

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	3419m	37.501	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.000%
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	4.135	43	2548m	38.042	ug/L	
14) Carbon disulfide	4.391	76	22841	19.862	ug/L	98
15) Methyl Acetate	4.690	43	2348m	15.959	ug/L	
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	15794m	23.214	ug/L	
20) cis-1,2-Dichloroethene	7.177	96	8601	20.392	ug/L #	83
22) 2-Butanone	7.171	43	2742m	27.538	ug/L	
23) Bromochloromethane	7.519	128	4279	21.446	ug/L	82
25) Chloroform	7.677	83	17171	23.059	ug/L	98

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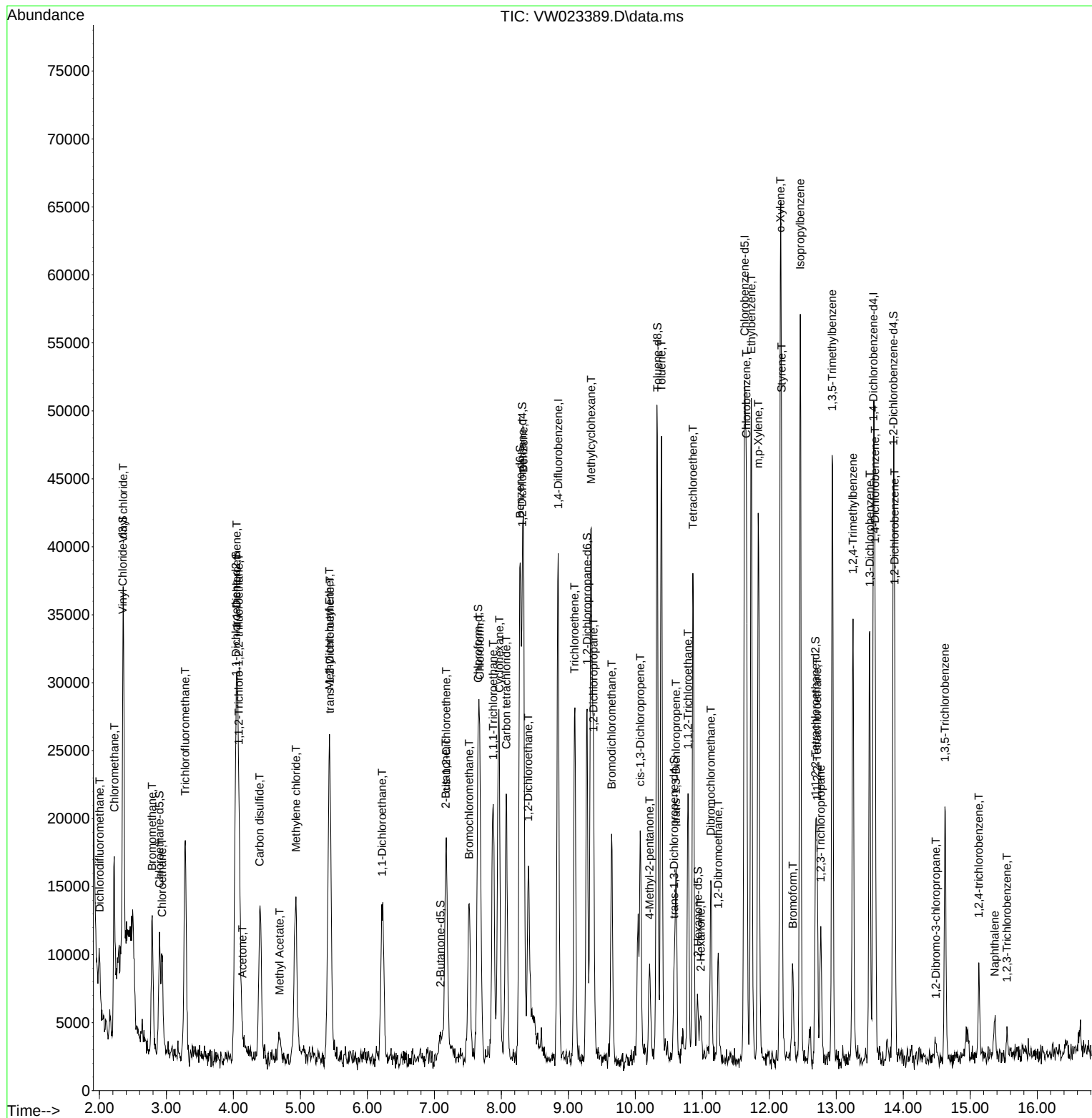
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	9880	20.608	ug/L	100
29) Cyclohexane	7.970	56	12291	22.672	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	15560	26.489	ug/L	98
31) Carbon tetrachloride	8.073	117	13523	24.478	ug/L	98
33) Benzene	8.329	78	36452	25.071	ug/L	100
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...	14.487	75	376m	9.677	ug/L	
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	401m	1.459	ug/L	

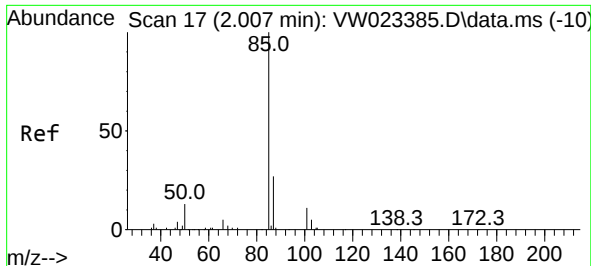
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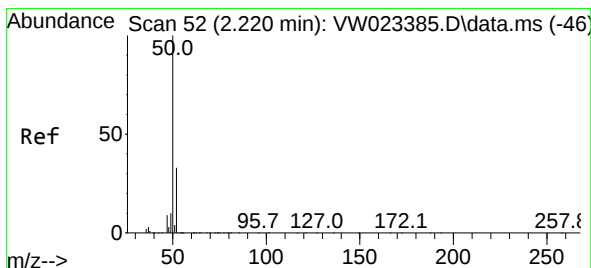
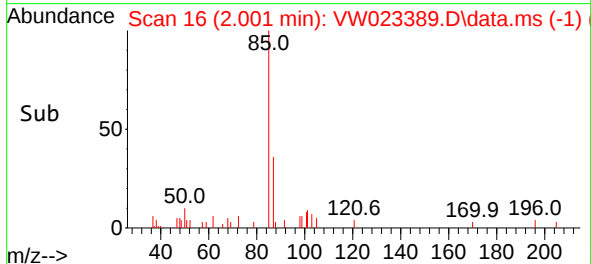
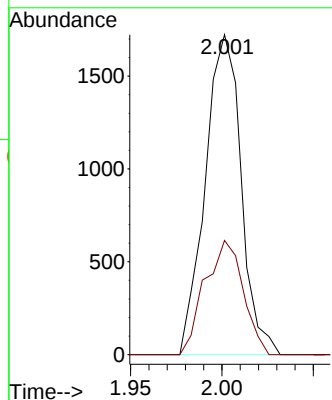
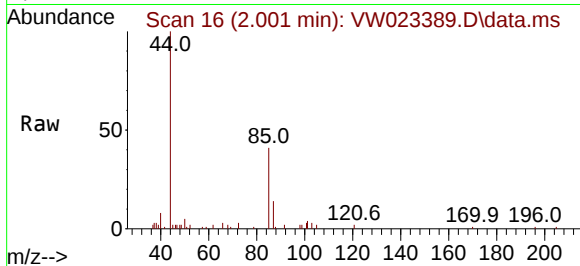




#2
Dichlorodifluoromethane
Concen: 19.590 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

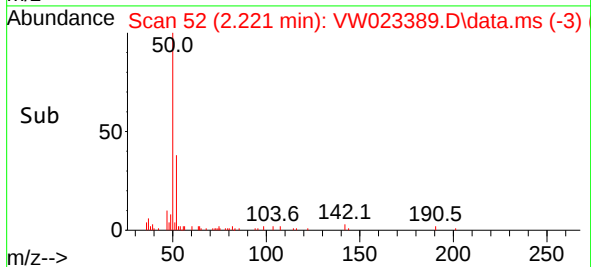
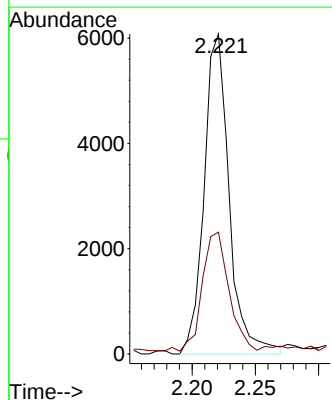
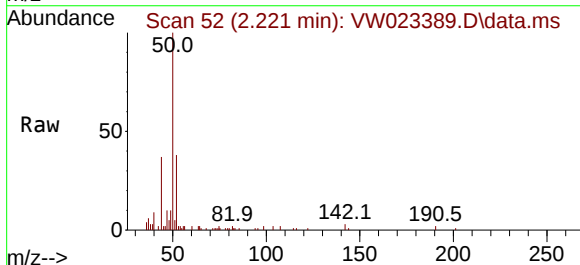
Instrument :
MSVOA_W
ClientSampleId :
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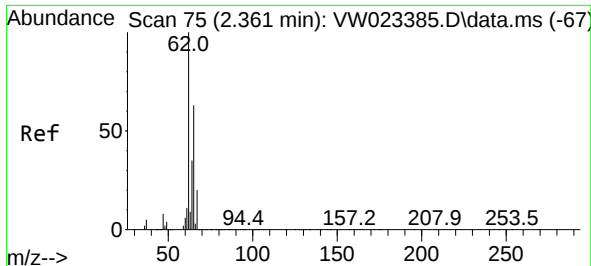
Tgt Ion: 85 Resp: 2356
Ion Ratio Lower Upper
85 100
87 38.0 27.8 41.8



#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

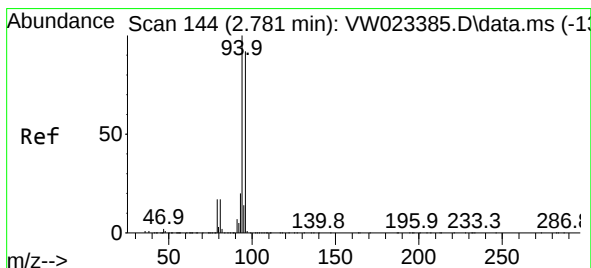
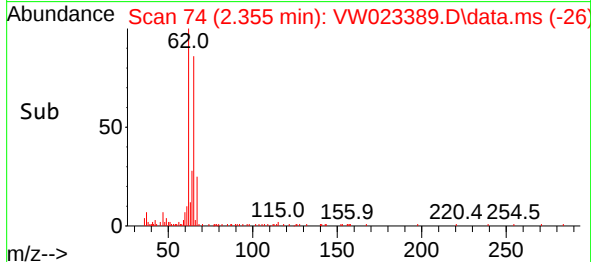
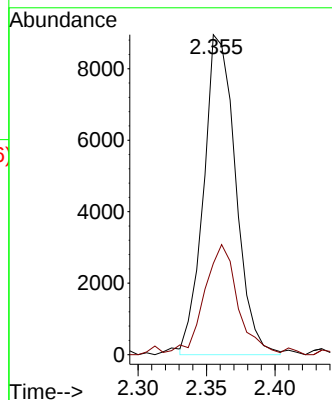
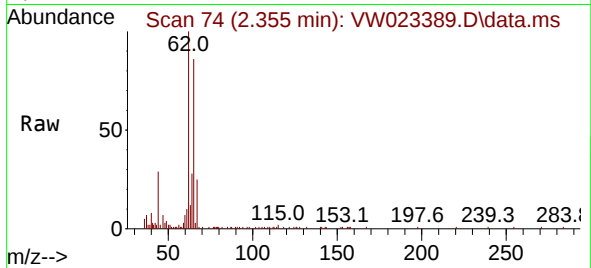




#5
 Vinyl chloride
 Concen: 25.203 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

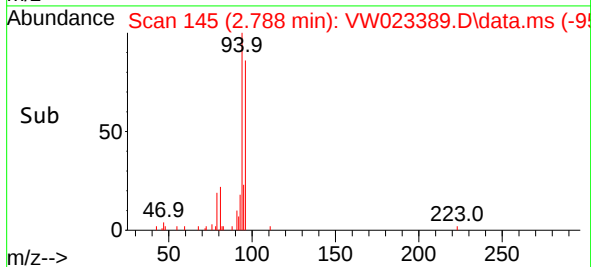
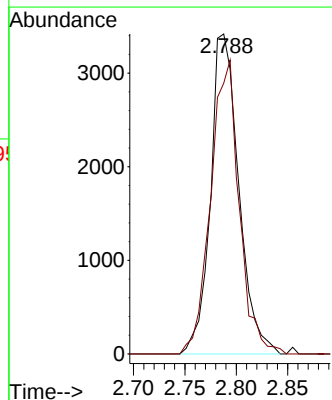
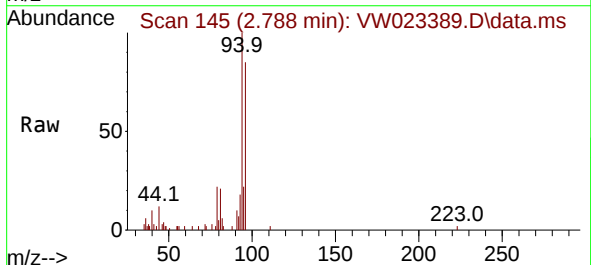
Instrument :
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 ClientSampleId :
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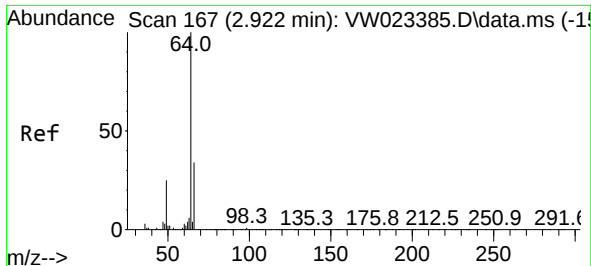
Tgt Ion: 62 Resp: 14554
 Ion Ratio Lower Upper
 62 100
 64 28.5 24.9 46.3



#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

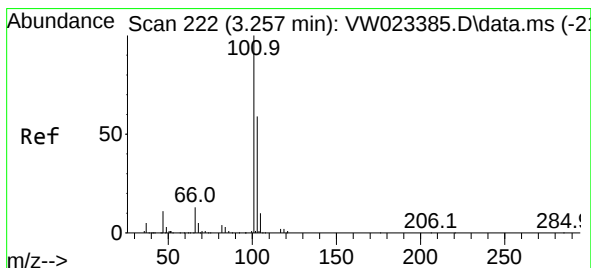
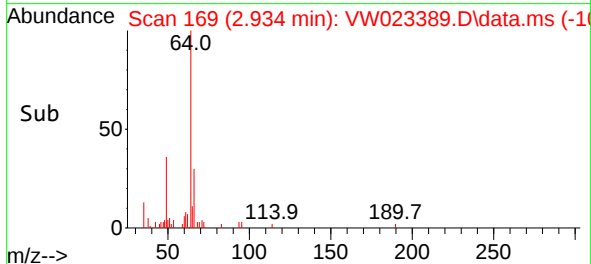
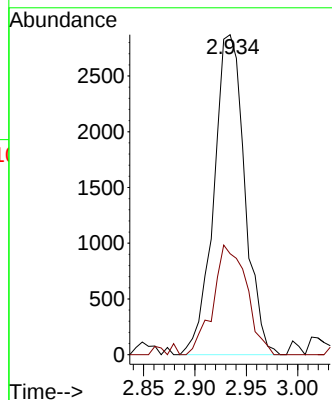
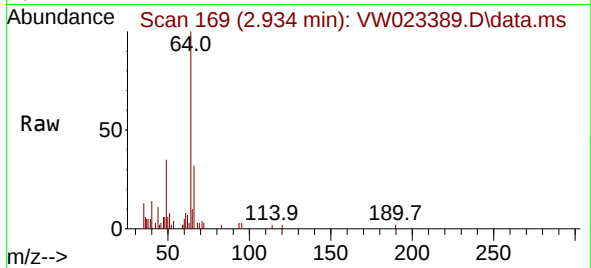




