

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023395.D
 Acq On : 06 Jun 2022 09:24
 Operator : SY/VA
 Sample : VSTD00514
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005414

Quant Time: Jun 06 11:12:22 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	8.842	114	368654	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	341014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	166803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30860	4.564	ug/L	0.00
7) Chloroethane-d5	2.885	69	20472	4.418	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	45835	4.669	ug/L	0.00
21) 2-Butanone-d5	7.238	46	59	0.044	ug/L	0.16
24) Chloroform-d	7.653	84	52886	4.488	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	29065	4.670	ug/L	0.00
32) Benzene-d6	8.275	84	99539	4.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	28621	4.470	ug/L	0.00
41) Toluene-d8	10.323	98	92237	4.258	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12096	4.222	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	7709	7.499	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	24029	4.309	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	31126	4.308	ug/L	0.00
Target Compounds						
						Qvalue
3) Chloromethane	2.221	50	20084	4.327	ug/L	97
5) Vinyl chloride	2.361	62	31740	4.422	ug/L	94
6) Bromomethane	2.776	94	17988	5.305	ug/L	90
8) Chloroethane	2.922	64	16920	5.268	ug/L	96
9) Trichlorofluoromethane	3.257	101	18176	5.367	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	24908	5.084	ug/L #	78
12) 1,1-Dichloroethene	4.050	96	21552	5.032	ug/L	77
13) Acetone	4.123	43	9206	11.111	ug/L	92
14) Carbon disulfide	4.379	76	68091	4.786	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	26038	5.213	ug/L	88
18) Methyl tert-butyl Ether	5.428	73	37051	5.023	ug/L	97
19) 1,1-Dichloroethane	6.220	63	44129	5.215	ug/L	97
20) cis-1,2-Dichloroethene	7.177	96	26734	5.075	ug/L #	100
22) 2-Butanone	7.177	43	13581	10.894	ug/L	91
23) Bromochloromethane	7.525	128	12922	5.168	ug/L	83
25) Chloroform	7.677	83	50771	5.463	ug/L	92
27) 1,2-Dichloroethane	8.403	62	31340	5.205	ug/L	97
29) Cyclohexane	7.958	56	35959	4.872	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	43034	5.393	ug/L	99
31) Carbon tetrachloride	8.067	117	38795	5.173	ug/L	97
33) Benzene	8.324	78	106058	5.343	ug/L	100
34) Trichloroethene	9.092	95	28492	5.299	ug/L	92
35) Methylcyclohexane	9.336	83	44656	5.014	ug/L	95
37) 1,2-Dichloropropane	9.366	63	24423	5.244	ug/L #	96
38) Bromodichloromethane	9.640	83	33404	5.051	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	34822	4.703	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	25142	9.478	ug/L	99
42) Toluene	10.390	91	115176	5.212	ug/L	93
44) trans-1,3-Dichloropropene	10.610	75	30448	4.612	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	18857	4.929	ug/L	95
46) Tetrachloroethene	10.866	164	21672	5.058	ug/L	87
48) 2-Hexanone	10.969	43	16128	9.106	ug/L	97

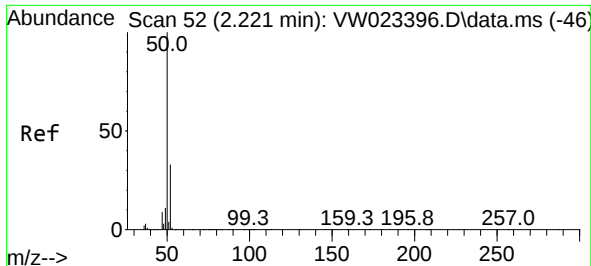
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
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Quant Time: Jun 06 11:12:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:11:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	11.128	129	21954	4.680	ug/L	93
50) 1,2-Dibromoethane	11.238	107	18856	5.038	ug/L	100
51) Chlorobenzene	11.658	112	73790	5.049	ug/L	94
52) Ethylbenzene	11.731	91	120475	4.960	ug/L	99
53) m,p-Xylene	11.841	106	45877	4.768	ug/L	94
54) o-Xylene	12.164	106	42787	4.643	ug/L	90
55) Styrene	12.176	104	73432	4.682	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	23755	5.252	ug/L #	89
59) Bromoform	12.347	173	10861	4.438	ug/L	98
60) Isopropylbenzene	12.463	105	119311	5.143	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	16542	5.442	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	95722	5.013	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	95118	6.081	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	55151	5.238	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	56690	5.248	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	49820	5.203	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.475	75	3346	4.961	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	35571	5.118	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	26366	4.805	ug/L	98
71) Naphthalene	15.365	128	44841	4.321	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	22755	4.750	ug/L	98

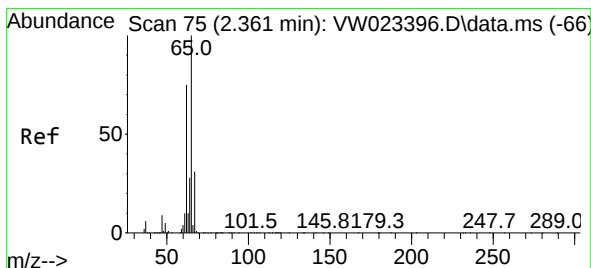
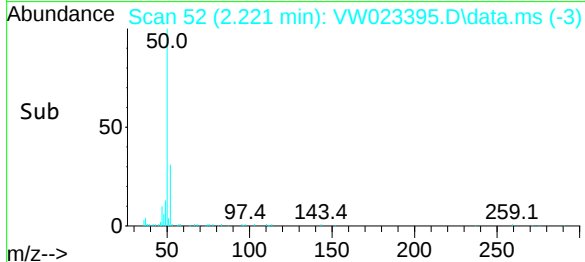
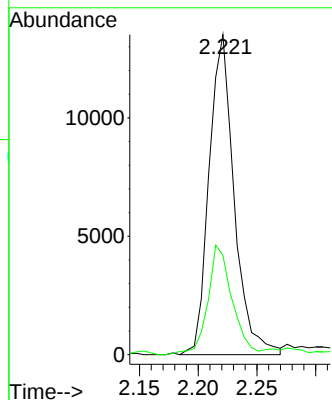
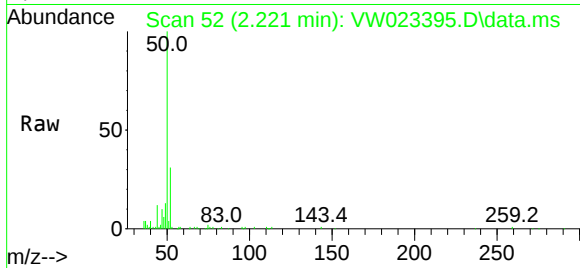
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 4.327 ug/L
RT: 2.221 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

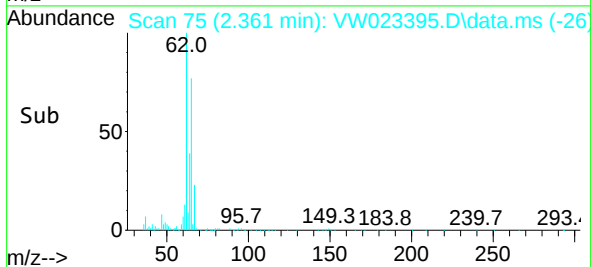
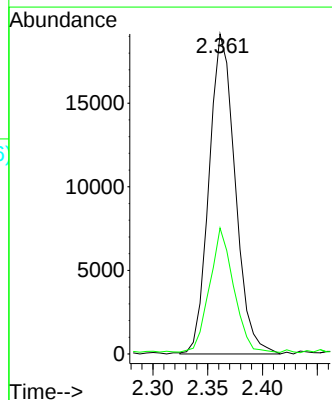
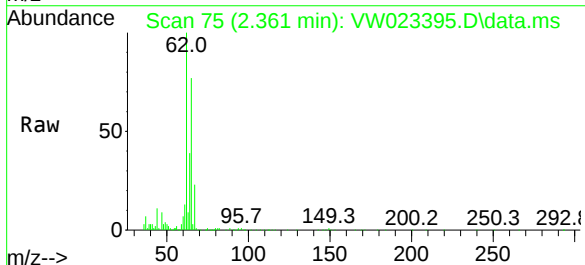
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

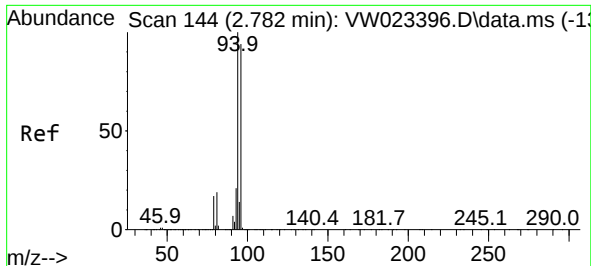
Tgt Ion: 50 Resp: 20084
Ion Ratio Lower Upper
50 100
52 31.1 23.1 42.9



#5
Vinyl chloride
Concen: 4.422 ug/L
RT: 2.361 min Scan# 75
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 62 Resp: 31740
Ion Ratio Lower Upper
62 100
64 39.3 24.9 46.3

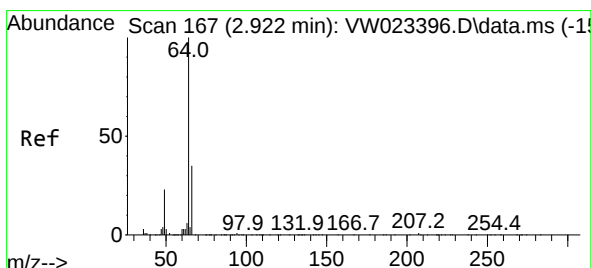
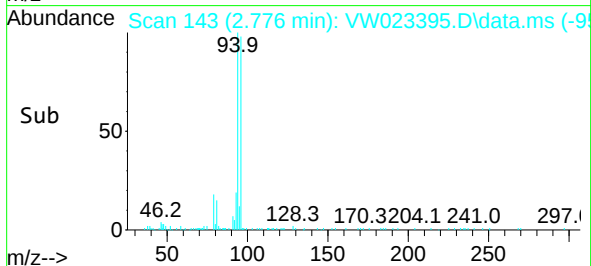
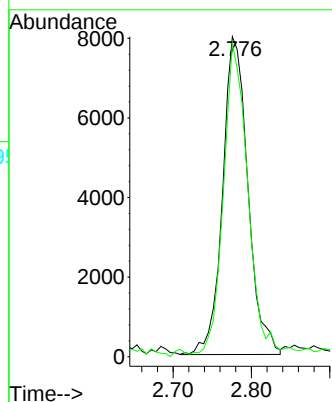
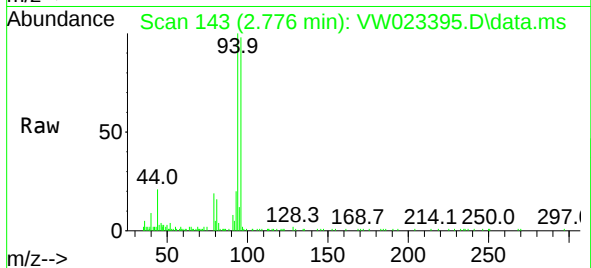




#6
Bromomethane
Concen: 5.305 ug/L
RT: 2.776 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

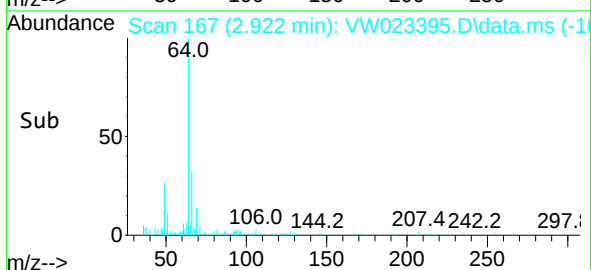
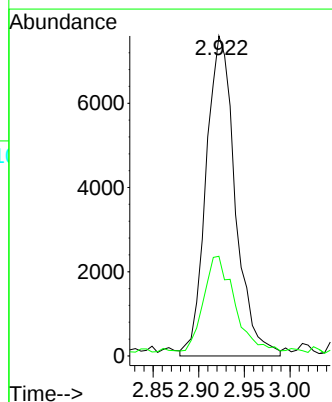
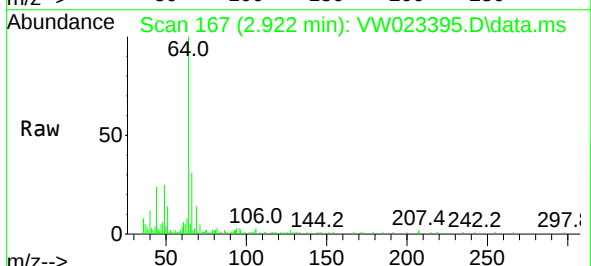
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

