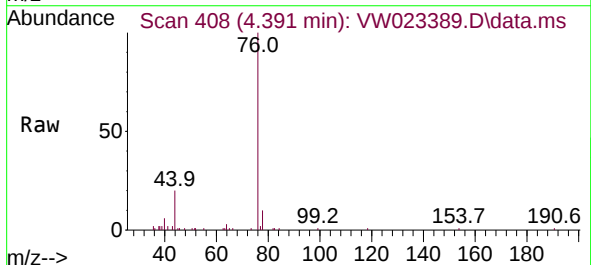
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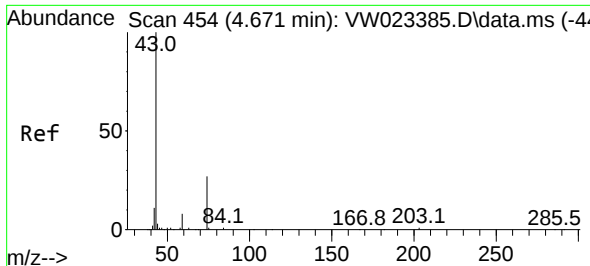
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 50.3 0.0 64.0



#14
Carbon disulfide
Concen: 19.862 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 22841
Ion Ratio Lower Upper
76 100
78 10.3 7.7 11.5

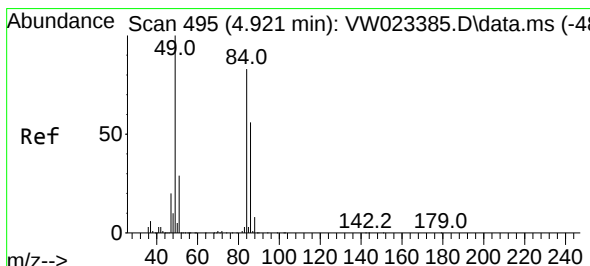
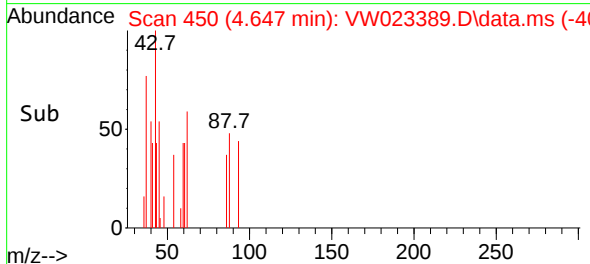
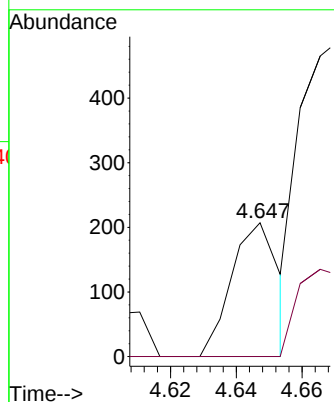
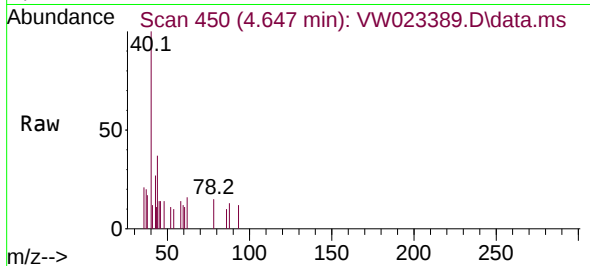




#15
Methyl Acetate
Concen: 1.407 ug/L
RT: 4.647 min Scan# 41
Delta R.T. -0.024 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

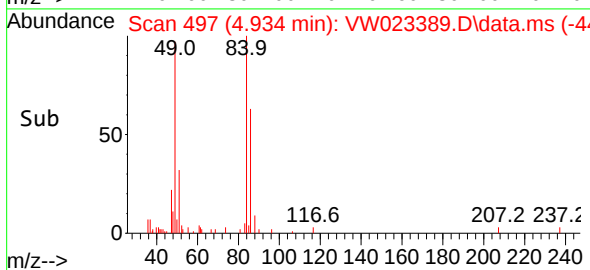
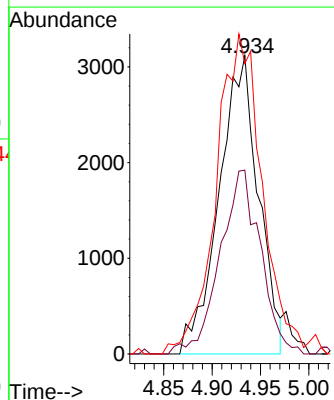
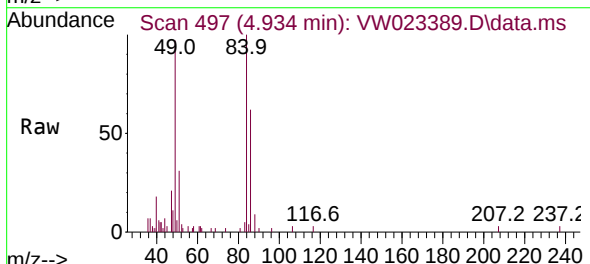
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

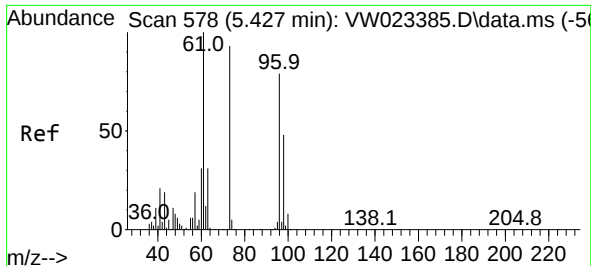
Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
74 67.1 21.9 32.9#



#16
Methylene chloride
Concen: 20.594 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.013 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 84 Resp: 8862
Ion Ratio Lower Upper
84 100
86 61.6 45.4 84.4
49 97.3 82.5 153.1

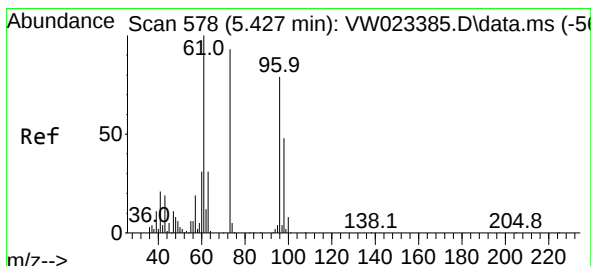
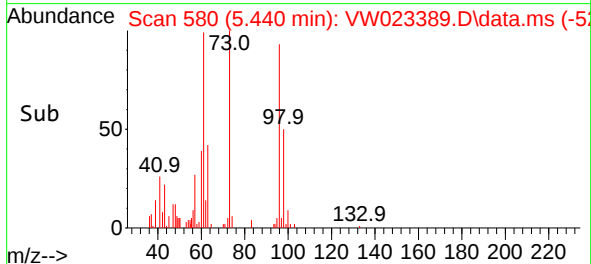
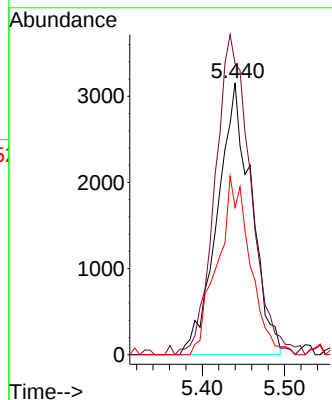
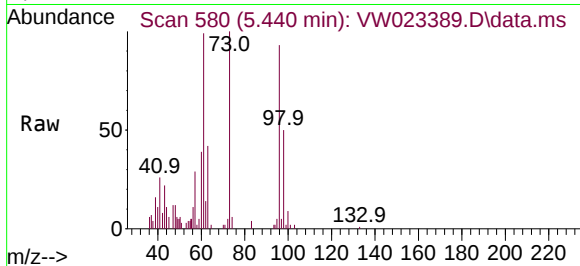




#17
trans-1,2-Dichloroethene
Concen: 22.612 ug/L
RT: 5.440 min Scan# 51
Delta R.T. 0.013 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

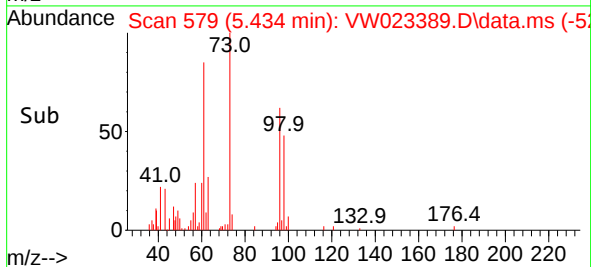
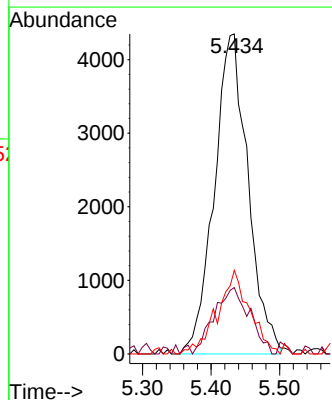
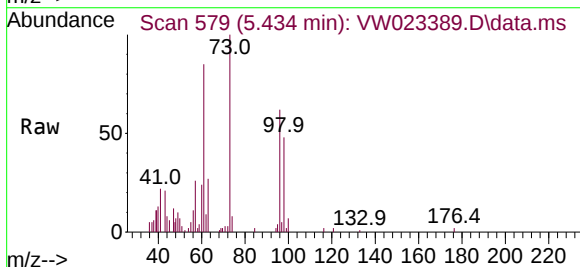
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

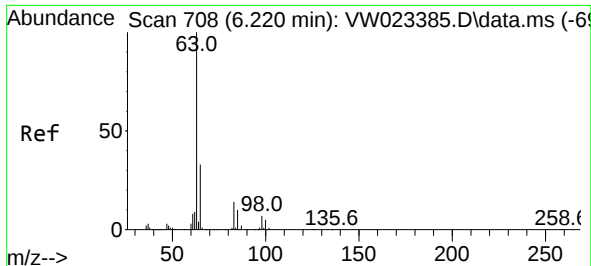
Tgt Ion: 96 Resp: 9082
Ion Ratio Lower Upper
96 100
61 107.0 92.2 171.2
98 54.2 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.116 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 73 Resp: 14851
Ion Ratio Lower Upper
73 100
43 17.9 15.9 23.9
57 19.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 13.634 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

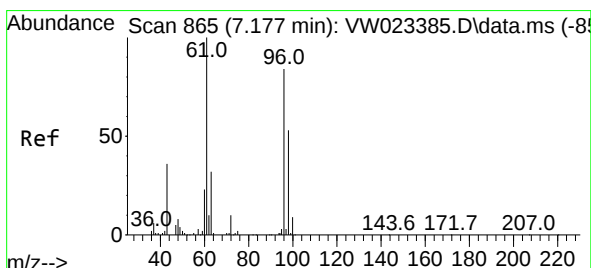
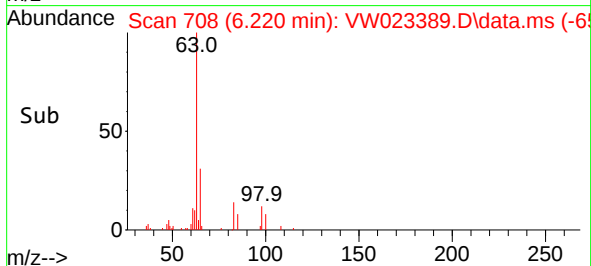
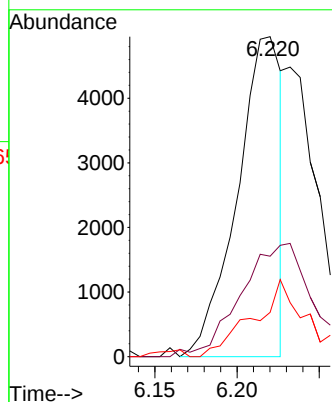
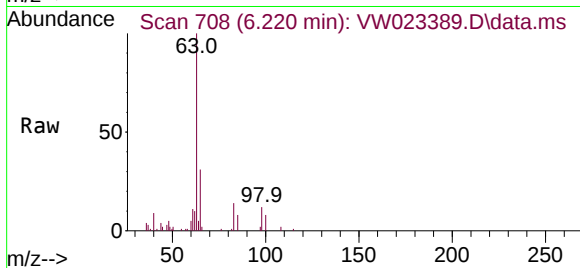
Tgt Ion: 63 Resp: 9276

Ion Ratio Lower Upper

63 100

65 31.4 23.3 43.3

83 13.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 20.392 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

