

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023394.D
 Acq On : 06 Jun 2022 09:00
 Operator : SY/VA
 Sample : VSTD2.513
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5413

Quant Time: Jun 06 11:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:11:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	413341	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	377573	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	16681	2.200	ug/L	0.00
7) Chloroethane-d5	2.891	69	10585	2.037	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	23682	2.152	ug/L	0.00
21) 2-Butanone-d5	7.317	46	79	0.052	ug/L	0.24
24) Chloroform-d	7.653	84	29108	2.203	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	15482	2.219	ug/L	0.00
32) Benzene-d6	8.281	84	53728	2.171	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	14383	2.029	ug/L	0.00
41) Toluene-d8	10.323	98	47308	1.972	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6124	1.931	ug/L	0.00
47) 2-Hexanone-d5	10.933	63	4153	3.649	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	13113	2.124	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16926	2.144	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	1841	1.116	ug/L #	66
3) Chloromethane	2.215	50	12484	2.399	ug/L	100
5) Vinyl chloride	2.367	62	18373	2.283	ug/L	96
6) Bromomethane	2.782	94	10639	2.798	ug/L	97
8) Chloroethane	2.922	64	7384	2.050	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	13530	2.463	ug/L #	85
12) 1,1-Dichloroethene	4.044	96	11591	2.414	ug/L	96
14) Carbon disulfide	4.385	76	35852	2.248	ug/L	96
16) Methylene chloride	4.922	84	19296	3.231	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	13821	2.468	ug/L	96
18) Methyl tert-butyl Ether	5.440	73	20191	2.441	ug/L #	87
19) 1,1-Dichloroethane	6.226	63	24056	2.536	ug/L	93
20) cis-1,2-Dichloroethene	7.177	96	14662	2.483	ug/L #	83
22) 2-Butanone	7.189	43	7111	5.088	ug/L	83
23) Bromochloromethane	7.513	128	7100	2.533	ug/L	89
25) Chloroform	7.683	83	26101	2.505	ug/L	97
27) 1,2-Dichloroethane	8.403	62	16063	2.379	ug/L #	92
29) Cyclohexane	7.964	56	18262	2.235	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	23013	2.605	ug/L	97
31) Carbon tetrachloride	8.067	117	20389	2.455	ug/L	98
33) Benzene	8.329	78	56185	2.556	ug/L	100
34) Trichloroethene	9.092	95	15836	2.660	ug/L	89
35) Methylcyclohexane	9.335	83	22595	2.291	ug/L	93
37) 1,2-Dichloropropane	9.372	63	13567	2.631	ug/L #	97
38) Bromodichloromethane	9.646	83	18297	2.499	ug/L #	93
39) cis-1,3-Dichloropropene	10.079	75	19045	2.323	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	14594	4.969	ug/L	100
42) Toluene	10.390	91	59747	2.442	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	16300	2.230	ug/L	94
45) 1,1,2-Trichloroethane	10.786	97	11037	2.606	ug/L	93
46) Tetrachloroethene	10.859	164	12181	2.568	ug/L	85
48) 2-Hexanone	10.975	43	7604	3.877	ug/L	94

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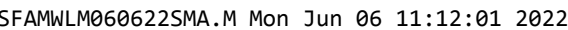
Instrument :
 MSVOA_W
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 VSTD2.5413

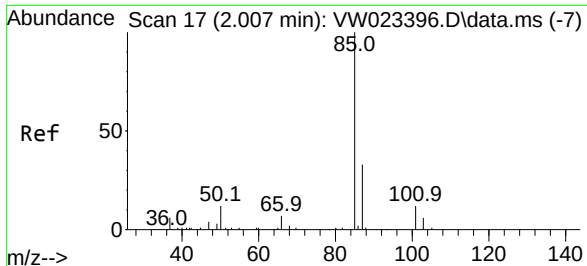
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	11.128	129	12193	2.348	ug/L	95
50) 1,2-Dibromoethane	11.231	107	9993	2.411	ug/L #	97
51) Chlorobenzene	11.658	112	40213	2.485	ug/L	94
52) Ethylbenzene	11.731	91	65077	2.420	ug/L	99
53) m,p-Xylene	11.841	106	23599	2.215	ug/L	97
54) o-Xylene	12.164	106	23056	2.260	ug/L	94
55) Styrene	12.182	104	38213	2.201	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	13295	2.655	ug/L	93
59) Bromoform	12.353	173	5909	2.210	ug/L #	95
60) Isopropylbenzene	12.463	105	59236	2.337	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	9173	2.762	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	46747	2.241	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	46621	2.728	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	28546	2.482	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	31251	2.648	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	26713	2.554	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	1908	2.590	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	18158	2.391	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	13642	2.276	ug/L	98
71) Naphthalene	15.359	128	22471	1.982	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	12292	2.349	ug/L	98

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

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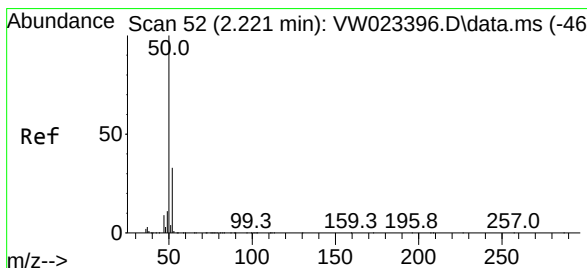
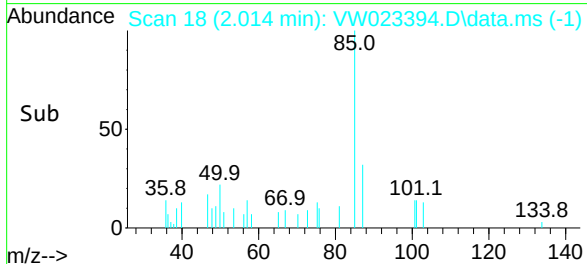
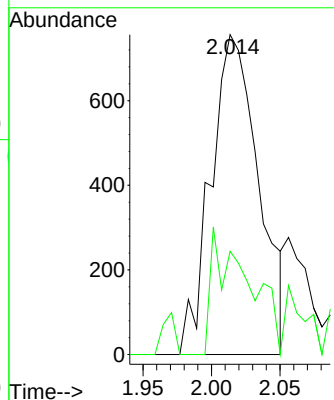
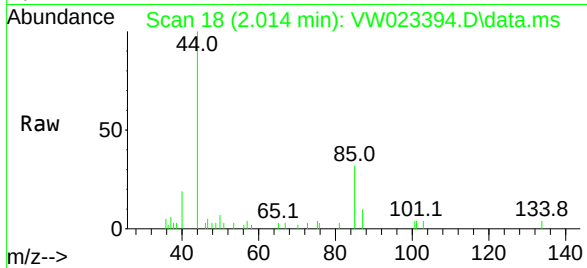




#2
Dichlorodifluoromethane
Concen: 1.116 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

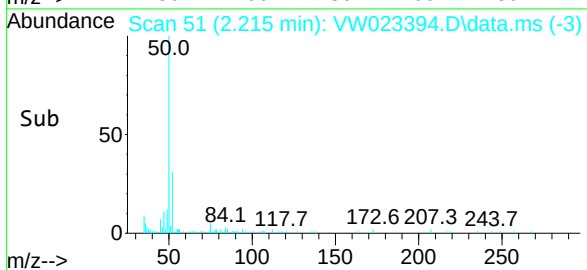
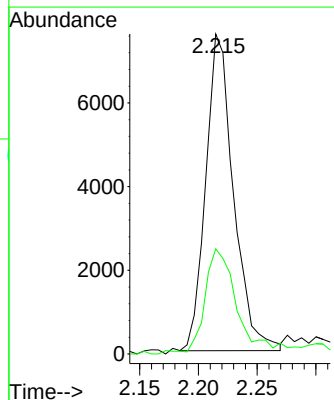
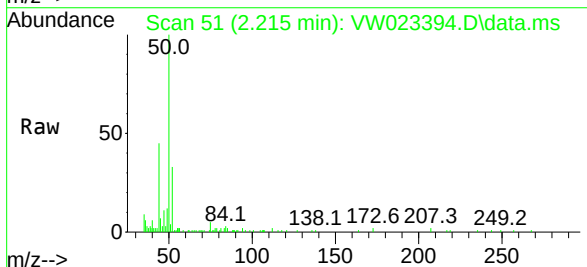
Instrument :
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ClientSampleId :
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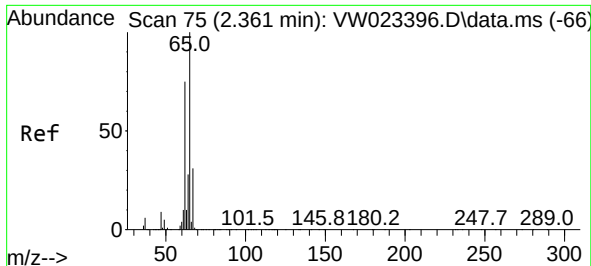
Tgt Ion: 85 Resp: 1841
Ion Ratio Lower Upper
85 100
87 15.2 27.8 41.8#



#3
Chloromethane
Concen: 2.399 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 50 Resp: 12484
Ion Ratio Lower Upper
50 100
52 32.9 23.1 42.9

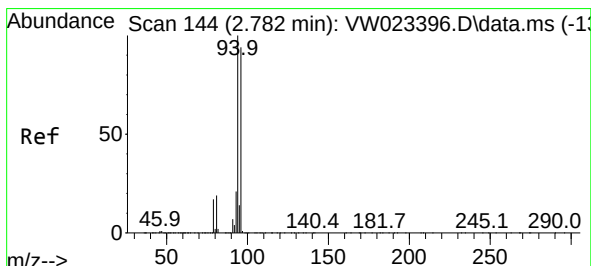
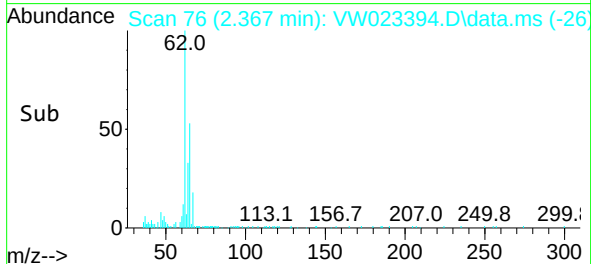
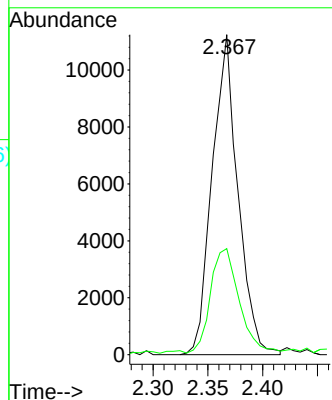
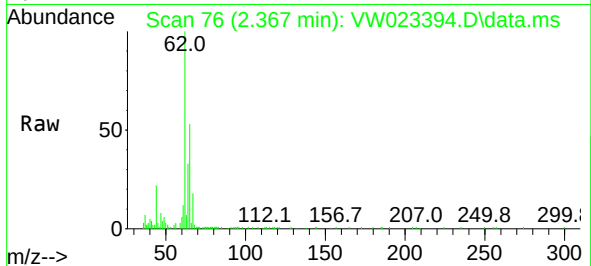




#5
 Vinyl chloride
 Concen: 2.283 ug/L
 RT: 2.367 min Scan# 75
 Delta R.T. 0.006 min
 Lab File: VW023394.D
 Acq: 06 Jun 2022 09:00

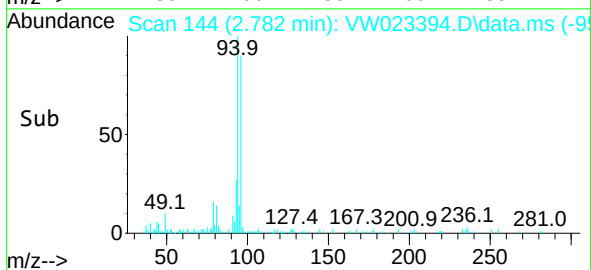
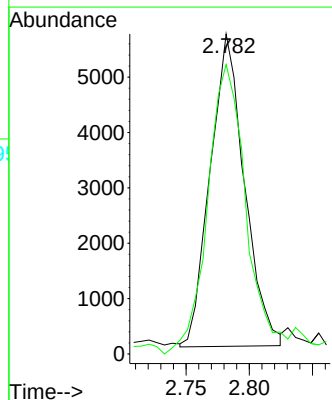
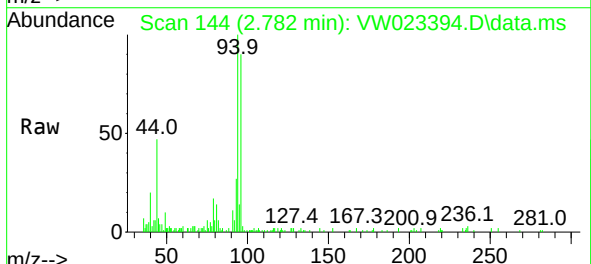
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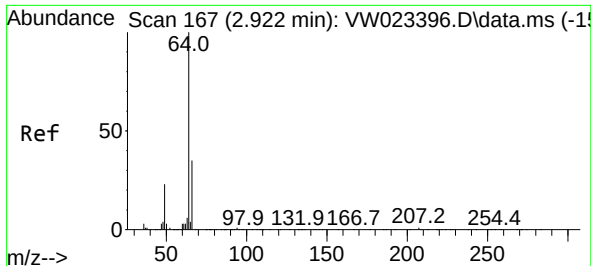
Tgt Ion: 62 Resp: 18373
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.9 46.3



#6
 Bromomethane
 Concen: 2.798 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023394.D
 Acq: 06 Jun 2022 09:00

Tgt Ion: 94 Resp: 10639
 Ion Ratio Lower Upper
 94 100
 96 90.4 61.7 114.5

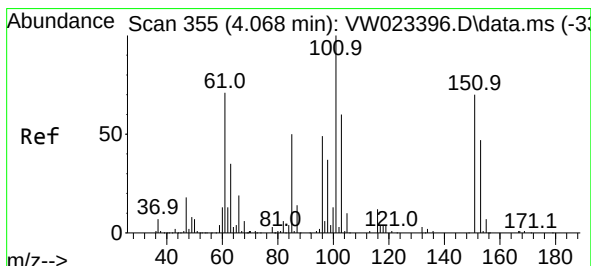
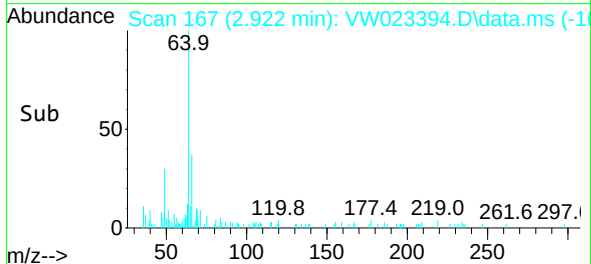
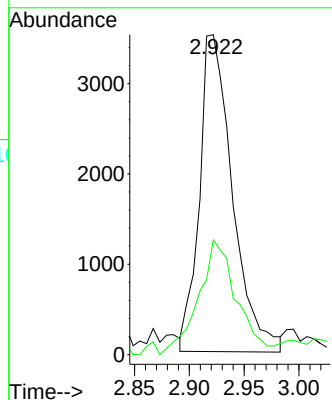
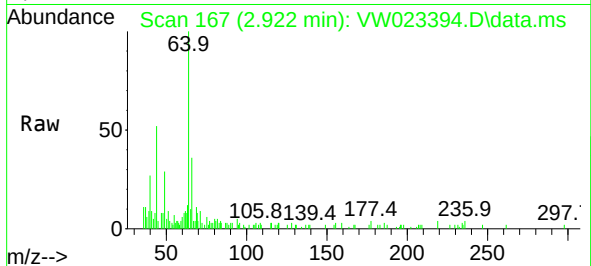