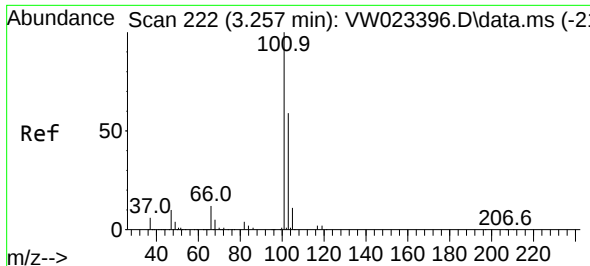
Tgt Ion: 94 Resp: 17988
Ion Ratio Lower Upper
94 100
96 97.8 61.7 114.5



#8
Chloroethane
Concen: 5.268 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 64 Resp: 16920
Ion Ratio Lower Upper
64 100
66 31.2 23.4 43.6

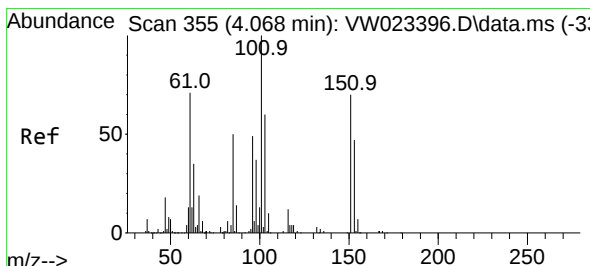
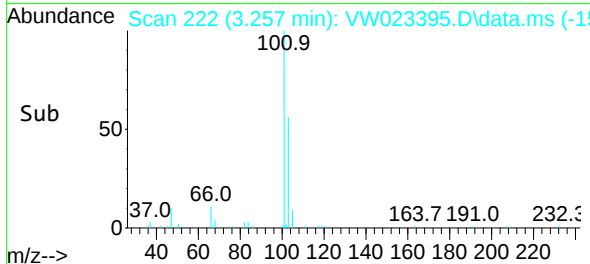
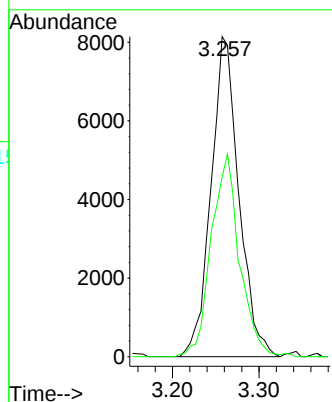
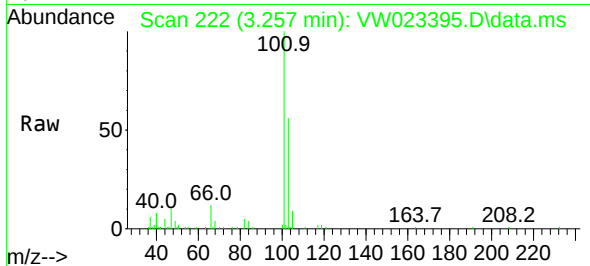




#9
 Trichlorofluoromethane
 Concen: 5.367 ug/L
 RT: 3.257 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VW023395.D
 Acq: 06 Jun 2022 09:24

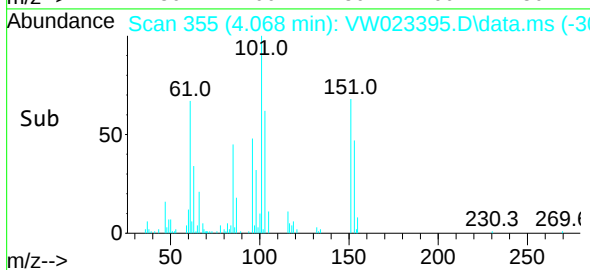
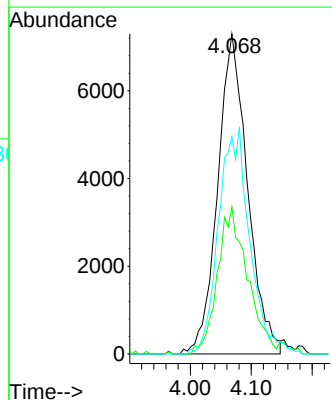
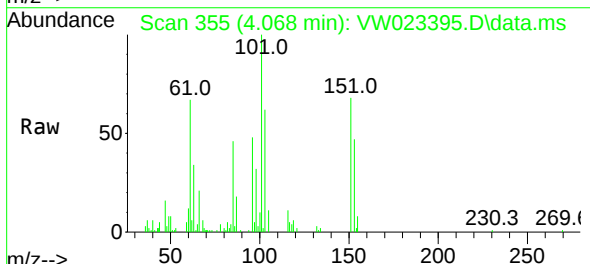
Instrument :
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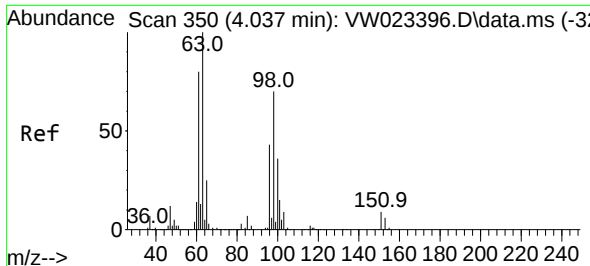
Tgt Ion:101 Resp: 18176
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.9 80.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.084 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW023395.D
 Acq: 06 Jun 2022 09:24

Tgt Ion:101 Resp: 24908
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.3 51.5
 151 41.0 54.2 81.2#

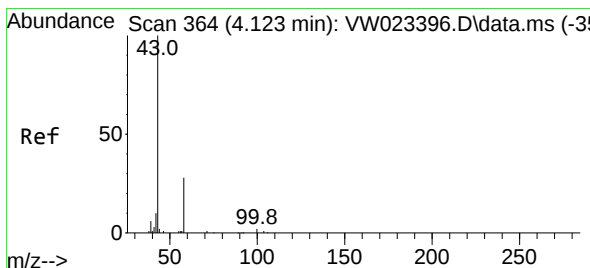
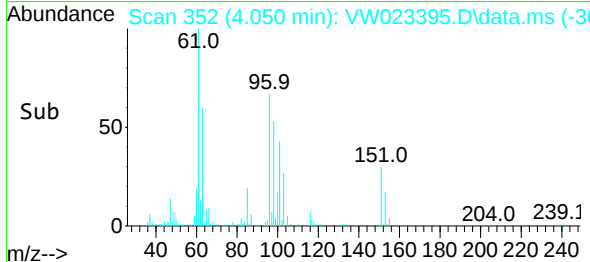
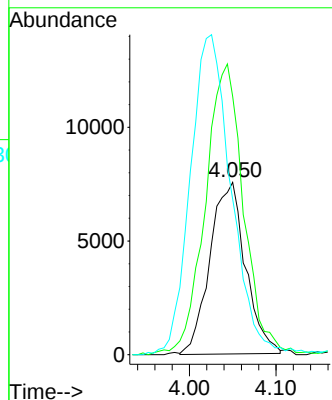
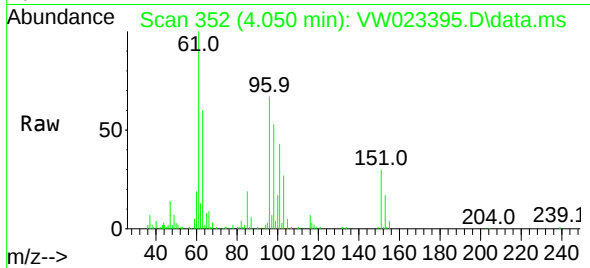




#12
1,1-Dichloroethene
Concen: 5.032 ug/L
RT: 4.050 min Scan# 350
Delta R.T. 0.012 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

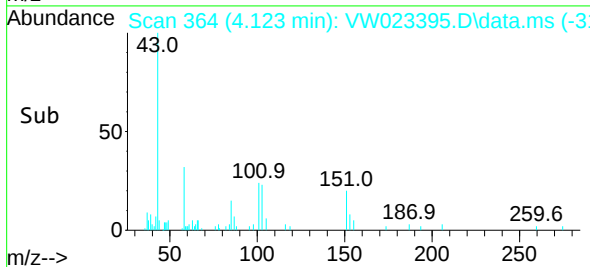
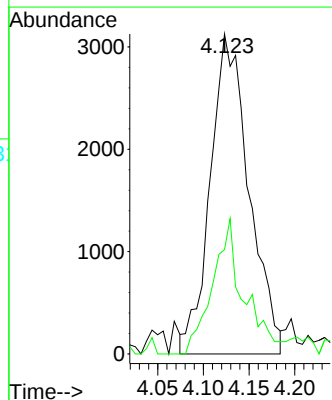
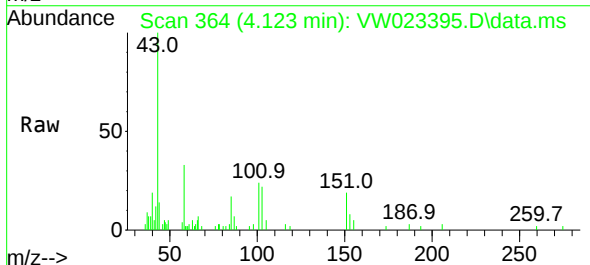
Instrument :
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ClientSampleId :
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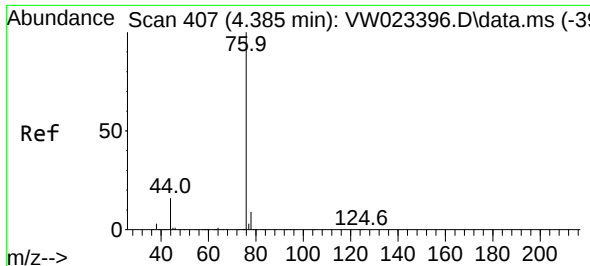
Tgt Ion: 96 Resp: 21552
Ion Ratio Lower Upper
96 100
61 149.8 125.7 233.5
63 90.2 83.4 155.0



#13
Acetone
Concen: 11.111 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 43 Resp: 9206
Ion Ratio Lower Upper
43 100
58 27.6 0.0 64.0

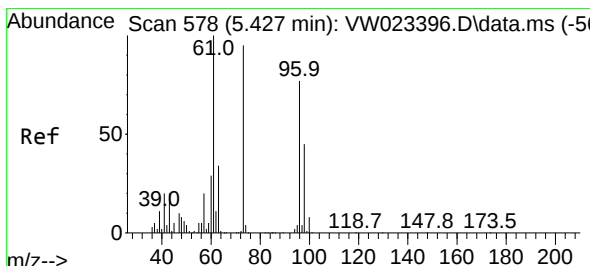
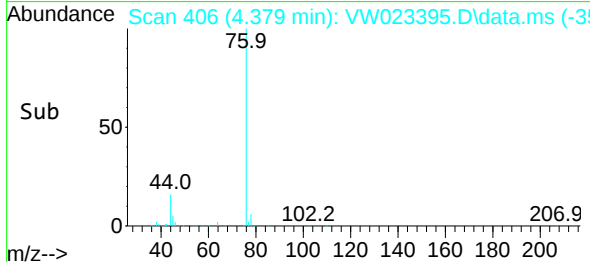
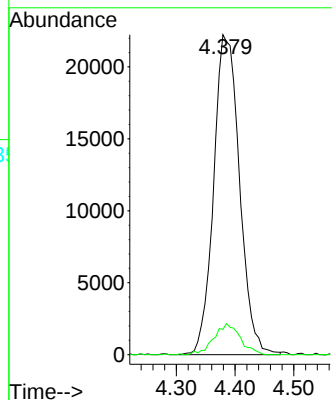
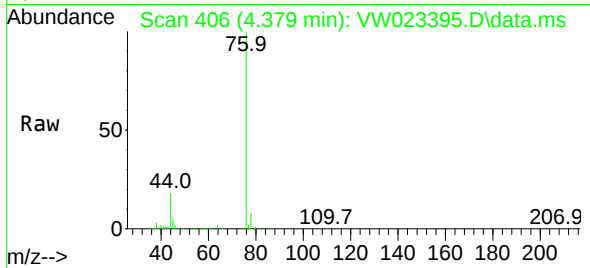




#14
Carbon disulfide
Concen: 4.786 ug/L
RT: 4.379 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

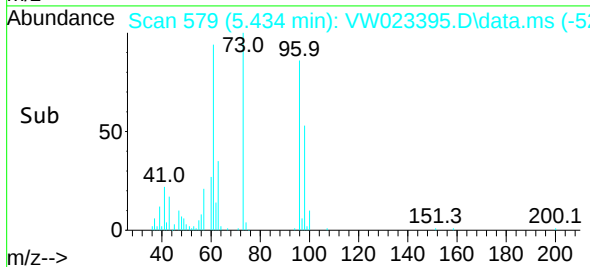
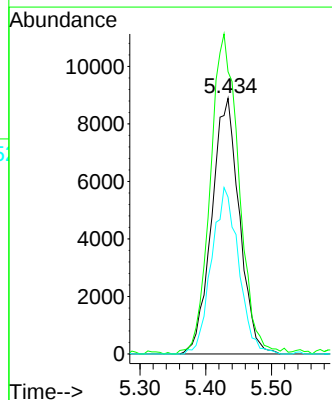
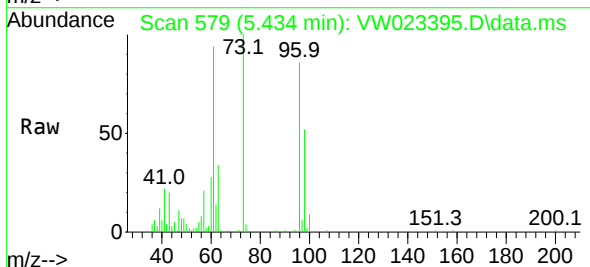
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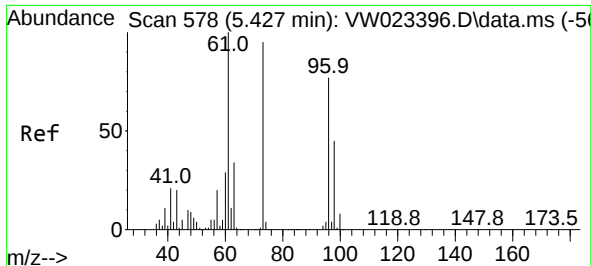
Tgt Ion: 76 Resp: 68091
Ion Ratio Lower Upper
76 100
78 7.9 7.7 11.5