#8
Chloroethane
Concen: 22.769 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.013 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

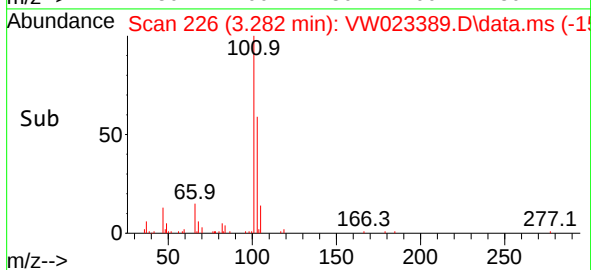
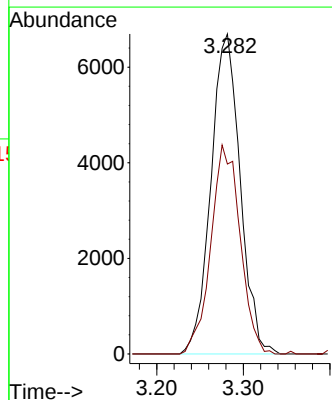
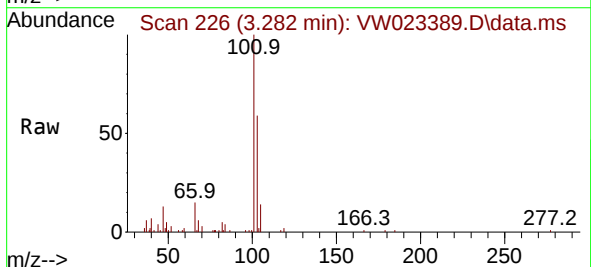
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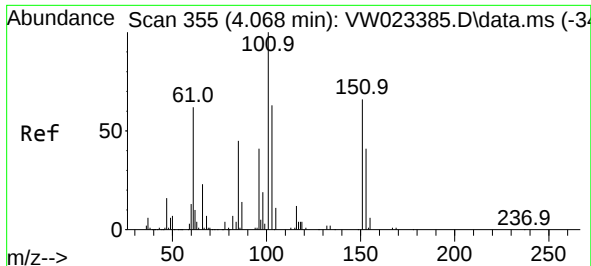
Tgt Ion: 64 Resp: 6011
Ion Ratio Lower Upper
64 100
66 31.6 23.4 43.6



#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

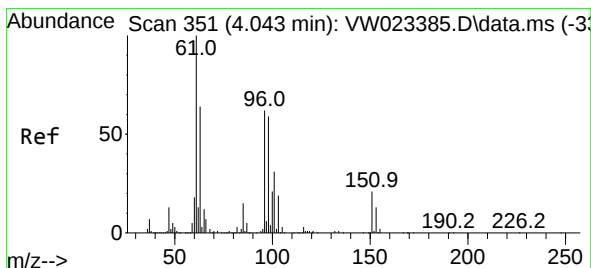
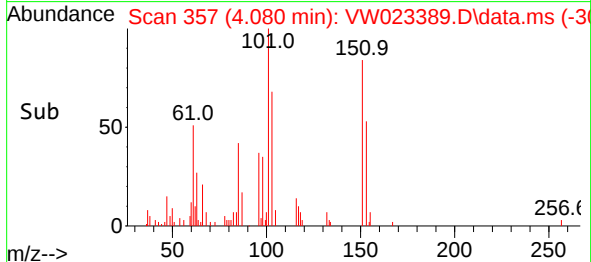
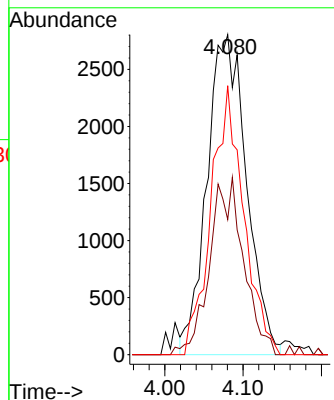
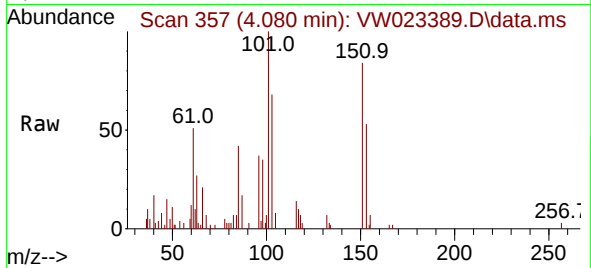




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.850 ug/L
 RT: 4.080 min Scan# 355
 Delta R.T. 0.013 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

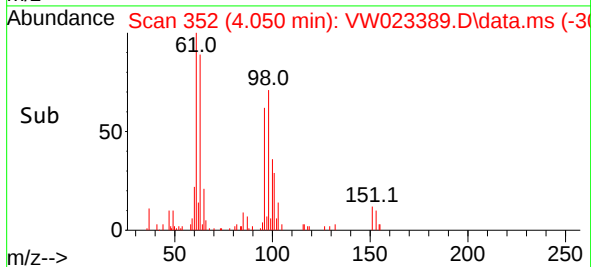
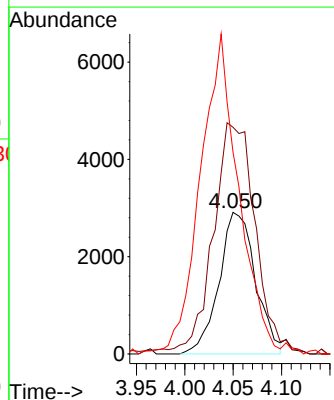
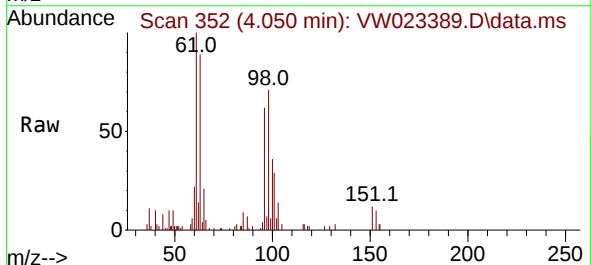
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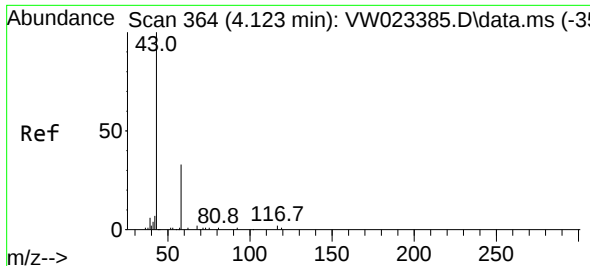
Tgt Ion:101 Resp: 9822
 Ion Ratio Lower Upper
 101 100
 85 20.1 34.3 51.5#
 151 46.1 54.2 81.2#



#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

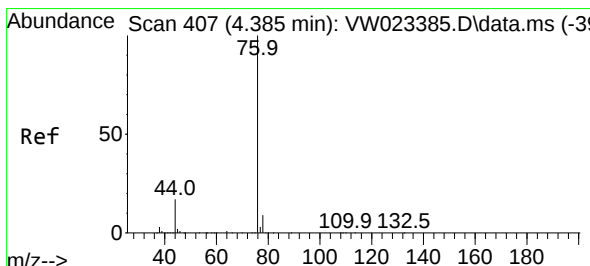
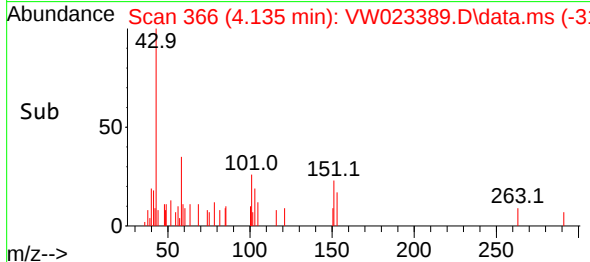
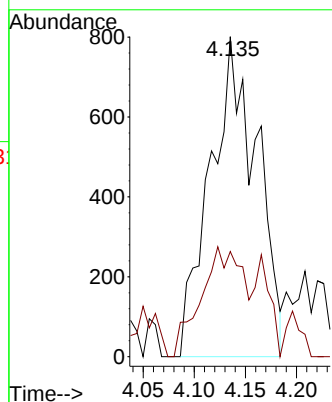
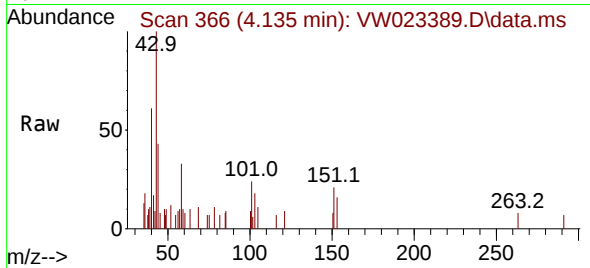




#13
Acetone
Concen: 38.042 ug/L m
RT: 4.135 min Scan# 366
Delta R.T. 0.013 min
Lab File: VW023389.D
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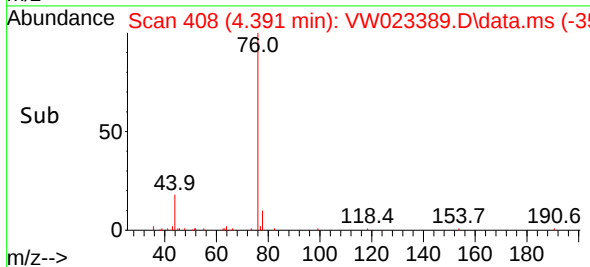
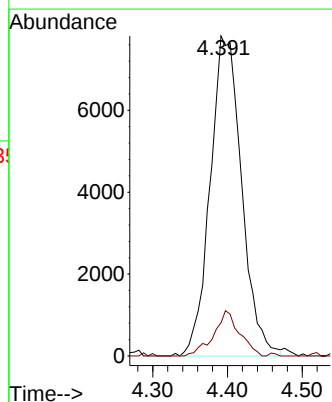
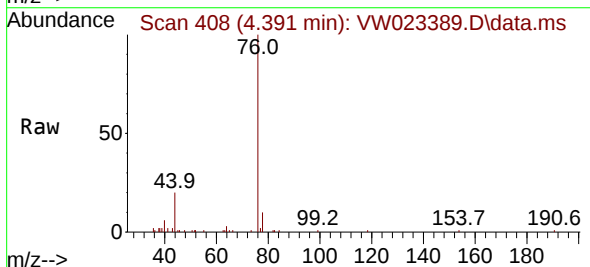
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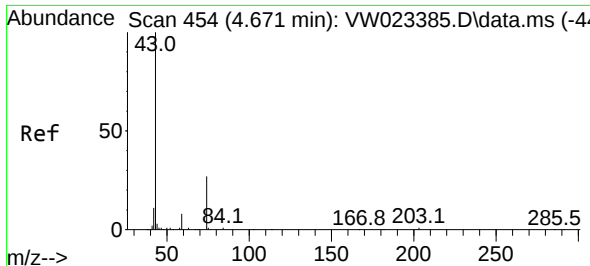
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Ion Ratio Lower Upper
43 100
58 10.4 0.0 64.0



#14
Carbon disulfide
Concen: 19.862 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

Tgt Ion: 76 Resp: 22841
Ion Ratio Lower Upper
76 100
78 10.3 7.7 11.5

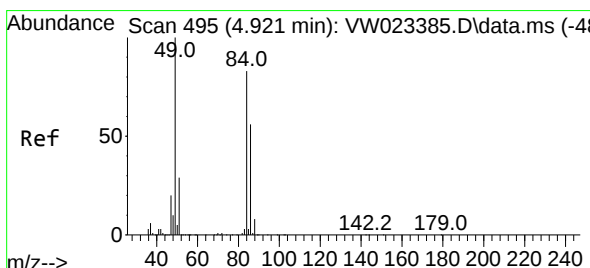
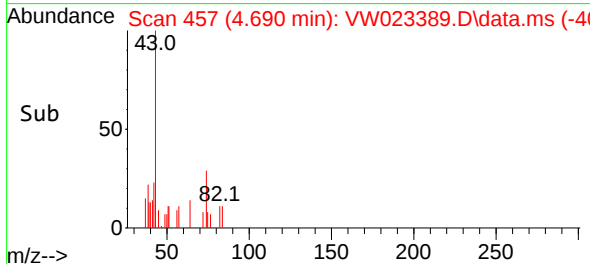
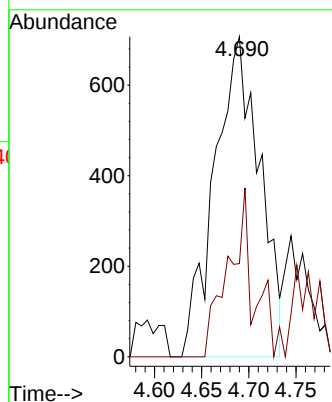
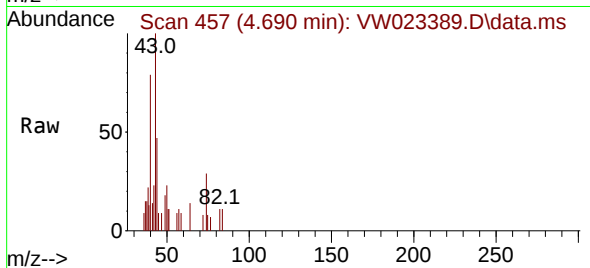




#15
Methyl Acetate
Concen: 15.959 ug/L m
RT: 4.690 min Scan# 4
Delta R.T. 0.019 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

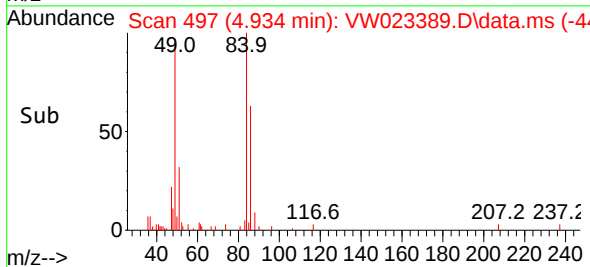
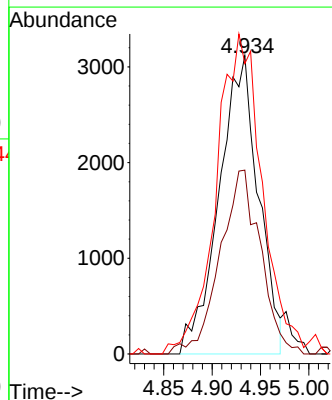
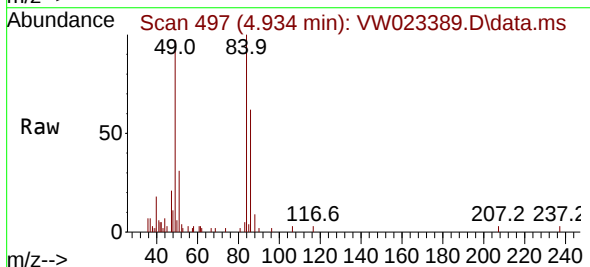
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

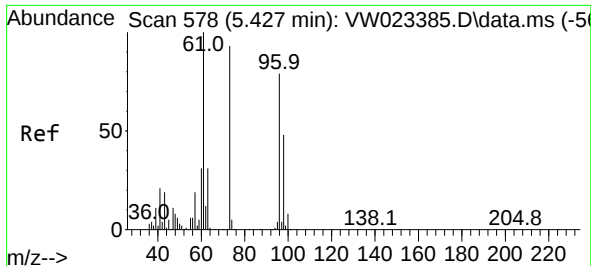
Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
74 5.9 21.9 32.9#