#8
Chloroethane
Concen: 2.050 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

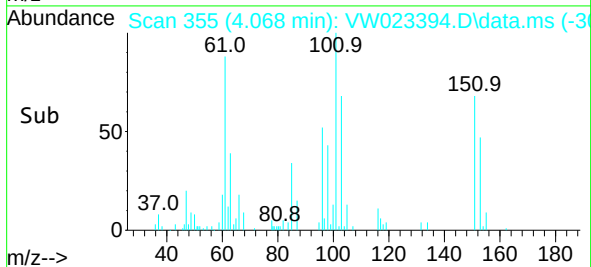
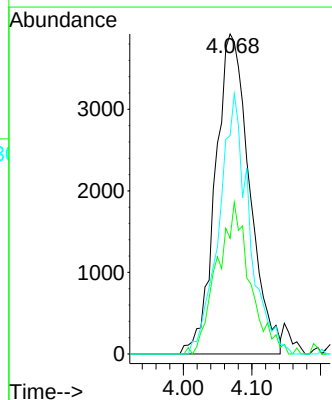
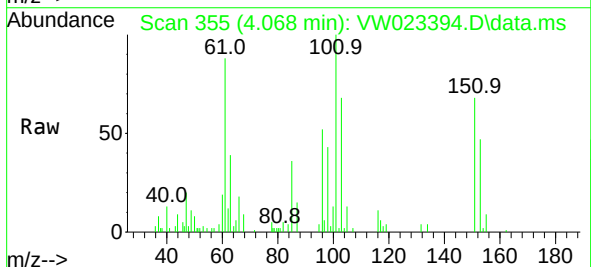
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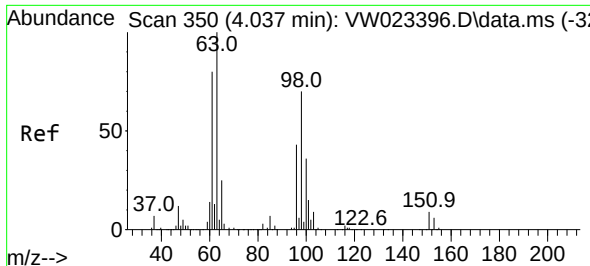
Tgt Ion: 64 Resp: 7384
Ion Ratio Lower Upper
64 100
66 35.9 23.4 43.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.463 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 101 Resp: 13530
Ion Ratio Lower Upper
101 100
85 24.4 34.3 51.5#
151 72.1 54.2 81.2

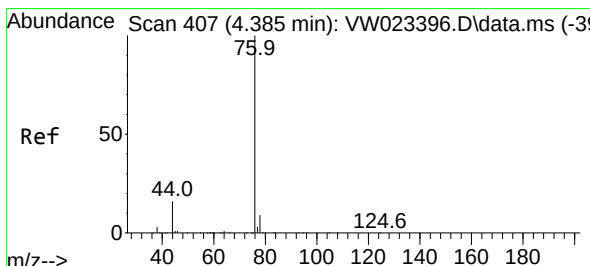
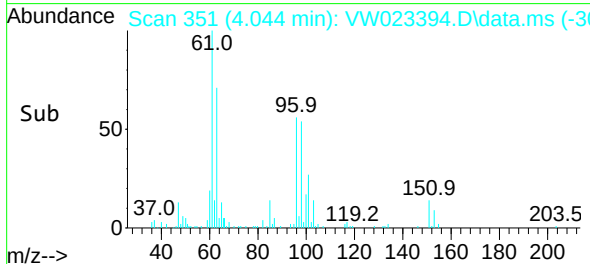
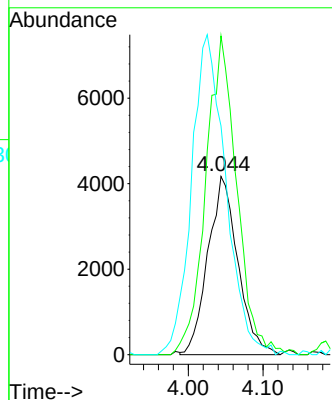
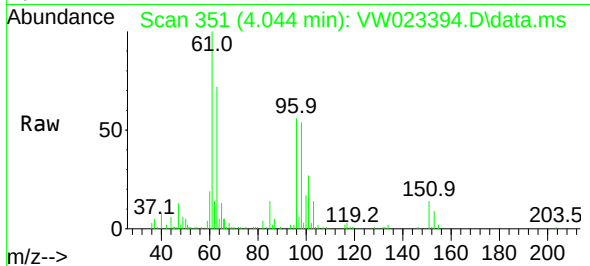




#12
1,1-Dichloroethene
Concen: 2.414 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

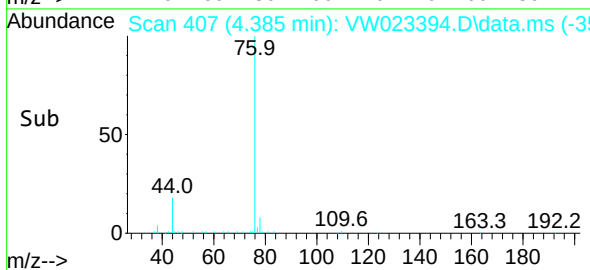
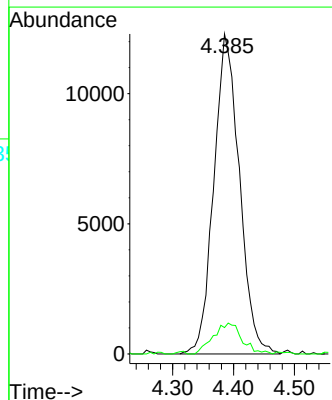
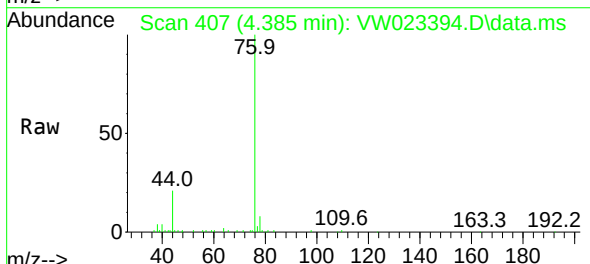
Instrument :
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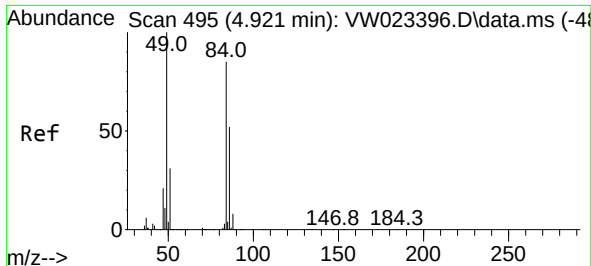
Tgt Ion: 96 Resp: 11591
Ion Ratio Lower Upper
96 100
61 178.7 125.7 233.5
63 128.3 83.4 155.0



#14
Carbon disulfide
Concen: 2.248 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 76 Resp: 35852
Ion Ratio Lower Upper
76 100
78 8.2 7.7 11.5

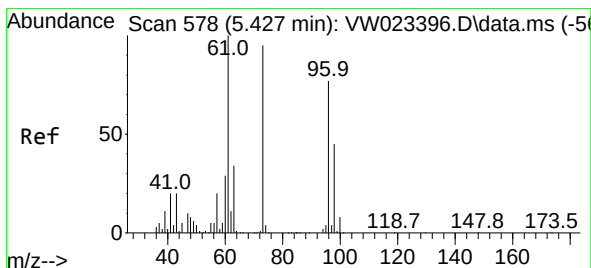
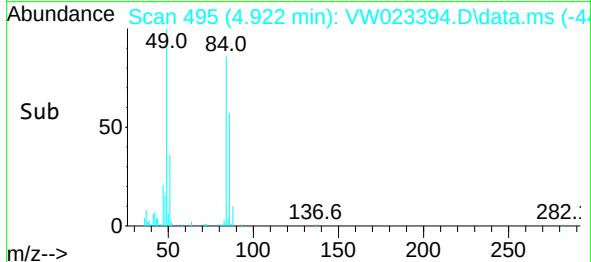
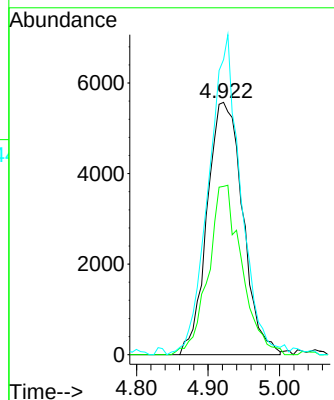
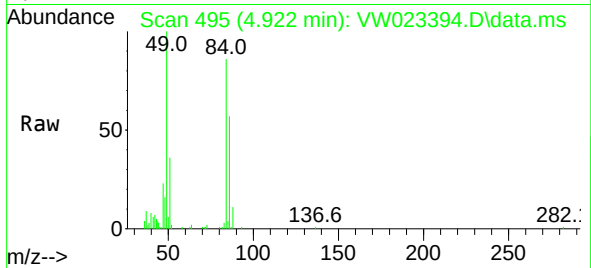




#16
Methylene chloride
Concen: 3.231 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

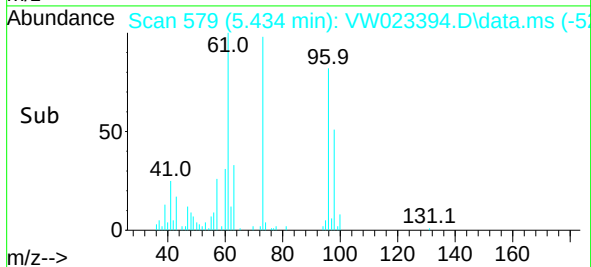
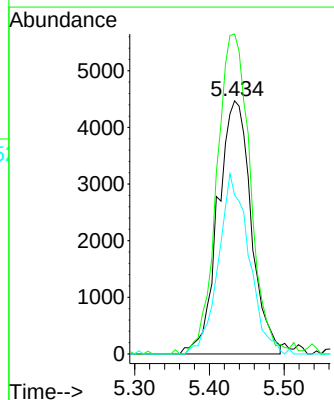
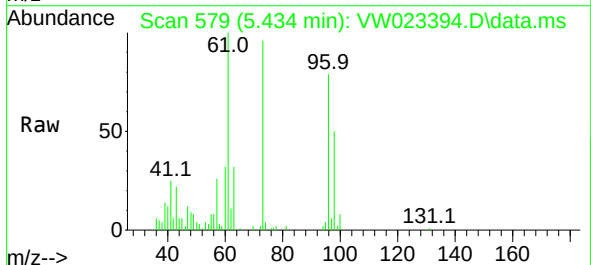
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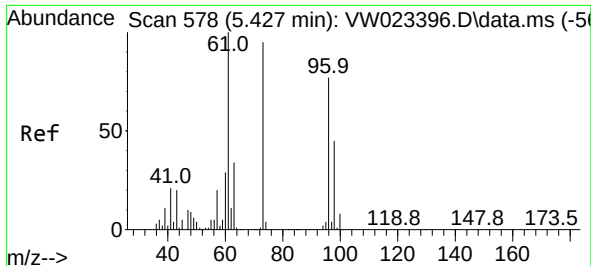
Tgt Ion: 84 Resp: 19296
Ion Ratio Lower Upper
84 100
86 66.7 45.4 84.4
49 117.0 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 2.468 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 96 Resp: 13821
Ion Ratio Lower Upper
96 100
61 126.4 92.2 171.2
98 62.8 42.9 79.7

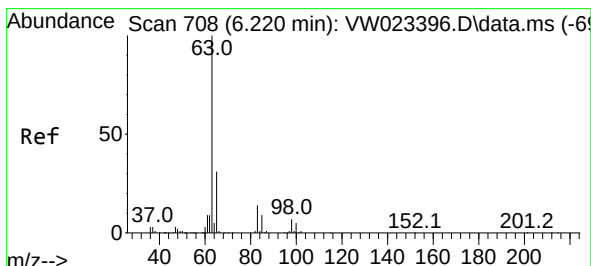
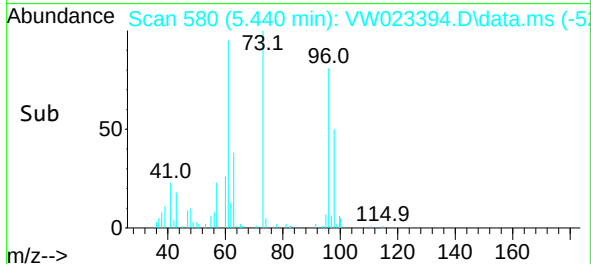
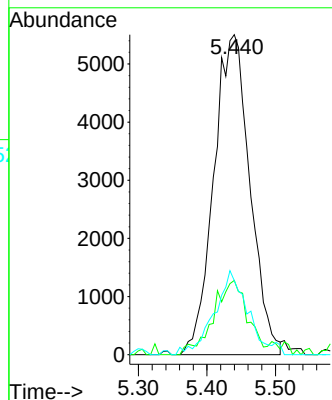
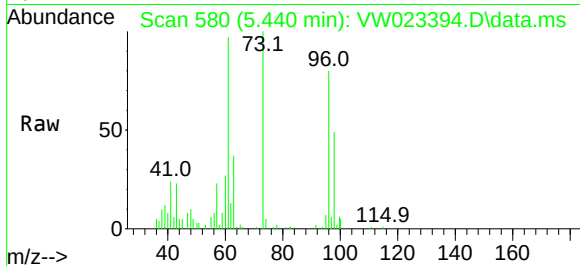




#18
Methyl tert-butyl Ether
Concen: 2.441 ug/L
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

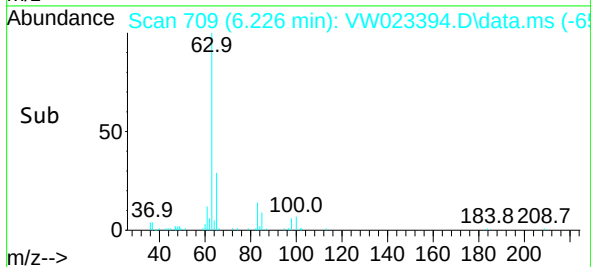
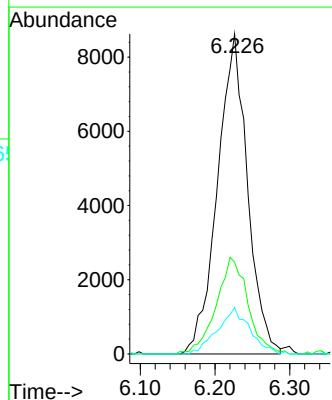
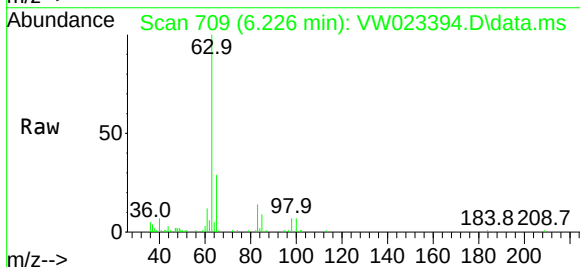
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ClientSampleId :
VSTD2.5413