#17
trans-1,2-Dichloroethene
Concen: 5.213 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 96 Resp: 26038
Ion Ratio Lower Upper
96 100
61 110.4 92.2 171.2
98 61.3 42.9 79.7

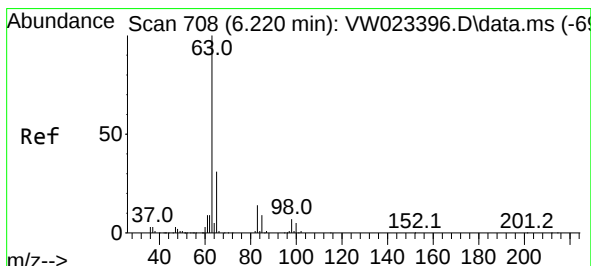
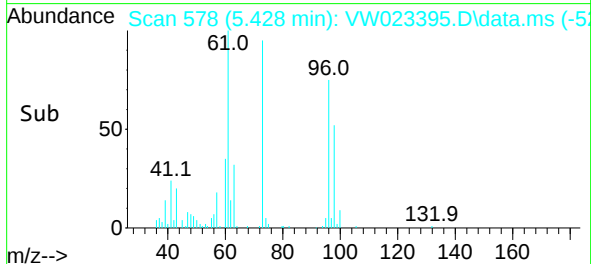
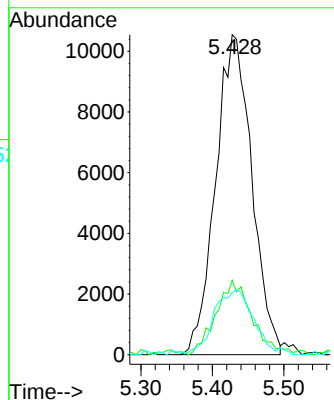
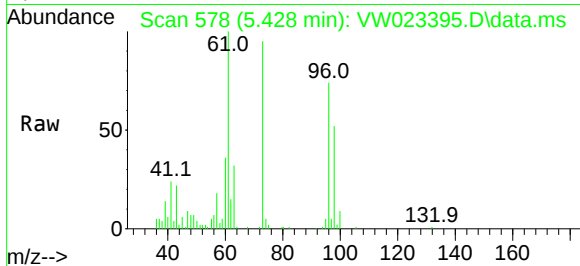




#18
Methyl tert-butyl Ether
Concen: 5.023 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

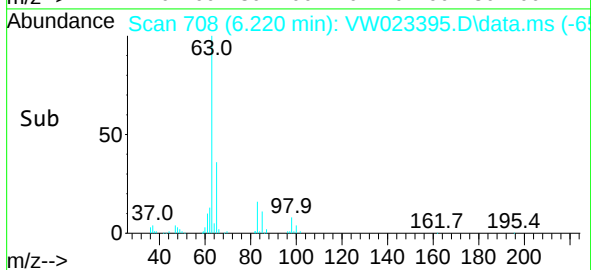
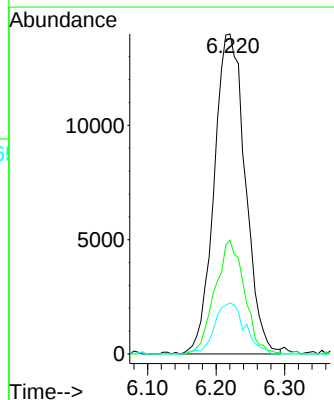
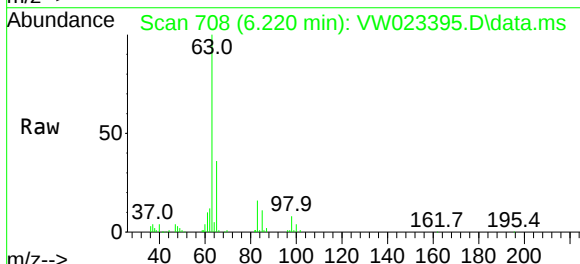
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ClientSampleId :
VSTD005414

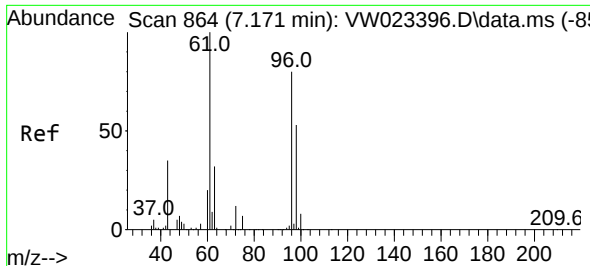
Tgt Ion: 73 Resp: 37051
Ion Ratio Lower Upper
73 100
43 21.8 15.9 23.9
57 21.9 16.5 24.7



#19
1,1-Dichloroethane
Concen: 5.215 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 63 Resp: 44129
Ion Ratio Lower Upper
63 100
65 35.6 23.3 43.3
83 15.9 11.1 20.5

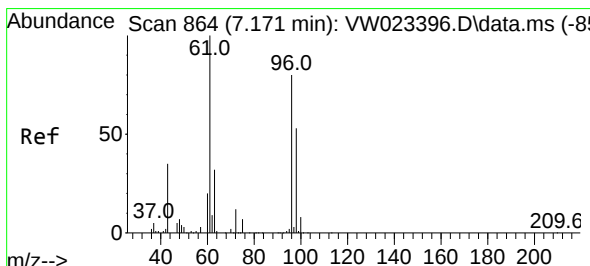
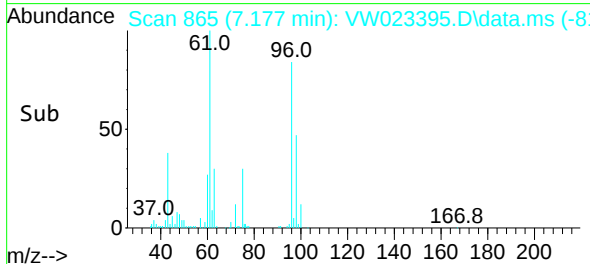
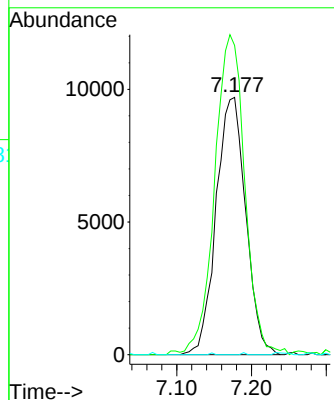
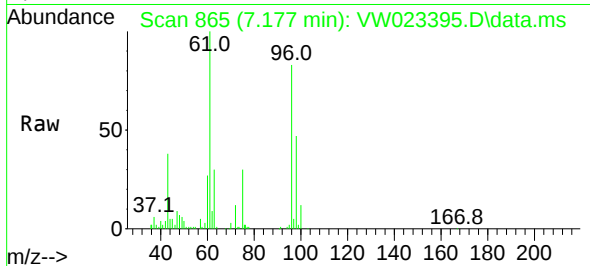




#20
 cis-1,2-Dichloroethene
 Concen: 5.075 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023395.D
 Acq: 06 Jun 2022 09:24

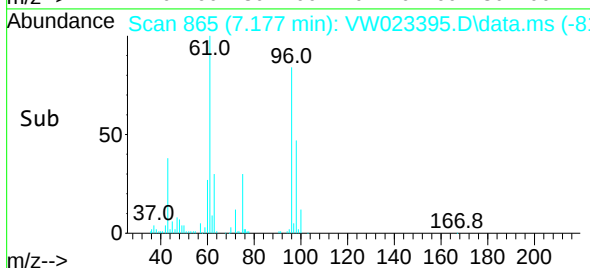
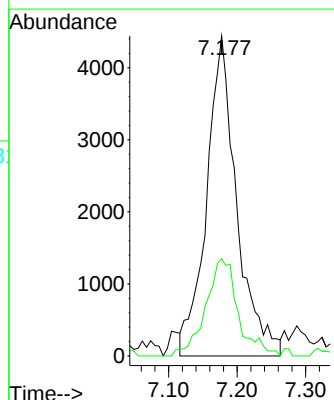
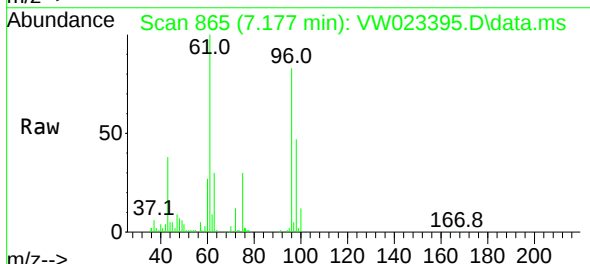
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005414

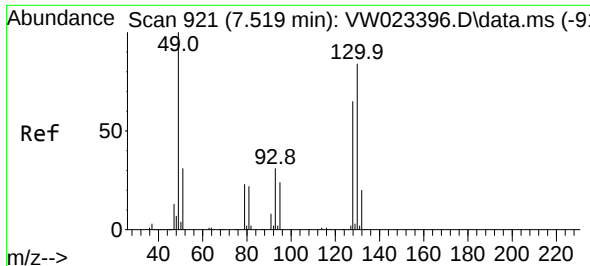
Tgt Ion: 96 Resp: 26734
 Ion Ratio Lower Upper
 96 100
 61 120.2 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 10.894 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023395.D
 Acq: 06 Jun 2022 09:24

Tgt Ion: 43 Resp: 13581
 Ion Ratio Lower Upper
 43 100
 72 25.2 15.1 45.3

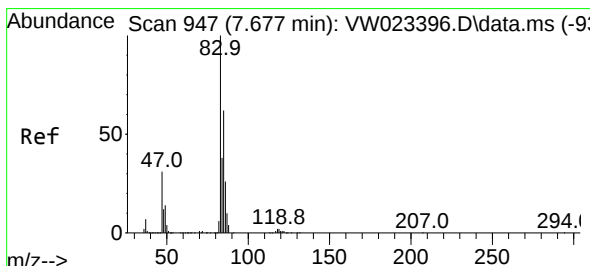
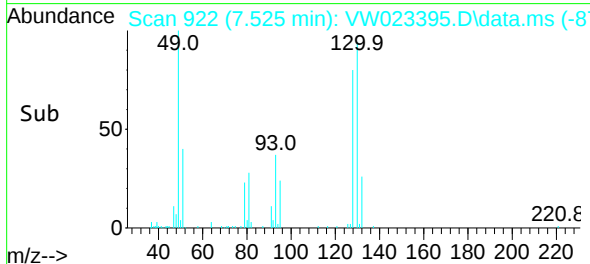
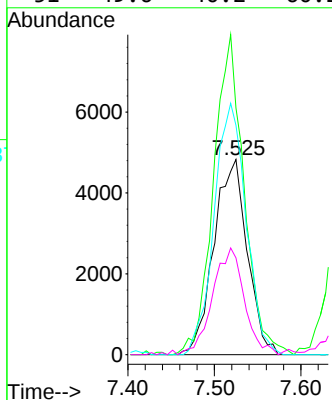
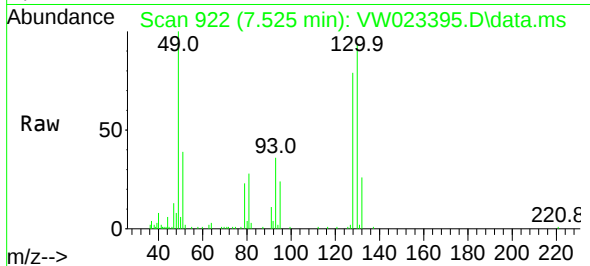




#23
Bromochloromethane
Concen: 5.168 ug/L
RT: 7.525 min Scan# 911
Delta R.T. 0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