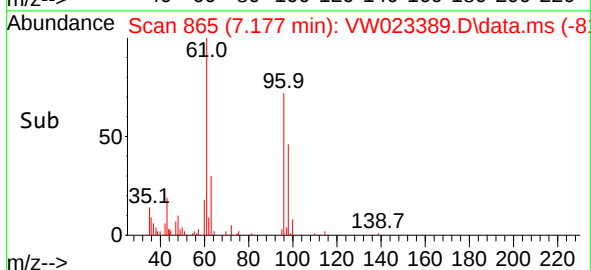
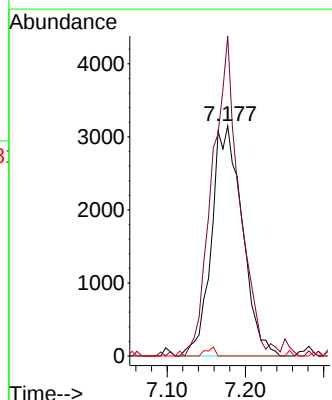
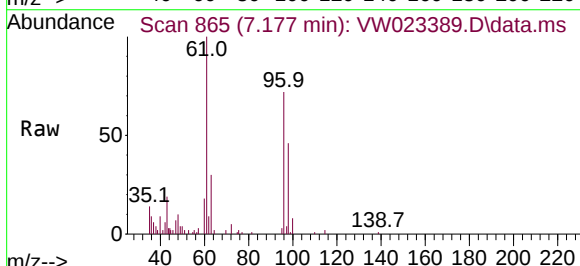
Tgt Ion: 96 Resp: 8601

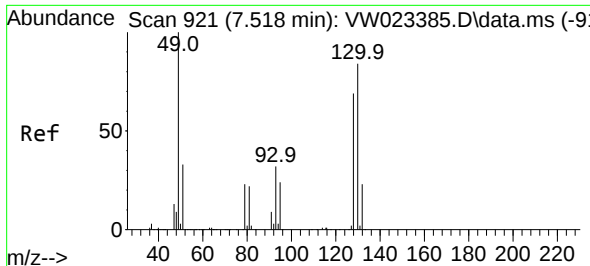
Ion Ratio Lower Upper

96 100

61 139.1 84.2 156.4

68 0.0 0.1 0.1#

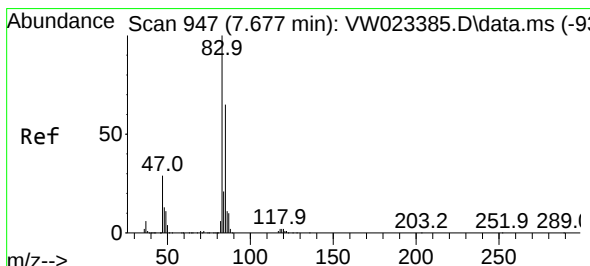
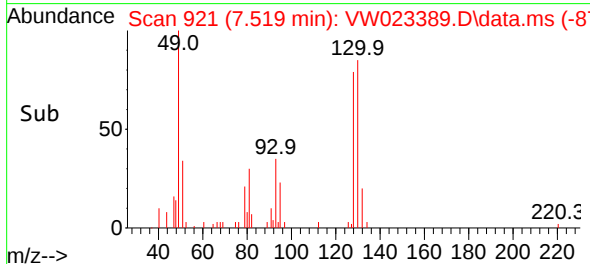
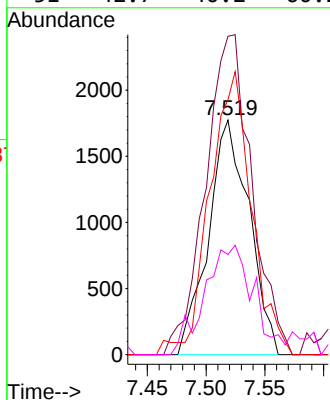
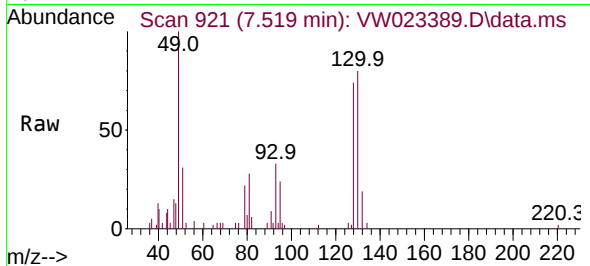




#23
Bromochloromethane
Concen: 21.446 ug/L
RT: 7.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

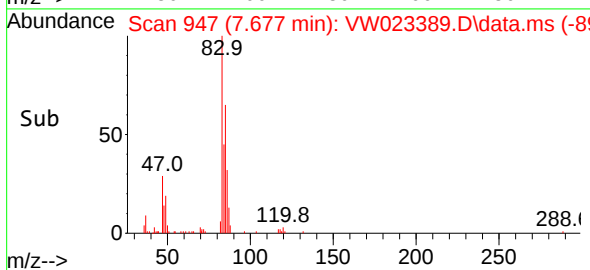
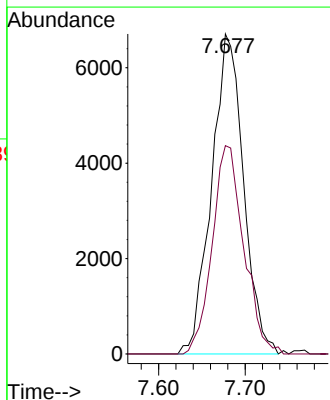
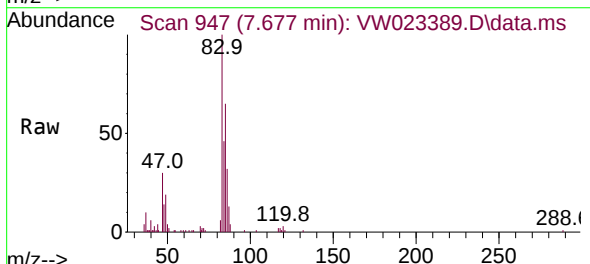
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

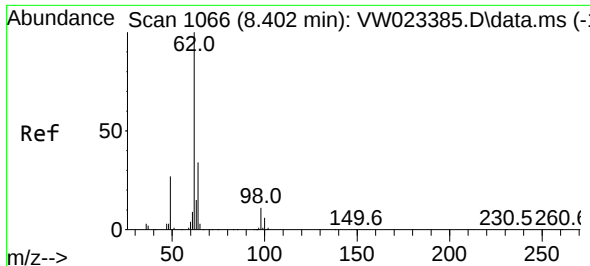
Tgt Ion:128 Resp: 4279
Ion Ratio Lower Upper
128 100
49 135.7 110.0 204.4
130 108.6 94.8 176.0
51 42.7 40.2 60.2



#25
Chloroform
Concen: 23.059 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 83 Resp: 17171
Ion Ratio Lower Upper
83 100
85 65.1 46.6 86.6





#27

1,2-Dichloroethane

Concen: 20.608 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

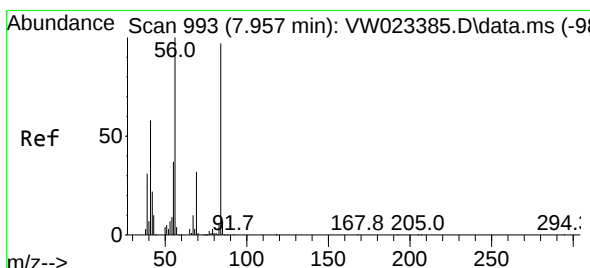
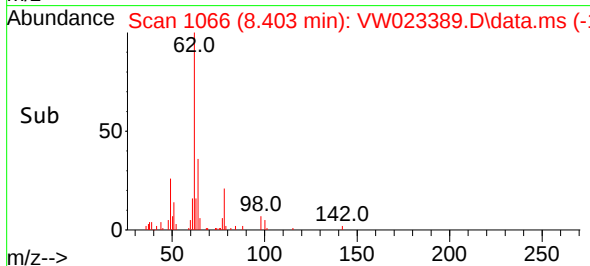
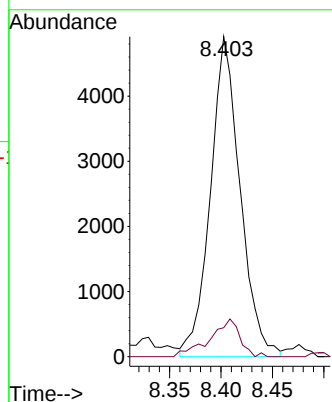
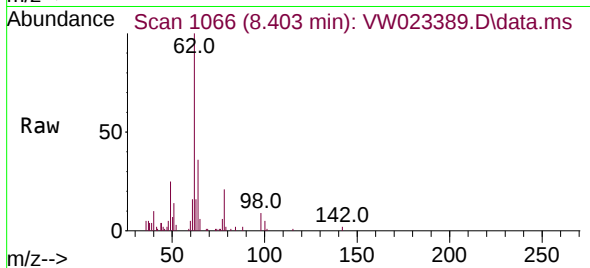
DBTY9REMSD

Tgt Ion: 62 Resp: 9880

Ion Ratio Lower Upper

62 100

98 9.1 7.2 10.8



#29

Cyclohexane

Concen: 22.672 ug/L

RT: 7.970 min Scan# 995

Delta R.T. 0.013 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

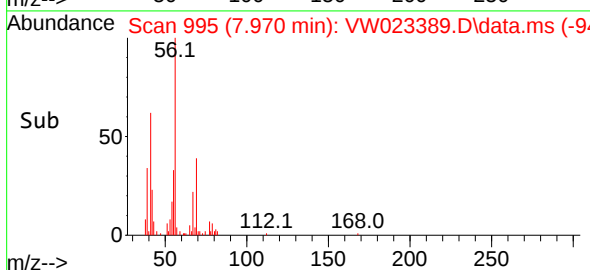
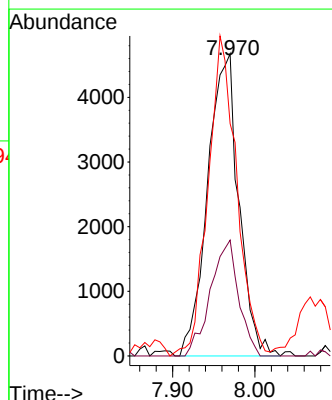
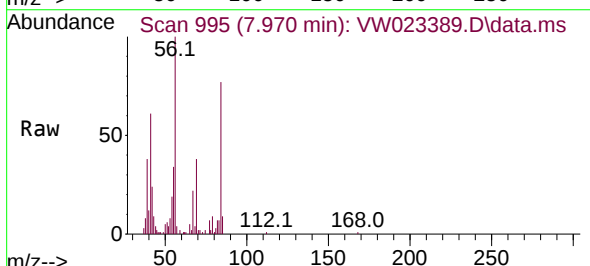
Tgt Ion: 56 Resp: 12291

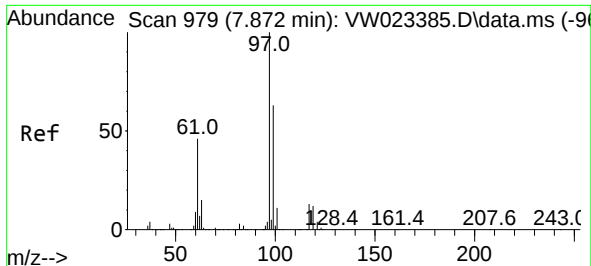
Ion Ratio Lower Upper

56 100

69 34.5 25.6 38.4

84 97.6 78.2 117.4





#30

1,1,1-Trichloroethane

Concen: 26.489 ug/L

RT: 7.878 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

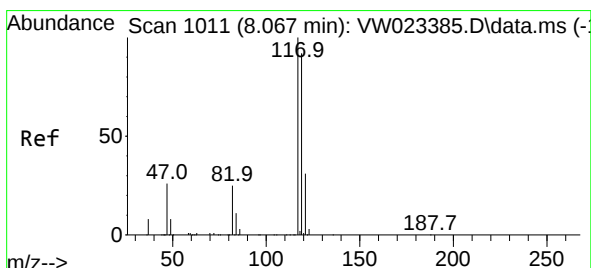
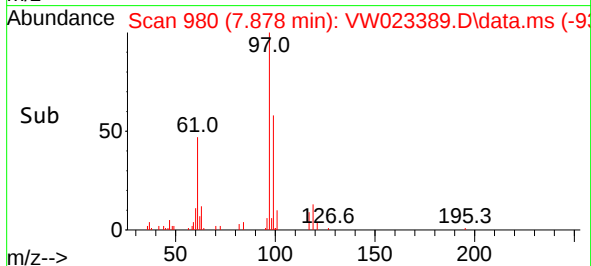
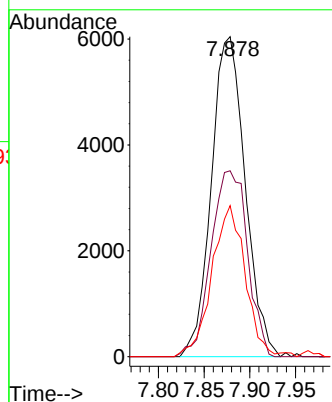
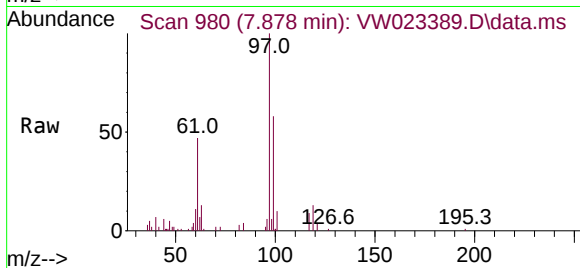
Tgt Ion: 97 Resp: 15560

Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.4

61 46.2 34.8 52.2



#31

Carbon tetrachloride

Concen: 24.478 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.006 min

Lab File: VW023389.D

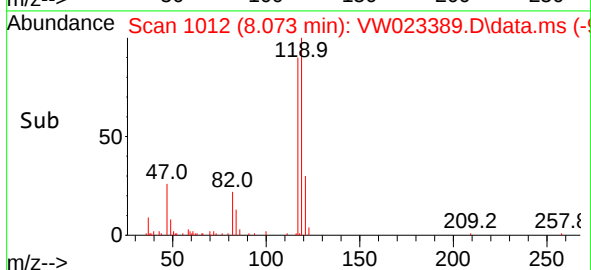
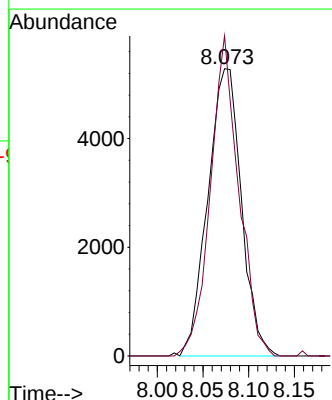
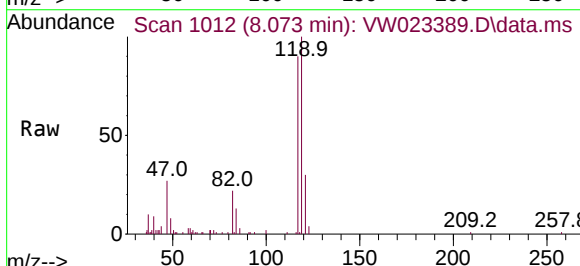
Acq: 03 Jun 2022 10:43

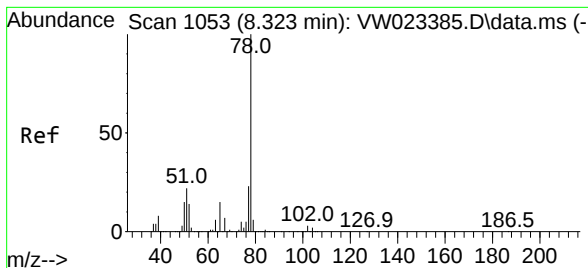
Tgt Ion: 117 Resp: 13523

Ion Ratio Lower Upper

117 100

119 94.1 76.6 115.0





#33

Benzene

Concen: 25.071 ug/L

RT: 8.329 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

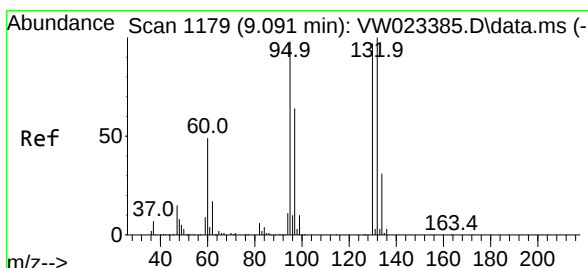
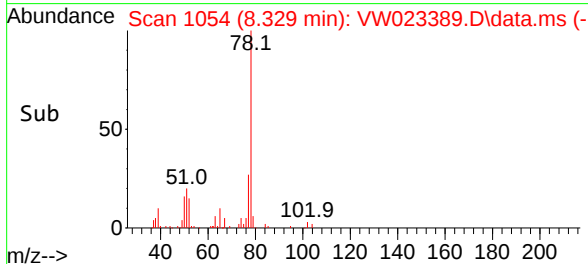
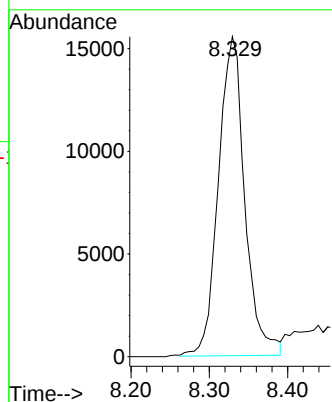
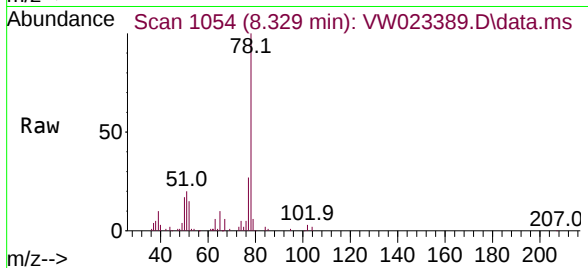
Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

Tgt Ion: 78 Resp: 36452



#34

Trichloroethene

Concen: 22.970 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Tgt Ion: 95 Resp: 9045

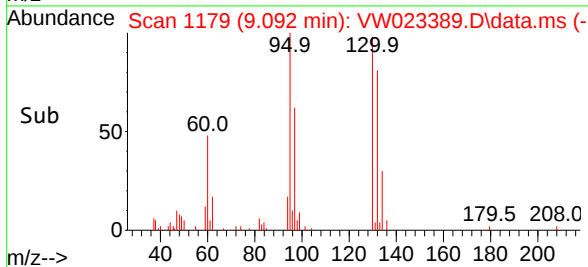
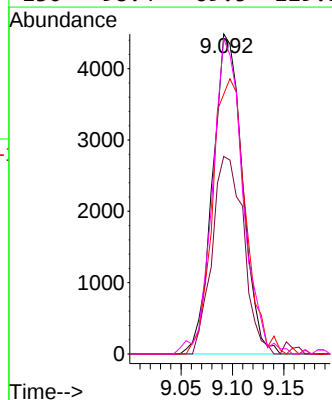
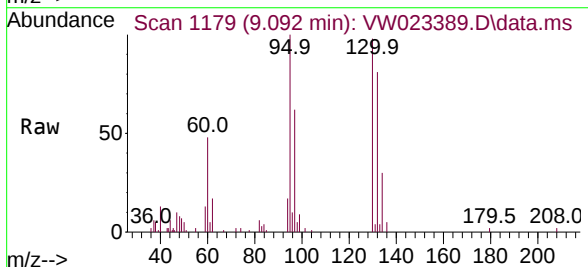
Ion Ratio Lower Upper

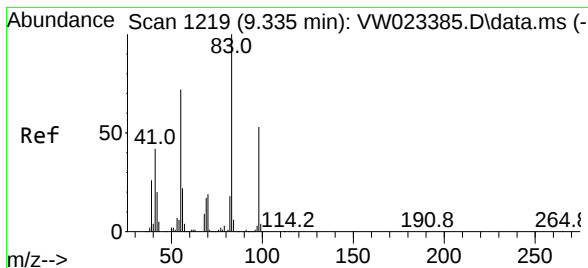
95 100

97 61.7 46.1 85.7

132 81.2 66.9 124.3

130 98.4 69.5 129.1

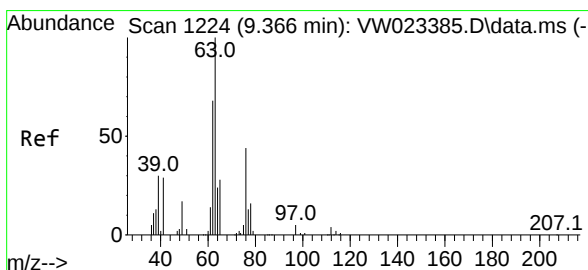
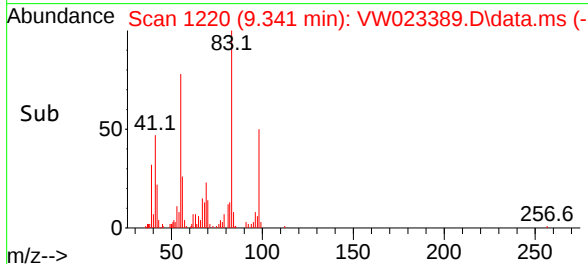
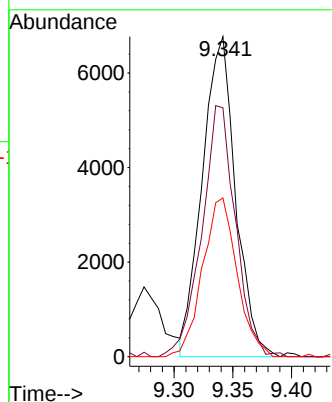
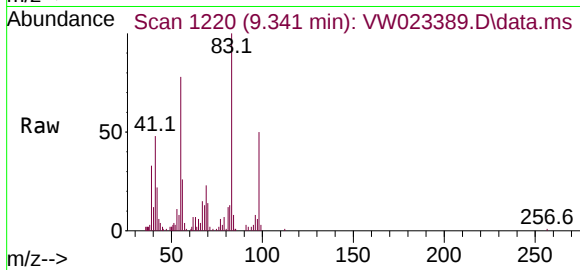




#35
Methylcyclohexane
Concen: 20.430 ug/L
RT: 9.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

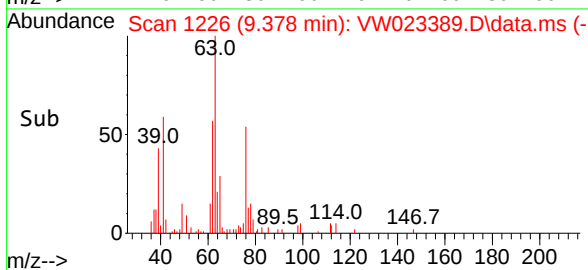
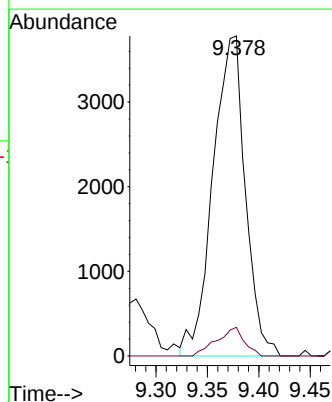
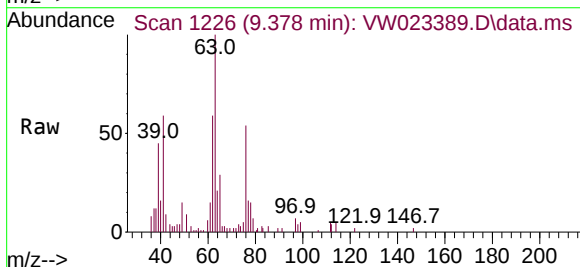
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

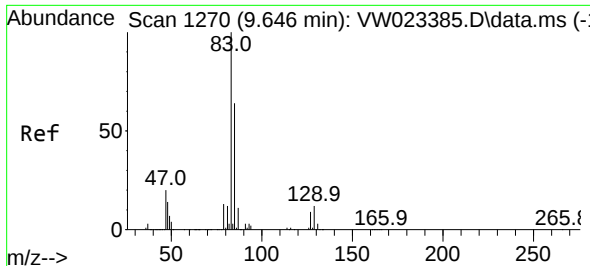
Tgt Ion: 83 Resp: 13328
Ion Ratio Lower Upper
83 100
55 78.8 55.1 82.7
98 51.4 40.4 60.6



#37
1,2-Dichloropropane
Concen: 24.193 ug/L
RT: 9.378 min Scan# 1226
Delta R.T. 0.013 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 63 Resp: 8287
Ion Ratio Lower Upper
63 100
112 7.6 3.8 5.8#