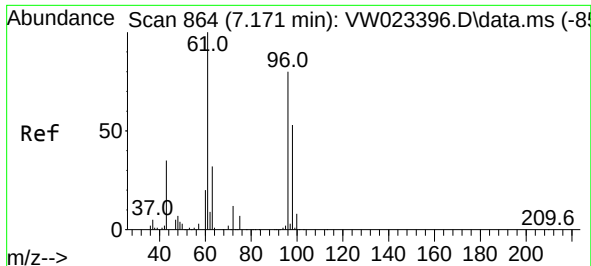
Tgt Ion: 73 Resp: 20191
Ion Ratio Lower Upper
73 100
43 11.2 15.9 23.9#
57 23.7 16.5 24.7



#19
1,1-Dichloroethane
Concen: 2.536 ug/L
RT: 6.226 min Scan# 709
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 63 Resp: 24056
Ion Ratio Lower Upper
63 100
65 28.7 23.3 43.3
83 14.5 11.1 20.5

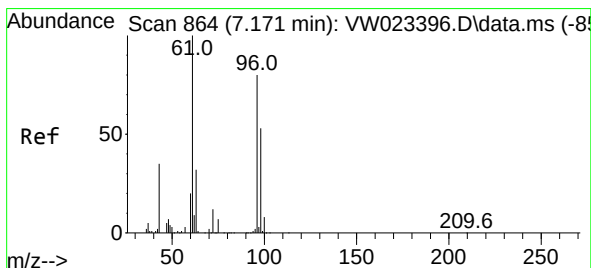
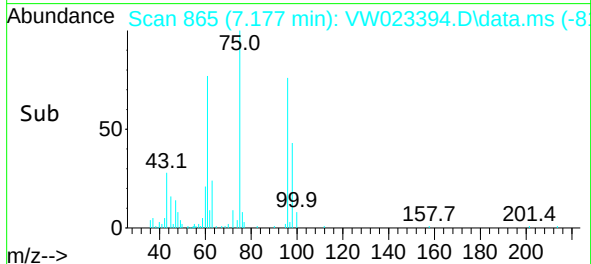
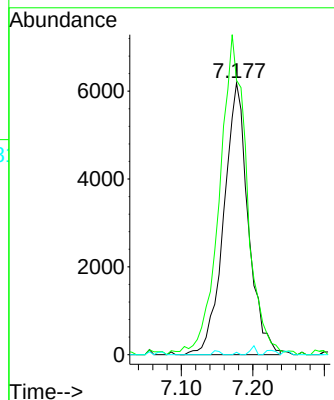
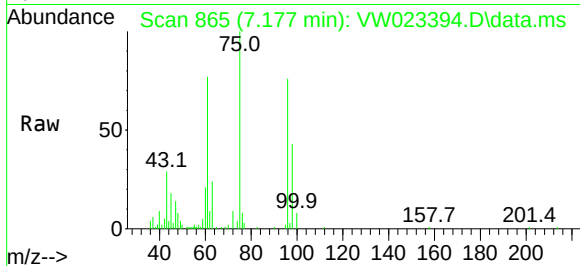




#20
 cis-1,2-Dichloroethene
 Concen: 2.483 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023394.D
 Acq: 06 Jun 2022 09:00

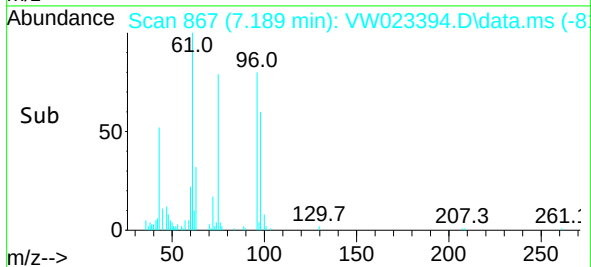
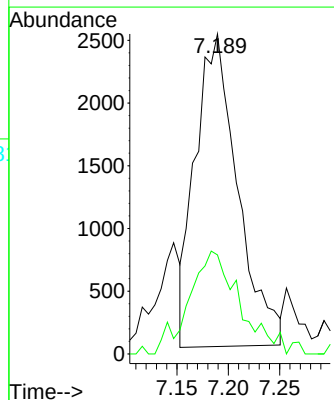
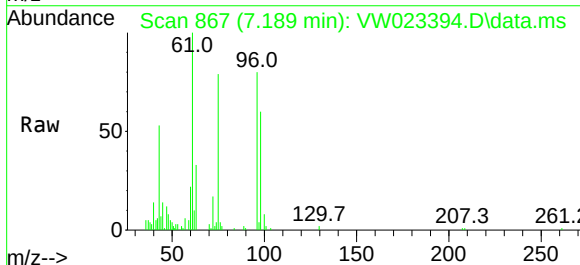
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5413

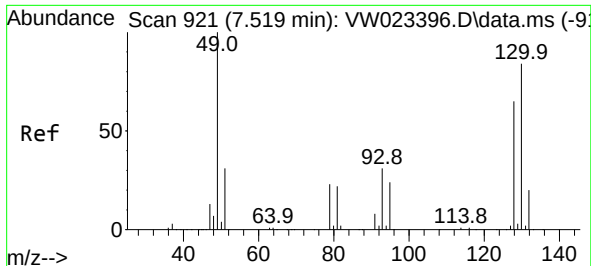
Tgt Ion: 96 Resp: 14662
 Ion Ratio Lower Upper
 96 100
 61 101.0 84.2 156.4
 68 0.9 0.1 0.1#



#22
 2-Butanone
 Concen: 5.088 ug/L
 RT: 7.189 min Scan# 867
 Delta R.T. 0.018 min
 Lab File: VW023394.D
 Acq: 06 Jun 2022 09:00

Tgt Ion: 43 Resp: 7111
 Ion Ratio Lower Upper
 43 100
 72 21.0 15.1 45.3

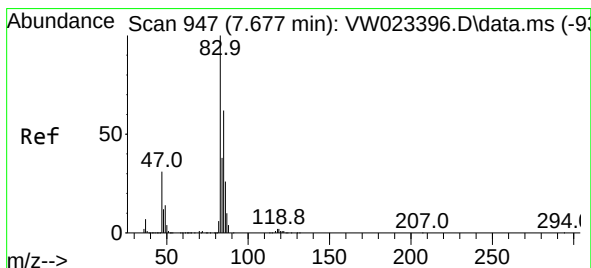
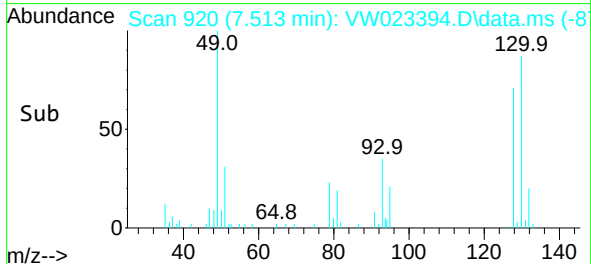
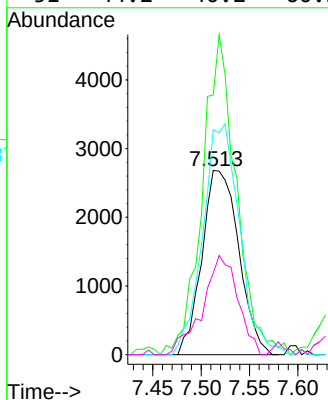
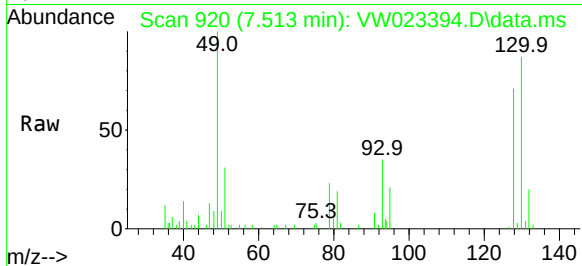




#23
Bromochloromethane
Concen: 2.533 ug/L
RT: 7.513 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

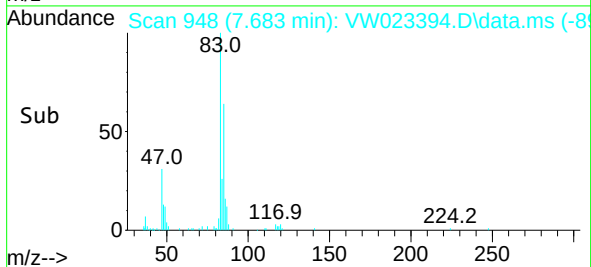
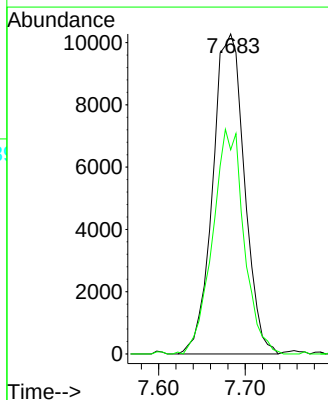
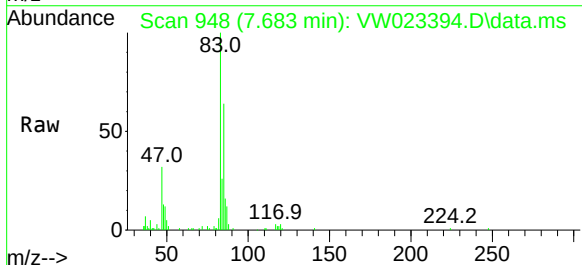
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

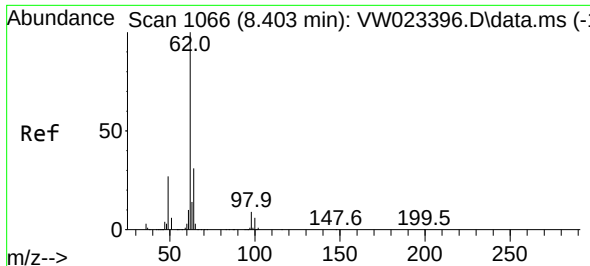
Tgt Ion:	128	Resp:	7100
Ion	Ratio	Lower	Upper
128	100		
49	141.1	110.0	204.4
130	122.1	94.8	176.0
51	44.2	40.2	60.2



#25
Chloroform
Concen: 2.505 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion:	83	Resp:	26101
Ion	Ratio	Lower	Upper
83	100		
85	63.8	46.6	86.6





#27

1,2-Dichloroethane

Concen: 2.379 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

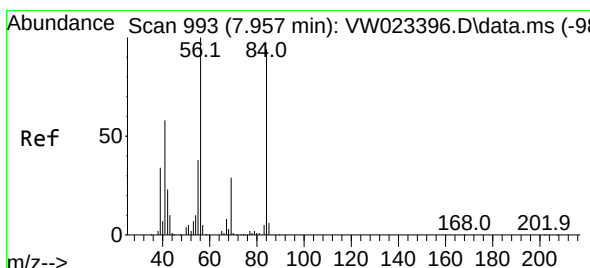
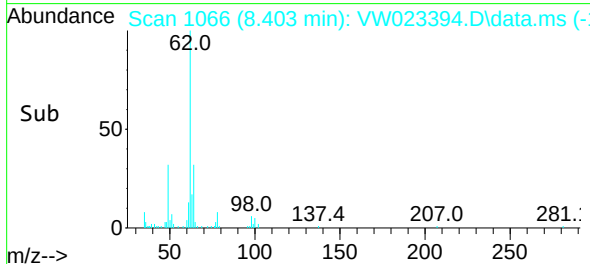
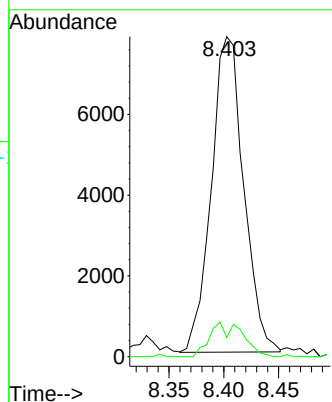
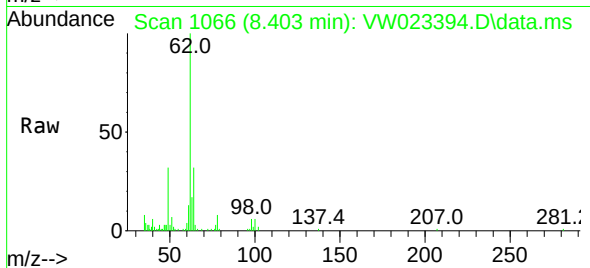
VSTD2.5413

Tgt Ion: 62 Resp: 16063

Ion Ratio Lower Upper

62 100

98 6.0 7.2 10.8#



#29

Cyclohexane

Concen: 2.235 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.006 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

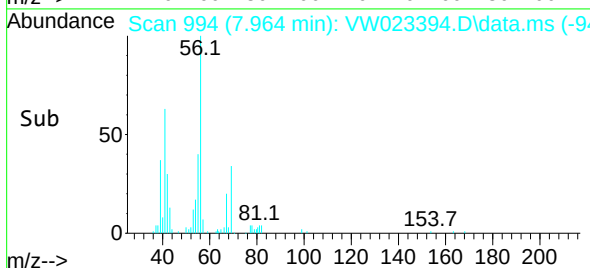
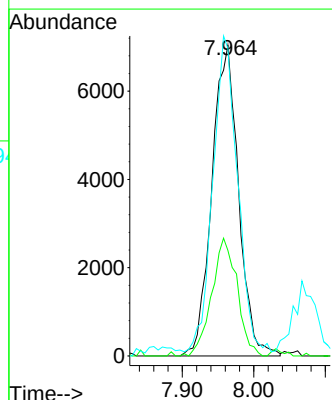
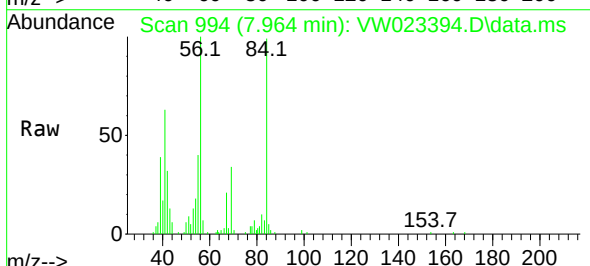
Tgt Ion: 56 Resp: 18262