#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

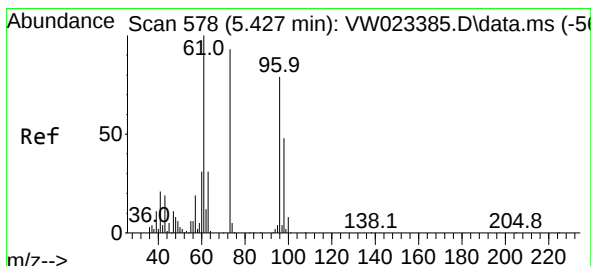
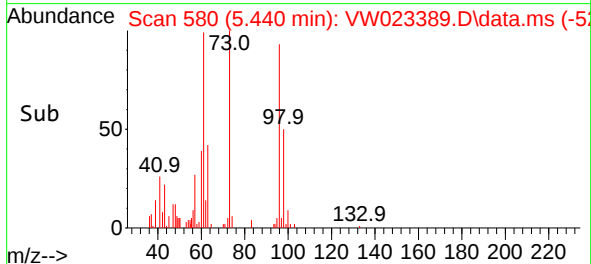
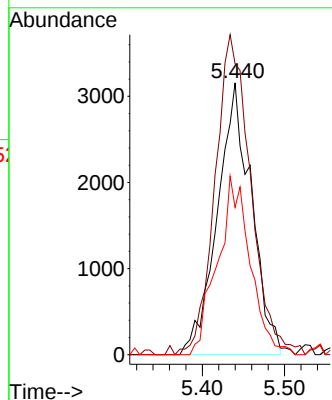
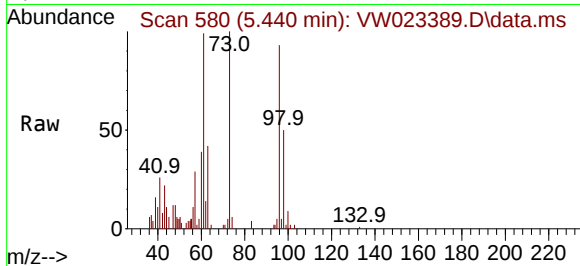




#17
trans-1,2-Dichloroethene
Concen: 22.612 ug/L
RT: 5.440 min Scan# 51
Delta R.T. 0.013 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

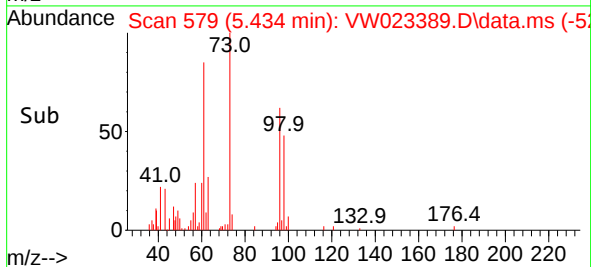
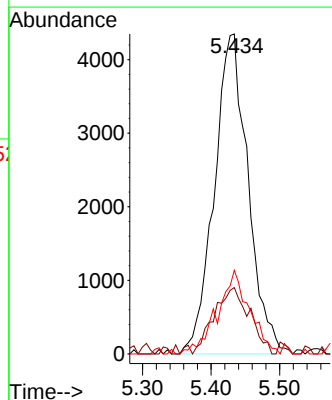
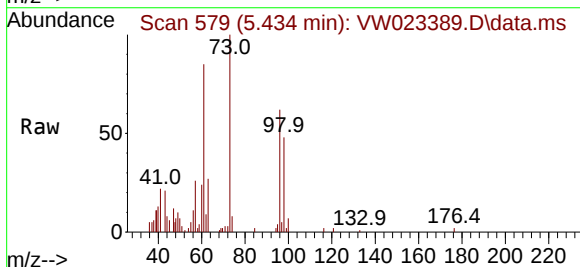
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

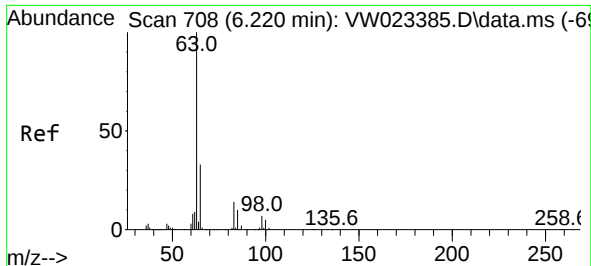
Tgt Ion: 96 Resp: 9082
Ion Ratio Lower Upper
96 100
61 107.0 92.2 171.2
98 54.2 42.9 79.7



#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: 23.214 ug/L m

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

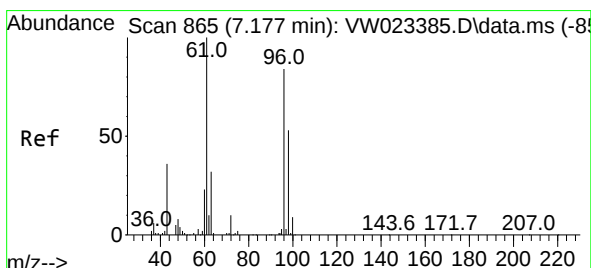
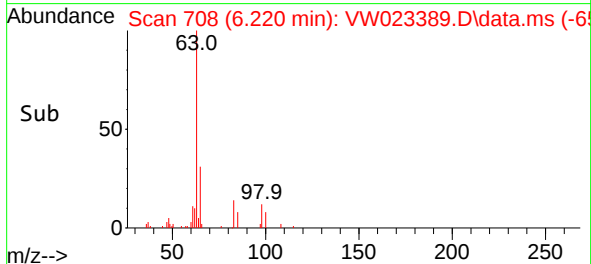
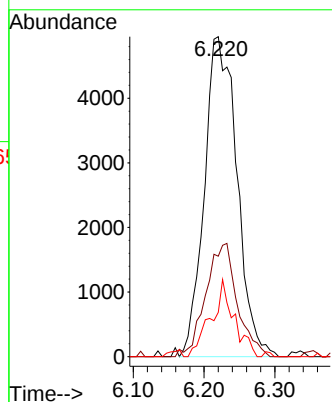
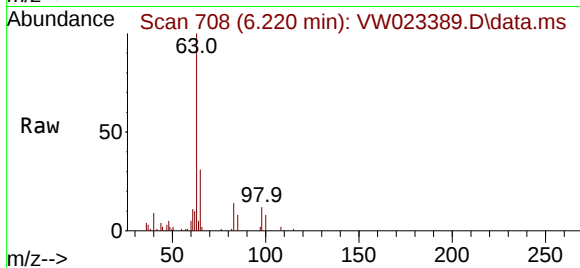
Tgt Ion: 63 Resp: 15794

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

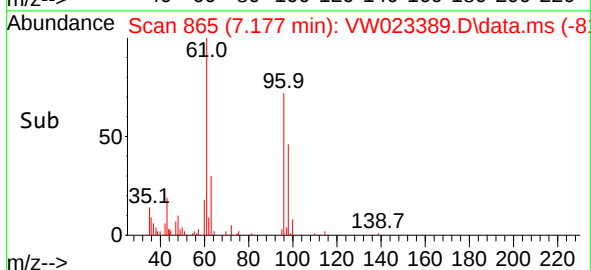
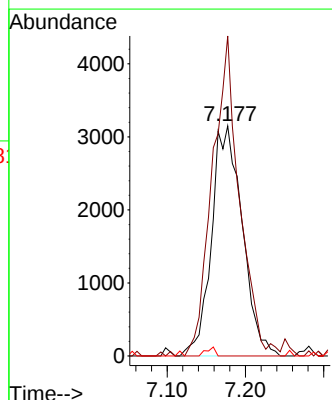
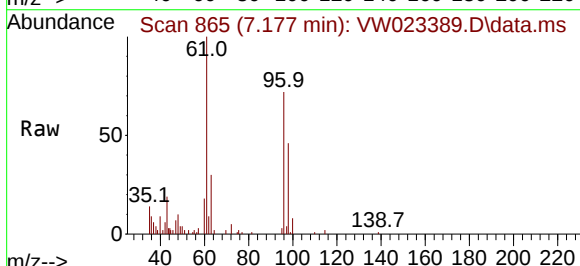
Tgt Ion: 96 Resp: 8601

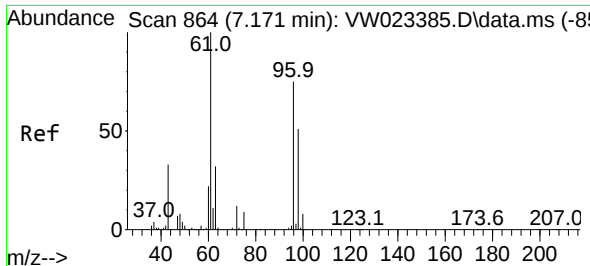
Ion Ratio Lower Upper

96 100

61 139.1 84.2 156.4

68 0.0 0.1 0.1#

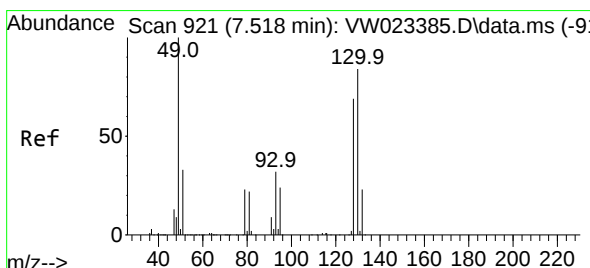
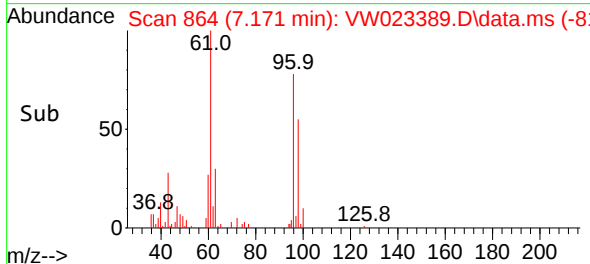
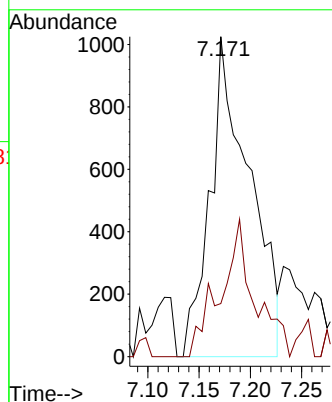
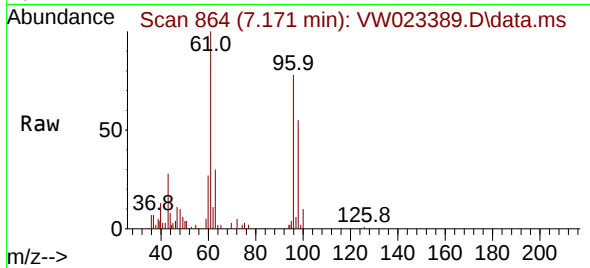




#22
2-Butanone
Concen: 27.538 ug/L m
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

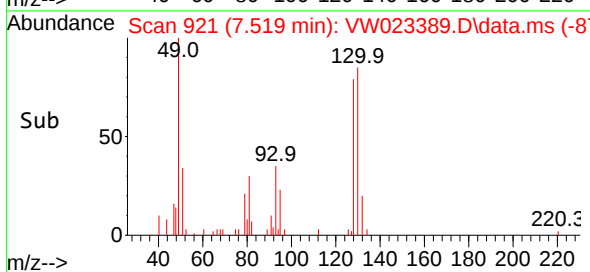
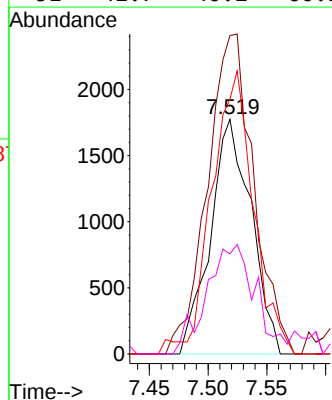
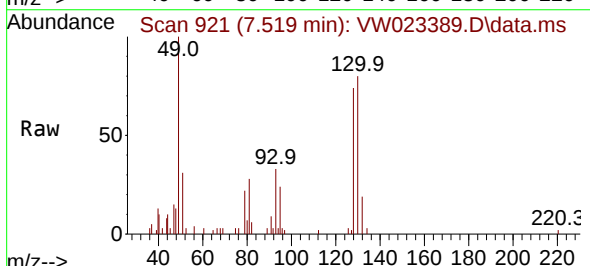
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

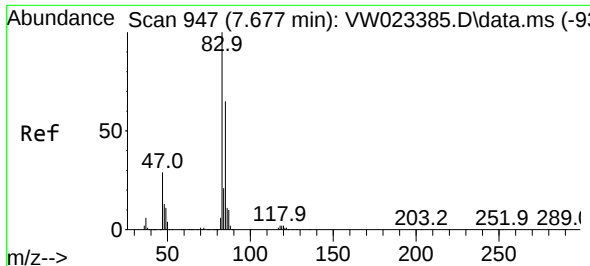
Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
72 1.7 15.1 45.3#



#23
Bromochloromethane
Concen: 21.446 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

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

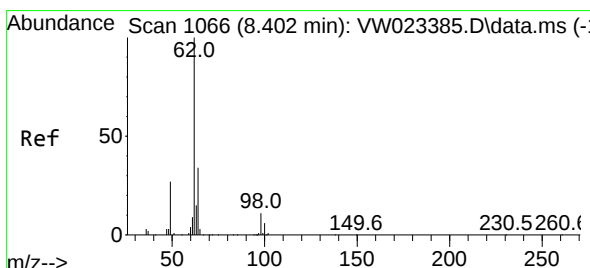
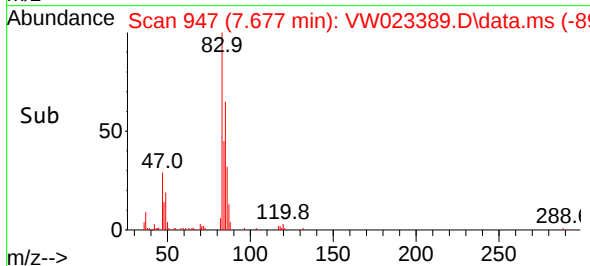
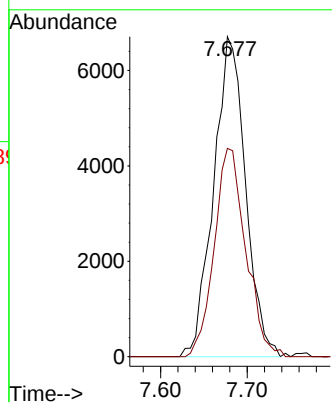
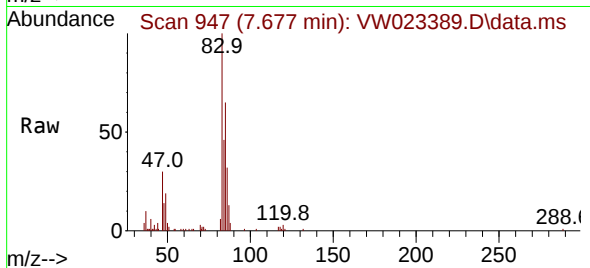




#25
Chloroform
Concen: 23.059 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