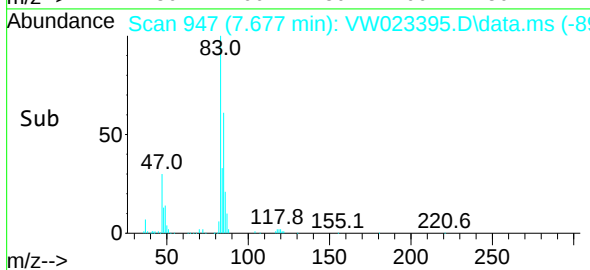
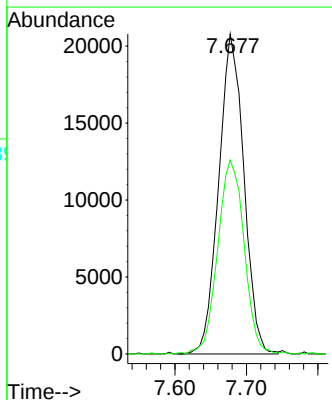
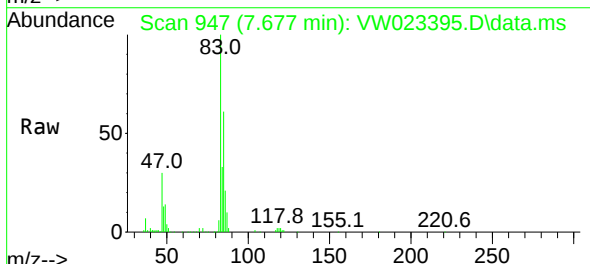
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

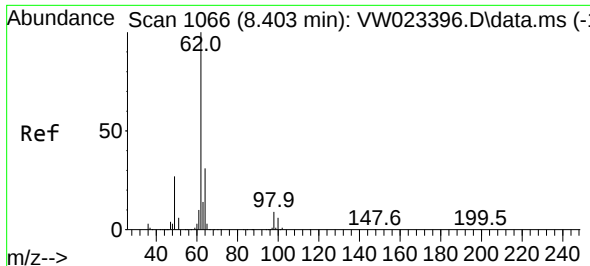
Tgt Ion:128	Resp:	12922
Ion Ratio	Lower	Upper
128	100	
49	126.3	110.0 204.4
130	117.5	94.8 176.0
51	49.6	40.2 60.2



#25
Chloroform
Concen: 5.463 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 83	Resp:	50771
Ion Ratio	Lower	Upper
83	100	
85	60.6	46.6 86.6





#27

1,2-Dichloroethane

Concen: 5.205 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

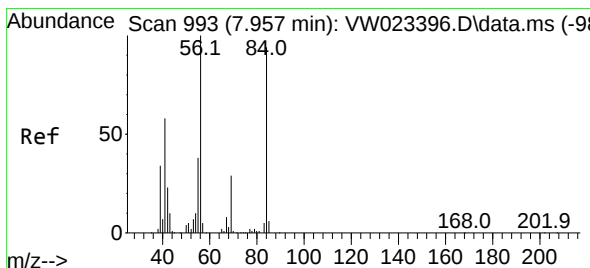
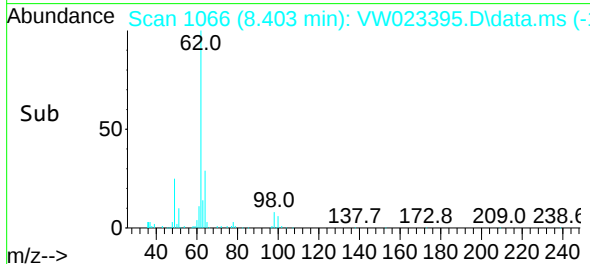
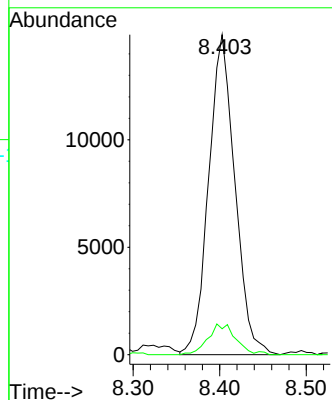
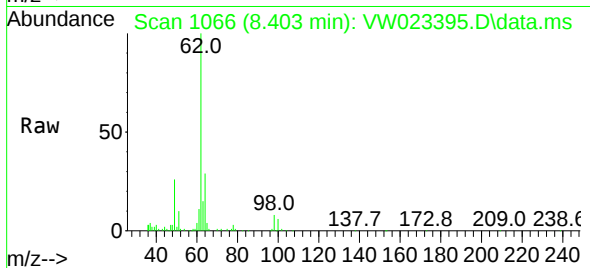
VSTD005414

Tgt Ion: 62 Resp: 31340

Ion Ratio Lower Upper

62 100

98 8.1 7.2 10.8



#29

Cyclohexane

Concen: 4.872 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

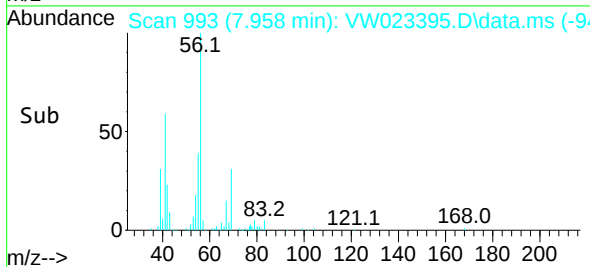
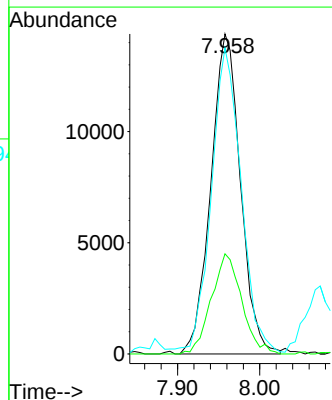
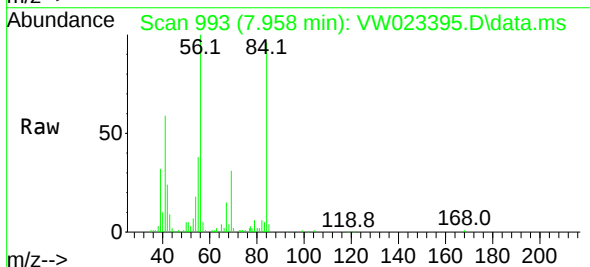
Tgt Ion: 56 Resp: 35959

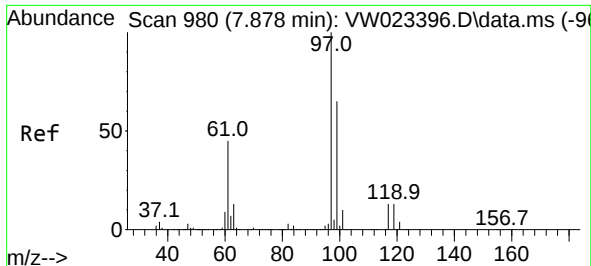
Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 96.1 78.2 117.4

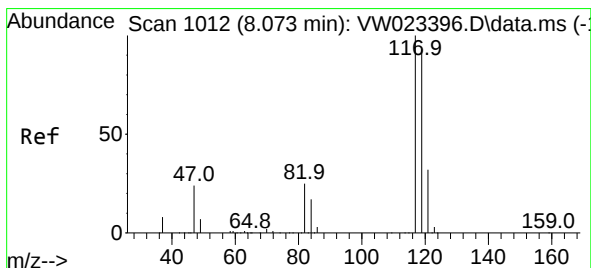
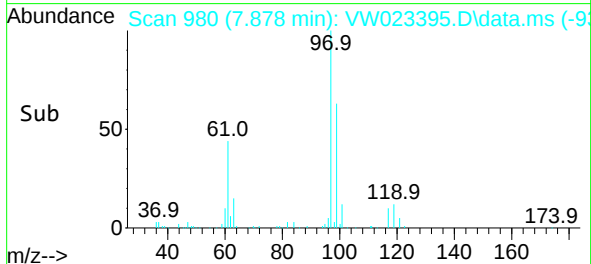
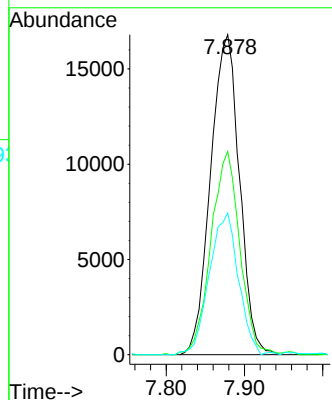
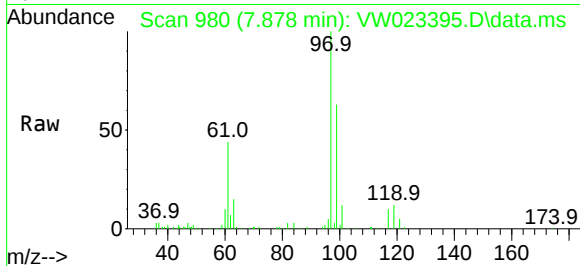




#30
1,1,1-Trichloroethane
Concen: 5.393 ug/L
RT: 7.878 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

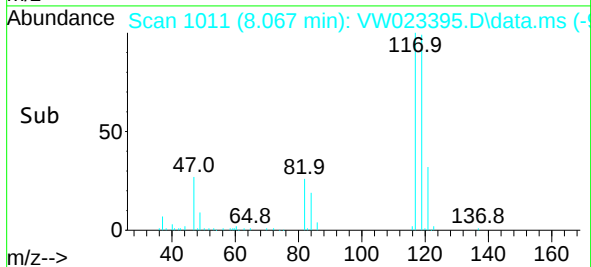
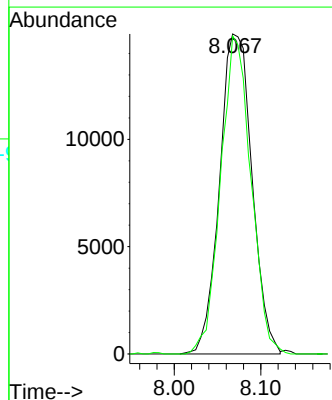
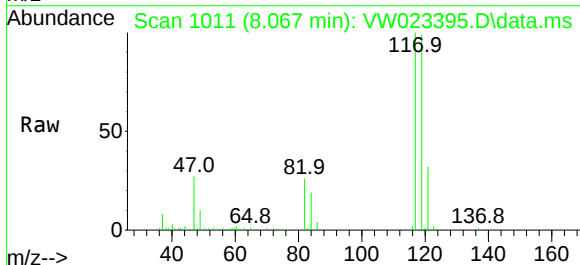
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

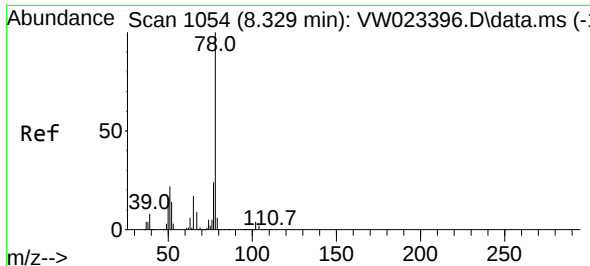
Tgt Ion: 97 Resp: 43034
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 44.5 34.8 52.2



#31
Carbon tetrachloride
Concen: 5.173 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 117 Resp: 38795
Ion Ratio Lower Upper
117 100
119 92.9 76.6 115.0

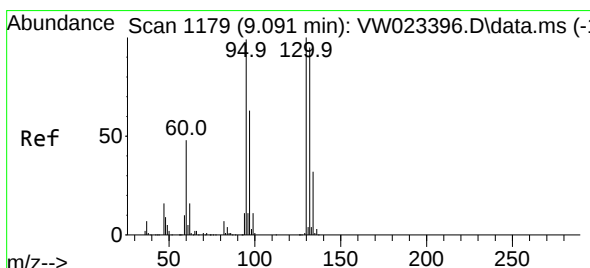
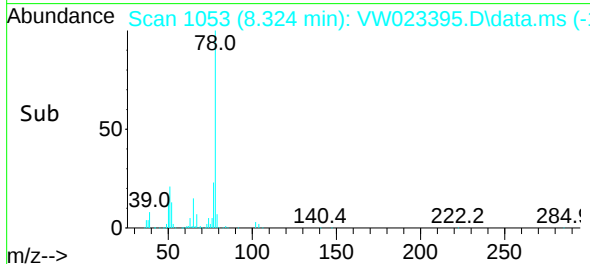
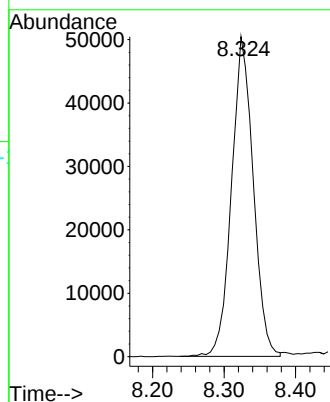
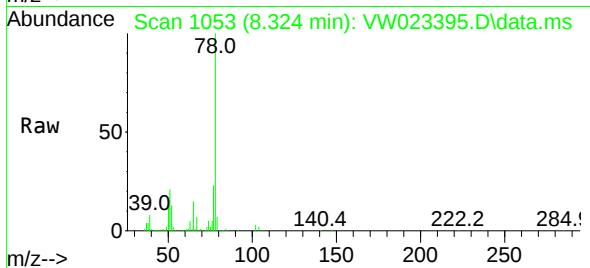