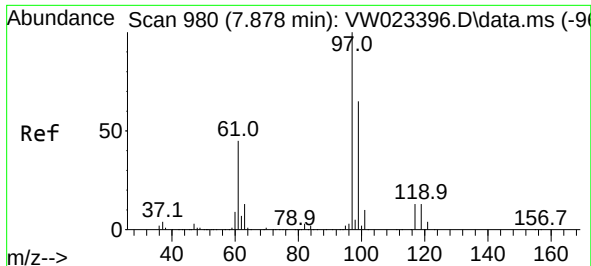
Ion Ratio Lower Upper

56 100

69 35.9 25.6 38.4

84 96.6 78.2 117.4





#30

1,1,1-Trichloroethane

Concen: 2.605 ug/L

RT: 7.872 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5413

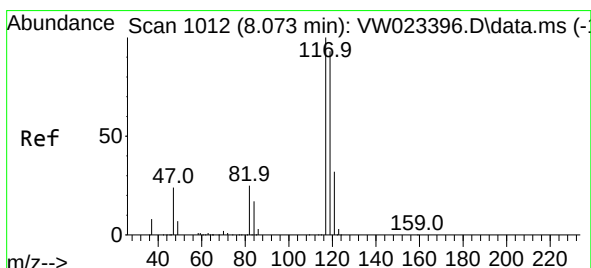
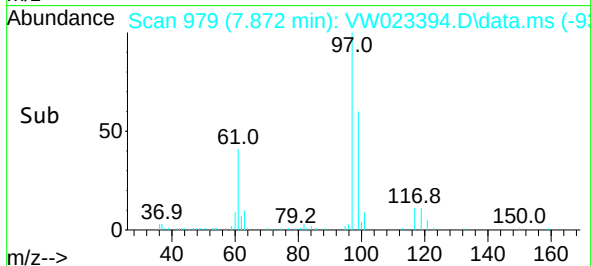
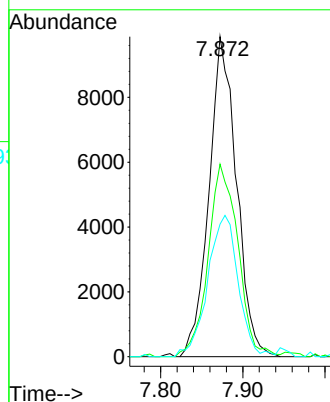
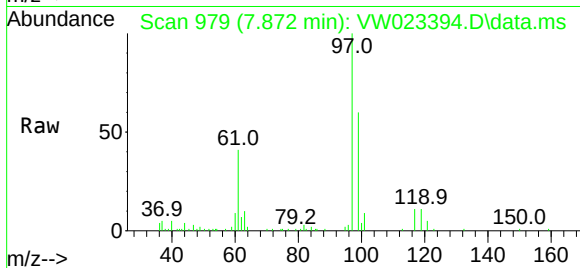
Tgt Ion: 97 Resp: 23013

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 48.3 34.8 52.2



#31

Carbon tetrachloride

Concen: 2.455 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023394.D

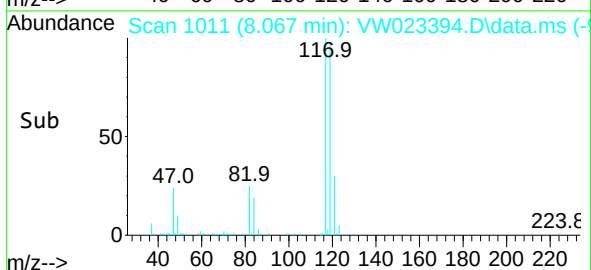
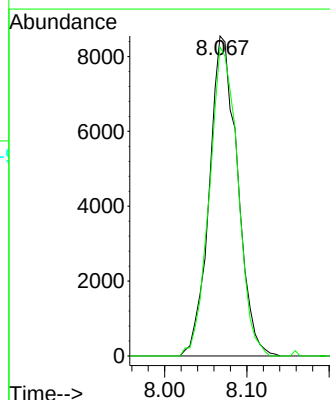
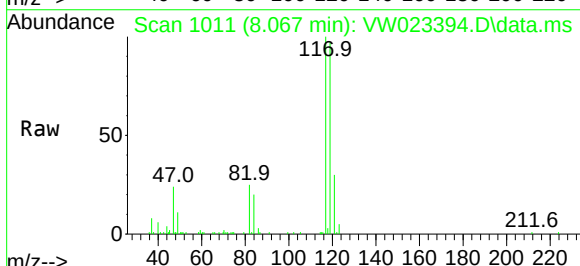
Acq: 06 Jun 2022 09:00

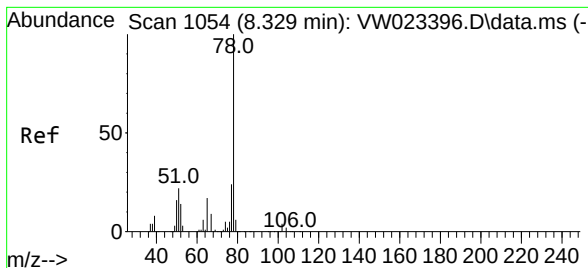
Tgt Ion: 117 Resp: 20389

Ion Ratio Lower Upper

117 100

119 97.3 76.6 115.0





#33

Benzene

Concen: 2.556 ug/L

RT: 8.329 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

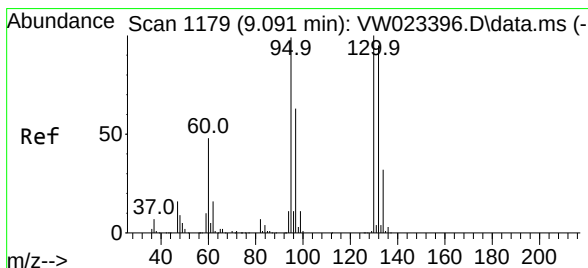
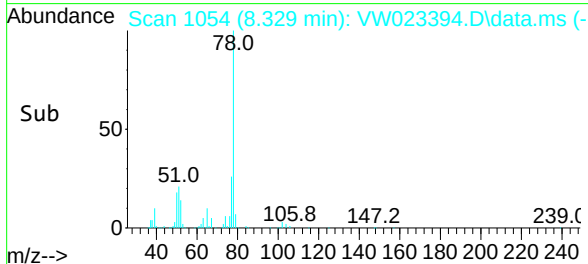
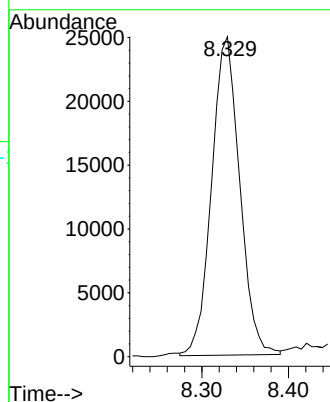
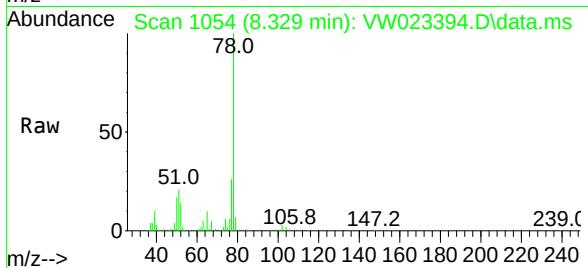
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5413

Tgt Ion: 78 Resp: 56185



#34

Trichloroethene

Concen: 2.660 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Tgt Ion: 95 Resp: 15836

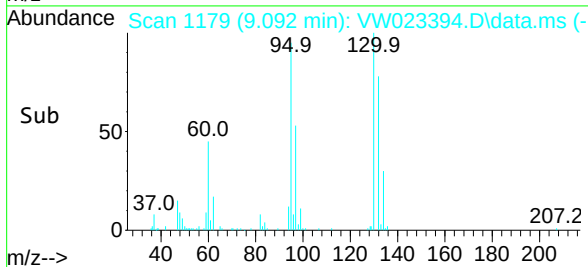
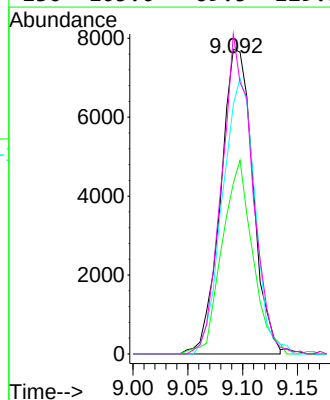
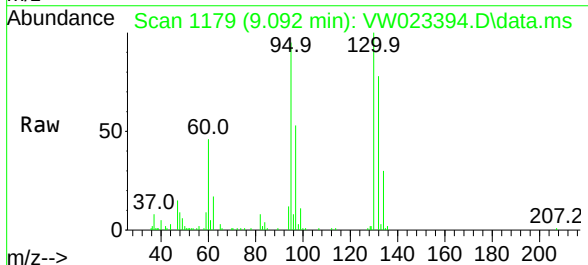
Ion Ratio Lower Upper

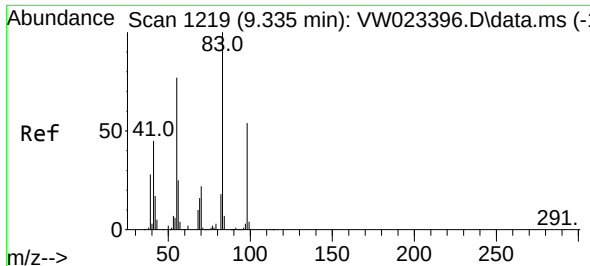
95 100

97 55.9 46.1 85.7

132 81.8 66.9 124.3

130 105.0 69.5 129.1

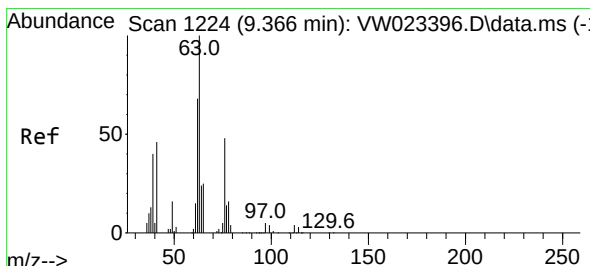
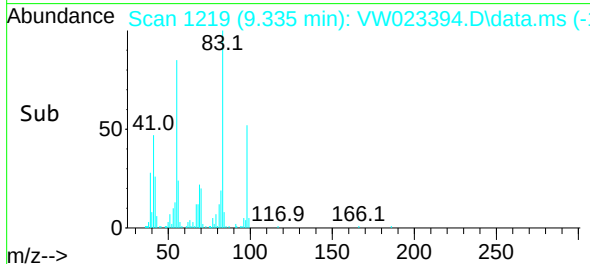
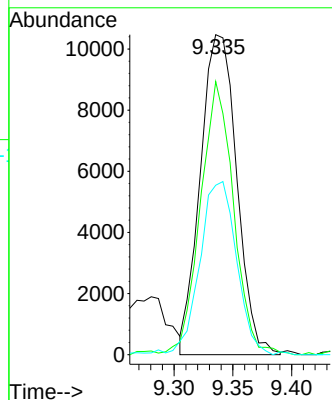
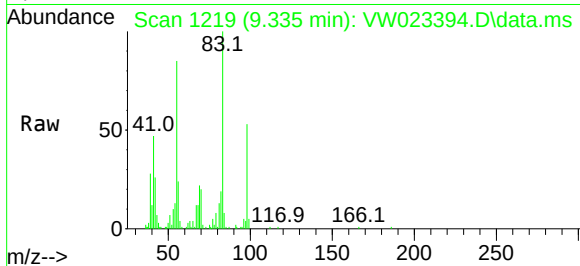




#35
Methylcyclohexane
Concen: 2.291 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

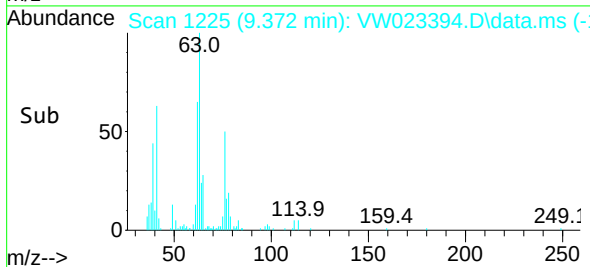
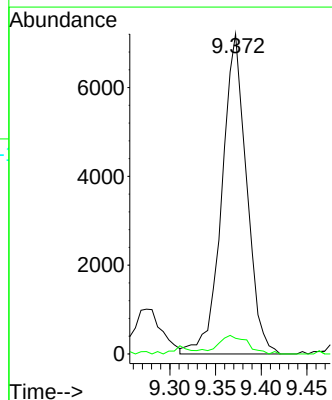
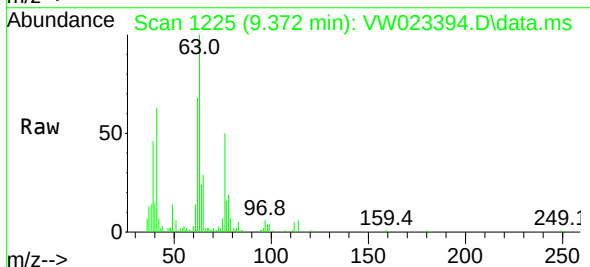
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

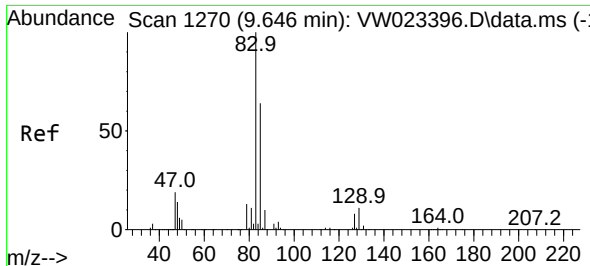
Tgt Ion: 83 Resp: 22595
Ion Ratio Lower Upper
83 100
55 75.3 55.1 82.7
98 54.1 40.4 60.6



#37
1,2-Dichloropropane
Concen: 2.631 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 63 Resp: 13567
Ion Ratio Lower Upper
63 100
112 3.7 3.8 5.8#

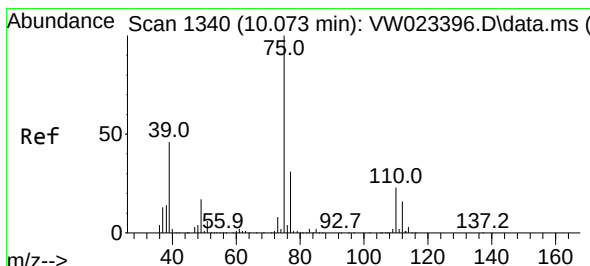
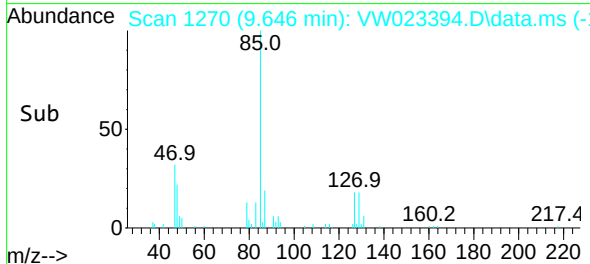
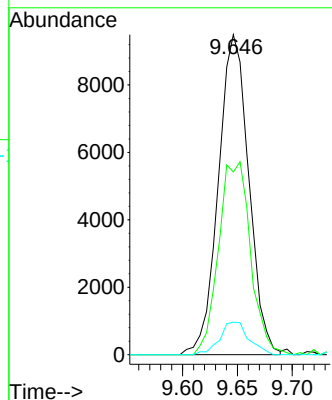
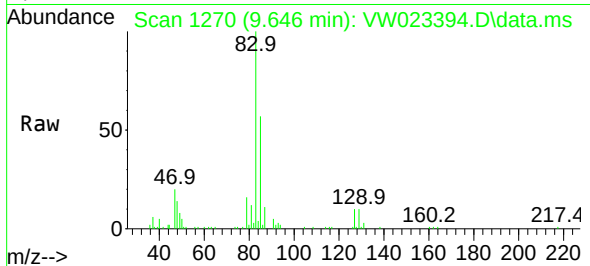




#38
Bromodichloromethane
Concen: 2.499 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