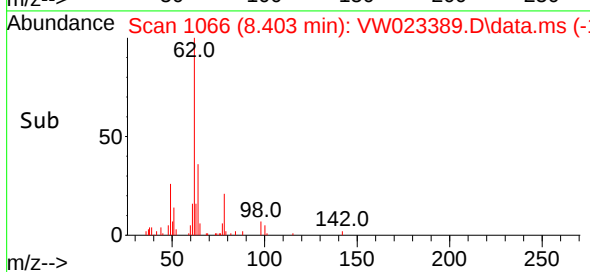
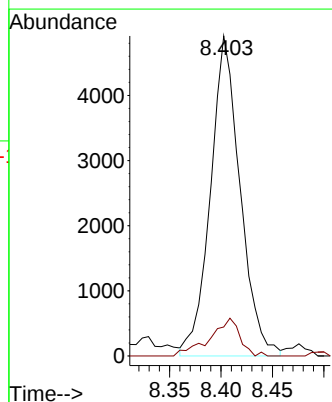
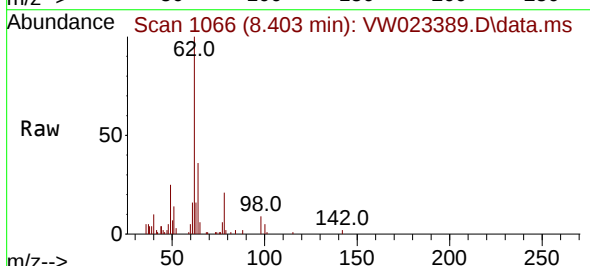
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

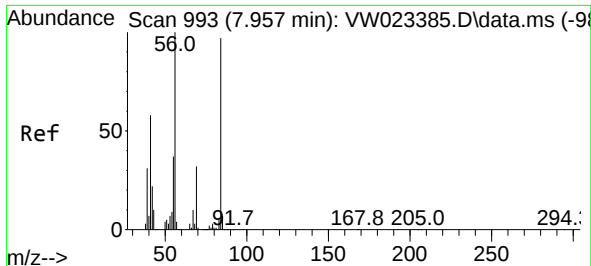
Tgt Ion: 83 Resp: 17171
Ion Ratio Lower Upper
83 100
85 65.1 46.6 86.6



#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

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# 993

Delta R.T. 0.013 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

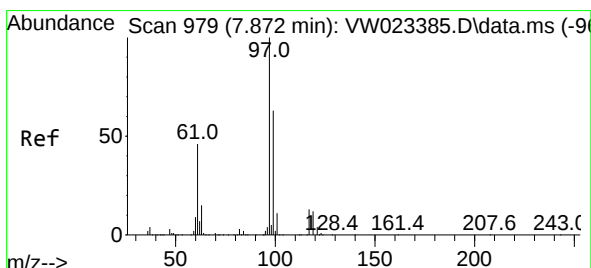
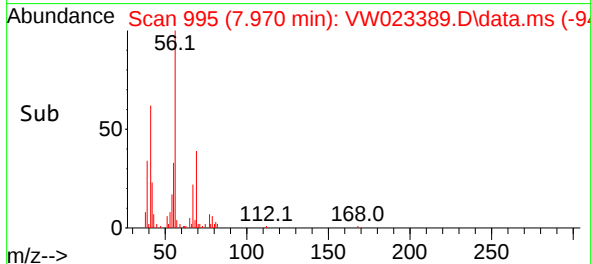
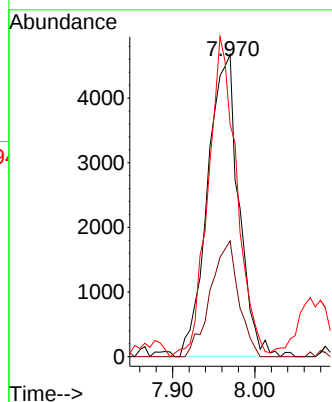
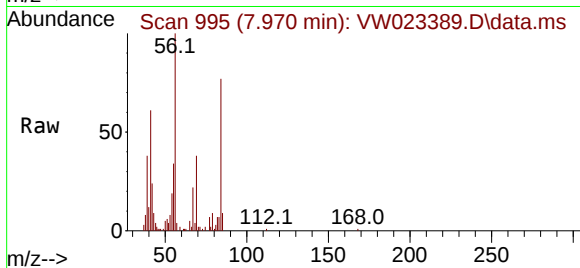
Tgt Ion: 56 Resp: 12291

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# 980

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

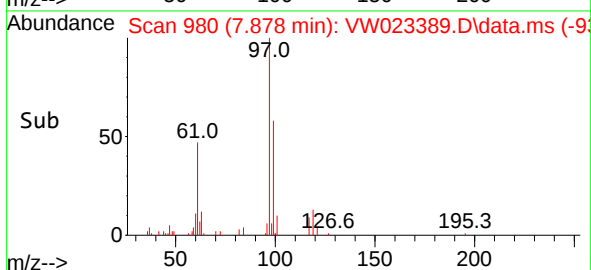
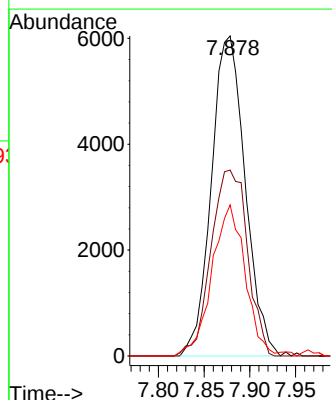
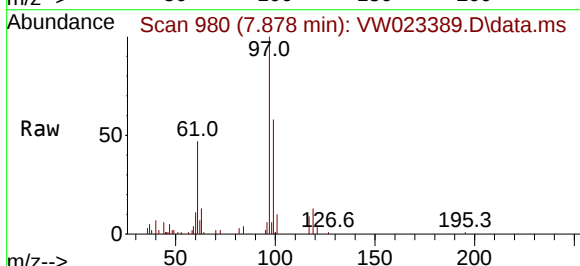
Tgt Ion: 97 Resp: 15560

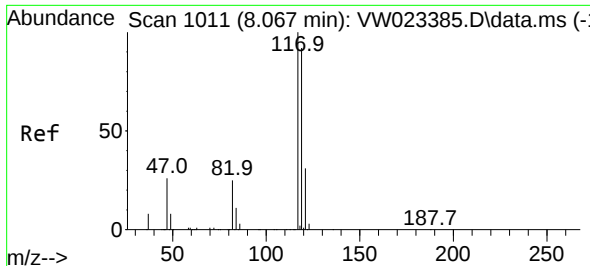
Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.4

61 46.2 34.8 52.2

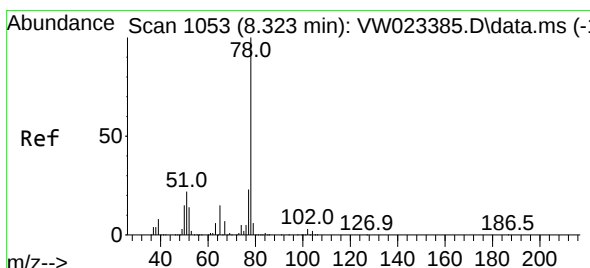
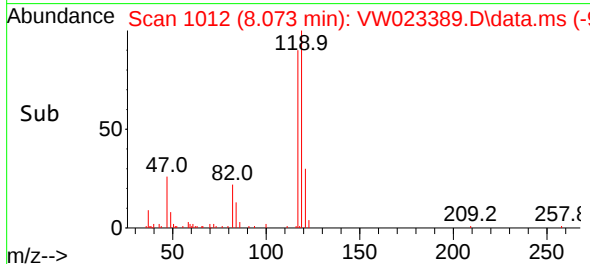
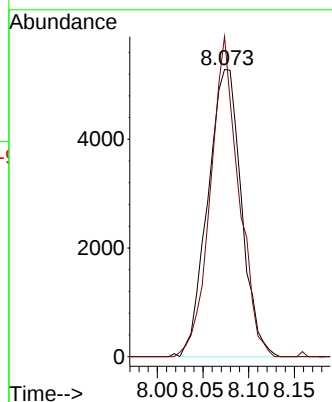
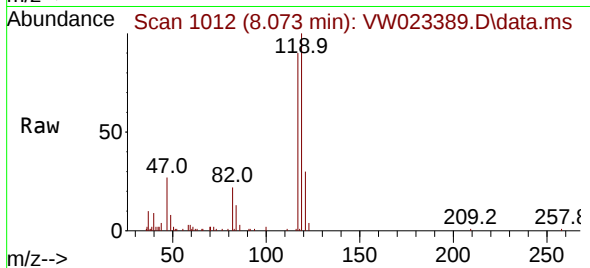




#31
Carbon tetrachloride
Concen: 24.478 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

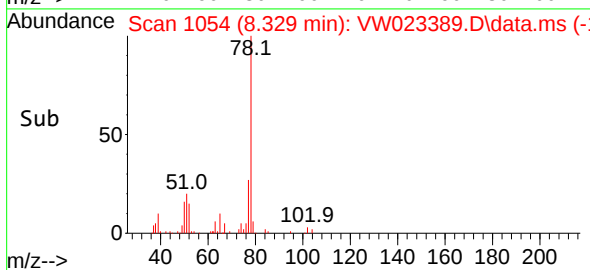
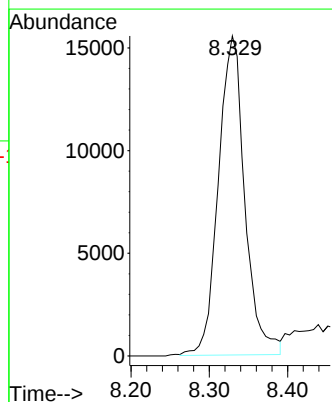
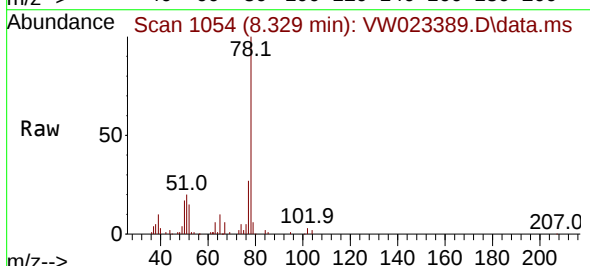
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

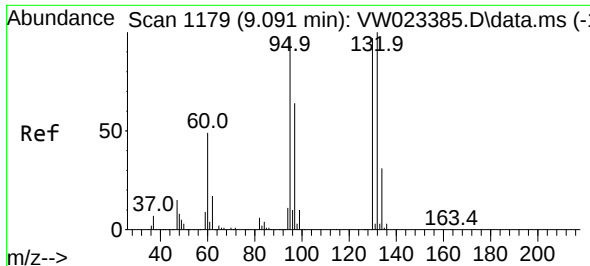
Tgt Ion:117 Resp: 13523
Ion Ratio Lower Upper
117 100
119 94.1 76.6 115.0



#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

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

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

Tgt Ion: 95 Resp: 9045

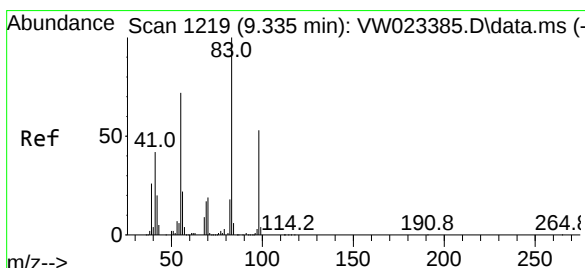
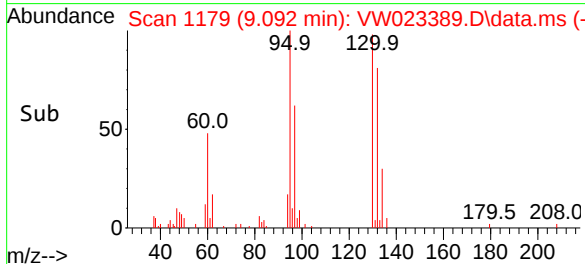
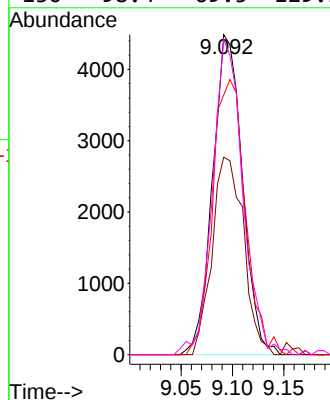
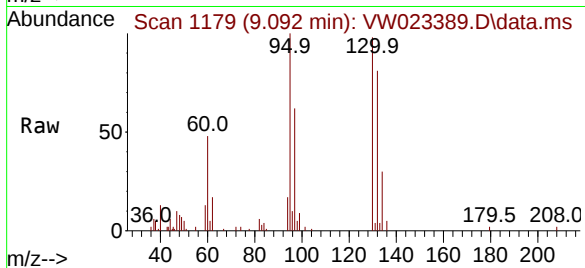
Ion Ratio Lower Upper

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# 1220

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

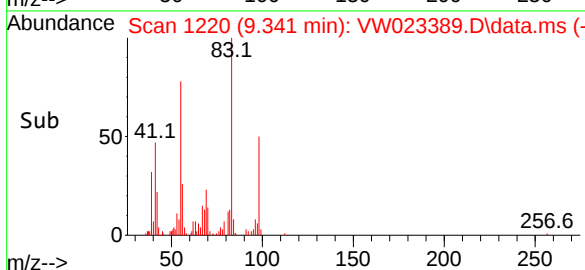
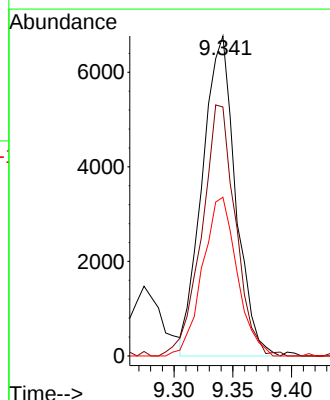
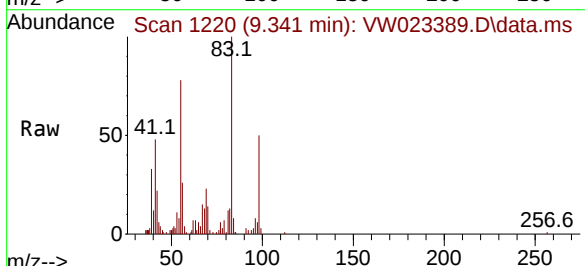
Tgt Ion: 83 Resp: 13328

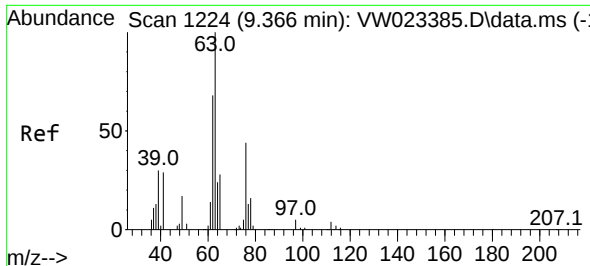
Ion Ratio Lower Upper

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# 11

Delta R.T. 0.013 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

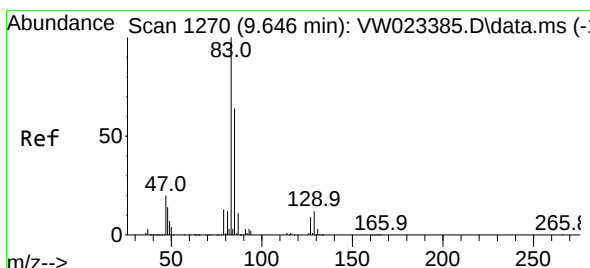
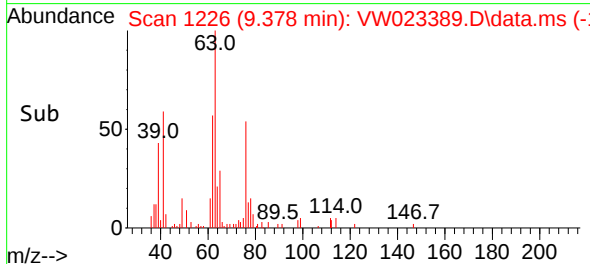
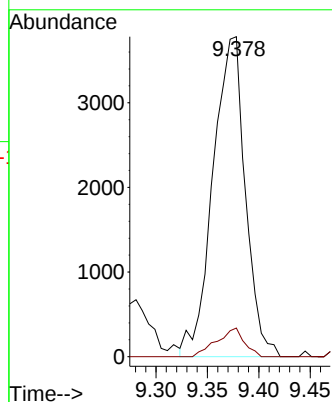
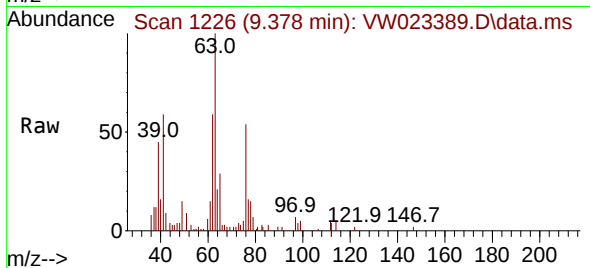
DBTY9REMSD