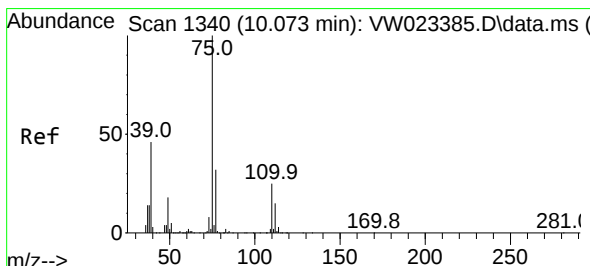
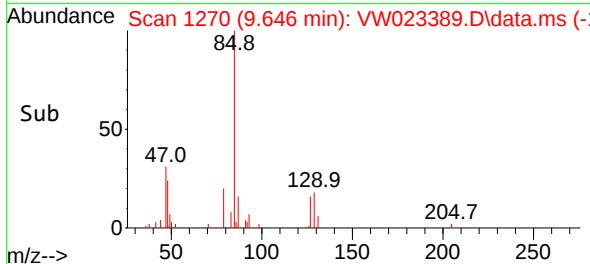
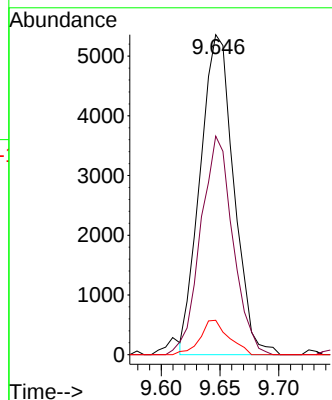
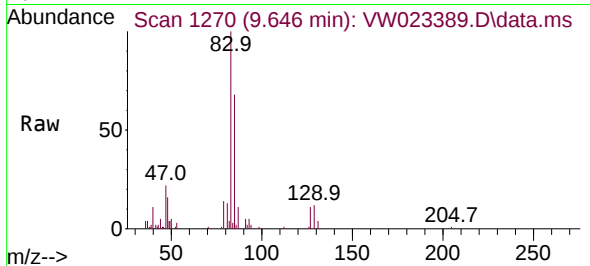




#38
Bromodichloromethane
Concen: 22.054 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

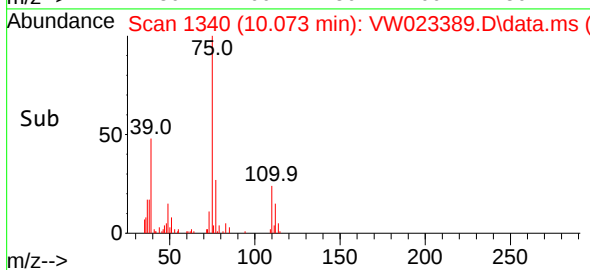
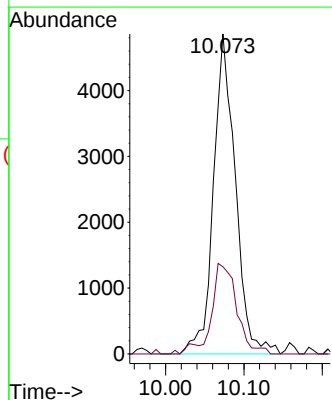
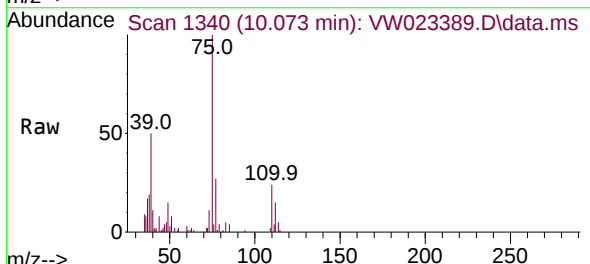
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

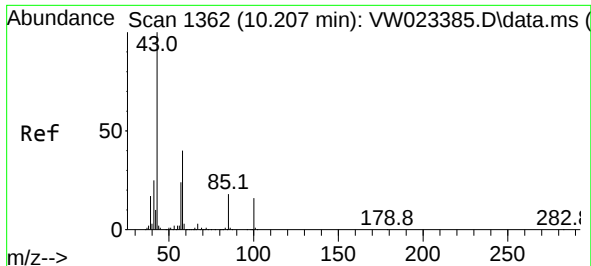
Tgt Ion: 83 Resp: 10693
Ion Ratio Lower Upper
83 100
85 68.3 43.5 80.7
127 10.7 7.1 10.7#



#39
cis-1,3-Dichloropropene
Concen: 17.575 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 75 Resp: 9456
Ion Ratio Lower Upper
75 100
77 27.3 22.1 41.1

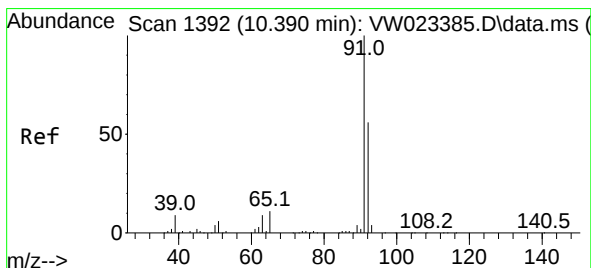
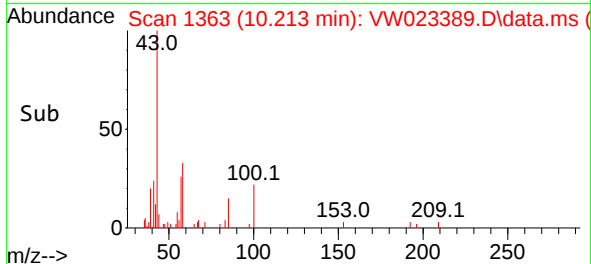
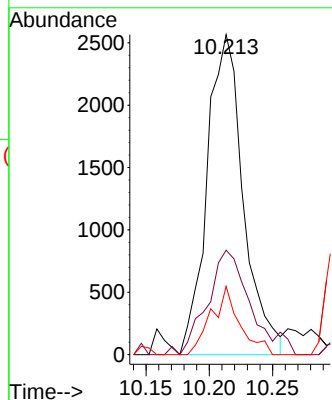
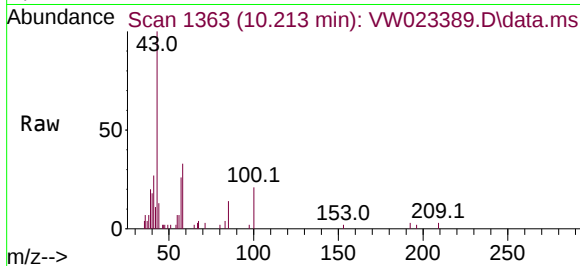




#40
4-Methyl-2-pentanone
Concen: 26.370 ug/L
RT: 10.213 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

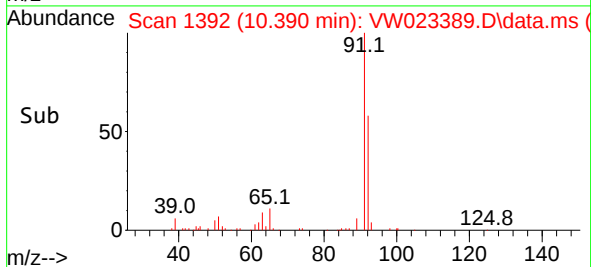
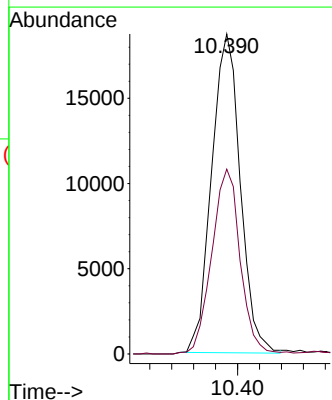
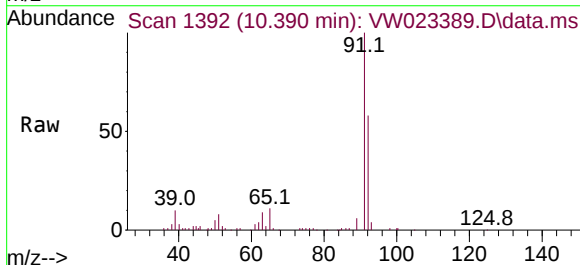
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

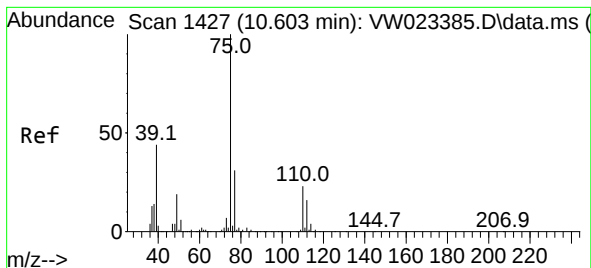
Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
58 36.2 31.4 47.2
100 16.0 14.2 21.4



#42
Toluene
Concen: 21.053 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 91 Resp: 34007
Ion Ratio Lower Upper
91 100
92 57.7 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 15.094 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

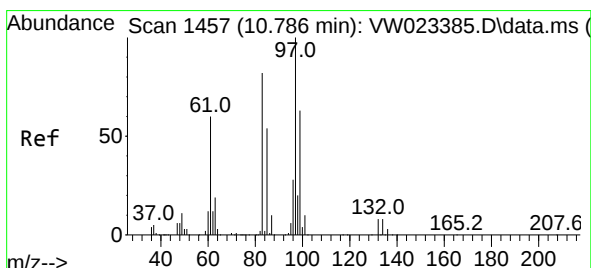
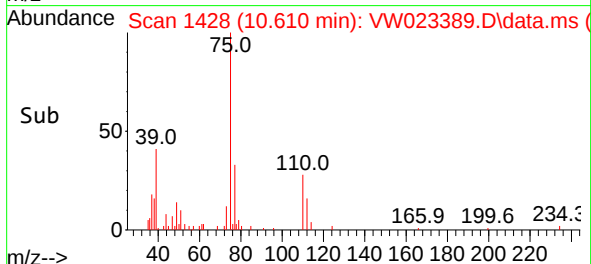
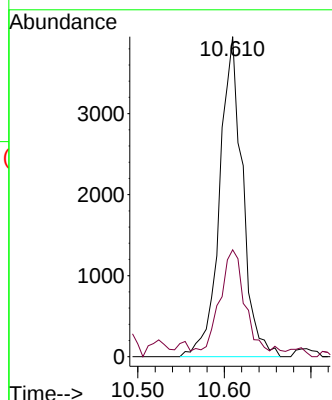
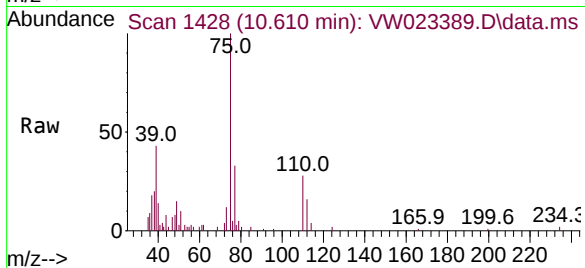
DBTY9REMSD

Tgt Ion: 75 Resp: 7267

Ion Ratio Lower Upper

75 100

77 33.4 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 20.289 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Tgt Ion: 97 Resp: 5690

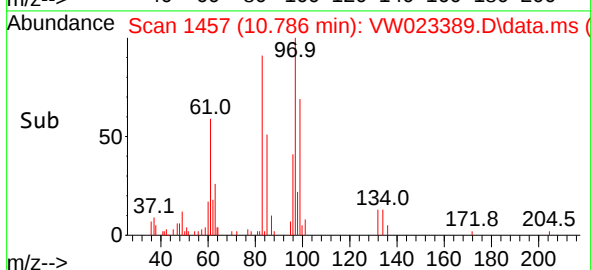
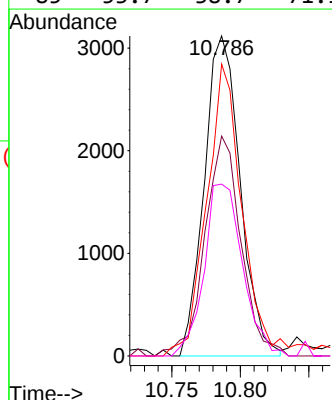
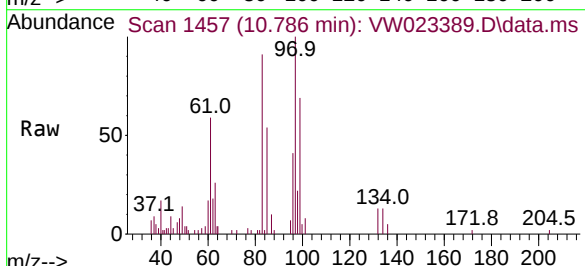
Ion Ratio Lower Upper