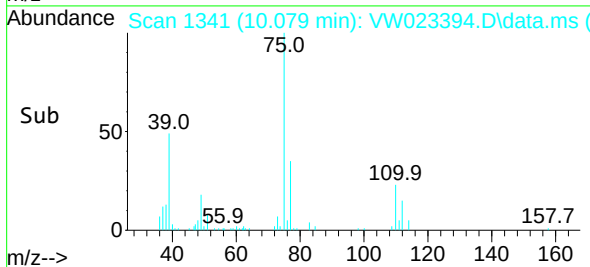
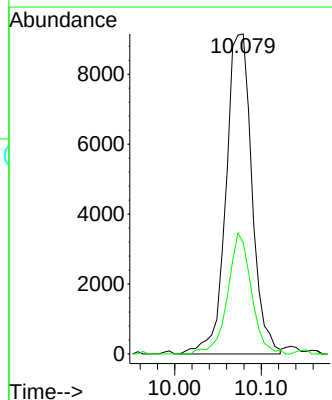
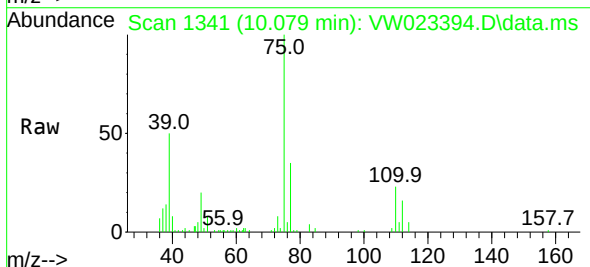
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

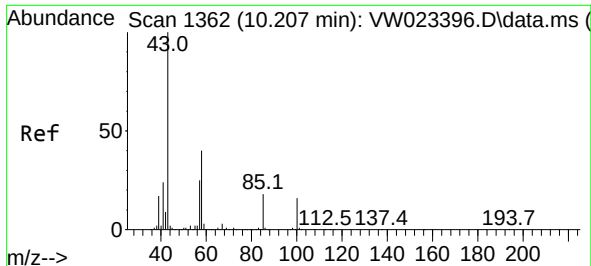
Tgt Ion: 83 Resp: 18297
Ion Ratio Lower Upper
83 100
85 57.1 43.5 80.7
127 11.5 7.1 10.7#



#39
cis-1,3-Dichloropropene
Concen: 2.323 ug/L
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 75 Resp: 19045
Ion Ratio Lower Upper
75 100
77 34.7 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 4.969 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5413

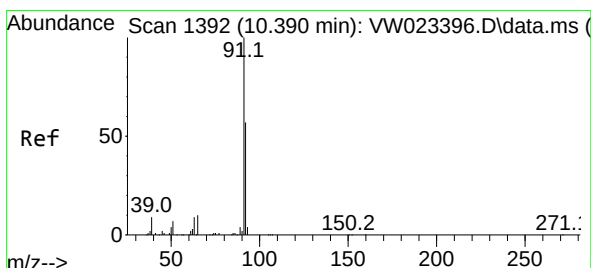
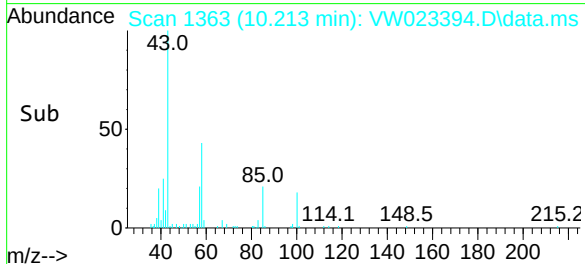
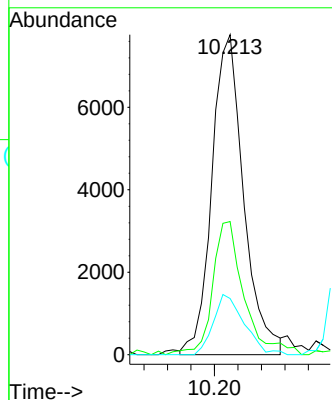
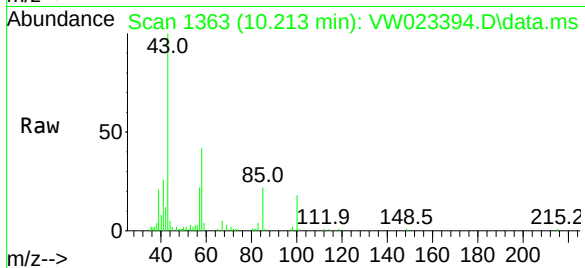
Tgt Ion: 43 Resp: 14594

Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.2

100 17.7 14.2 21.4



#42

Toluene

Concen: 2.442 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW023394.D

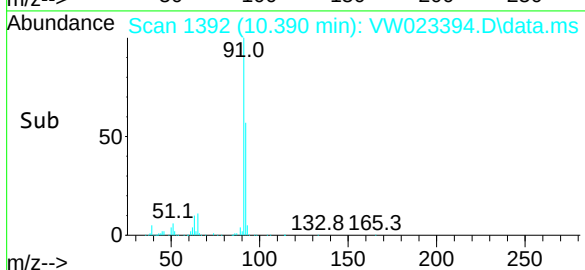
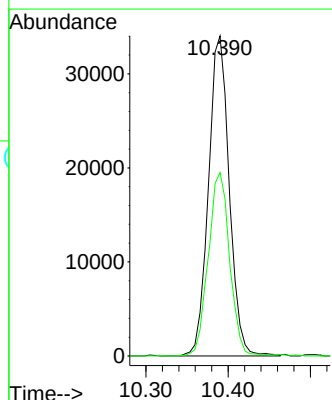
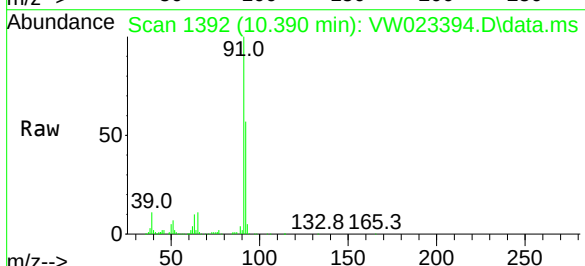
Acq: 06 Jun 2022 09:00

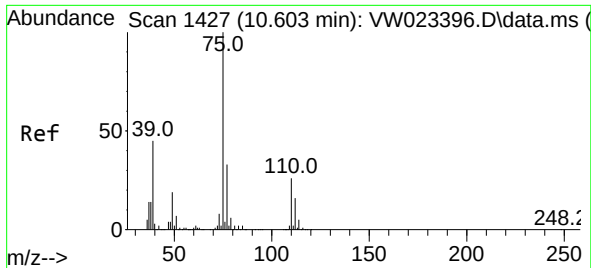
Tgt Ion: 91 Resp: 59747

Ion Ratio Lower Upper

91 100

92 57.3 41.6 77.2

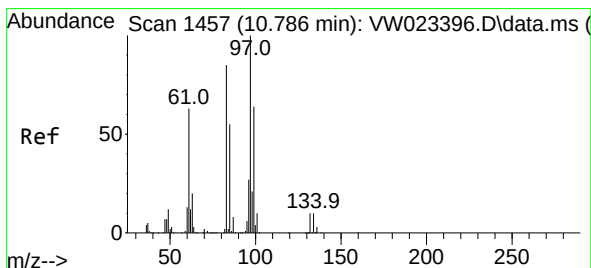
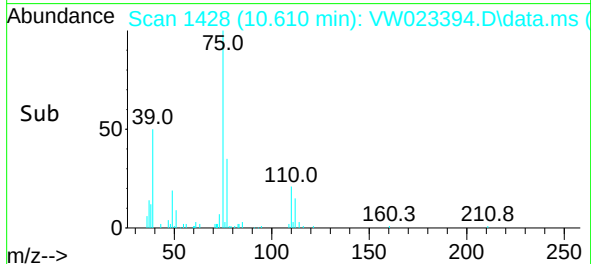
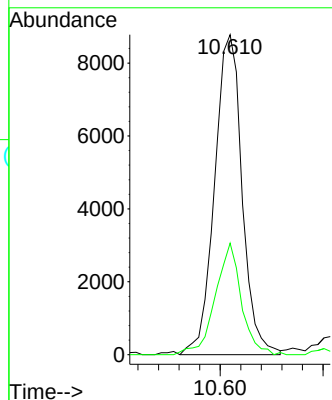
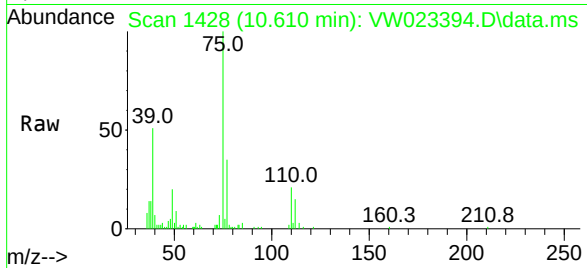




#44
trans-1,3-Dichloropropene
Concen: 2.230 ug/L
RT: 10.610 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

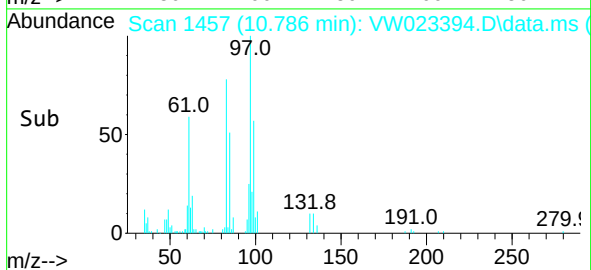
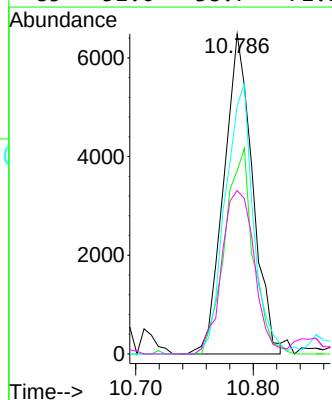
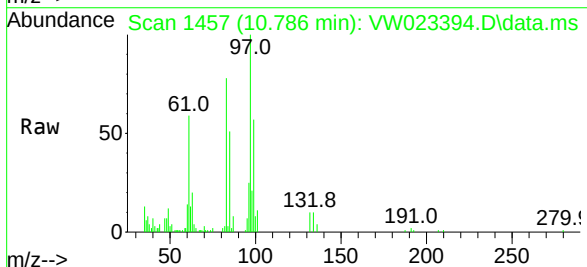
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

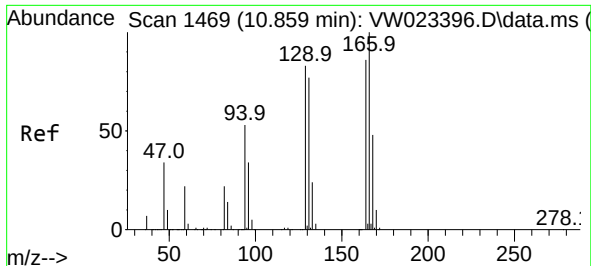
Tgt Ion: 75 Resp: 16300
Ion Ratio Lower Upper
75 100
77 34.9 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 2.606 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 97 Resp: 11037
Ion Ratio Lower Upper
97 100
99 57.2 44.7 82.9
83 77.5 58.4 108.4
85 51.0 38.7 71.9

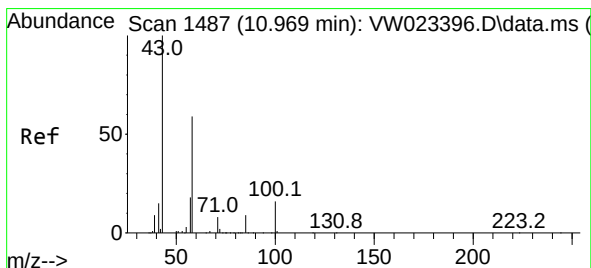
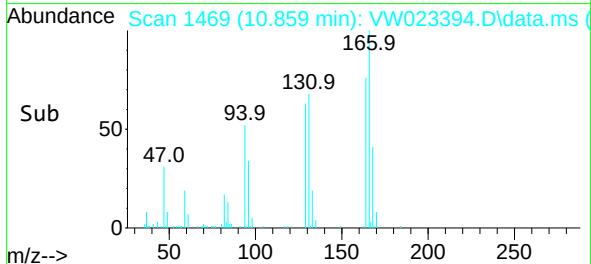
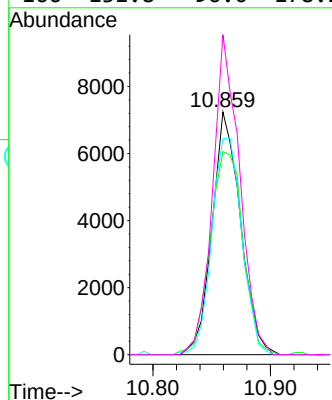
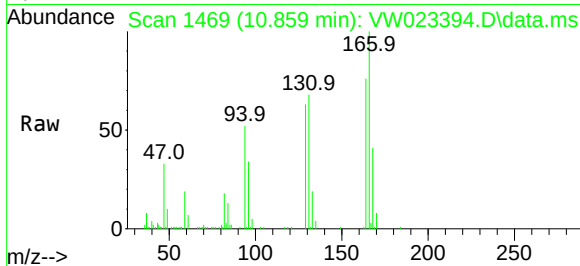




#46
Tetrachloroethene
Concen: 2.568 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

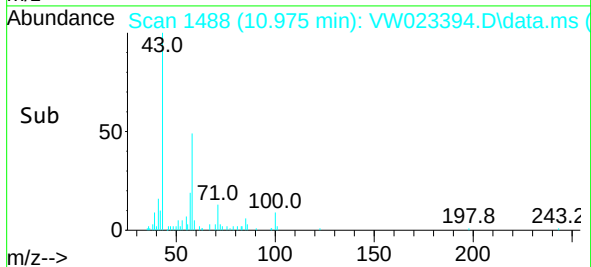
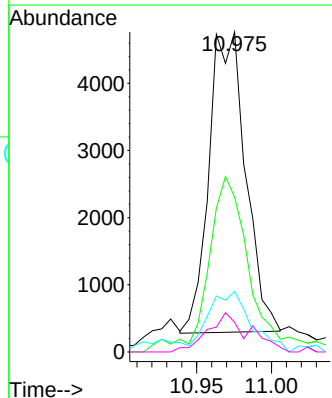
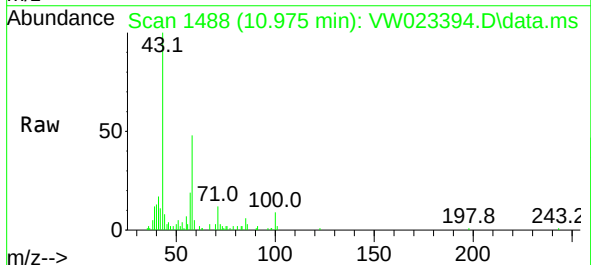
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

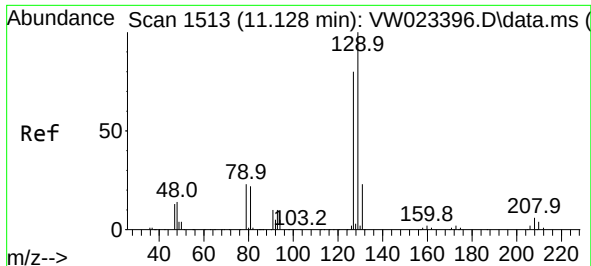
Tgt Ion:	164	Resp:	12181
Ion	Ratio	Lower	Upper
164	100		
129	83.6	76.9	142.7
131	89.0	75.1	139.5
166	131.8	96.0	178.2