#33
Benzene
Concen: 5.343 ug/L
RT: 8.324 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

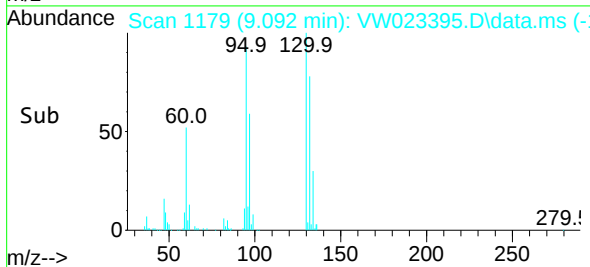
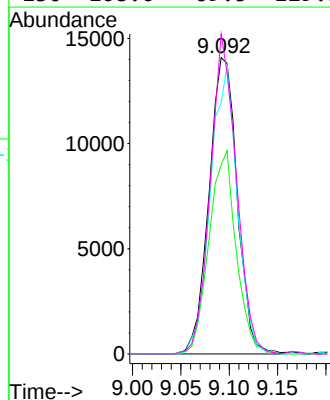
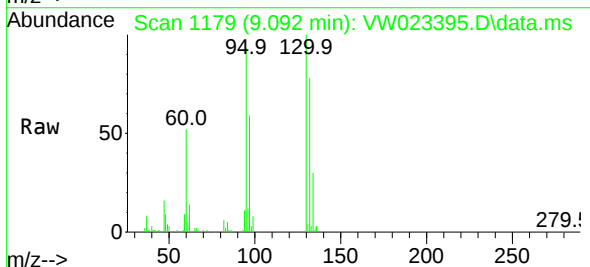
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

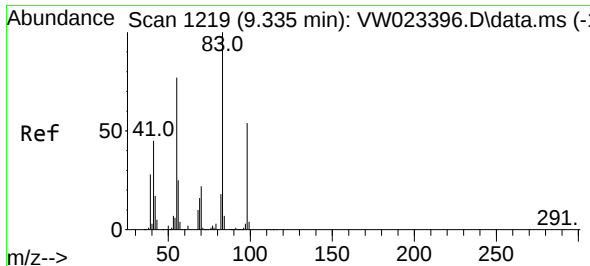
Tgt Ion: 78 Resp: 106058



#34
Trichloroethene
Concen: 5.299 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 95 Resp: 28492
Ion Ratio Lower Upper
95 100
97 63.7 46.1 85.7
132 84.7 66.9 124.3
130 108.0 69.5 129.1

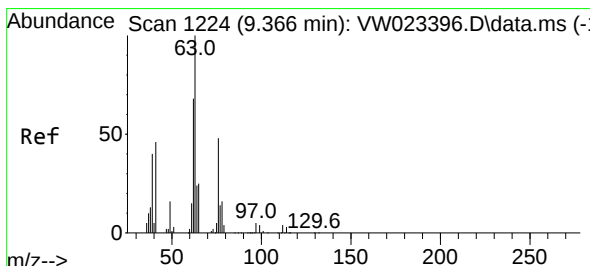
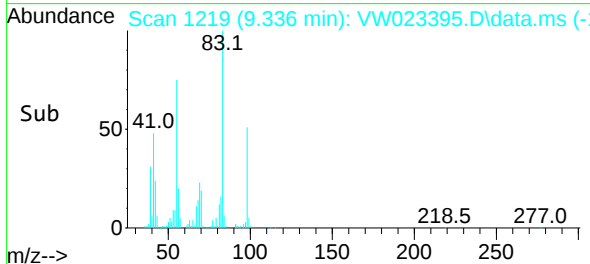
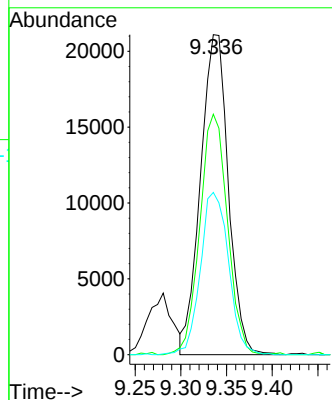
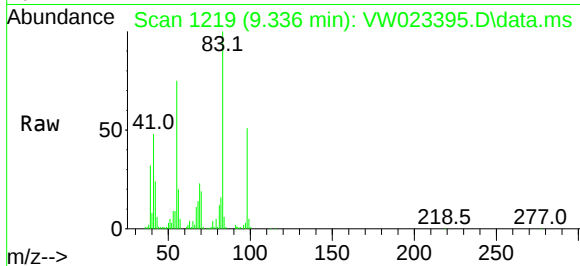




#35
Methylcyclohexane
Concen: 5.014 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

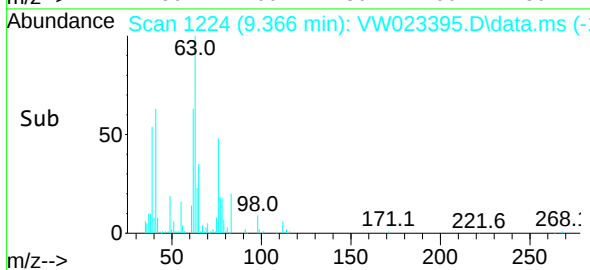
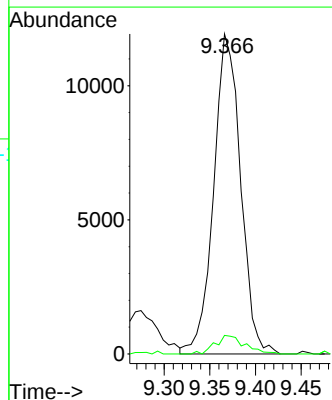
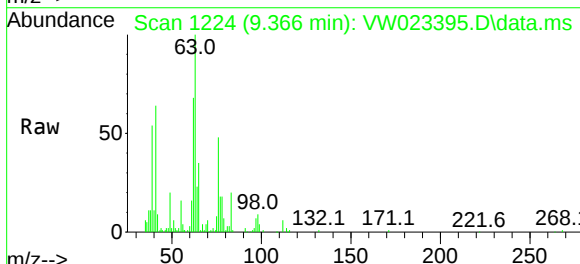
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

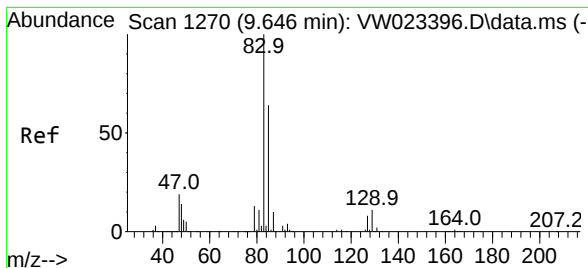
Tgt Ion: 83 Resp: 44656
Ion Ratio Lower Upper
83 100
55 74.6 55.1 82.7
98 51.3 40.4 60.6



#37
1,2-Dichloropropane
Concen: 5.244 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 63 Resp: 24423
Ion Ratio Lower Upper
63 100
112 6.1 3.8 5.8#





#38

Bromodichloromethane

Concen: 5.051 ug/L

RT: 9.640 min Scan# 1270

Delta R.T. -0.006 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD005414

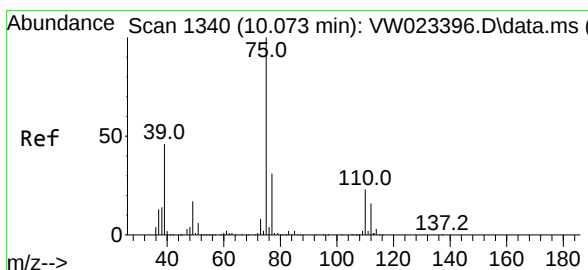
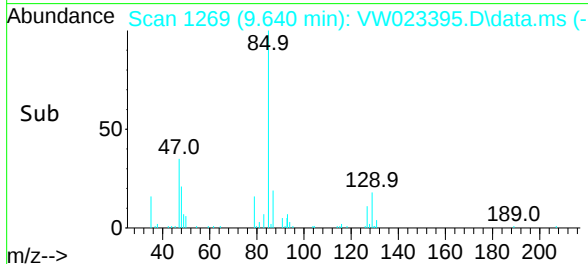
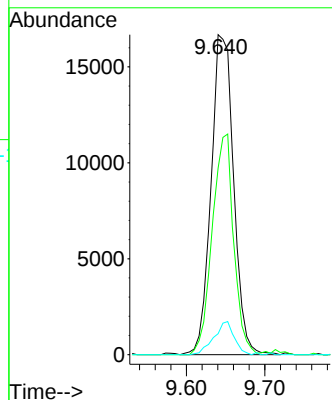
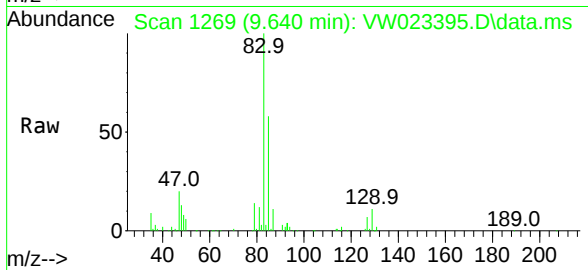
Tgt Ion: 83 Resp: 33404

Ion Ratio Lower Upper

83 100

85 58.3 43.5 80.7

127 6.5 7.1 10.7#



#39

cis-1,3-Dichloropropene

Concen: 4.703 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023395.D

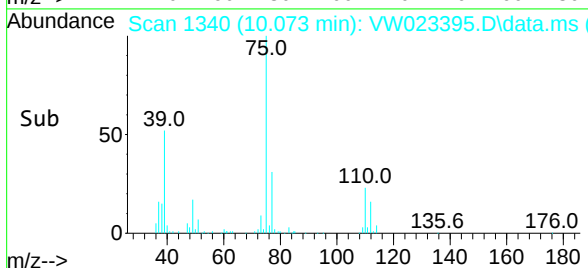
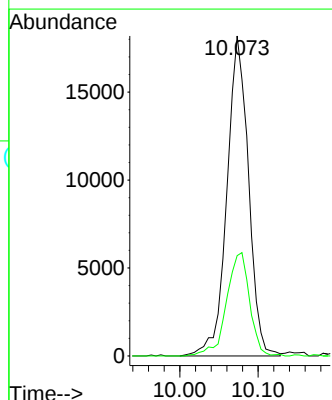
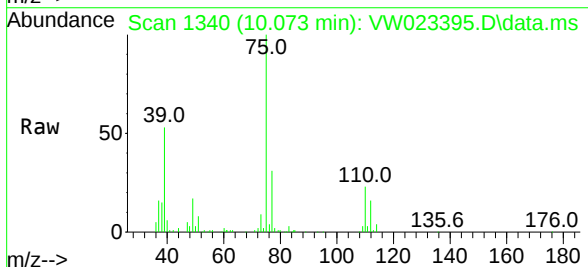
Acq: 06 Jun 2022 09:24

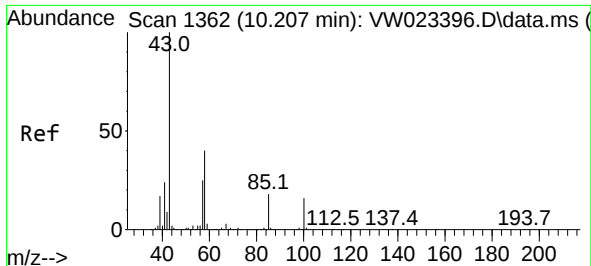
Tgt Ion: 75 Resp: 34822

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 9.478 ug/L

RT: 10.207 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD005414

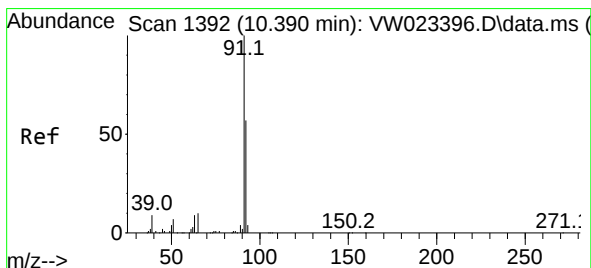
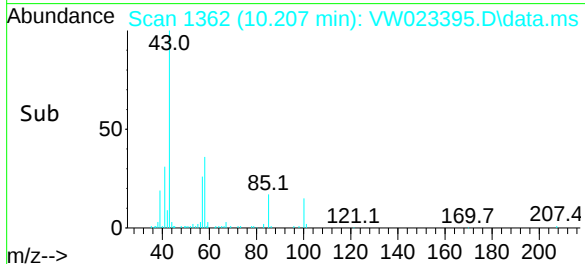
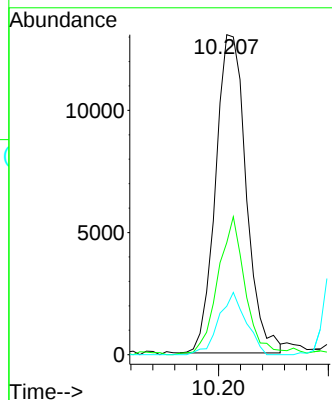
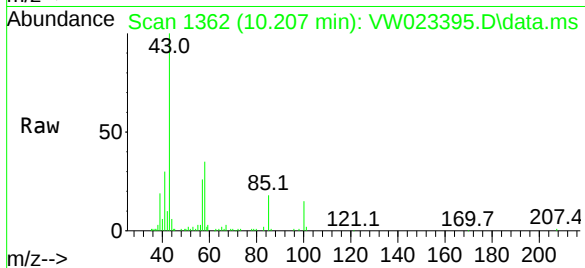
Tgt Ion: 43 Resp: 25142

Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2

100 17.5 14.2 21.4



#42

Toluene

Concen: 5.212 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW023395.D

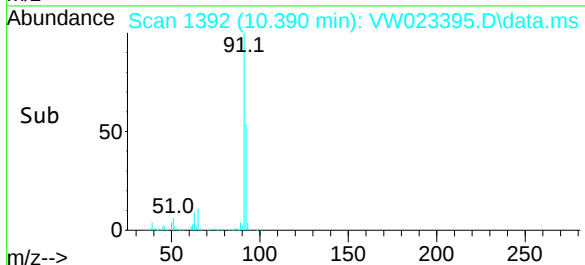
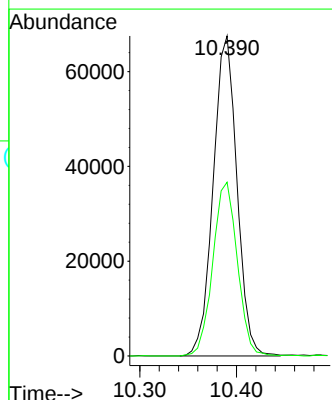
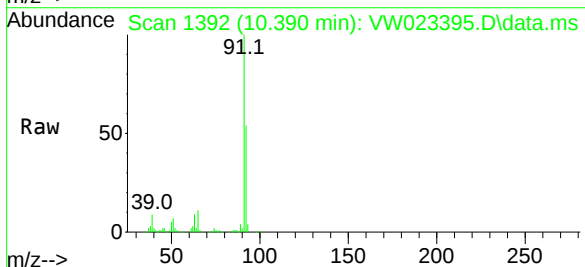
Acq: 06 Jun 2022 09:24

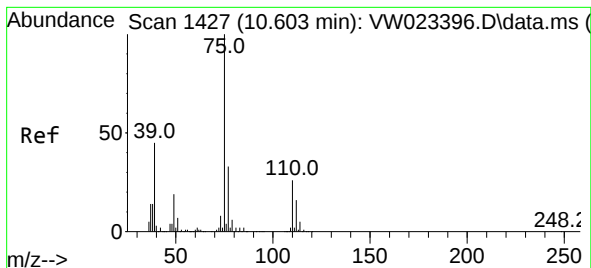
Tgt Ion: 91 Resp: 115176

Ion Ratio Lower Upper

91 100

92 54.3 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 4.612 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

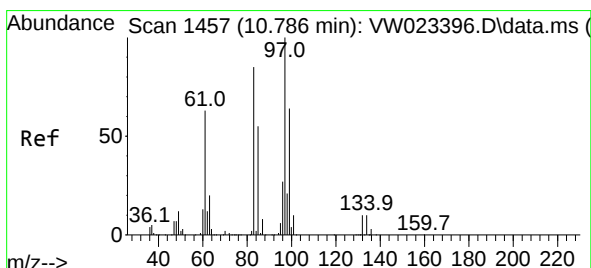
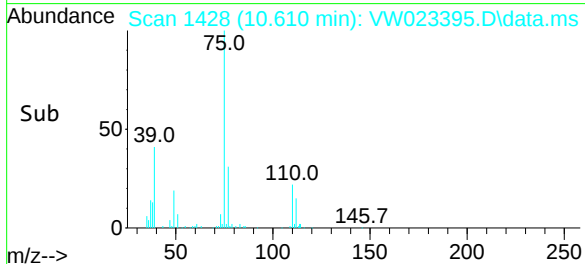
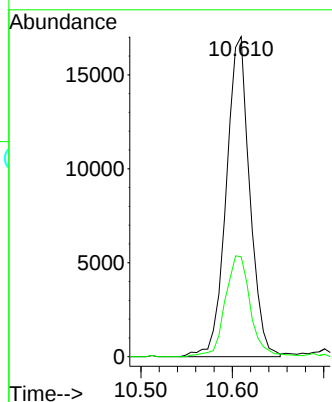
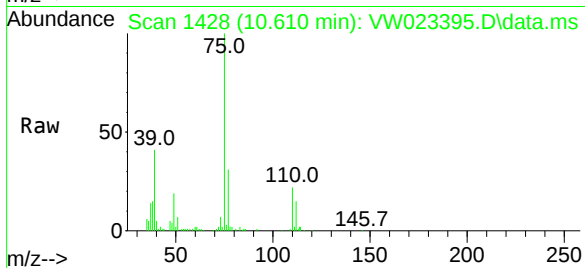
VSTD005414

Tgt Ion: 75 Resp: 30448

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 4.929 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Tgt Ion: 97 Resp: 18857

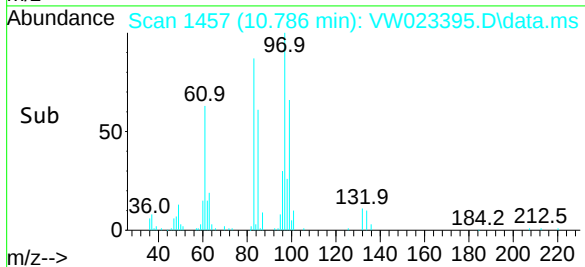
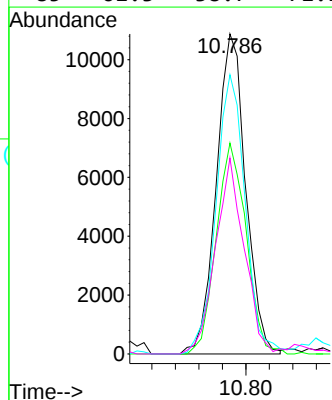
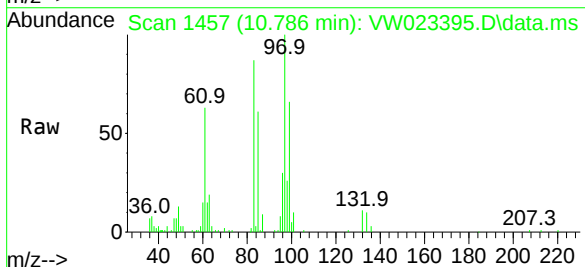
Ion Ratio Lower Upper

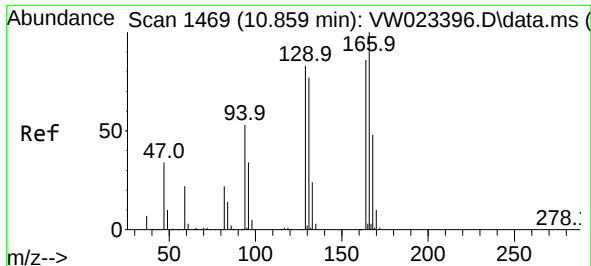
97 100

99 65.9 44.7 82.9

83 87.2 58.4 108.4

85 61.3 38.7 71.9

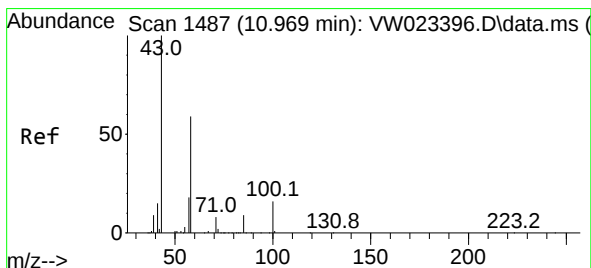
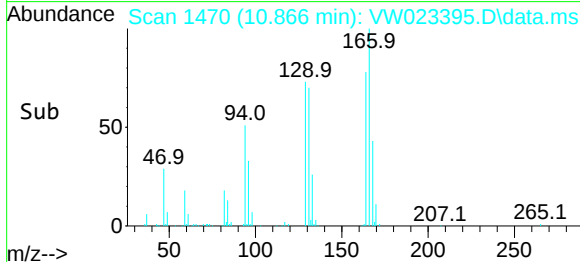
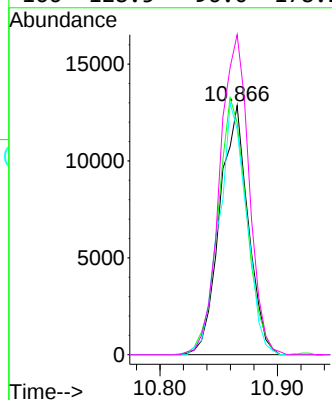
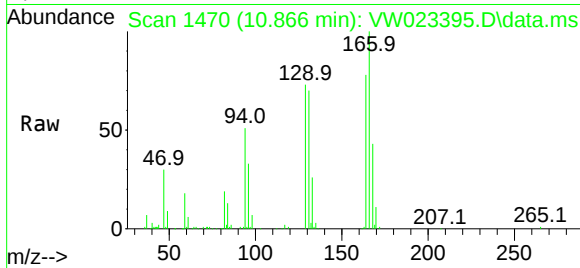




#46
Tetrachloroethene
Concen: 5.058 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

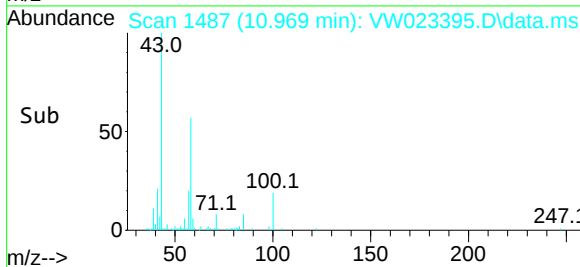
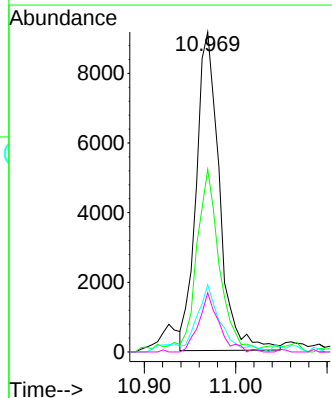
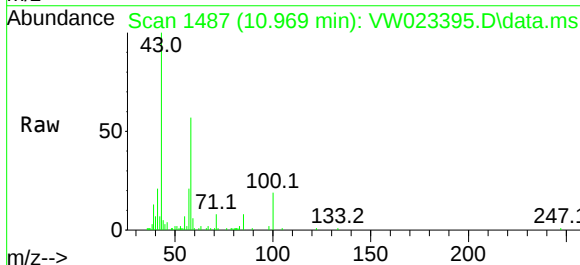
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

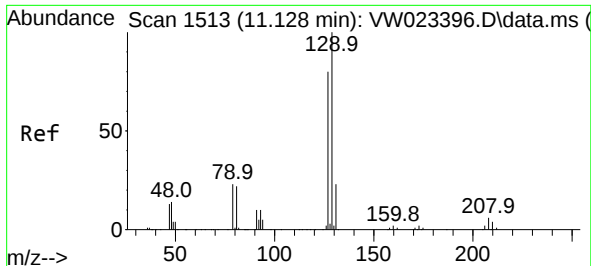
Tgt Ion:	164	Resp:	21672
Ion	Ratio	Lower	Upper
164	100		
129	93.1	76.9	142.7
131	90.5	75.1	139.5
166	128.5	96.0	178.2



#48
2-Hexanone
Concen: 9.106 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion:	43	Resp:	16128
Ion	Ratio	Lower	Upper
43	100		
58	54.2	45.9	68.9
57	19.9	16.2	24.2
100	15.1	10.7	16.1





#49

Dibromochloromethane

Concen: 4.680 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

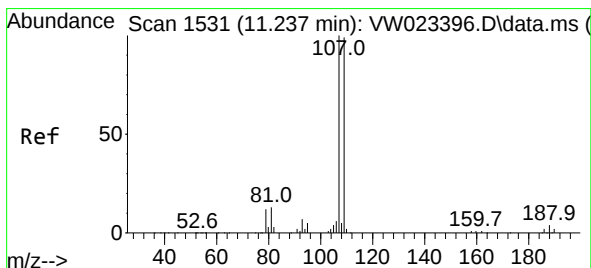
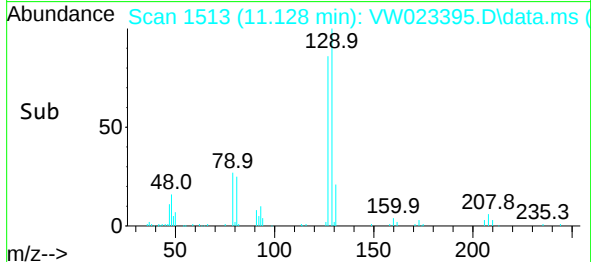
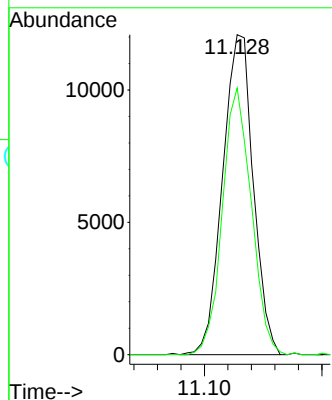
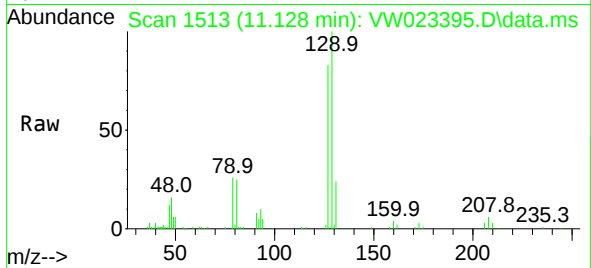
VSTD005414