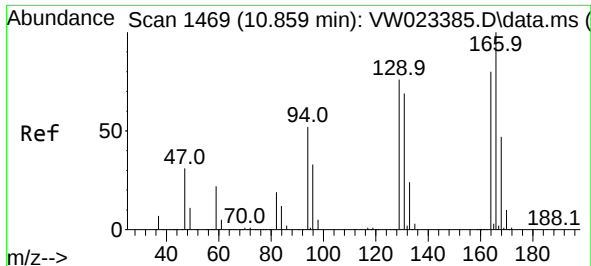
97 100

99 68.7 44.7 82.9

83 91.2 58.4 108.4

85 53.7 38.7 71.9

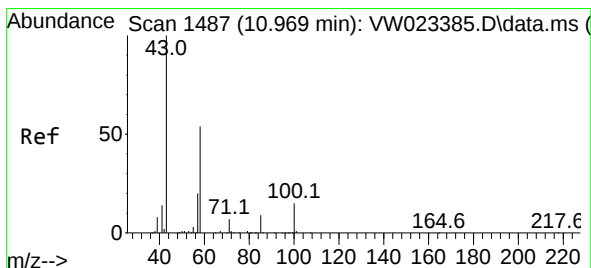
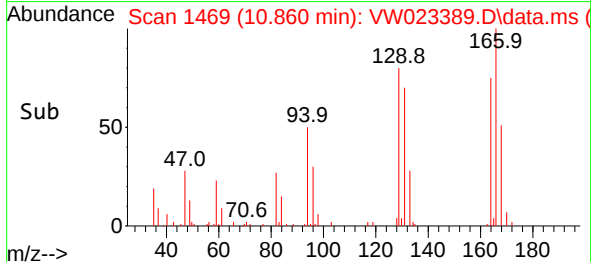
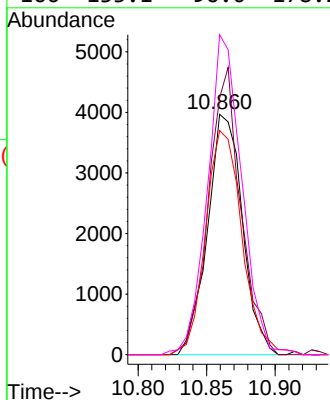
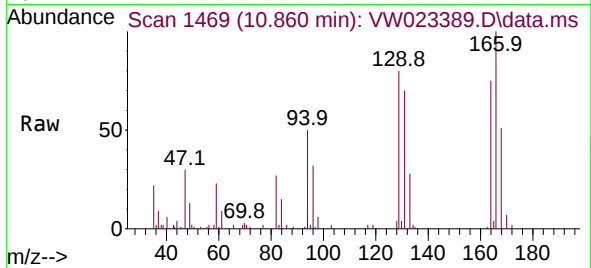




#46
Tetrachloroethene
Concen: 22.308 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

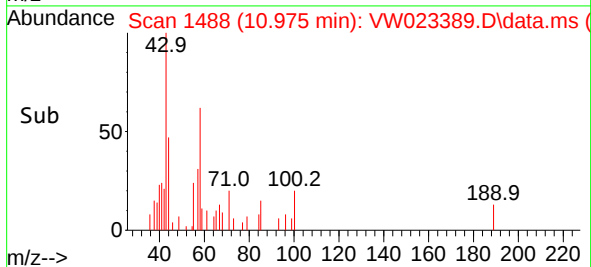
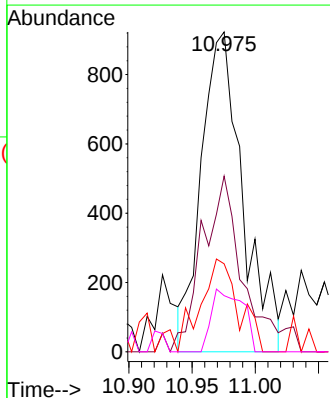
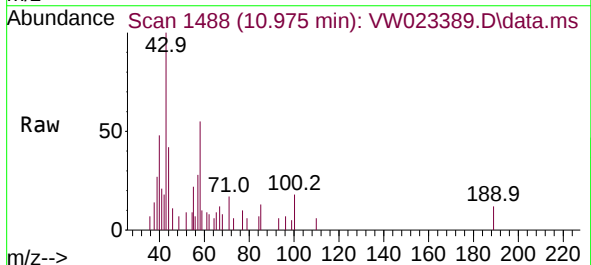
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

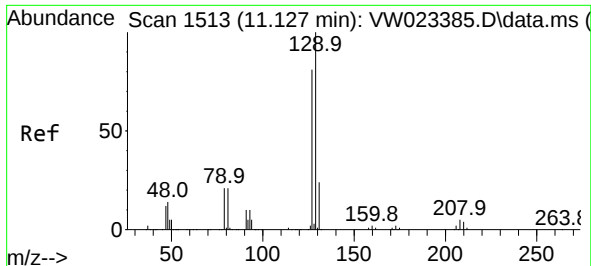
Tgt Ion:164	Resp:	7034
Ion	Ratio	Lower Upper
164	100	
129	106.8	76.9 142.7
131	93.3	75.1 139.5
166	133.1	96.0 178.2



#48
2-Hexanone
Concen: 16.193 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 43	Resp:	2101
Ion	Ratio	Lower Upper
43	100	
58	31.1	45.9 68.9#
57	19.1	16.2 24.2
100	14.8	10.7 16.1





#49

Dibromochloromethane

Concen: 18.210 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

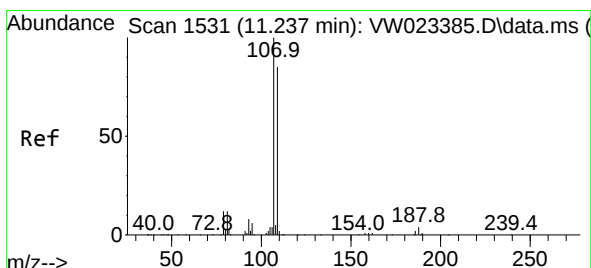
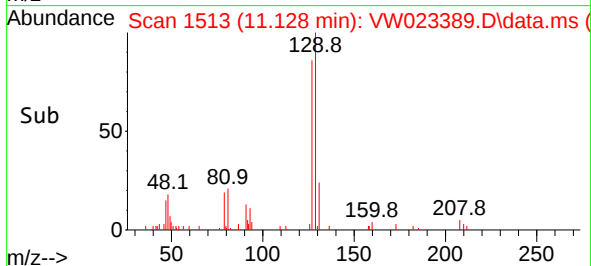
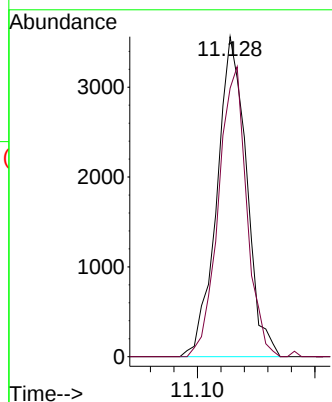
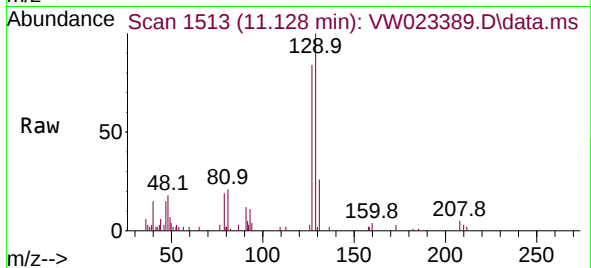
DBTY9REMSD

Tgt Ion:129 Resp: 6267

Ion Ratio Lower Upper

129 100

127 83.9 53.8 100.0



#50

1,2-Dibromoethane

Concen: 17.725 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

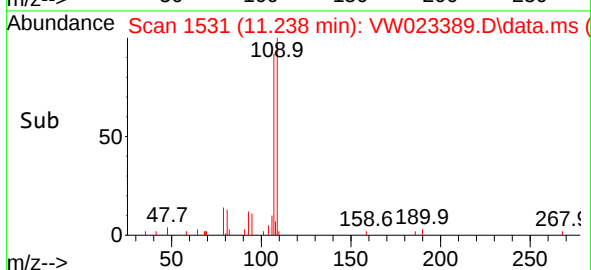
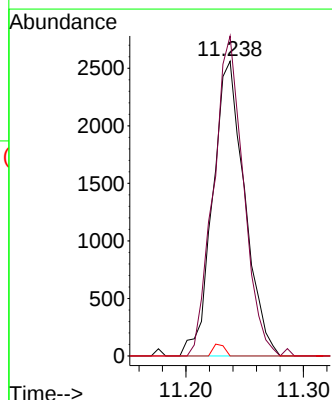
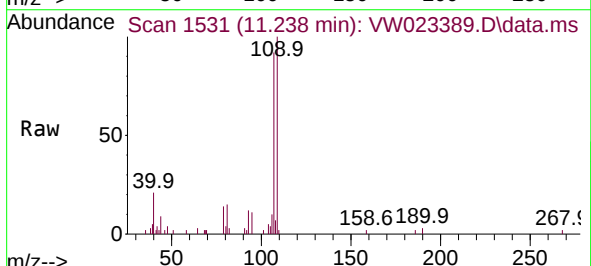
Tgt Ion:107 Resp: 4846

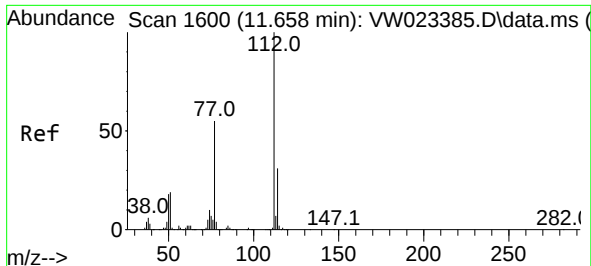
Ion Ratio Lower Upper

107 100

109 108.5 67.5 125.4

188 0.0 2.9 4.3#

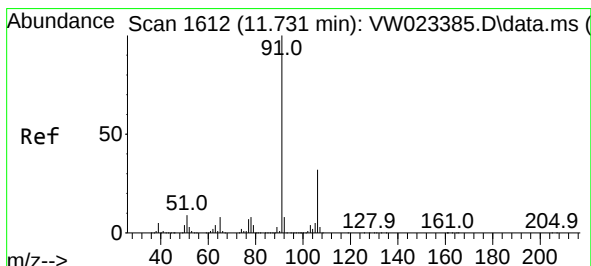
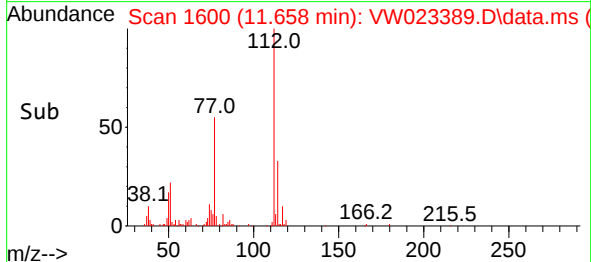
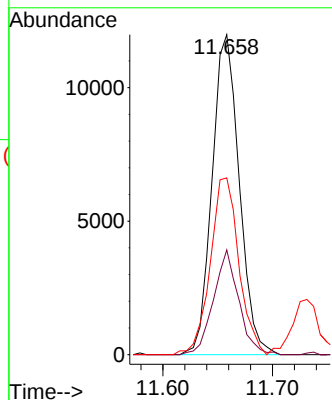
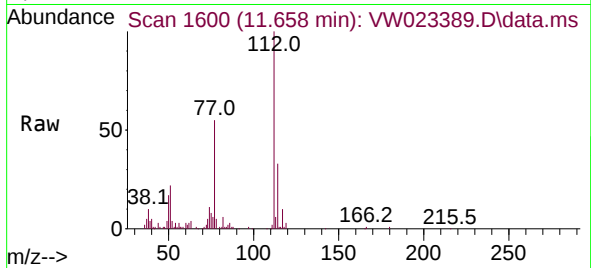




#51
Chlorobenzene
Concen: 19.360 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

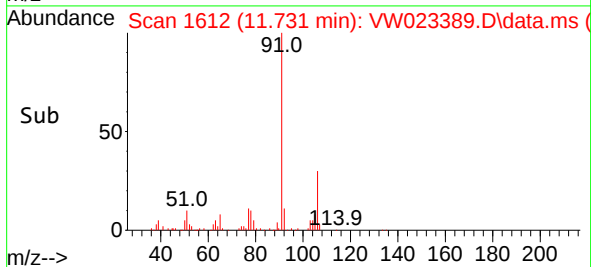
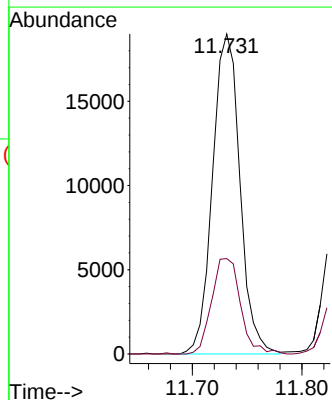
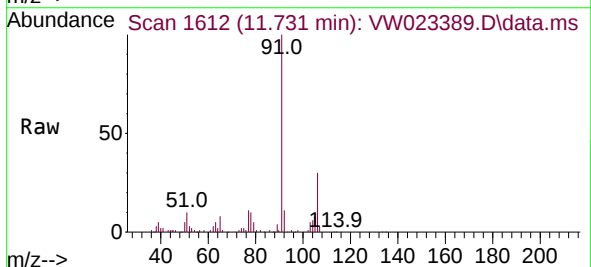
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