#48
2-Hexanone
Concen: 3.877 ug/L
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion:	43	Resp:	7604
Ion	Ratio	Lower	Upper
43	100		
58	53.6	45.9	68.9
57	23.4	16.2	24.2
100	10.8	10.7	16.1





#49

Dibromochloromethane

Concen: 2.348 ug/L

RT: 11.128 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

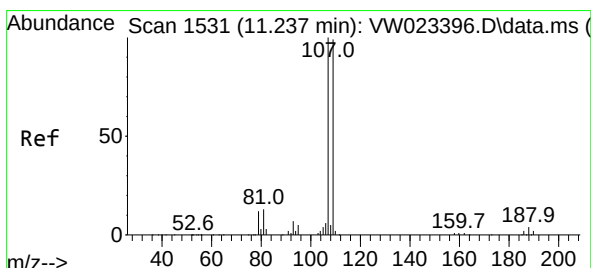
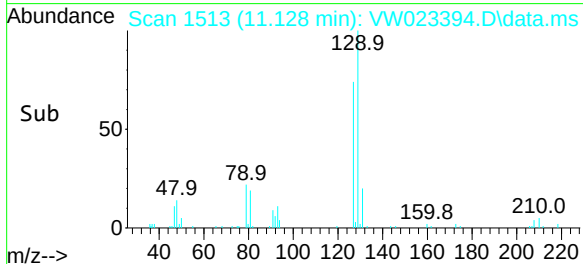
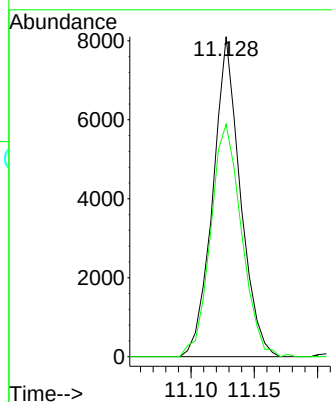
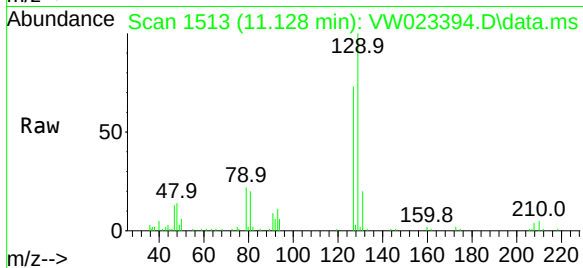
VSTD2.5413

Tgt Ion:129 Resp: 12193

Ion Ratio Lower Upper

129 100

127 72.7 53.8 100.0



#50

1,2-Dibromoethane

Concen: 2.411 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.006 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

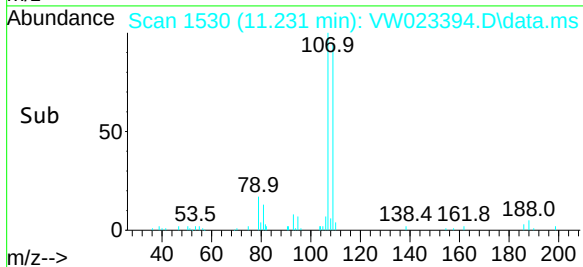
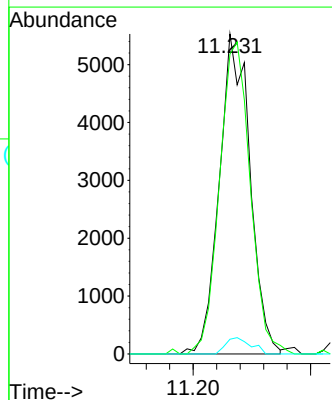
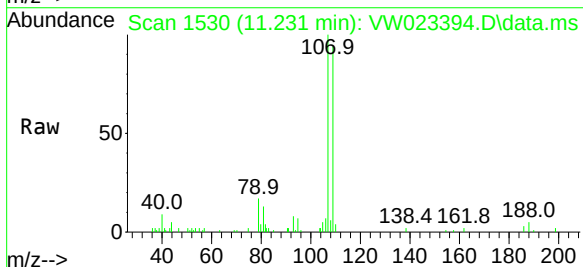
Tgt Ion:107 Resp: 9993

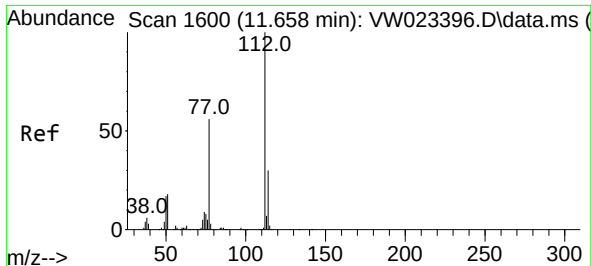
Ion Ratio Lower Upper

107 100

109 93.7 67.5 125.4

188 4.6 2.9 4.3#

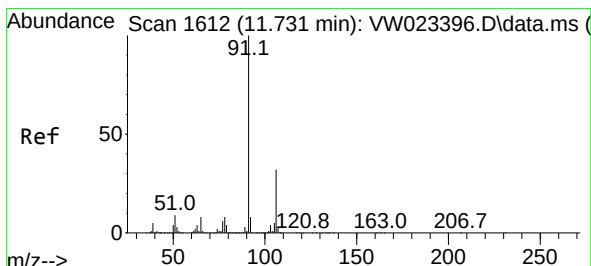
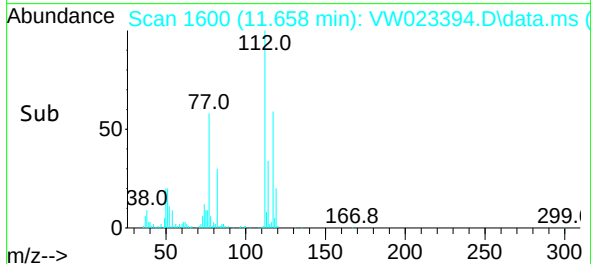
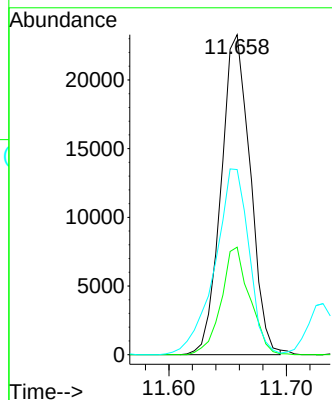
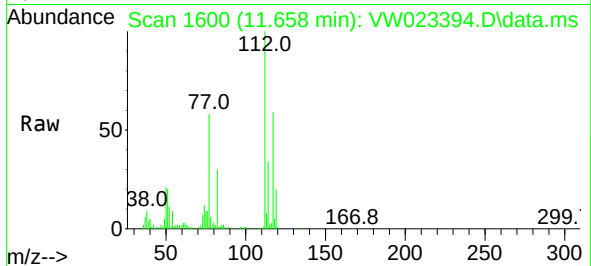




#51
Chlorobenzene
Concen: 2.485 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

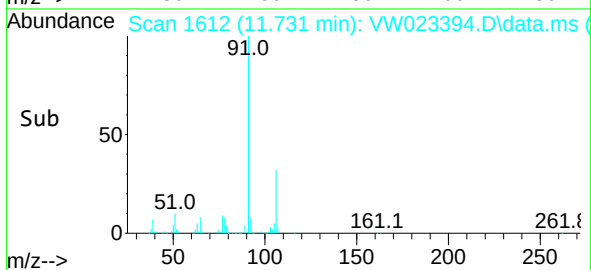
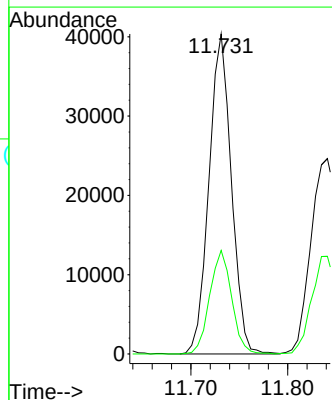
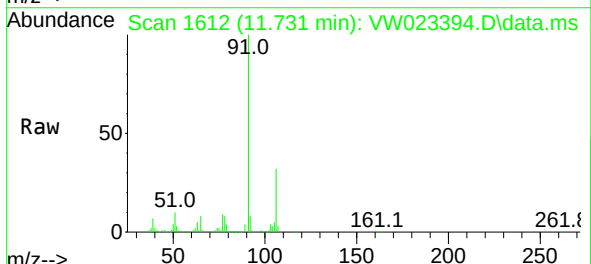
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

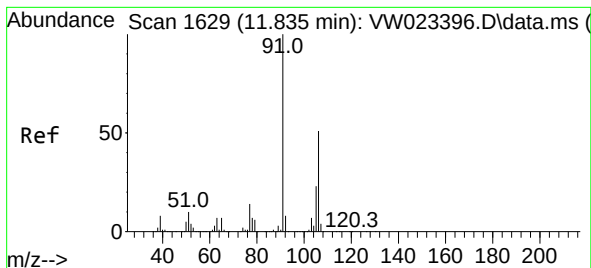
Tgt Ion:112 Resp: 40213
Ion Ratio Lower Upper
112 100
114 33.6 22.0 41.0
77 57.8 42.6 63.8



#52
Ethylbenzene
Concen: 2.420 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion: 91 Resp: 65077
Ion Ratio Lower Upper
91 100
106 32.4 22.3 41.3





#53

m,p-Xylene

Concen: 2.215 ug/L

RT: 11.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

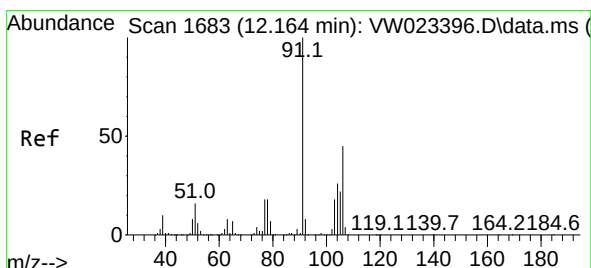
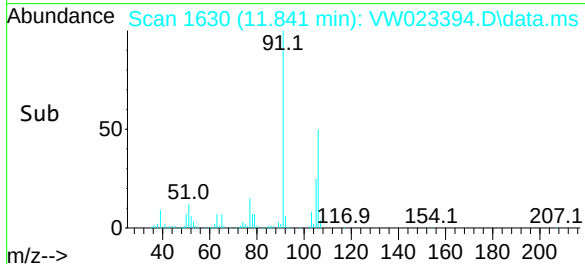
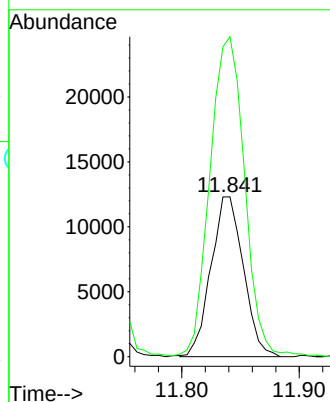
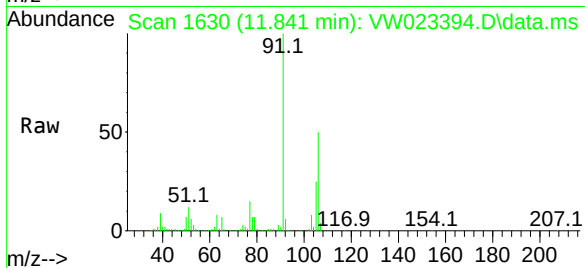
VSTD2.5413

Tgt Ion:106 Resp: 23599

Ion Ratio Lower Upper

106 100

91 200.2 136.8 254.0



#54

o-Xylene

Concen: 2.260 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW023394.D

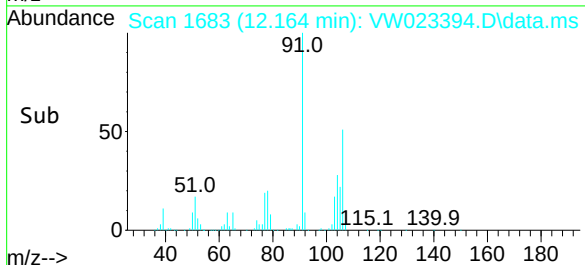
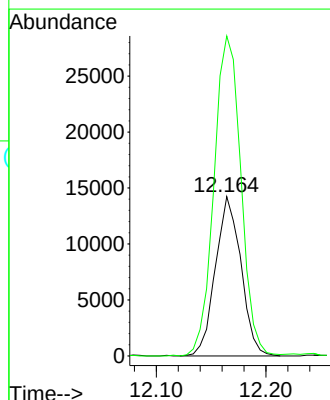
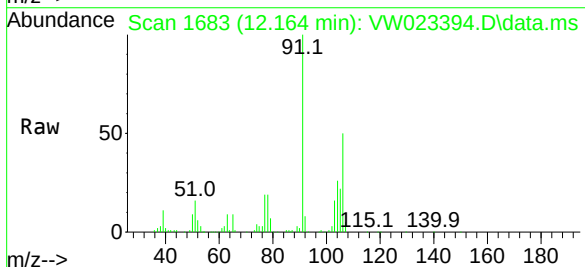
Acq: 06 Jun 2022 09:00

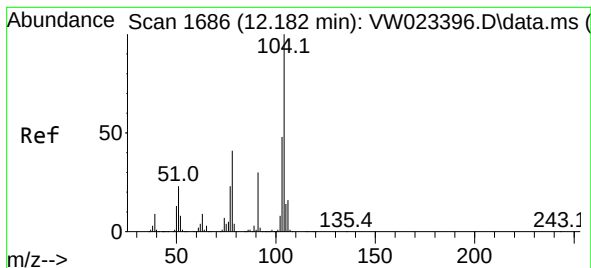
Tgt Ion:106 Resp: 23056

Ion Ratio Lower Upper

106 100

91 200.8 147.2 273.4





#55

Styrene

Concen: 2.201 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

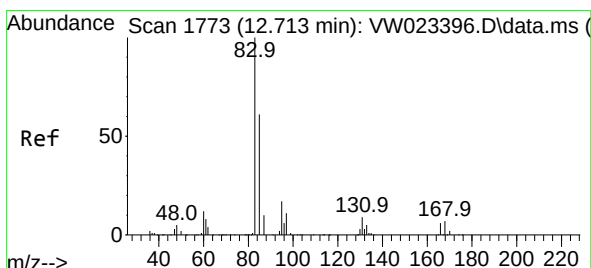
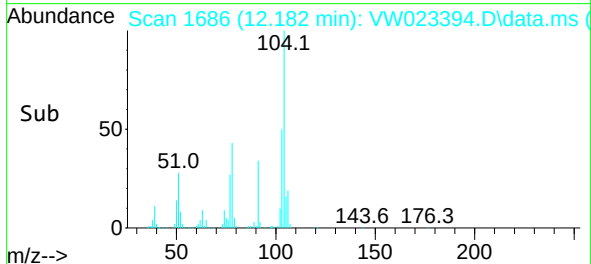
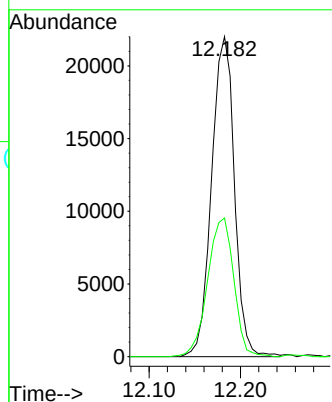
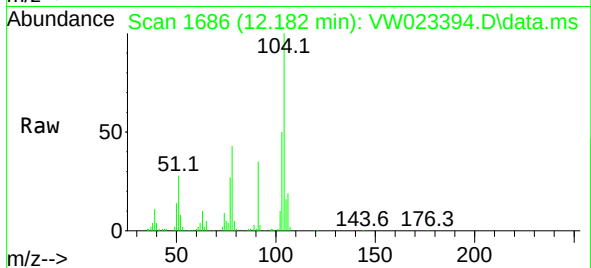
VSTD2.5413