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# 1270

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

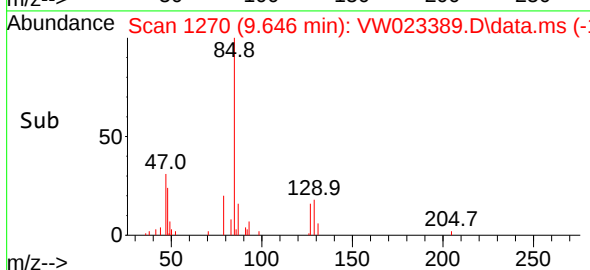
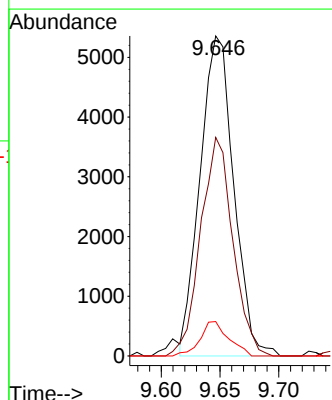
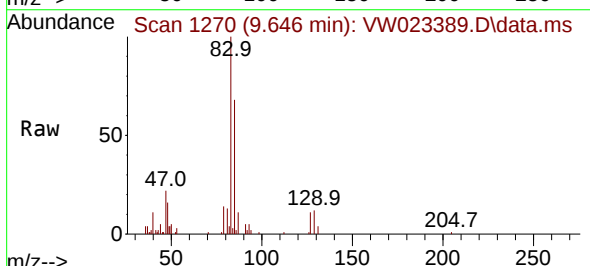
Tgt Ion: 83 Resp: 10693

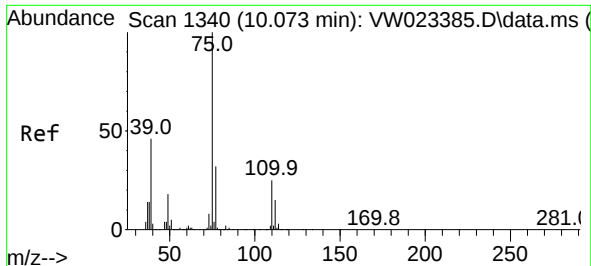
Ion Ratio Lower Upper

83 100

85 68.3 43.5 80.7

127 10.7 7.1 10.7#

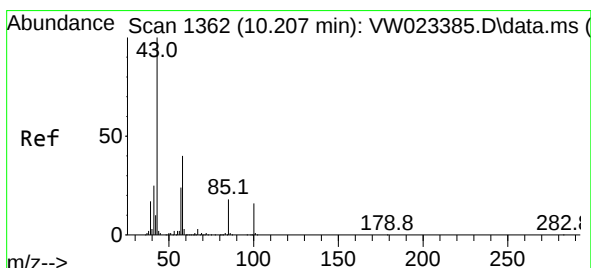
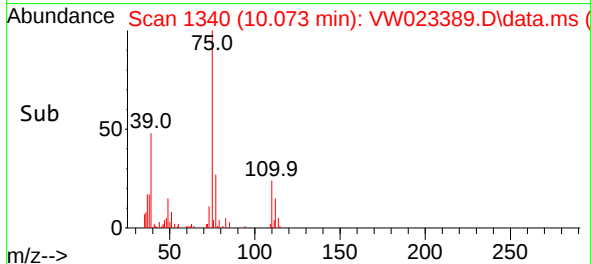
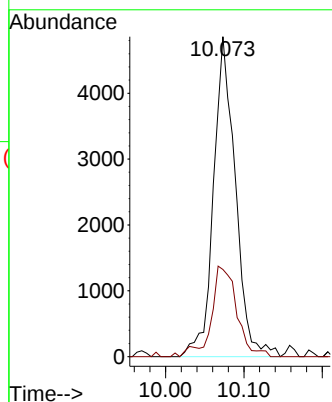
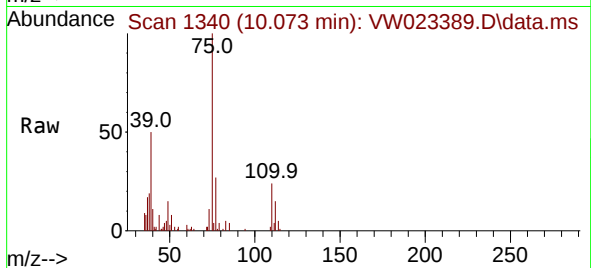




#39
 cis-1,3-Dichloropropene
 Concen: 17.575 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

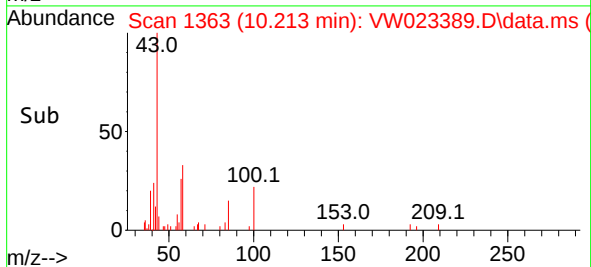
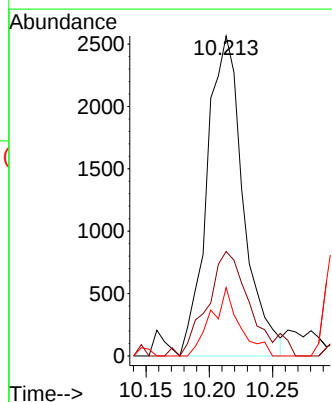
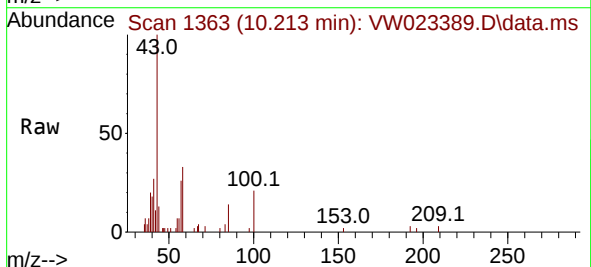
Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9REMSD

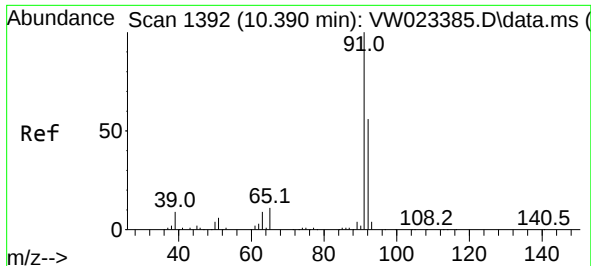
Tgt Ion: 75 Resp: 9456
 Ion Ratio Lower Upper
 75 100
 77 27.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 26.370 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.006 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

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

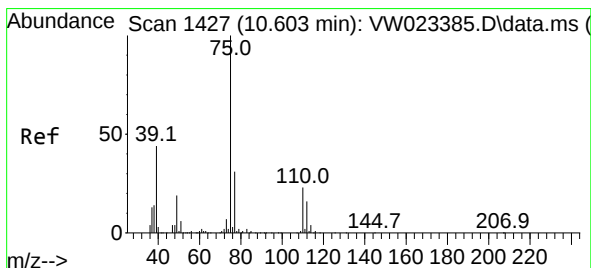
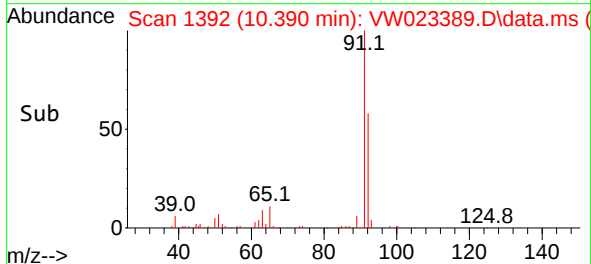
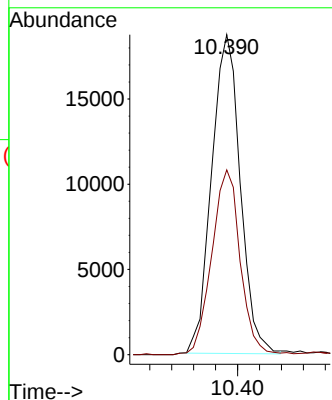
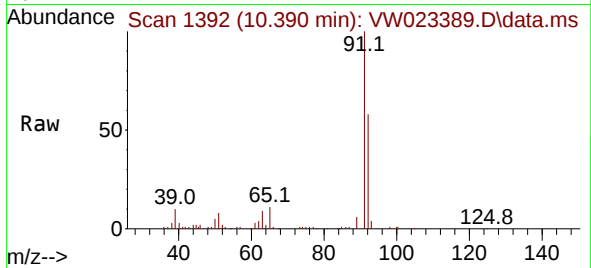




#42
Toluene
Concen: 21.053 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

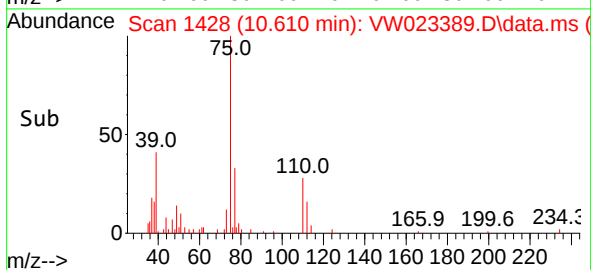
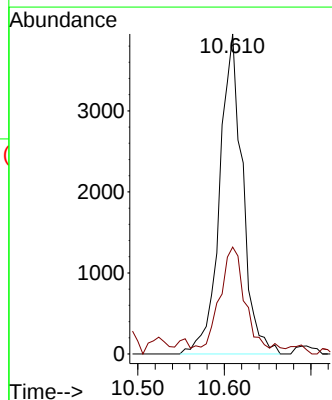
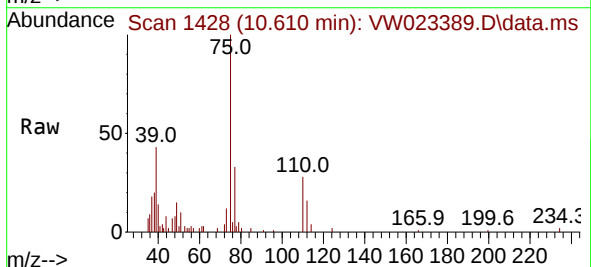
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

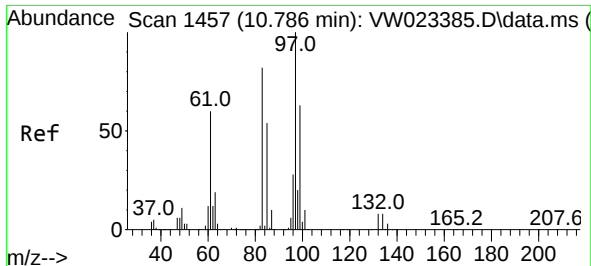
Tgt Ion: 91 Resp: 34007
Ion Ratio Lower Upper
91 100
92 57.7 41.6 77.2



#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

Tgt Ion: 75 Resp: 7267
Ion Ratio Lower Upper
75 100
77 33.4 22.0 40.8

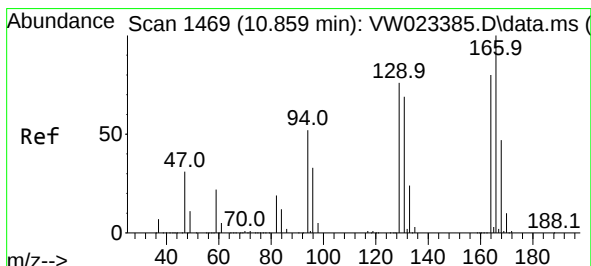
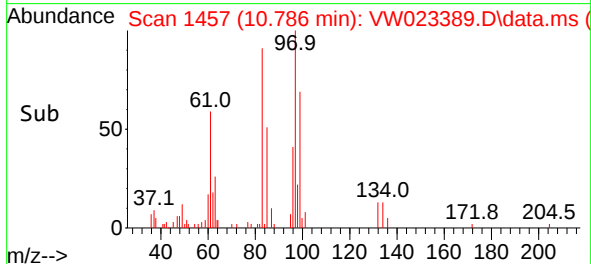
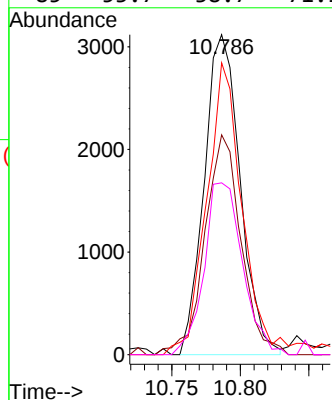
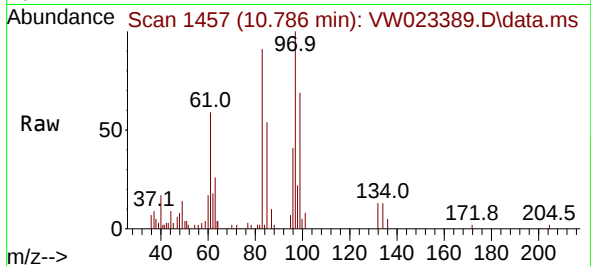




#45
1,1,2-Trichloroethane
Concen: 20.289 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

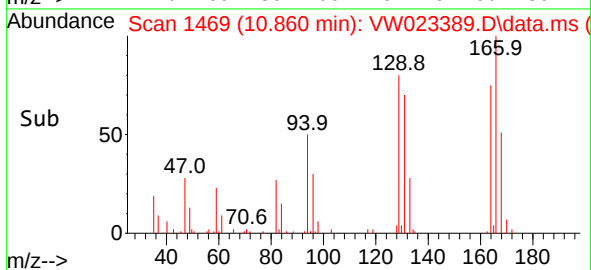
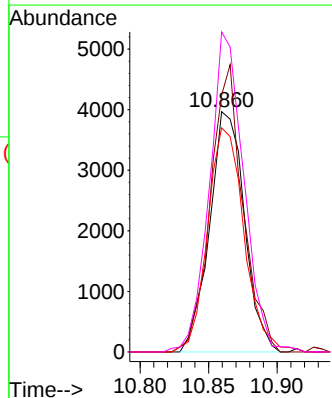
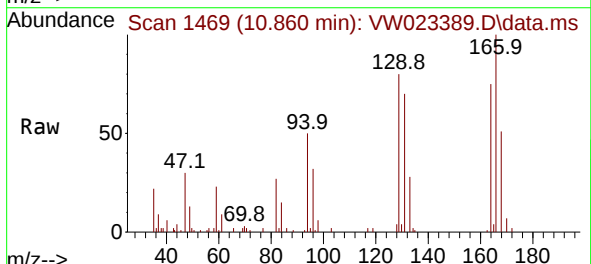
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