Tgt Ion:129 Resp: 21954

Ion Ratio Lower Upper

129 100

127 83.3 53.8 100.0



#50

1,2-Dibromoethane

Concen: 5.038 ug/L

RT: 11.238 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

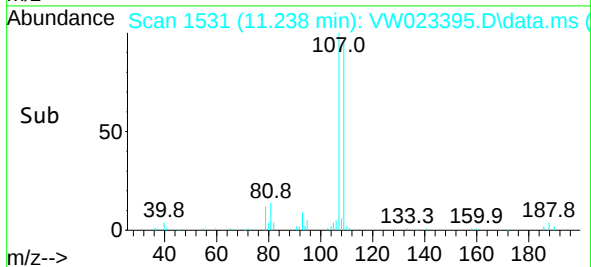
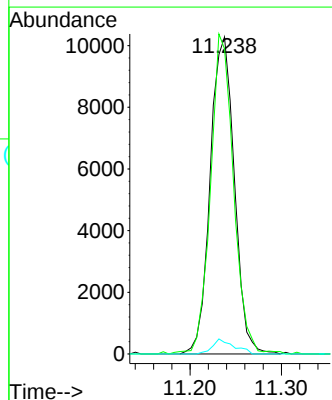
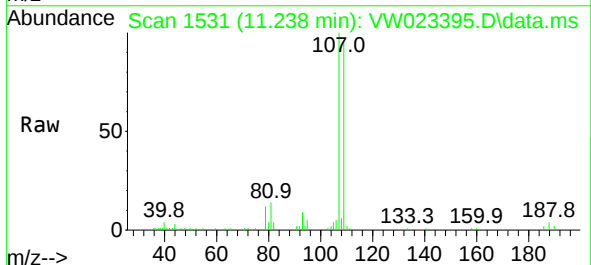
Tgt Ion:107 Resp: 18856

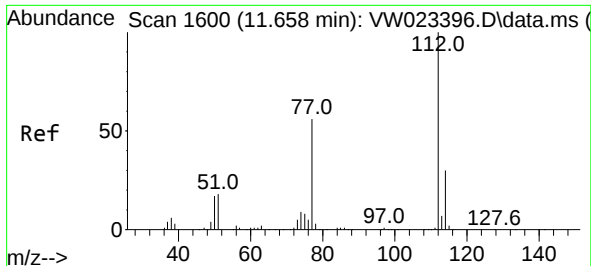
Ion Ratio Lower Upper

107 100

109 96.3 67.5 125.4

188 3.6 2.9 4.3

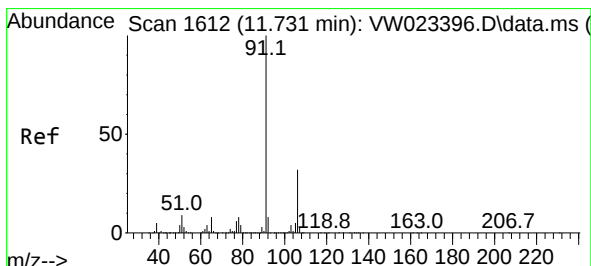
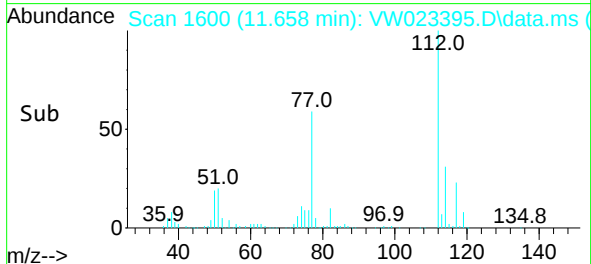
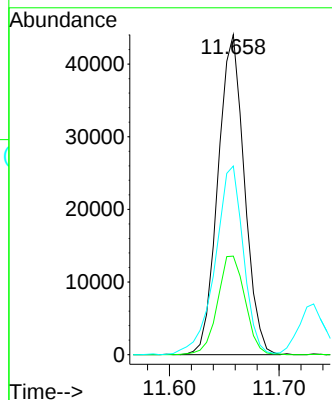
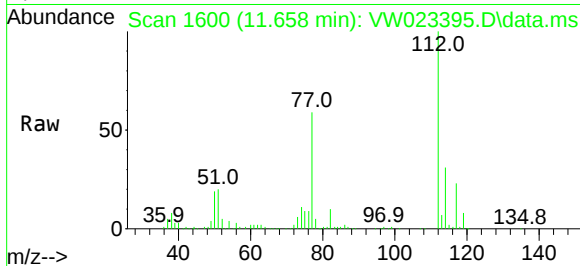




#51
Chlorobenzene
Concen: 5.049 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

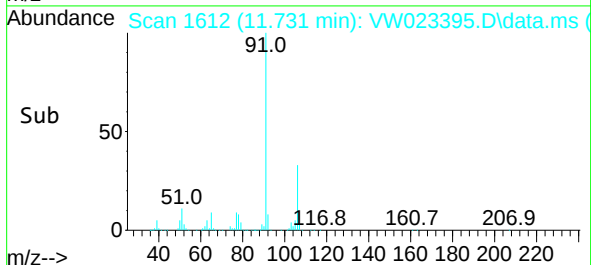
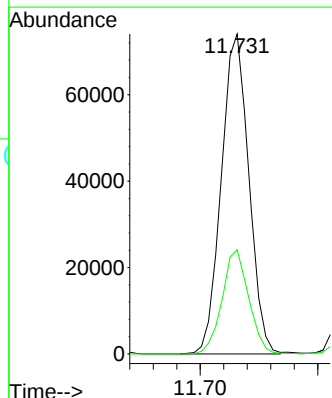
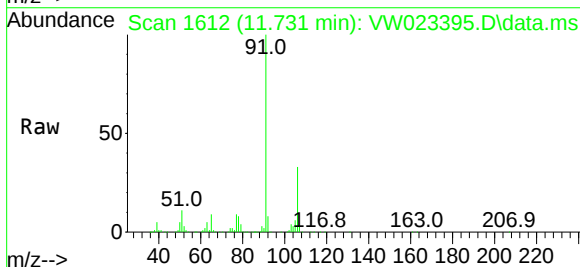
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

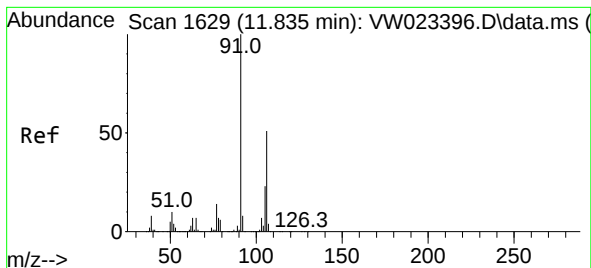
Tgt Ion:112 Resp: 73790
Ion Ratio Lower Upper
112 100
114 30.8 22.0 41.0
77 59.0 42.6 63.8



#52
Ethylbenzene
Concen: 4.960 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 91 Resp: 120475
Ion Ratio Lower Upper
91 100
106 32.6 22.3 41.3





#53

m,p-Xylene

Concen: 4.768 ug/L

RT: 11.841 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

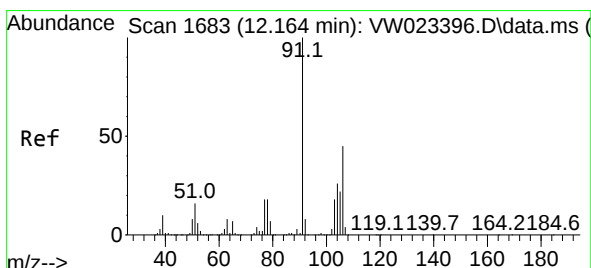
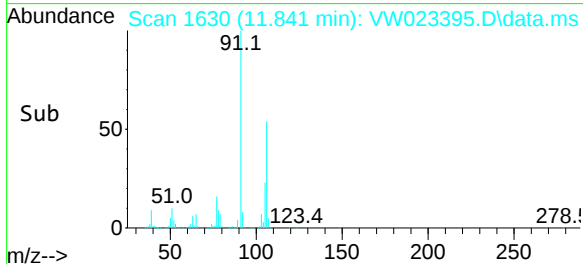
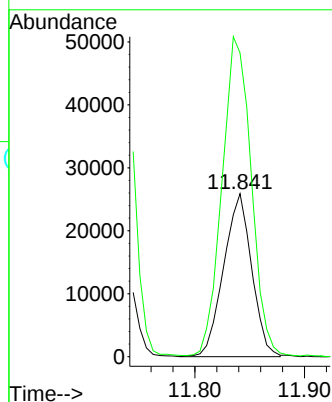
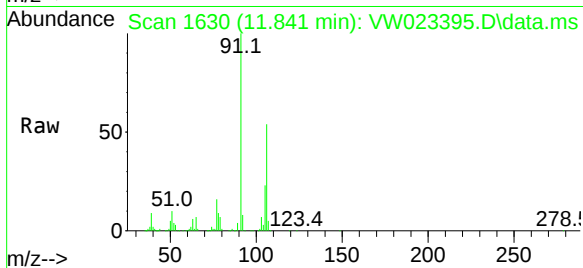
VSTD005414

Tgt Ion:106 Resp: 45877

Ion Ratio Lower Upper

106 100

91 186.3 136.8 254.0



#54

o-Xylene

Concen: 4.643 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW023395.D

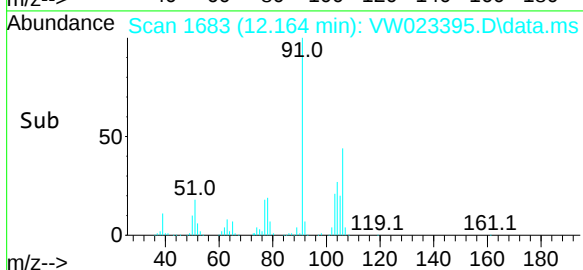
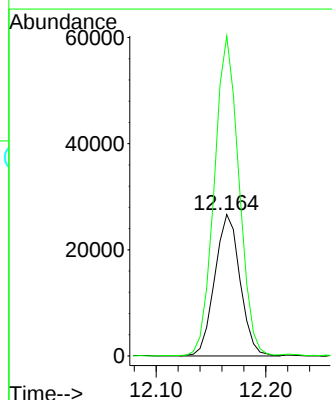
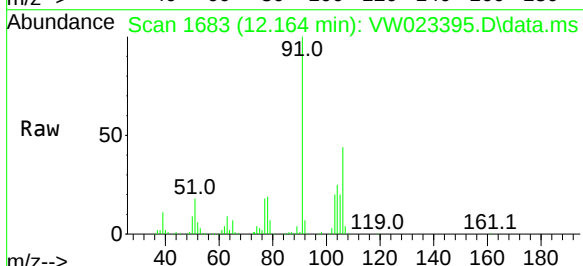
Acq: 06 Jun 2022 09:24

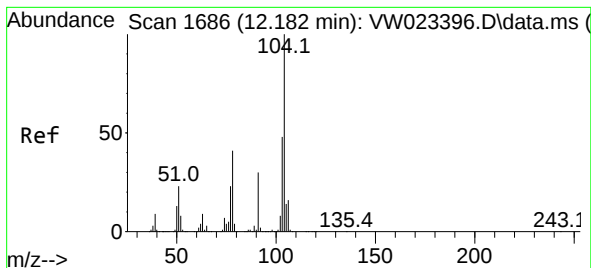
Tgt Ion:106 Resp: 42787

Ion Ratio Lower Upper

106 100

91 226.3 147.2 273.4





#55

Styrene

Concen: 4.682 ug/L

RT: 12.176 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

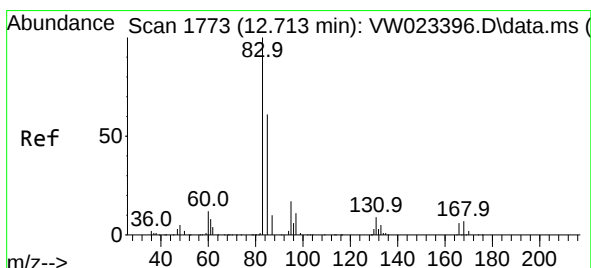
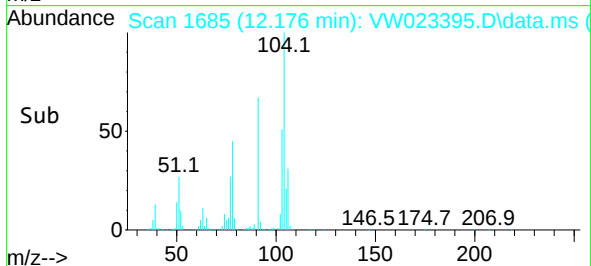
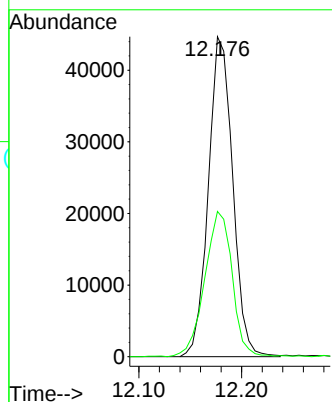
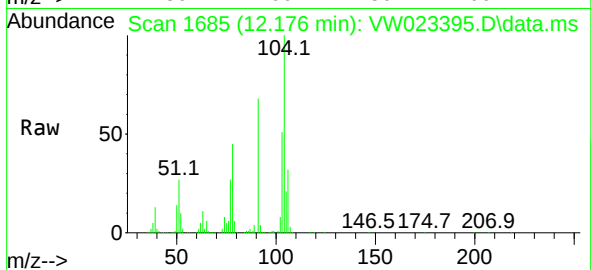
VSTD005414