Tgt Ion:104 Resp: 38213

Ion Ratio Lower Upper

104 100

78 43.4 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 2.655 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

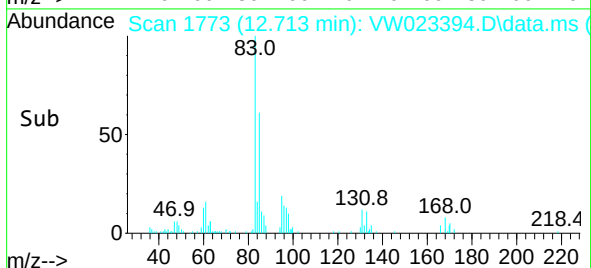
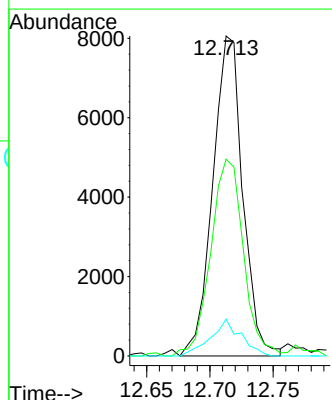
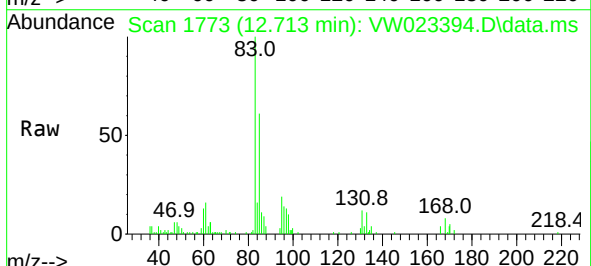
Tgt Ion: 83 Resp: 13295

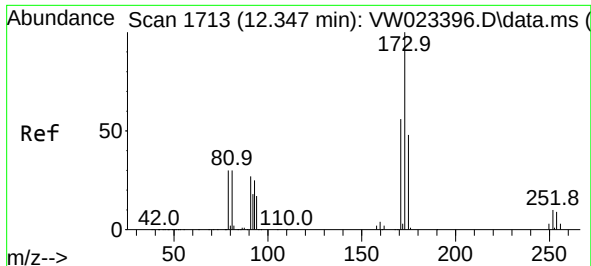
Ion Ratio Lower Upper

83 100

85 61.5 47.5 88.1

131 11.5 8.7 13.1

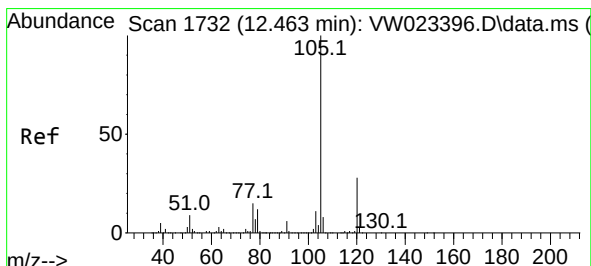
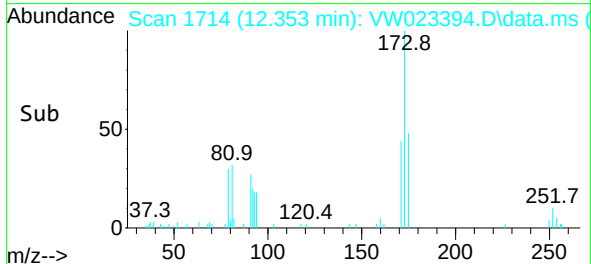
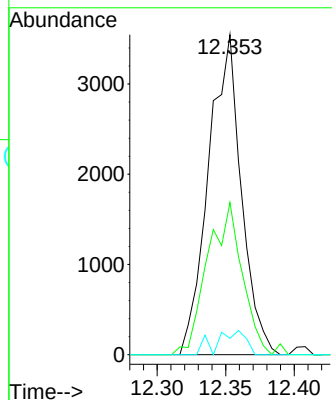
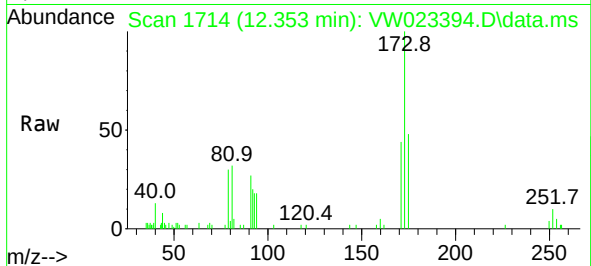




#59
Bromoform
Concen: 2.210 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

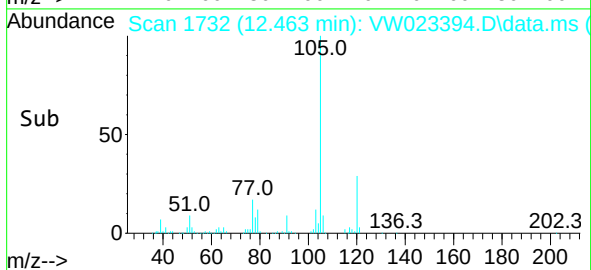
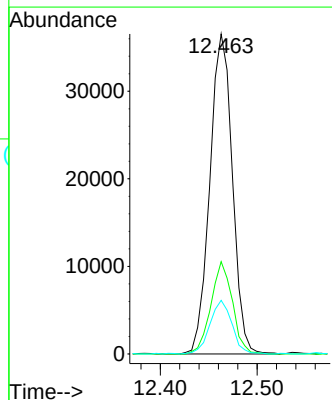
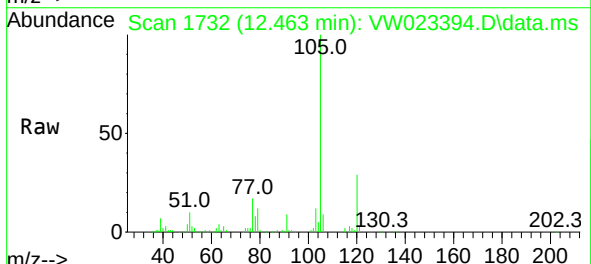
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

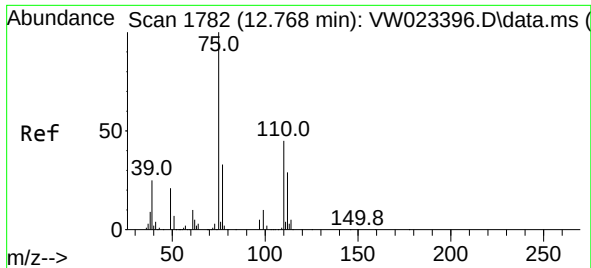
Tgt Ion:173 Resp: 5909
Ion Ratio Lower Upper
173 100
175 50.1 38.1 57.1
254 2.7 6.5 9.7#



#60
Isopropylbenzene
Concen: 2.337 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion:105 Resp: 59236
Ion Ratio Lower Upper
105 100
120 27.5 21.3 31.9
77 16.4 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 2.762 ug/L

RT: 12.768 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5413

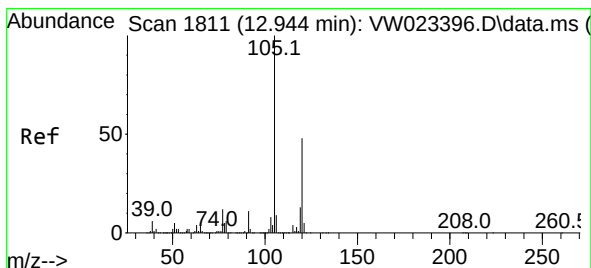
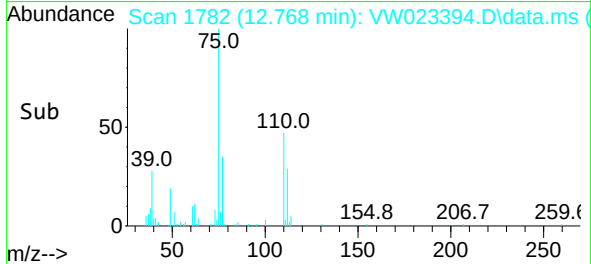
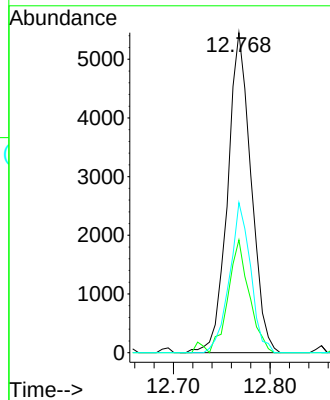
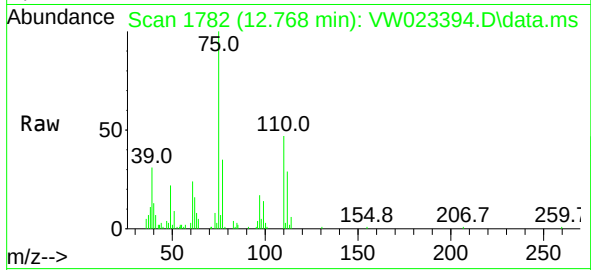
Tgt Ion: 75 Resp: 9173

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

110 42.1 34.1 51.1



#62

1,3,5-Trimethylbenzene

Concen: 2.241 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW023394.D

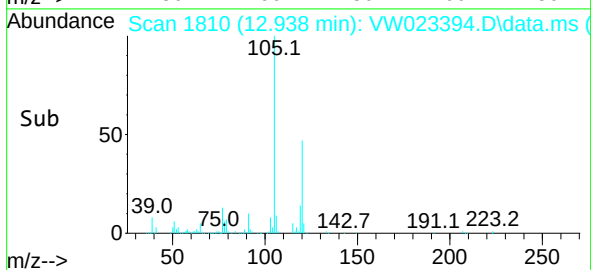
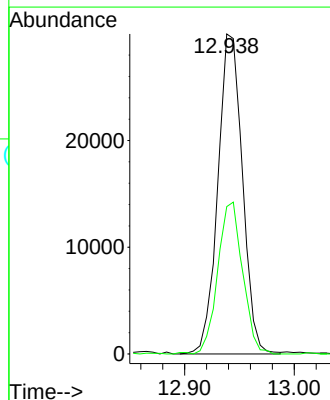
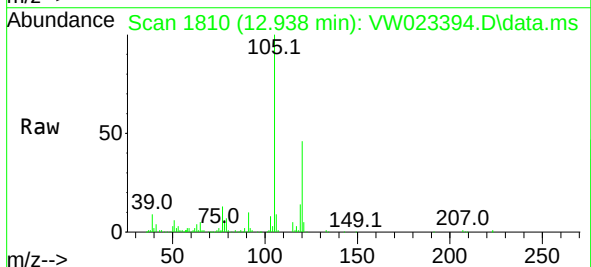
Acq: 06 Jun 2022 09:00

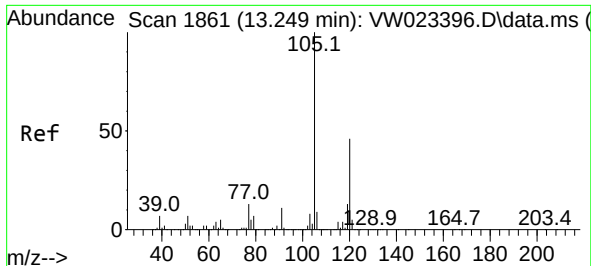
Tgt Ion: 105 Resp: 46747

Ion Ratio Lower Upper

105 100

120 47.8 38.9 58.3

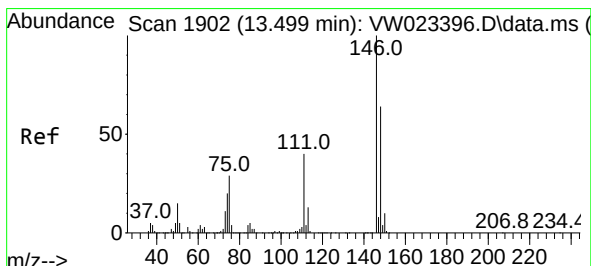
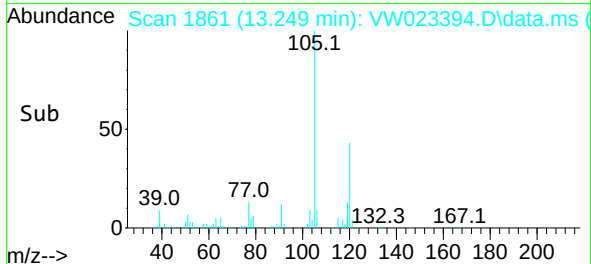
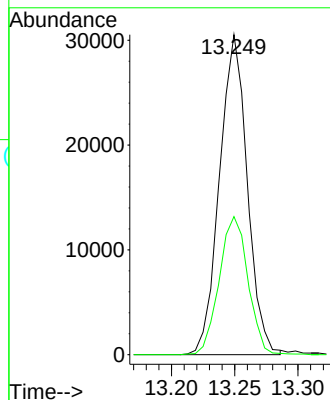
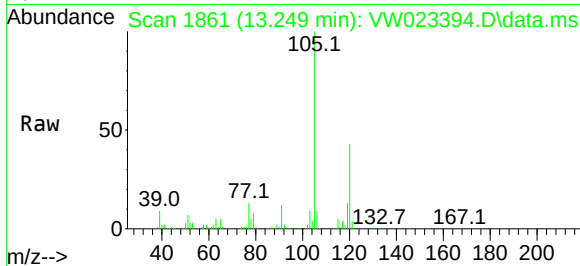




#63
1,2,4-Trimethylbenzene
Concen: 2.728 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

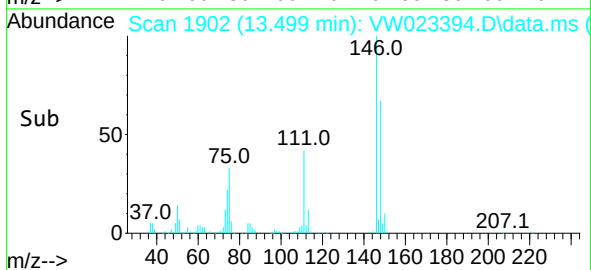
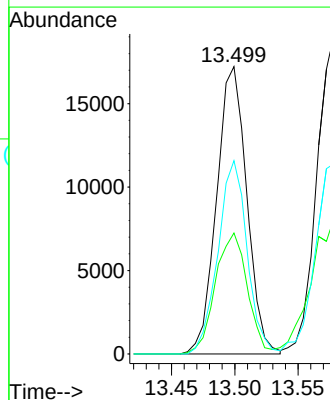
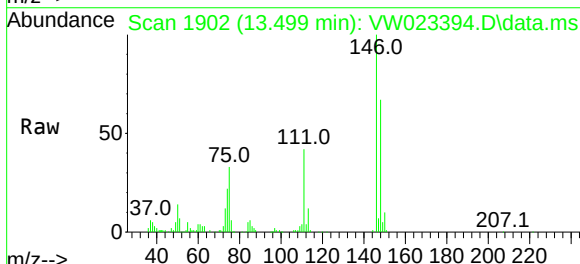
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