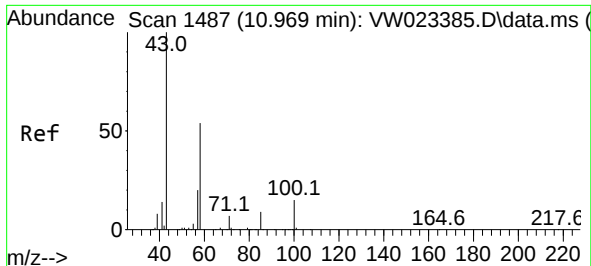
Tgt Ion:	97	Resp:	5690
Ion	Ratio	Lower	Upper
97	100		
99	68.7	44.7	82.9
83	91.2	58.4	108.4
85	53.7	38.7	71.9



#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

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

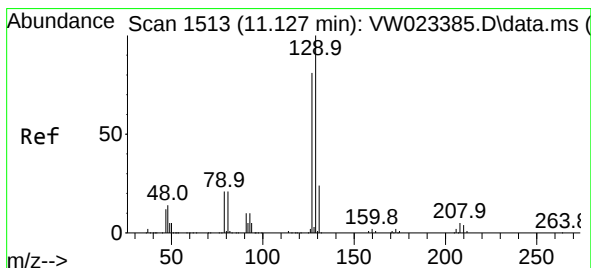
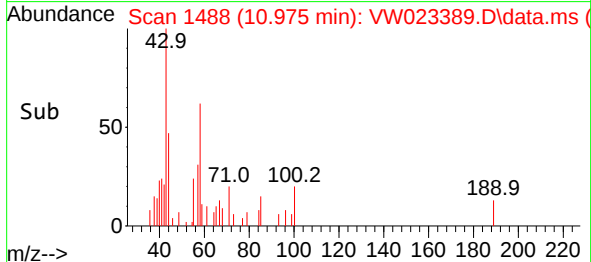
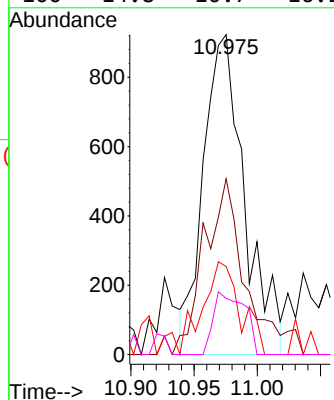
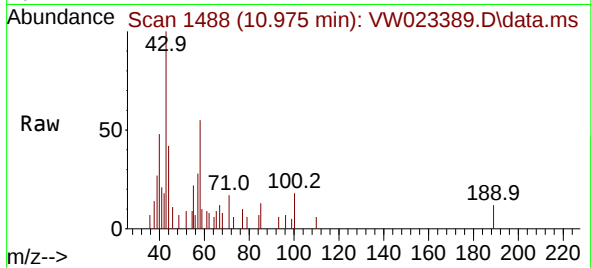




#48
2-Hexanone
Concen: 16.193 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

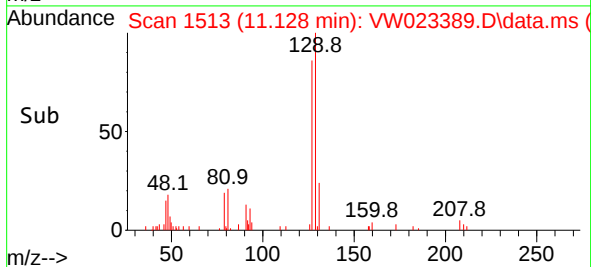
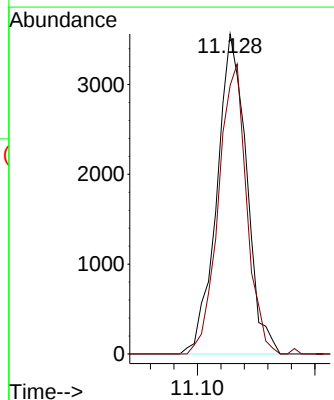
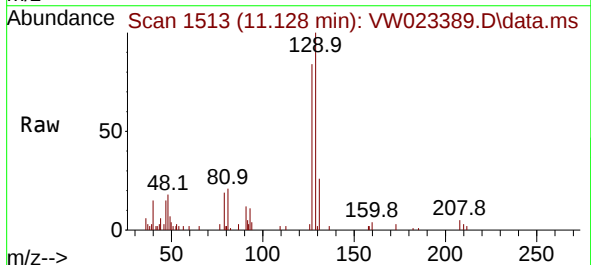
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

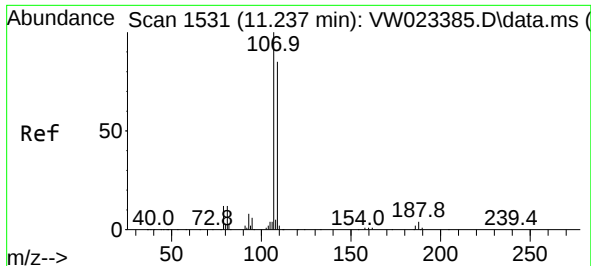
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
58 31.1 45.9 68.9#
57 19.1 16.2 24.2
100 14.8 10.7 16.1



#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

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# 1

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

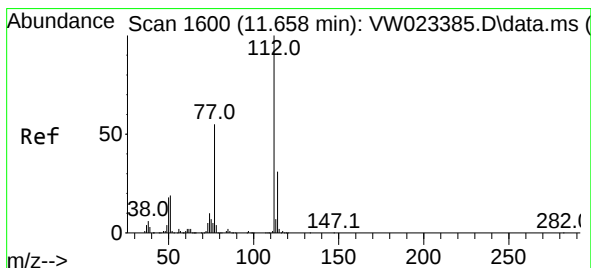
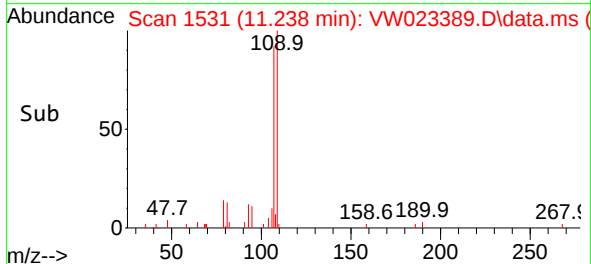
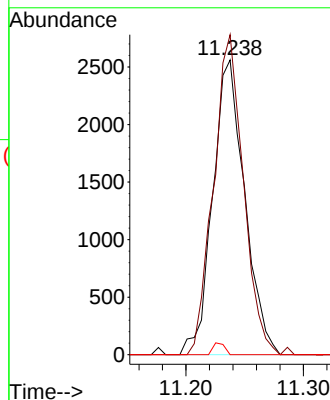
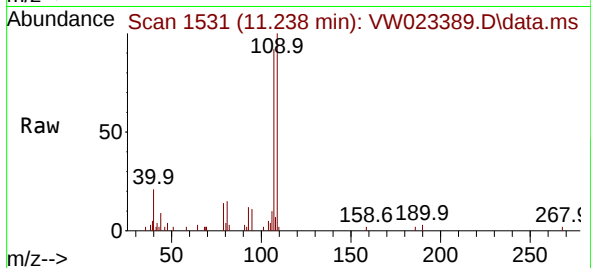
Tgt Ion:107 Resp: 4846

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

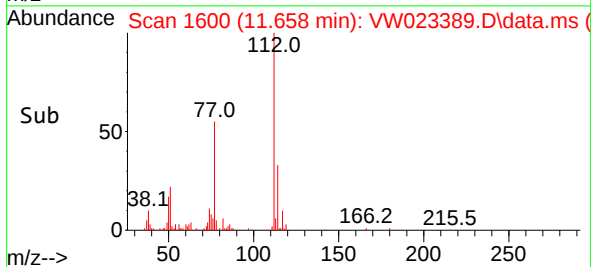
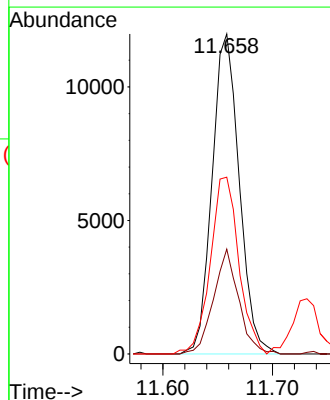
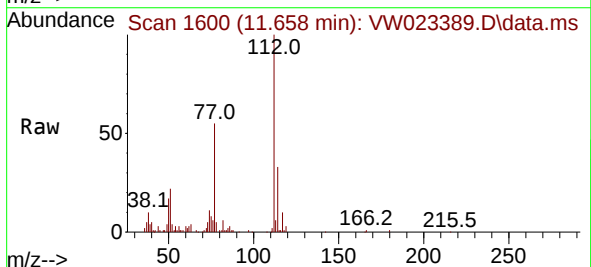
Tgt Ion:112 Resp: 20648

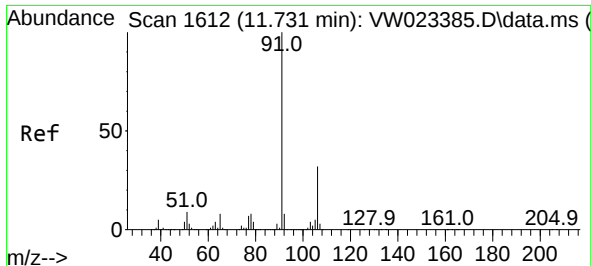
Ion Ratio Lower Upper

112 100

114 32.7 22.0 41.0

77 55.3 42.6 63.8

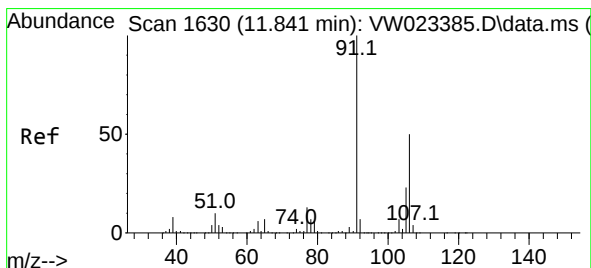
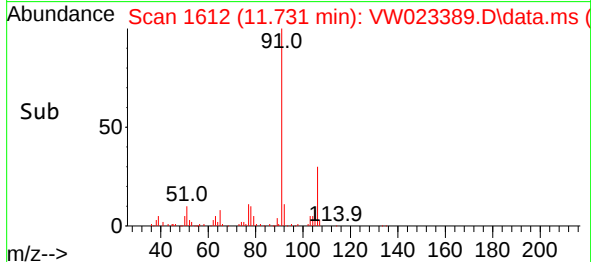
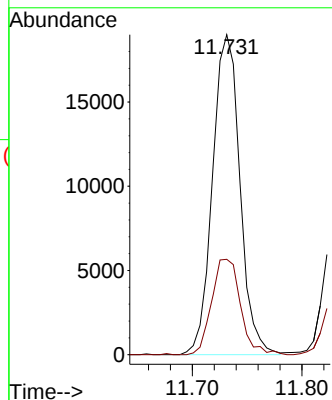
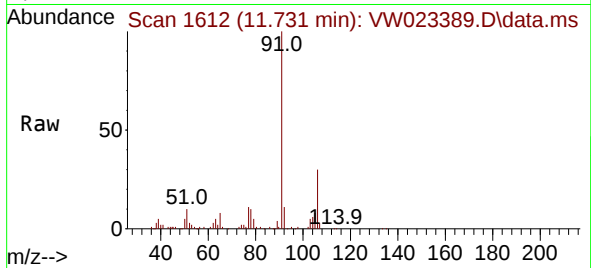




#52
Ethylbenzene
Concen: 18.589 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

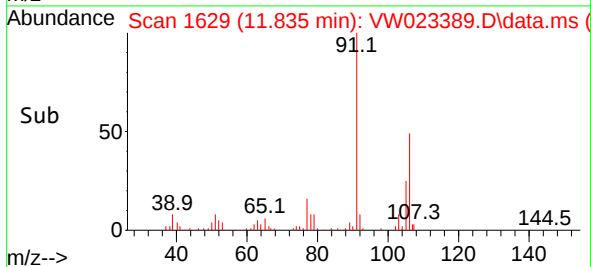
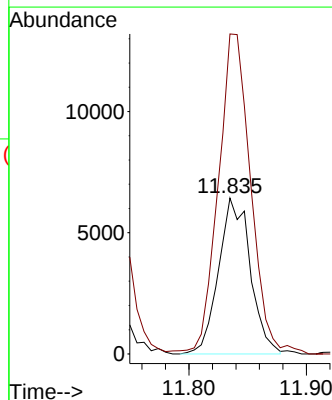
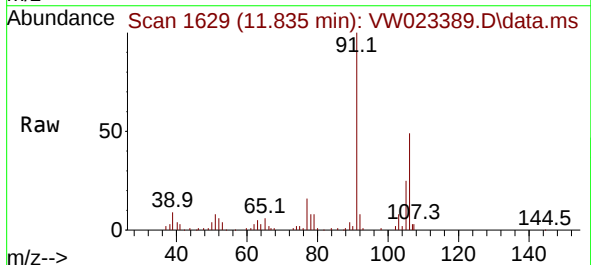
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

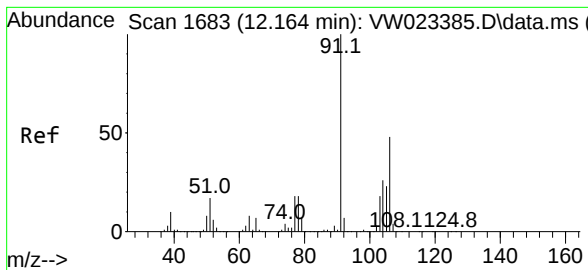
Tgt Ion: 91 Resp: 32973
Ion Ratio Lower Upper
91 100
106 29.8 22.3 41.3



#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

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

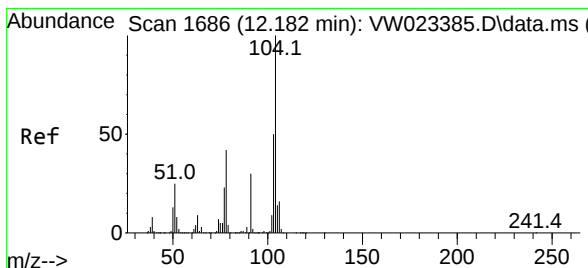
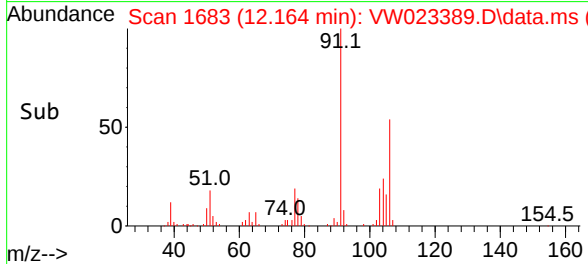
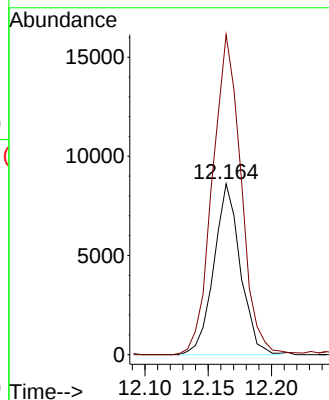
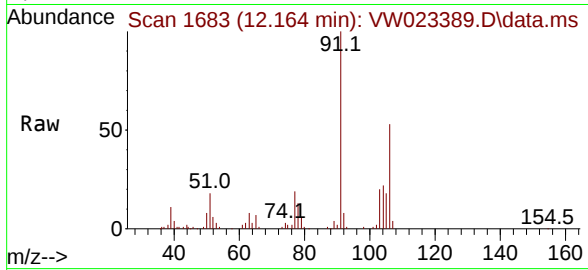