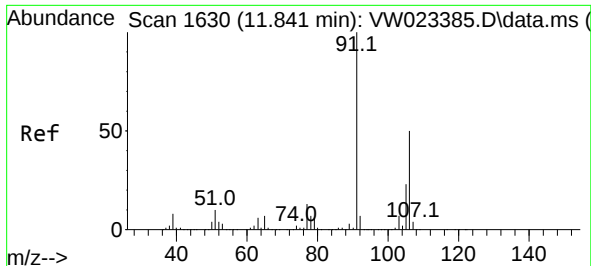
Tgt Ion:112 Resp: 20648
Ion Ratio Lower Upper
112 100
114 32.7 22.0 41.0
77 55.3 42.6 63.8



#52
Ethylbenzene
Concen: 18.589 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 91 Resp: 32973
Ion Ratio Lower Upper
91 100
106 29.8 22.3 41.3

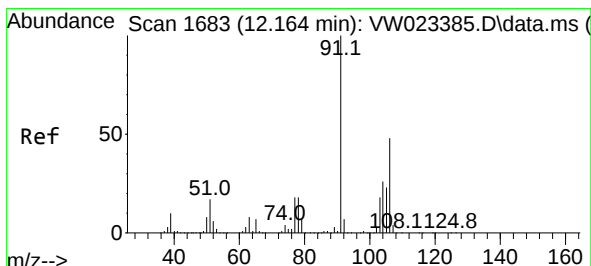
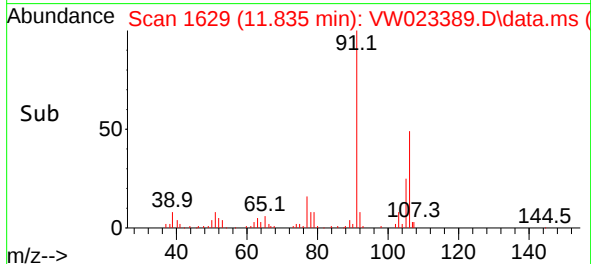
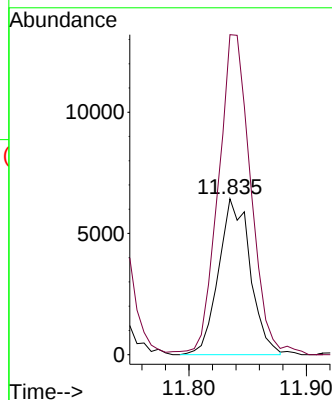
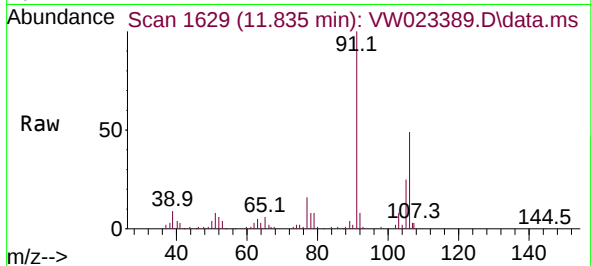




#53
m,p-Xylene
Concen: 17.161 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

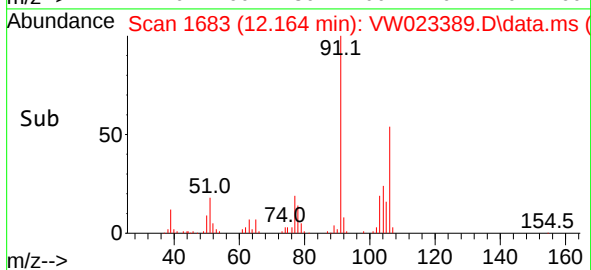
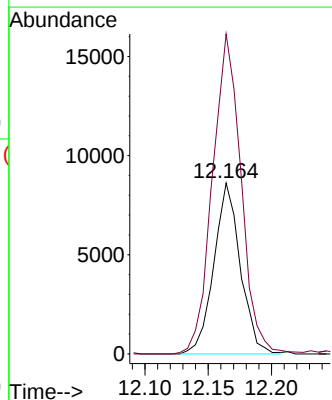
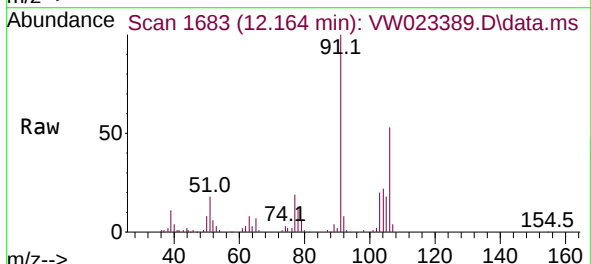
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

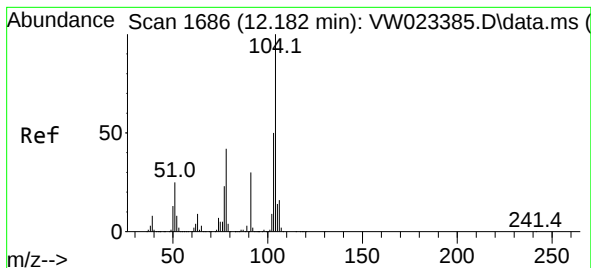
Tgt Ion:106 Resp: 12054
Ion Ratio Lower Upper
106 100
91 205.4 136.8 254.0



#54
o-Xylene
Concen: 18.696 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion:106 Resp: 12564
Ion Ratio Lower Upper
106 100
91 187.2 147.2 273.4





#55

Styrene

Concen: 15.166 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

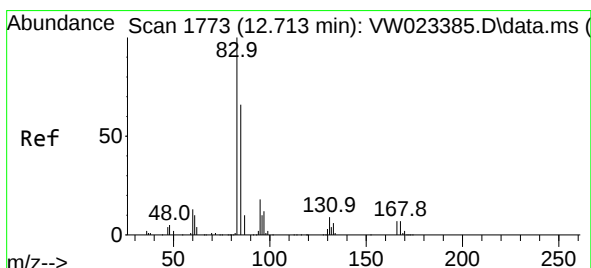
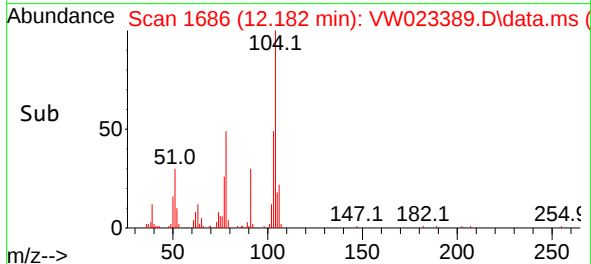
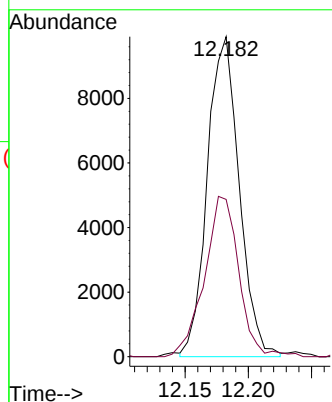
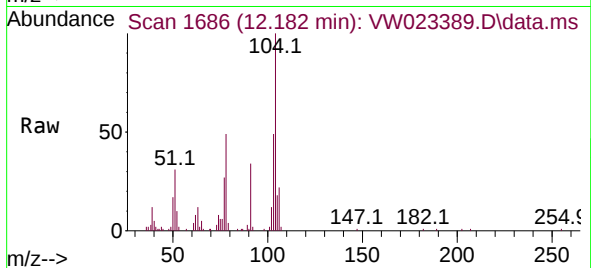
DBTY9REMSD

Tgt Ion:104 Resp: 17370

Ion Ratio Lower Upper

104 100

78 49.2 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 16.354 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

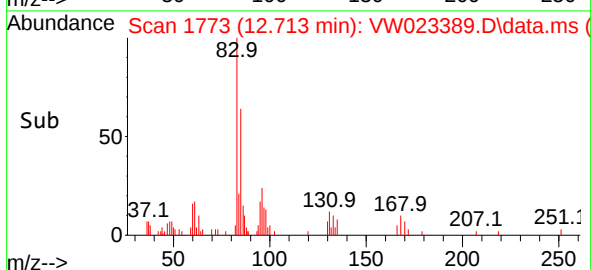
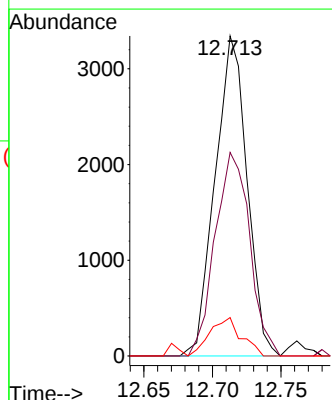
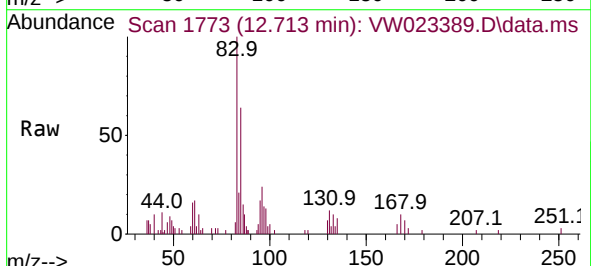
Tgt Ion: 83 Resp: 5417

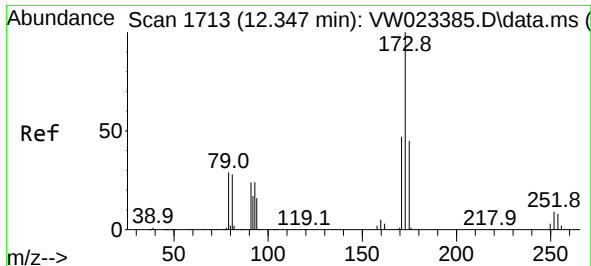
Ion Ratio Lower Upper

83 100

85 63.6 47.5 88.1

131 12.0 8.7 13.1

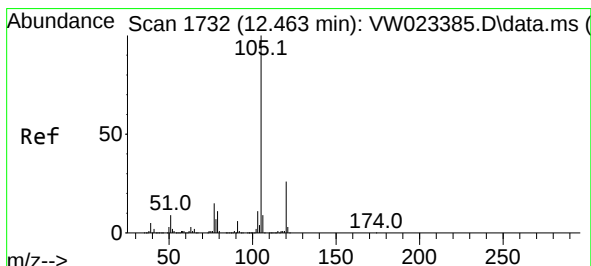
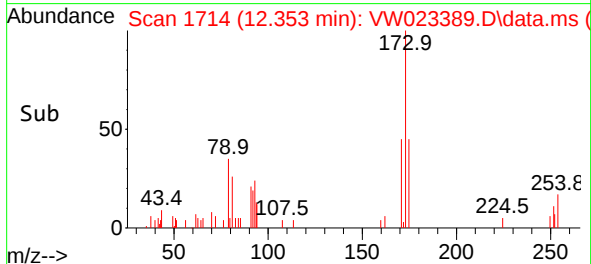
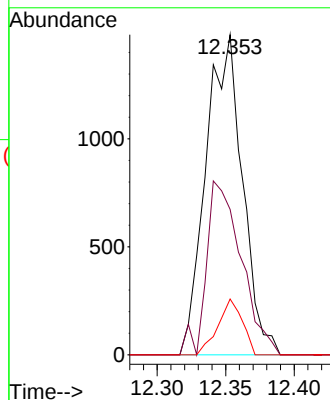
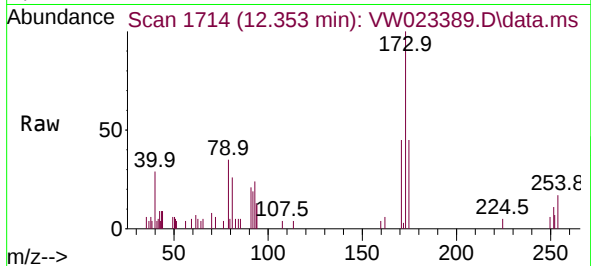




#59
Bromoform
Concen: 19.302 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