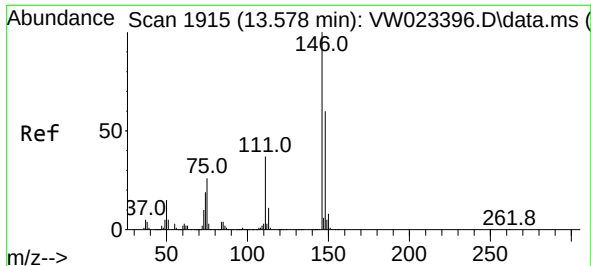
Tgt Ion:105 Resp: 46621
Ion Ratio Lower Upper
105 100
120 44.7 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 2.482 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion:146 Resp: 28546
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.9
148 67.3 48.6 90.2

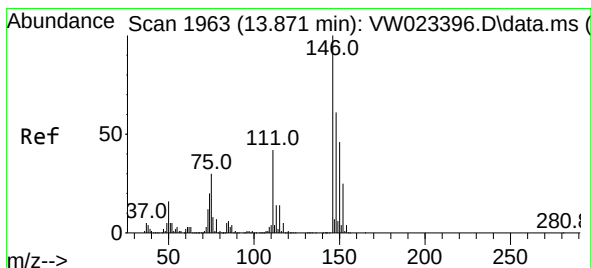
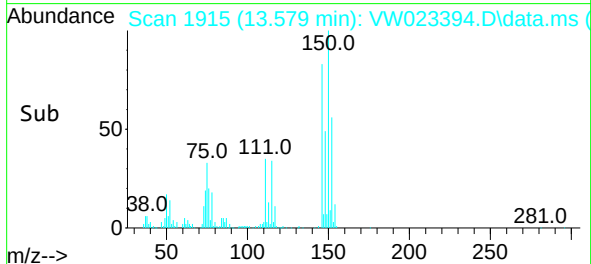
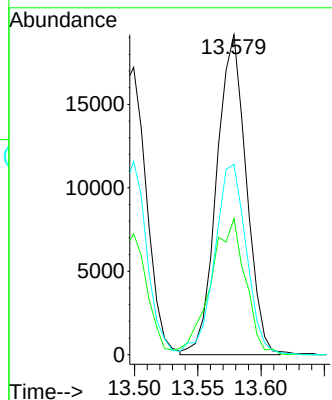
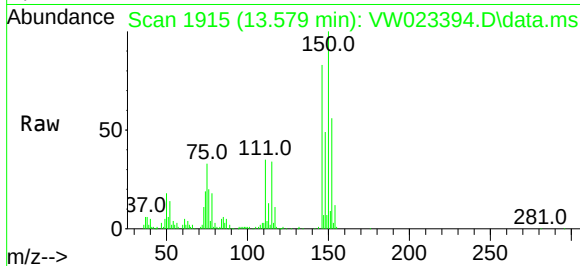




#65
1,4-Dichlorobenzene
Concen: 2.648 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

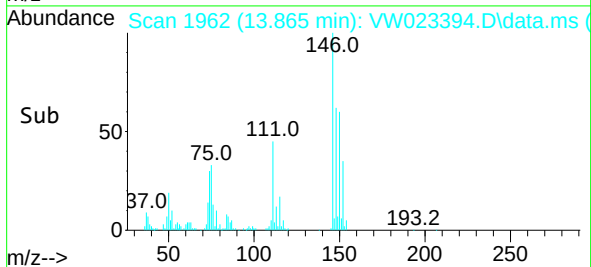
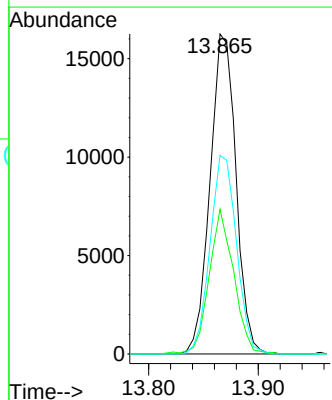
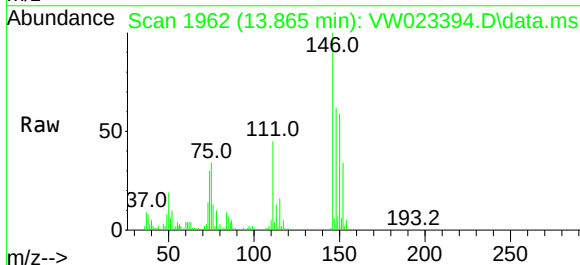
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

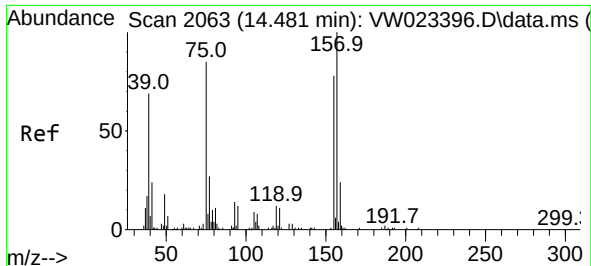
Tgt Ion:146 Resp: 31251
Ion Ratio Lower Upper
146 100
111 42.6 27.2 50.4
148 59.5 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 2.554 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion:146 Resp: 26713
Ion Ratio Lower Upper
146 100
111 45.2 35.7 53.5
148 62.1 52.6 79.0





#68

1,2-Dibromo-3-chloropropane

Concen: 2.590 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5413

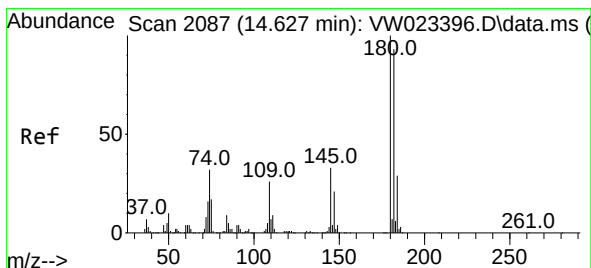
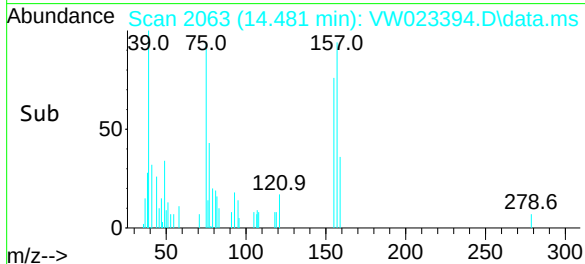
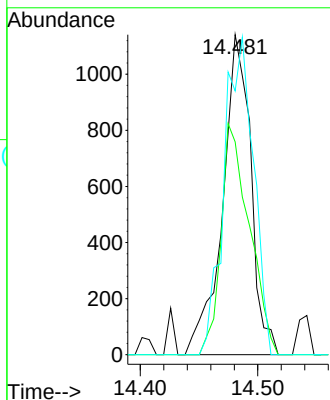
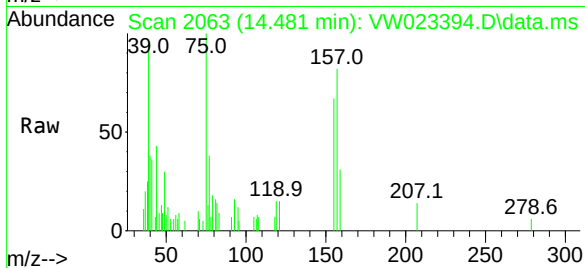
Tgt Ion: 75 Resp: 1908

Ion Ratio Lower Upper

75 100

155 66.5 59.3 88.9

157 82.4 89.8 134.8#



#69

1,3,5-Trichlorobenzene

Concen: 2.391 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023394.D

Acq: 06 Jun 2022 09:00

Tgt Ion:180 Resp: 18158

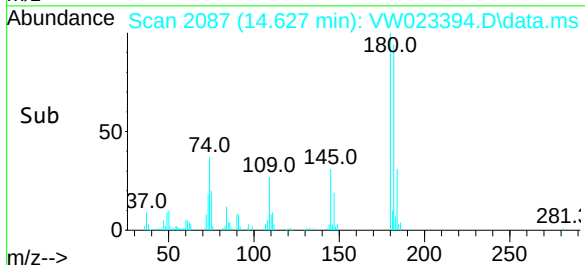
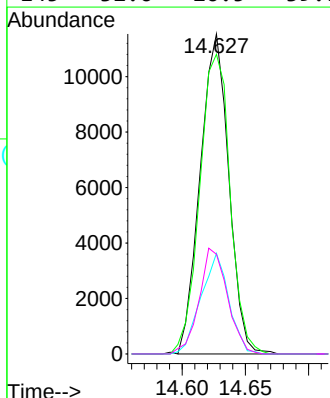
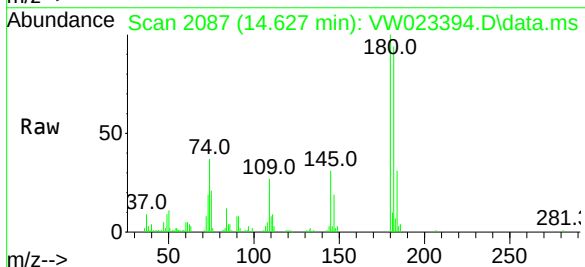
Ion Ratio Lower Upper

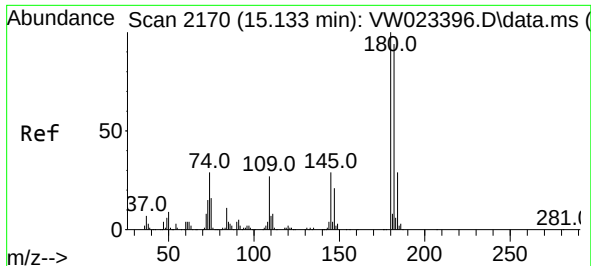
180 100

182 99.4 74.8 112.2

184 30.7 23.4 35.2

145 32.6 26.5 39.7

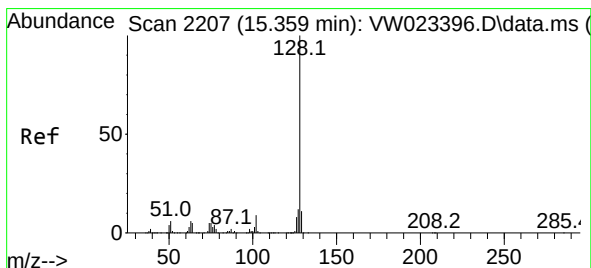
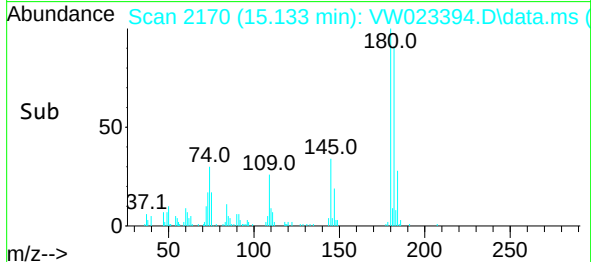
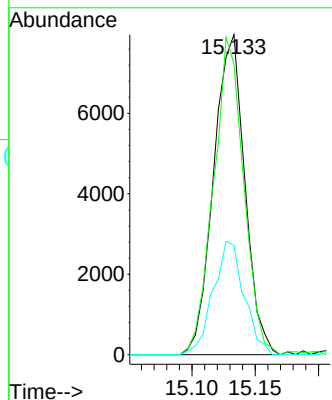
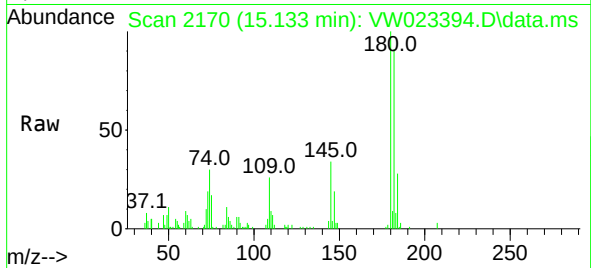




#70
1,2,4-trichlorobenzene
Concen: 2.276 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

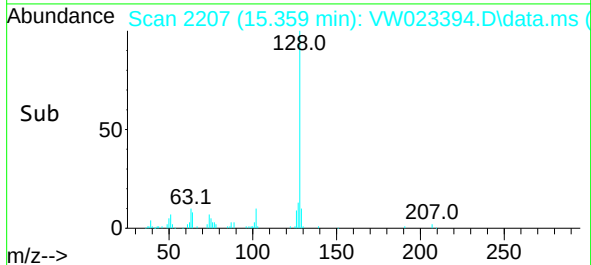
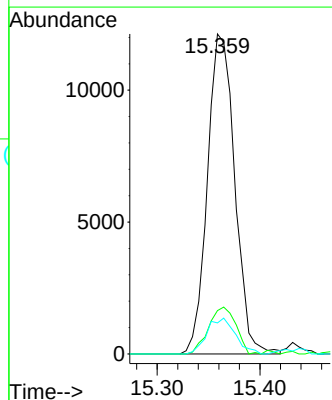
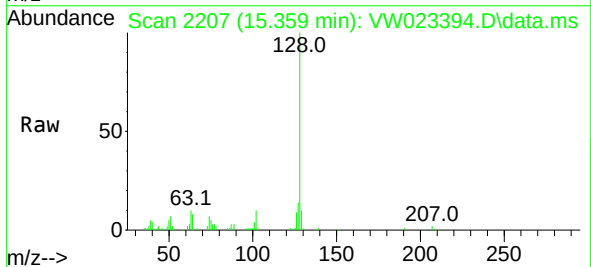
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5413

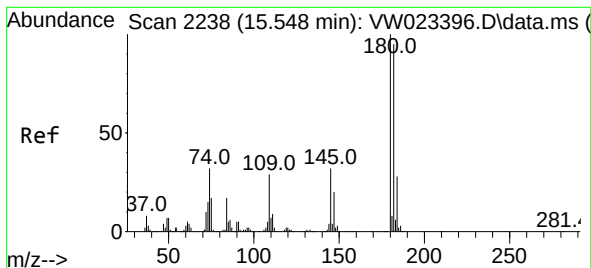
Tgt Ion:180 Resp: 13642
Ion Ratio Lower Upper
180 100
182 95.6 74.9 112.3
145 35.2 26.6 39.8



#71
Naphthalene
Concen: 1.982 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023394.D
Acq: 06 Jun 2022 09:00

Tgt Ion:128 Resp: 22471
Ion Ratio Lower Upper
128 100
127 14.6 10.6 16.0
129 11.6 8.7 13.1





#72

1,2,3-Trichlorobenzene

Concen: 2.349 ug/L

RT: 15.554 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023394.D

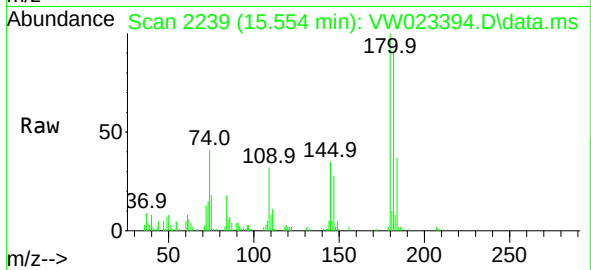
Acq: 06 Jun 2022 09:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5413



Tgt Ion:180 Resp: 12292

Ion Ratio Lower Upper

180 100

182 93.4 73.5 110.3

145 33.8 27.9 41.9