#54
o-Xylene
Concen: 18.696 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

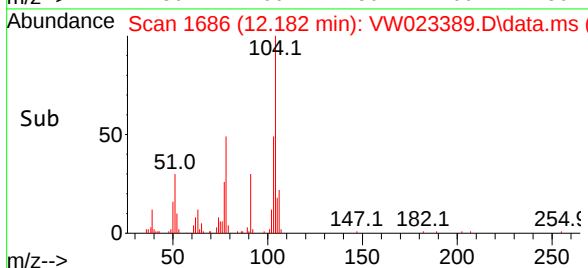
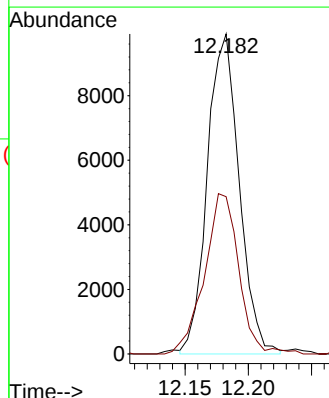
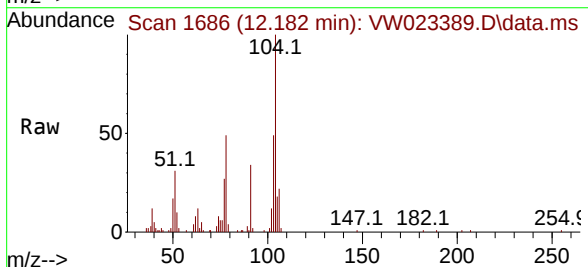
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

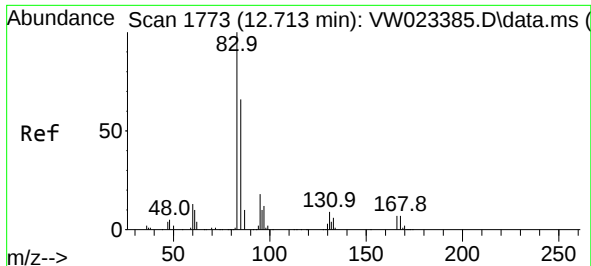
Tgt Ion:106 Resp: 12564
Ion Ratio Lower Upper
106 100
91 187.2 147.2 273.4



#55
Styrene
Concen: 15.166 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

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# 11

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

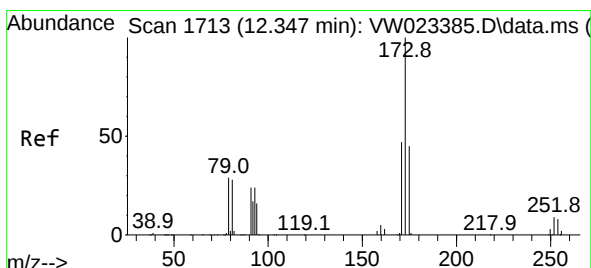
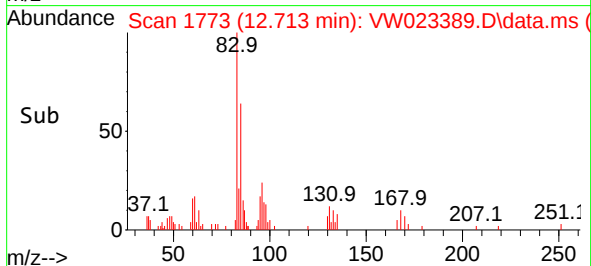
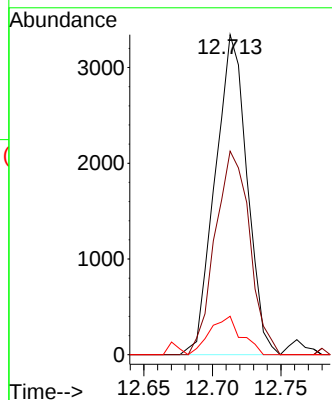
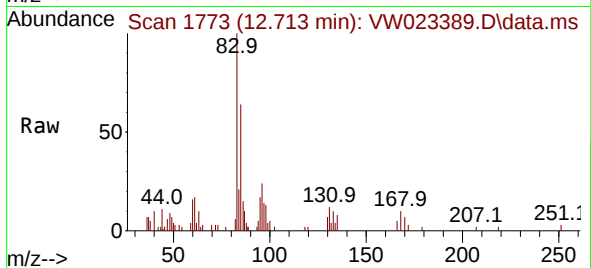
Tgt Ion: 83 Resp: 5417

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

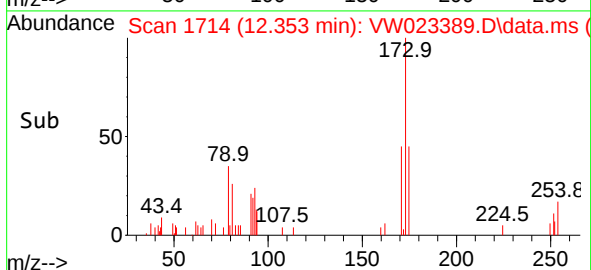
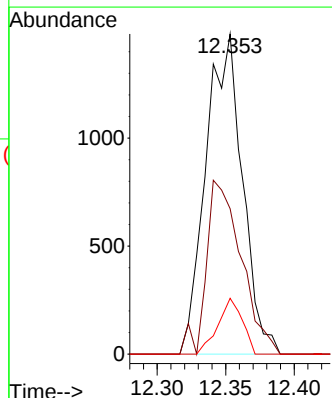
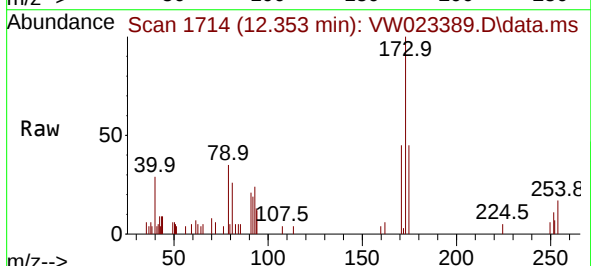
Tgt Ion: 173 Resp: 2750

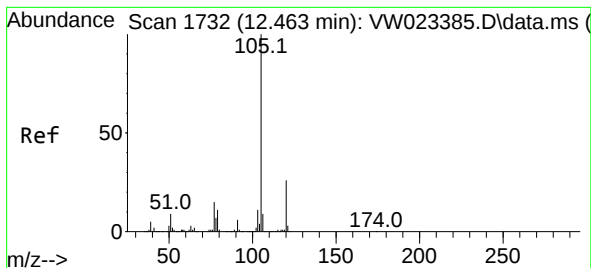
Ion Ratio Lower Upper

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

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

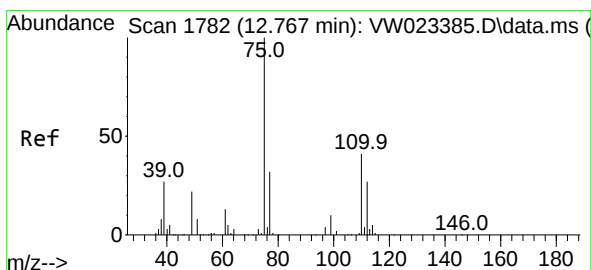
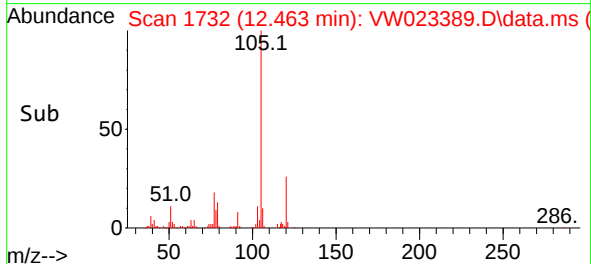
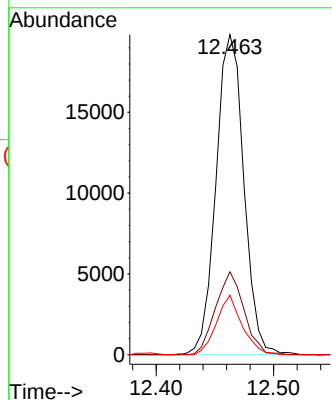
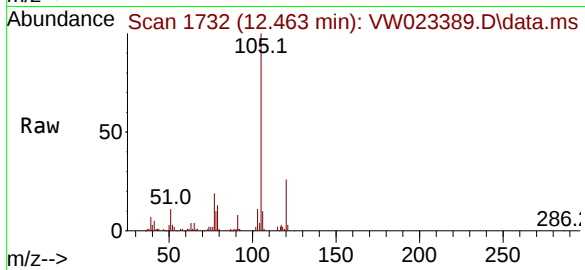
Tgt Ion:105 Resp: 32596

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# 1782

Delta R.T. 0.000 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

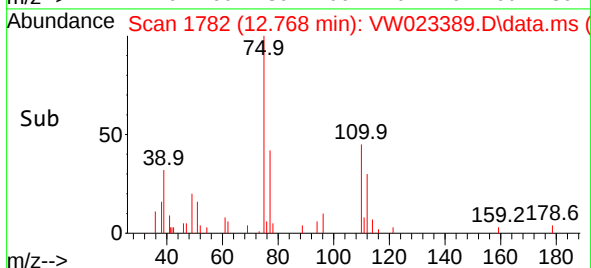
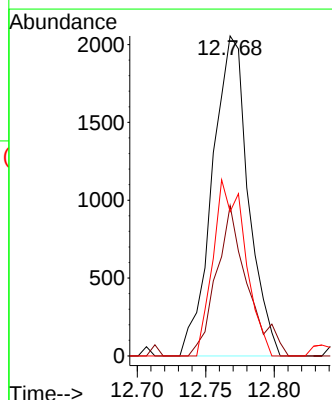
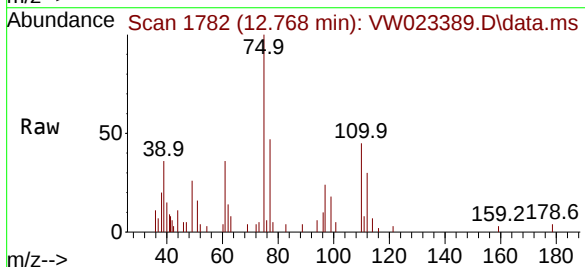
Tgt Ion: 75 Resp: 3757

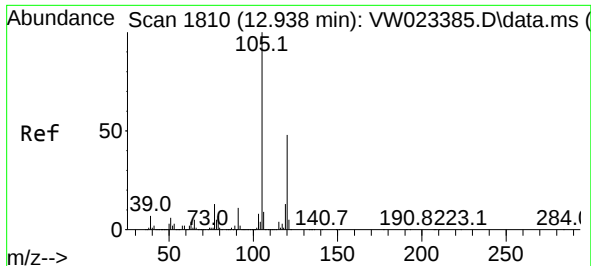
Ion Ratio Lower Upper

75 100

77 40.8 26.2 39.2#

110 49.1 34.1 51.1

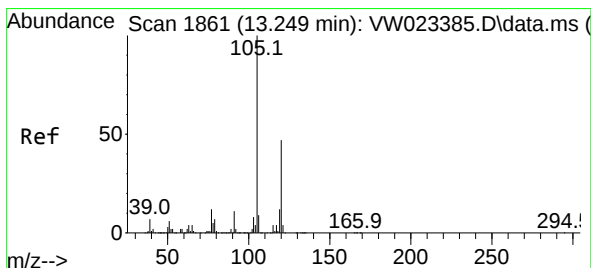
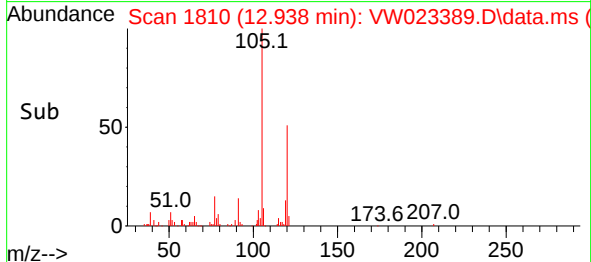
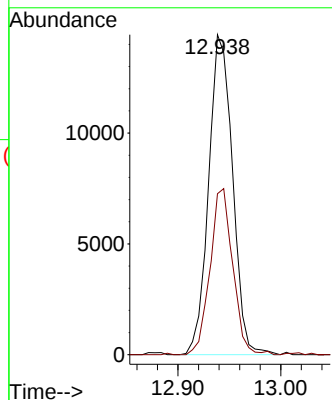
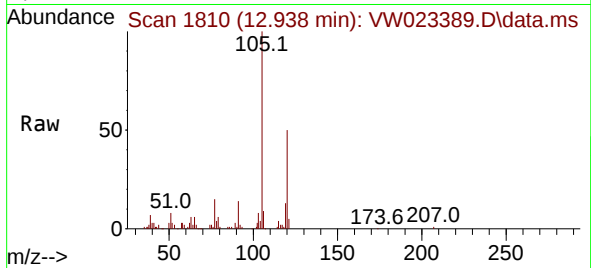




#62
 1,3,5-Trimethylbenzene
 Concen: 21.425 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

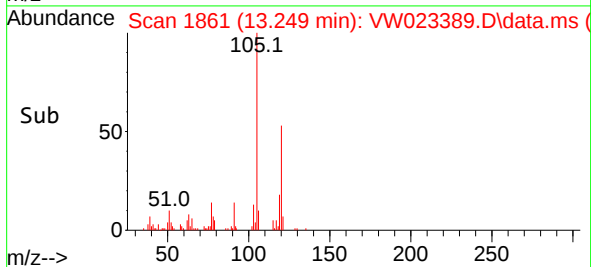
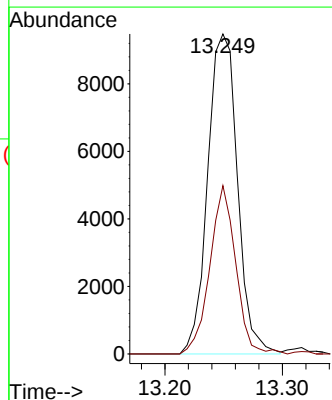
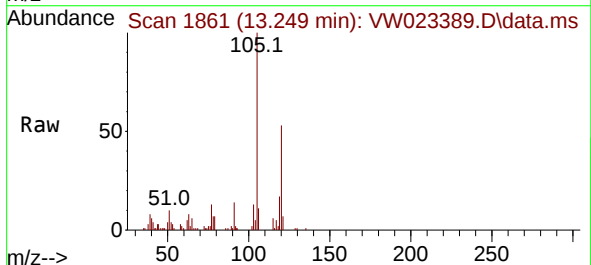
Instrument :
 MSVOA_W
 ClientSampleId :
 DBTY9REMSD

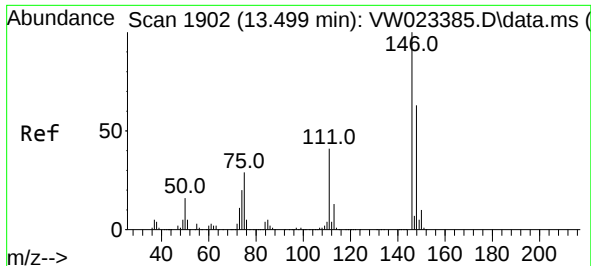
Tgt Ion:105 Resp: 23365
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 19.716 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023389.D
 Acq: 03 Jun 2022 10:43