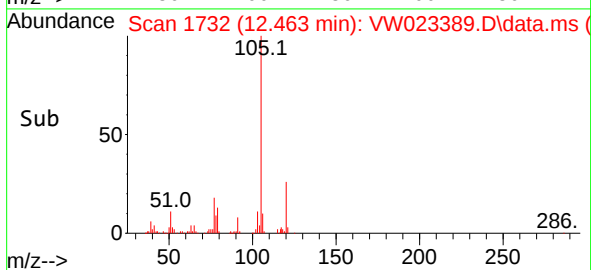
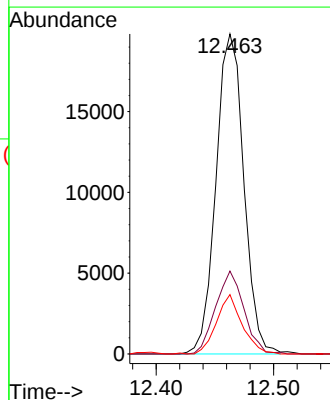
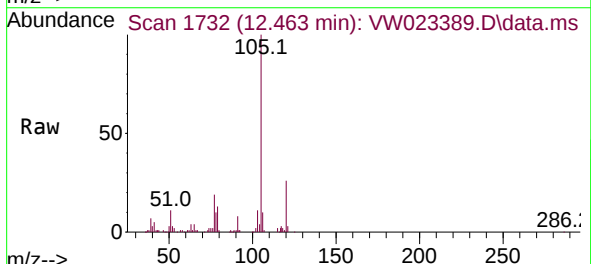
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

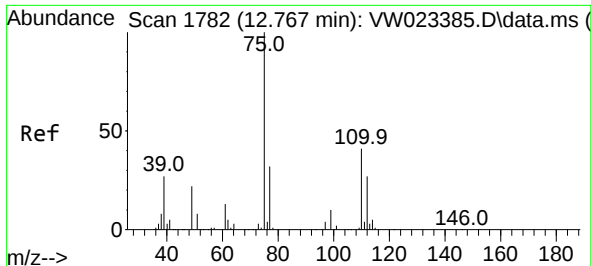
Tgt Ion:173 Resp: 2750
Ion Ratio Lower Upper
173 100
175 49.9 38.1 57.1
254 11.6 6.5 9.7#



#60
Isopropylbenzene
Concen: 24.489 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion:105 Resp: 32596
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 17.0 12.6 19.0

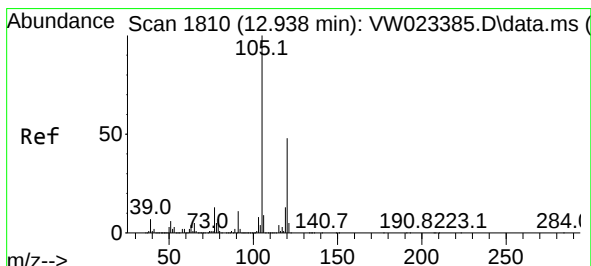
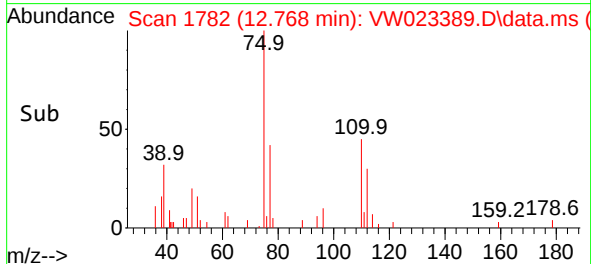
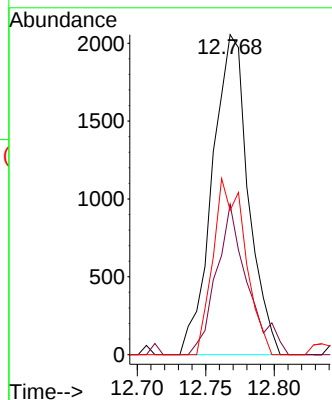
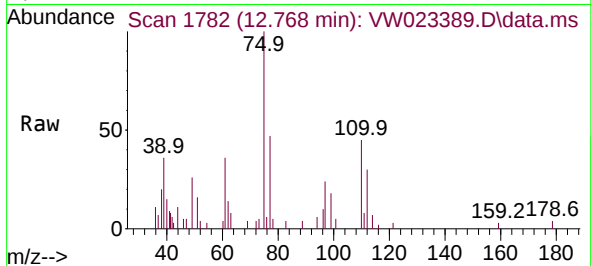




#61
1,2,3-Trichloropropane
Concen: 21.536 ug/L
RT: 12.768 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

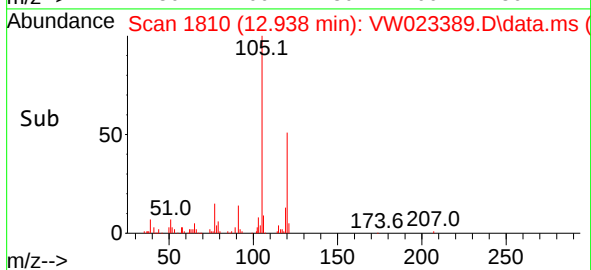
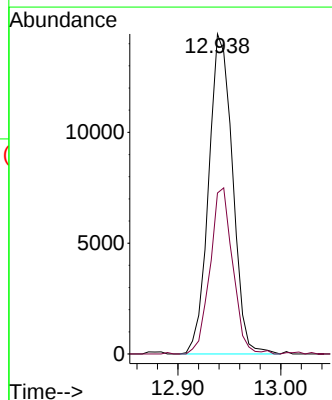
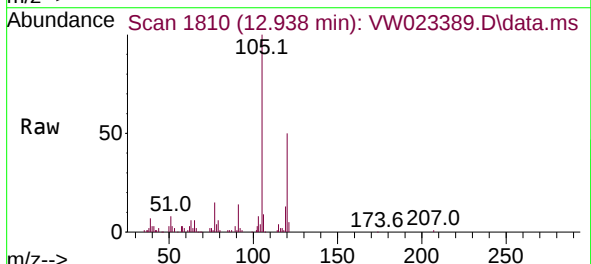
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

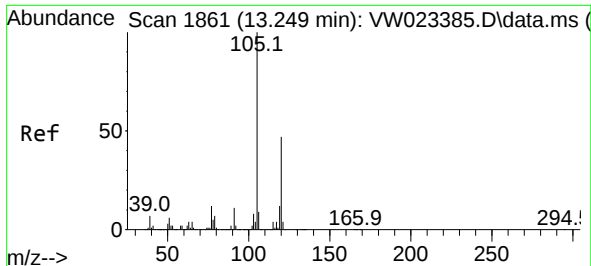
Tgt Ion: 75 Resp: 3757
Ion Ratio Lower Upper
75 100
77 40.8 26.2 39.2#
110 49.1 34.1 51.1



#62
1,3,5-Trimethylbenzene
Concen: 21.425 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 105 Resp: 23365
Ion Ratio Lower Upper
105 100
120 49.0 38.9 58.3





#63

1,2,4-Trimethylbenzene

Concen: 19.716 ug/L

RT: 13.249 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

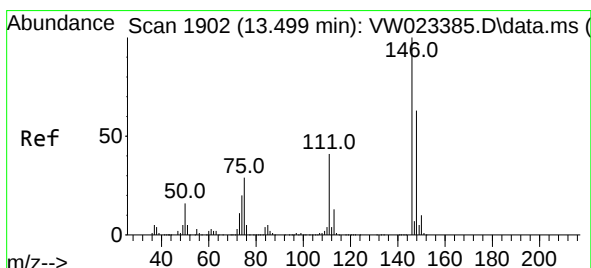
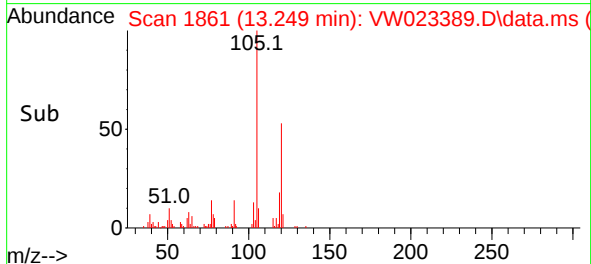
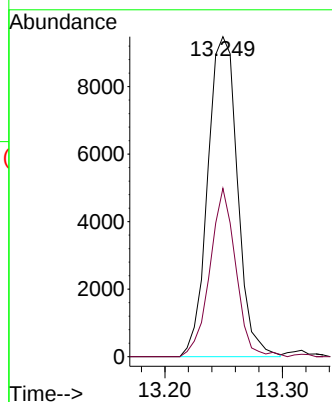
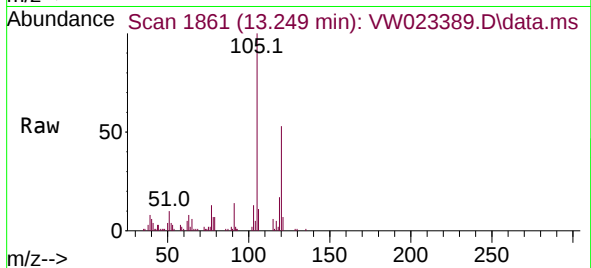
DBTY9REMSD

Tgt Ion:105 Resp: 16693

Ion Ratio Lower Upper

105 100

120 45.2 37.4 56.2



#64

1,3-Dichlorobenzene

Concen: 19.928 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

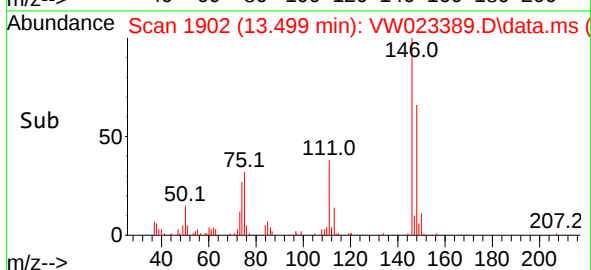
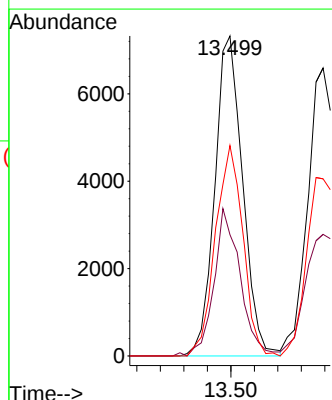
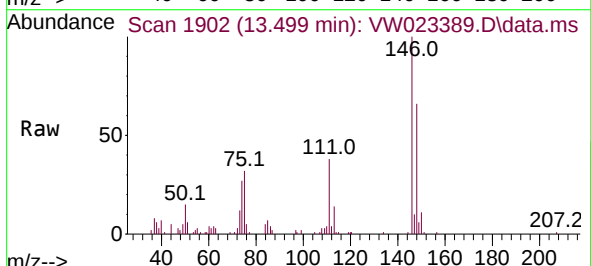
Tgt Ion:146 Resp: 12059

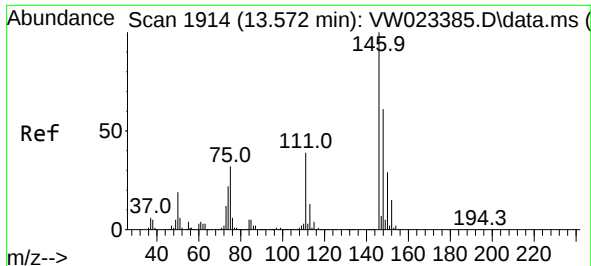
Ion Ratio Lower Upper

146 100

111 37.9 29.5 54.9

148 65.8 48.6 90.2

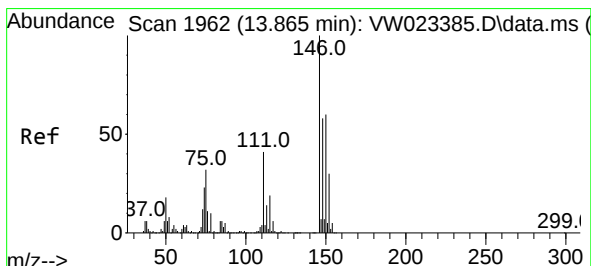
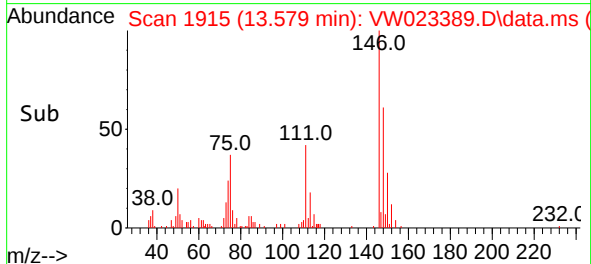
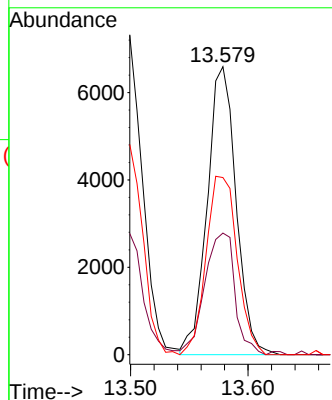
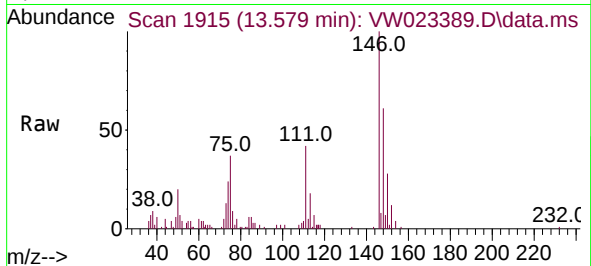