Tgt Ion:105 Resp: 16693
 Ion Ratio Lower Upper
 105 100
 120 45.2 37.4 56.2

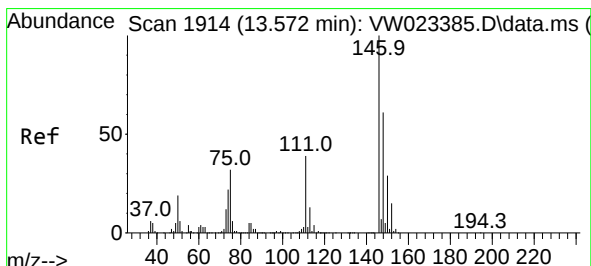
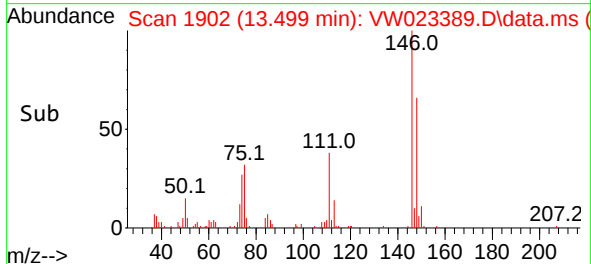
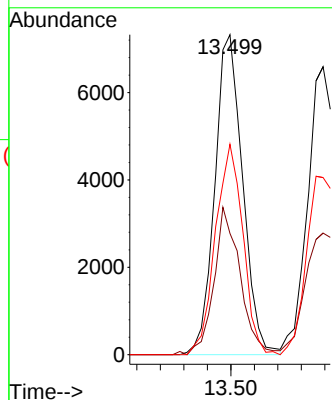
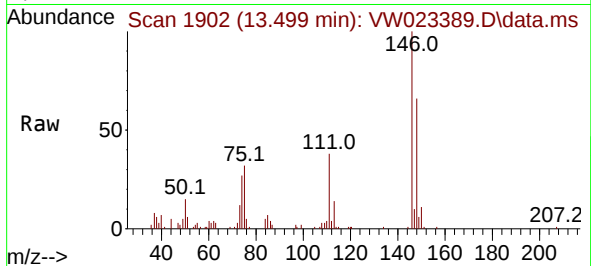




#64
1,3-Dichlorobenzene
Concen: 19.928 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

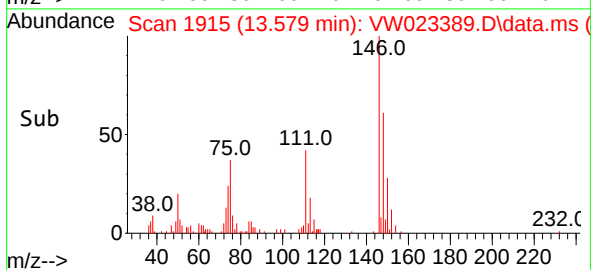
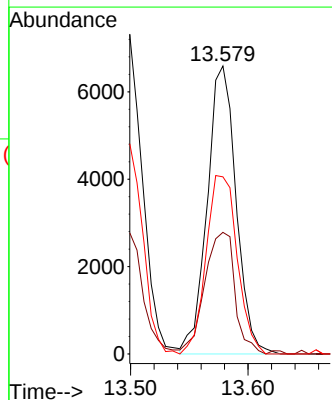
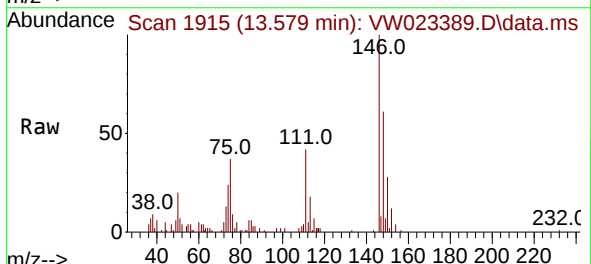
Instrument :
MSVOA_W
ClientSampleId :
DBTY9REMSD

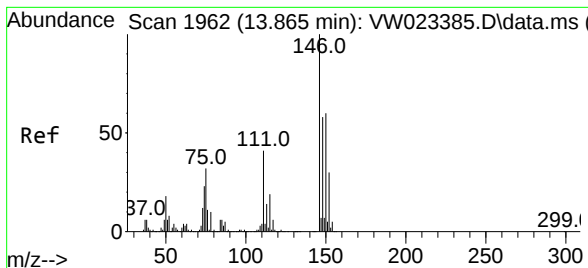
Tgt Ion:146 Resp: 12059
Ion Ratio Lower Upper
146 100
111 37.9 29.5 54.9
148 65.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 18.218 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023389.D
Acq: 03 Jun 2022 10:43

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# 1962

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

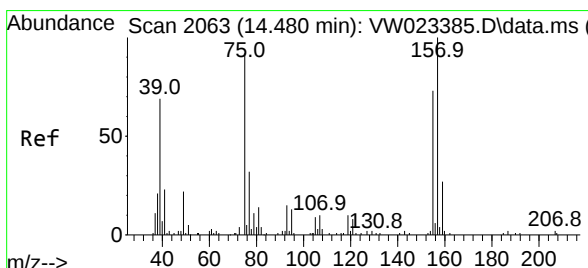
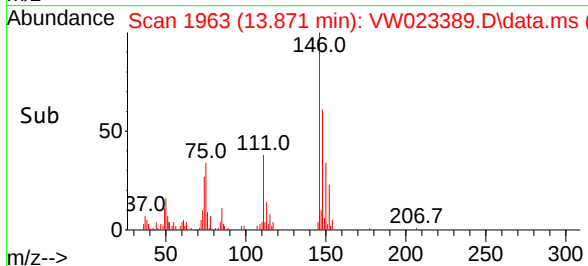
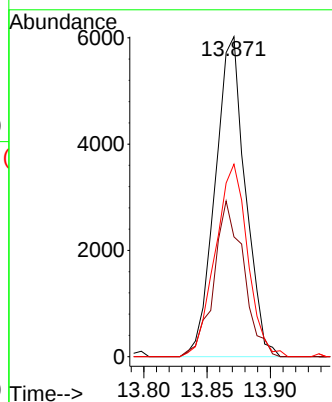
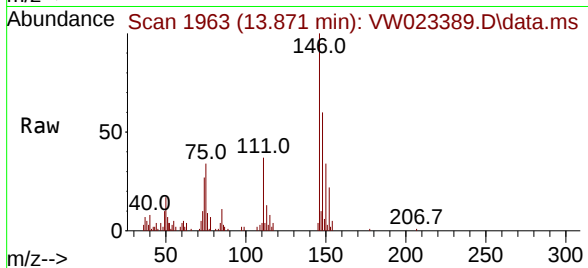
Tgt Ion:146 Resp: 9990

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: 9.677 ug/L m

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

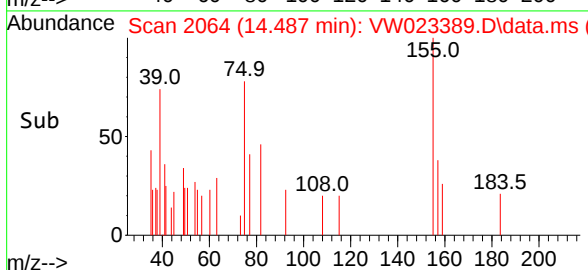
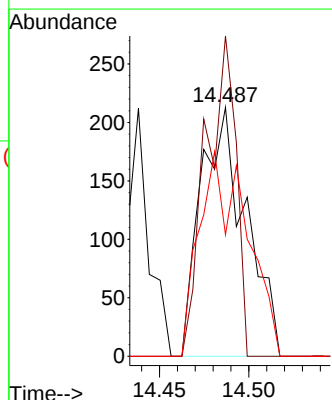
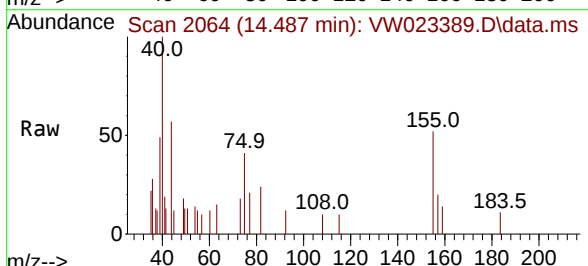
Tgt Ion: 75 Resp: 376

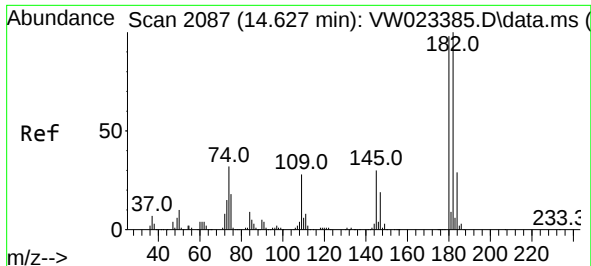
Ion Ratio Lower Upper

75 100

155 128.6 59.3 88.9#

157 48.8 89.8 134.8#





#69

1,3,5-Trichlorobenzene

Concen: 13.390 ug/L

RT: 14.621 min Scan# 2087

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: 5351

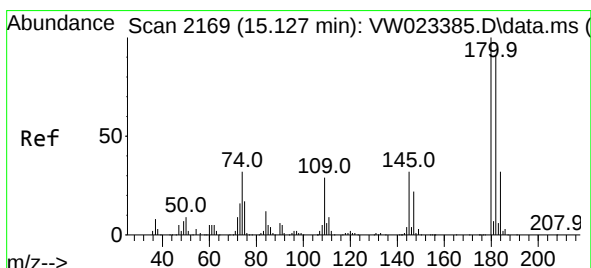
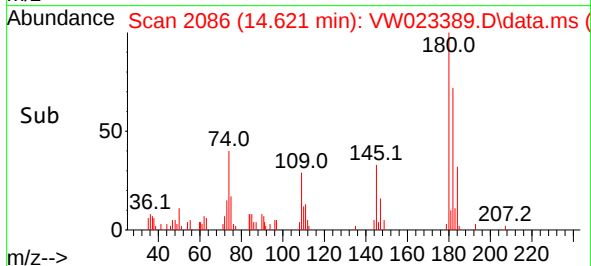
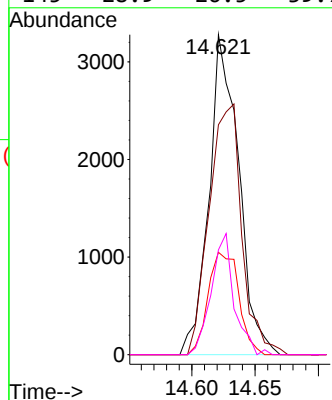
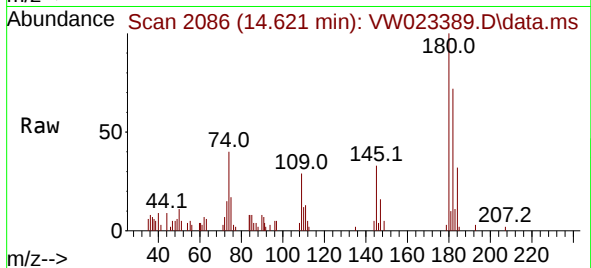
Ion Ratio Lower Upper

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

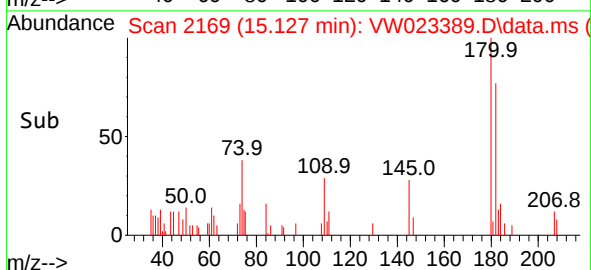
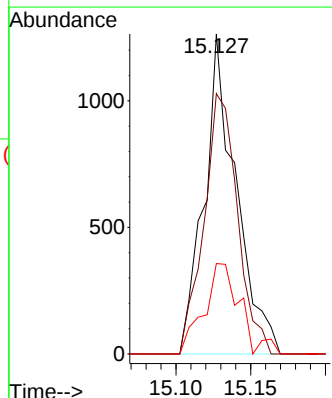
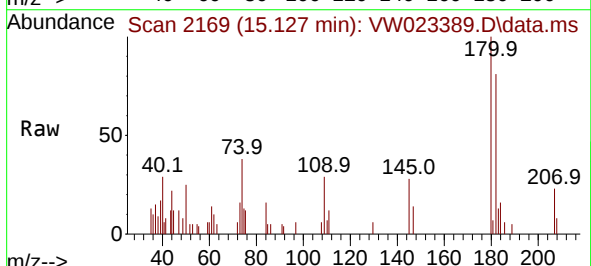
Tgt Ion:180 Resp: 1870

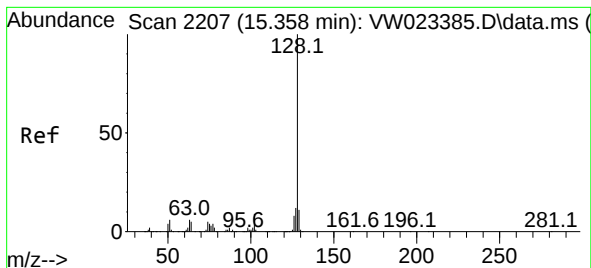
Ion Ratio Lower Upper

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# 2207

Delta R.T. 0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Instrument :

MSVOA_W

ClientSampleId :

DBTY9REMSD

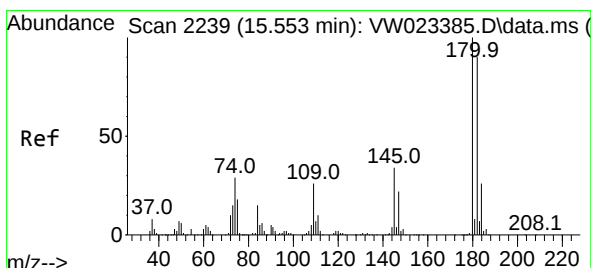
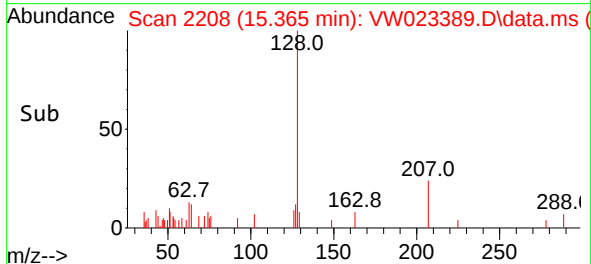
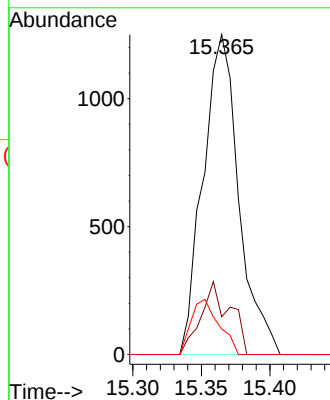
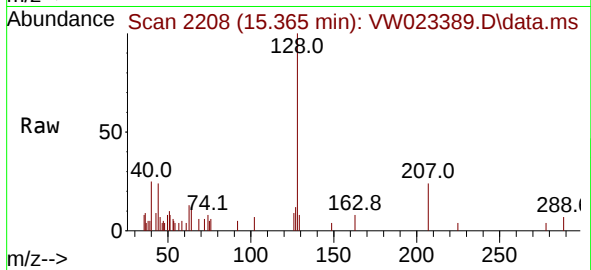
Tgt Ion:128 Resp: 2269

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: 1.459 ug/L m

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023389.D

Acq: 03 Jun 2022 10:43

Tgt Ion:180 Resp: 401

Ion Ratio Lower Upper

180 100

182 89.5 73.5 110.3

145 25.2 27.9 41.9#