#65
1,4-Dichlorobenzene
Concen: 18.218 ug/L
RT: 13.579 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

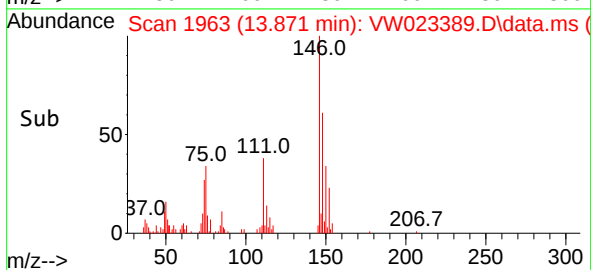
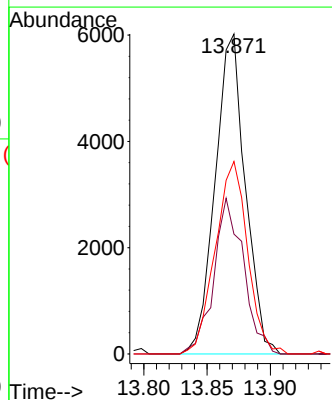
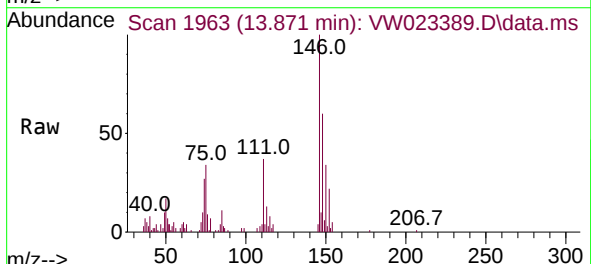
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

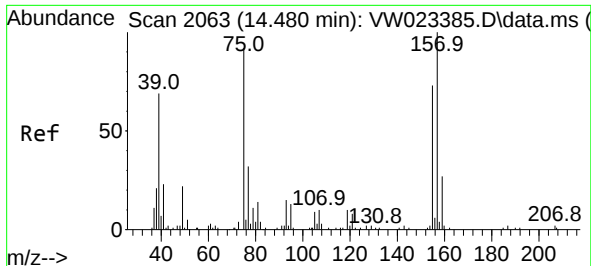
Tgt Ion:146 Resp: 11269
Ion Ratio Lower Upper
146 100
111 42.2 27.2 50.4
148 61.5 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 18.265 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion:146 Resp: 9990
Ion Ratio Lower Upper
146 100
111 37.4 35.7 53.5
148 60.1 52.6 79.0





#68

1,2-Dibromo-3-chloropropane

Concen: 30.111 ug/L

RT: 14.627 min Scan# 2063

Delta R.T. 0.147 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

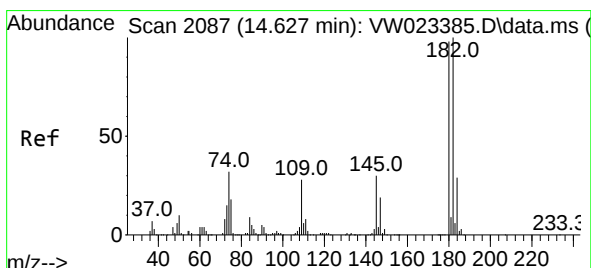
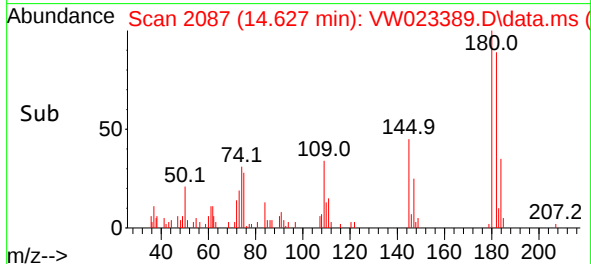
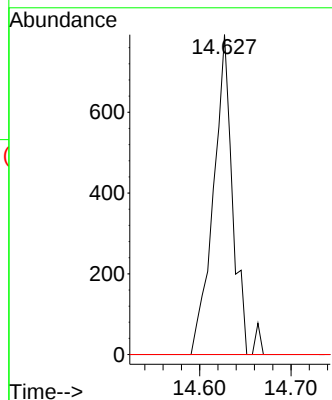
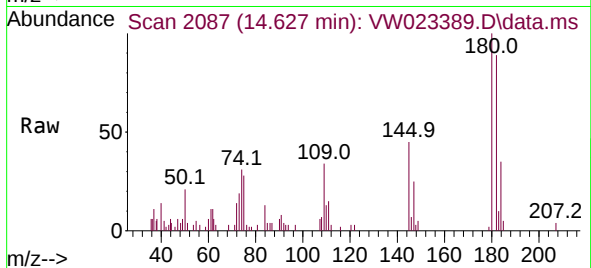
Tgt Ion: 75 Resp: 1170

Ion Ratio Lower Upper

75 100

155 0.0 59.3 88.9#

157 0.0 89.8 134.8#



#69

1,3,5-Trichlorobenzene

Concen: 13.390 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Tgt Ion:180 Resp: 5351

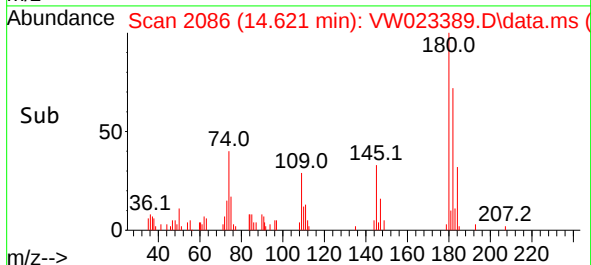
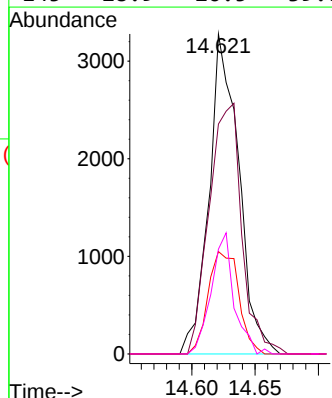
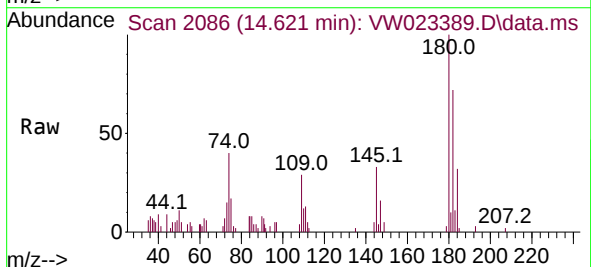
Ion Ratio Lower Upper

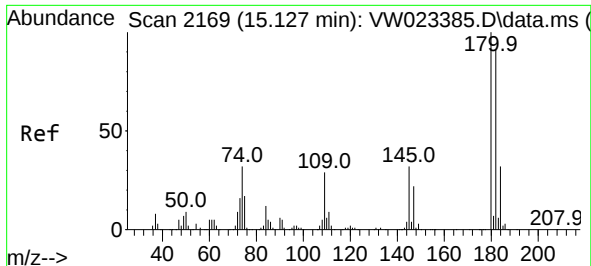
180 100

182 86.2 74.8 112.2

184 33.0 23.4 35.2

145 28.9 26.5 39.7

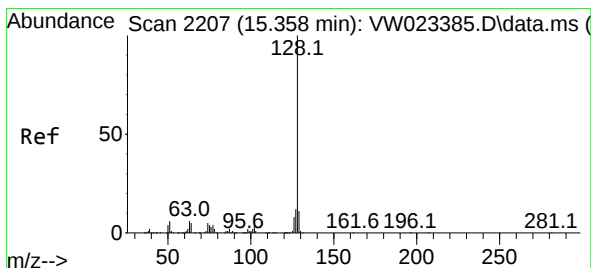
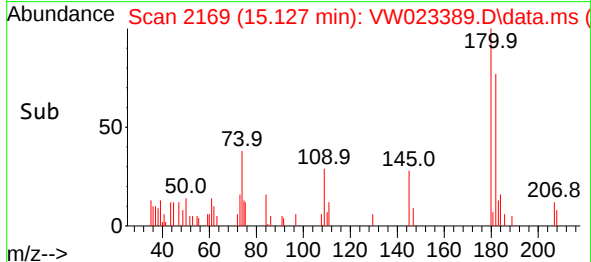
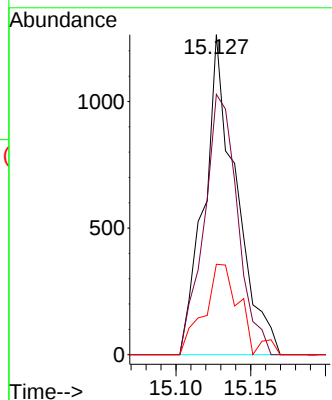
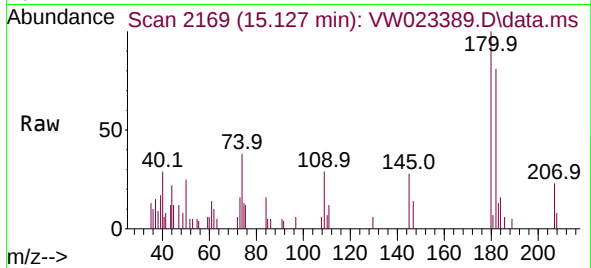




#70
1,2,4-trichlorobenzene
Concen: 5.889 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

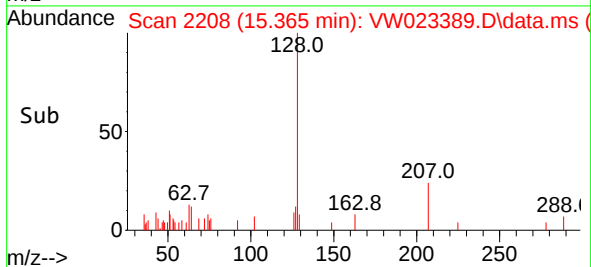
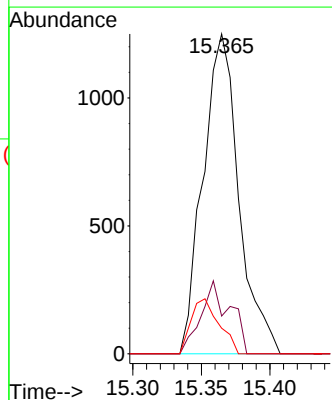
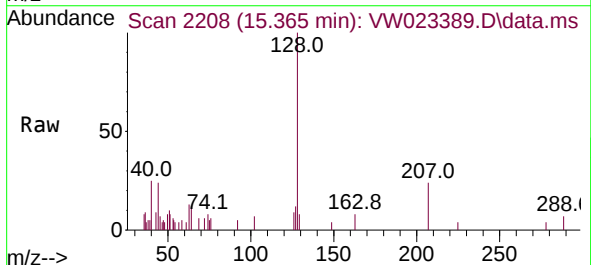
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

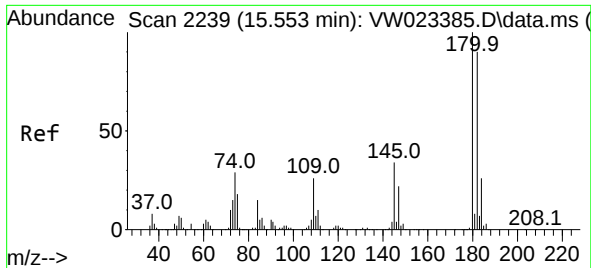
Tgt Ion:180 Resp: 1870
Ion Ratio Lower Upper
180 100
182 85.7 74.9 112.3
145 29.9 26.6 39.8



#71
Naphthalene
Concen: 3.796 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

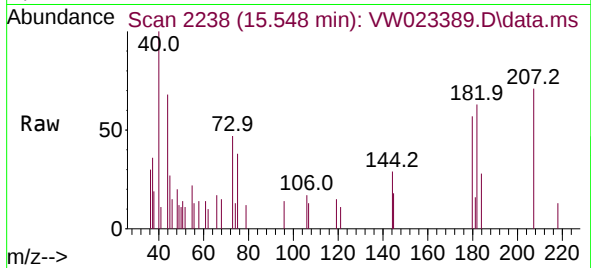
Tgt Ion:128 Resp: 2269
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 13.4 8.7 13.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.928 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9REMSD



Tgt Ion:180 Resp: 255
 Ion Ratio Lower Upper
 180 100
 182 140.8 73.5 110.3#
 145 39.6 27.9 41.9