Tgt Ion:104 Resp: 73432

Ion Ratio Lower Upper

104 100

78 45.4 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 5.252 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

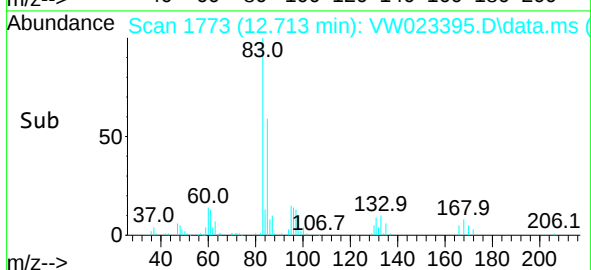
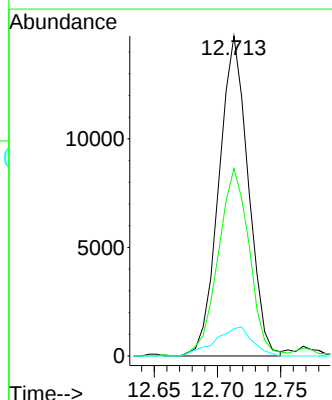
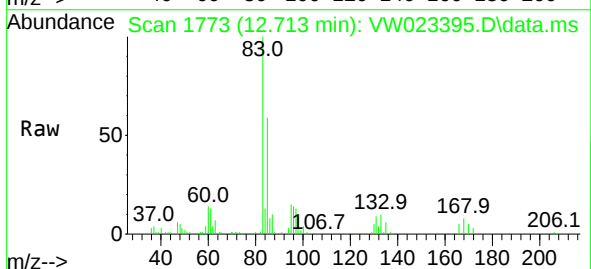
Tgt Ion: 83 Resp: 23755

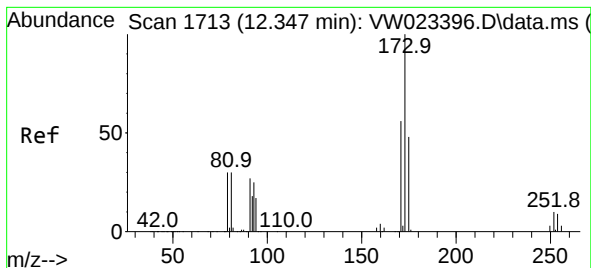
Ion Ratio Lower Upper

83 100

85 58.6 47.5 88.1

131 8.5 8.7 13.1#





#59

Bromoform

Concen: 4.438 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD005414

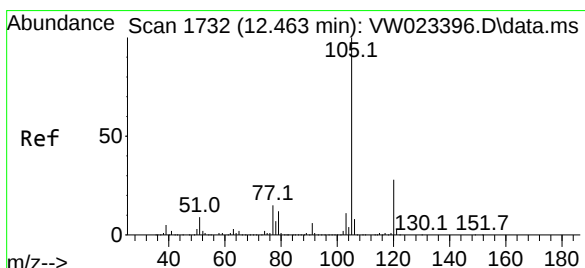
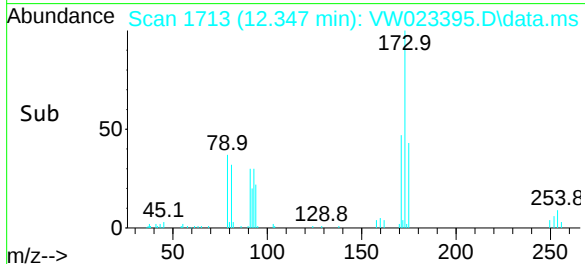
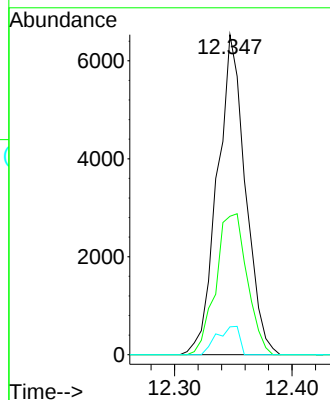
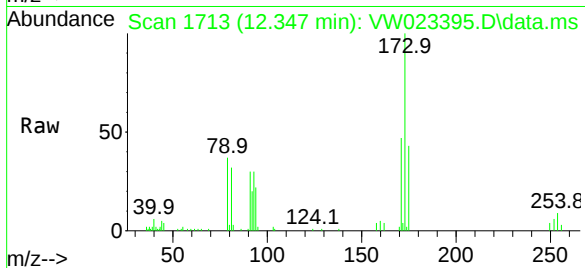
Tgt Ion:173 Resp: 10861

Ion Ratio Lower Upper

173 100

175 49.0 38.1 57.1

254 7.1 6.5 9.7



#60

Isopropylbenzene

Concen: 5.143 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

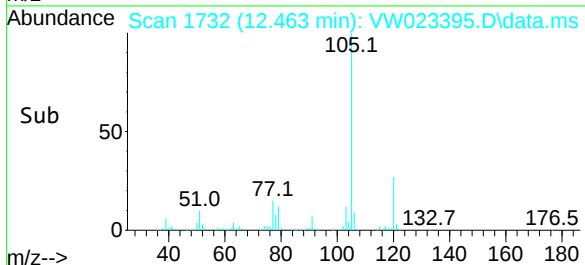
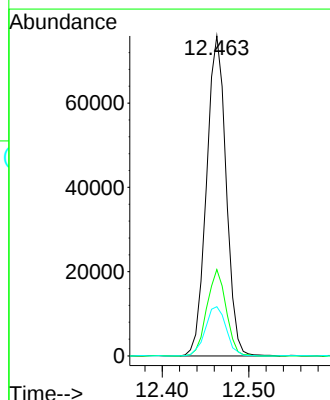
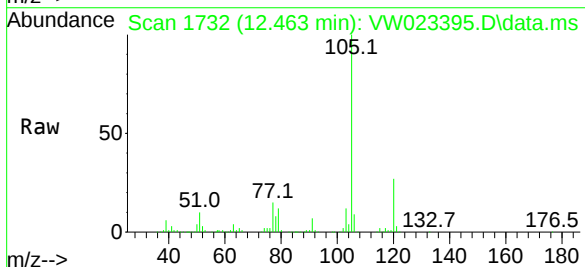
Tgt Ion:105 Resp: 119311

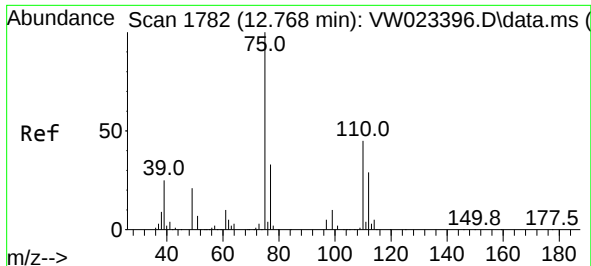
Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 16.5 12.6 19.0

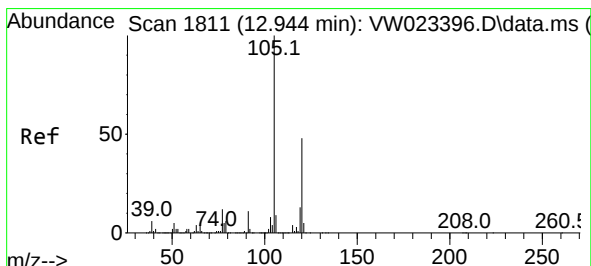
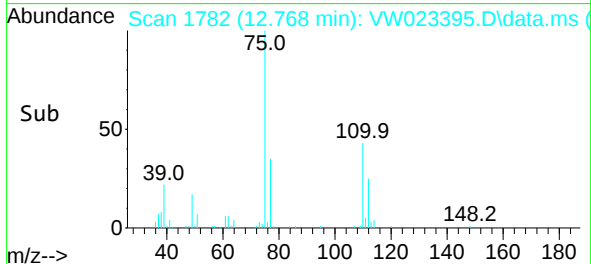
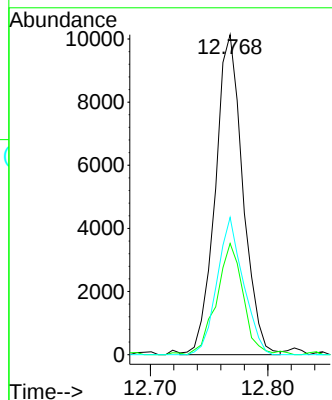
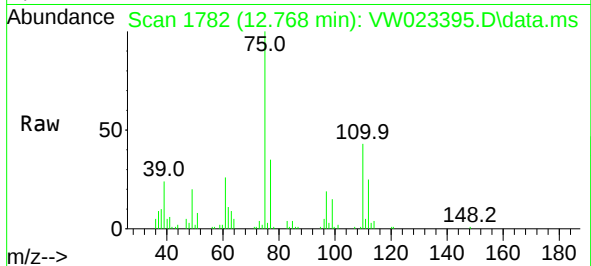




#61
1,2,3-Trichloropropane
Concen: 5.442 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

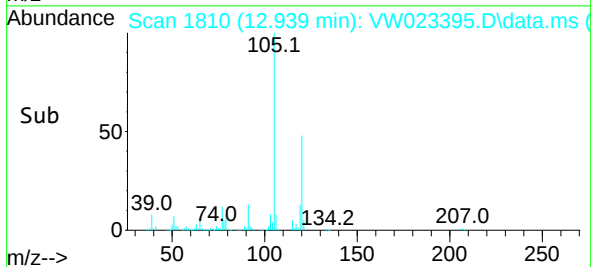
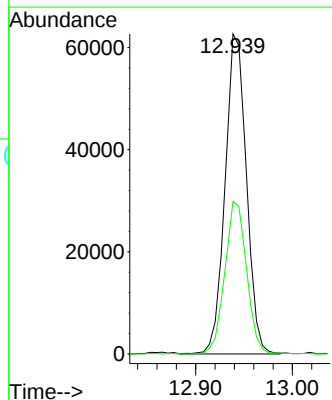
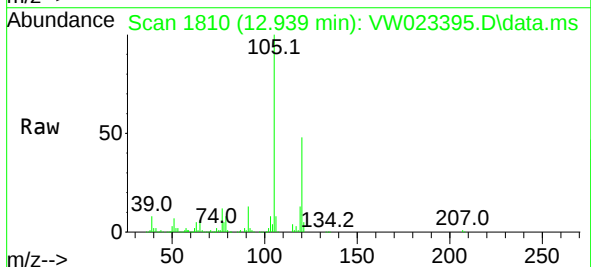
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

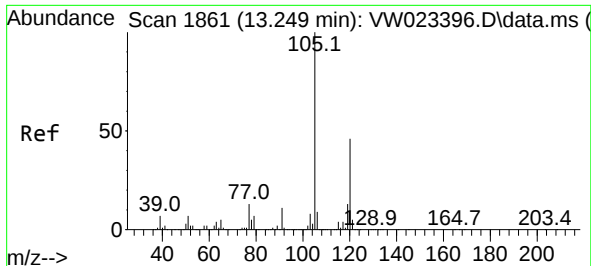
Tgt Ion: 75 Resp: 16542
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 40.8 34.1 51.1



#62
1,3,5-Trimethylbenzene
Concen: 5.013 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 105 Resp: 95722
Ion Ratio Lower Upper
105 100
120 48.7 38.9 58.3

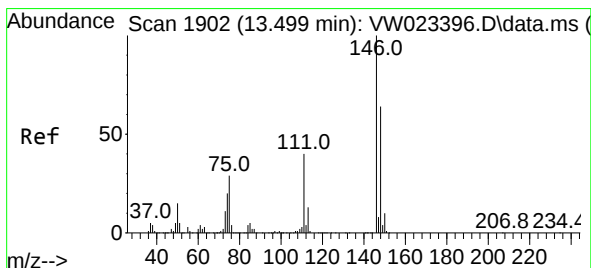
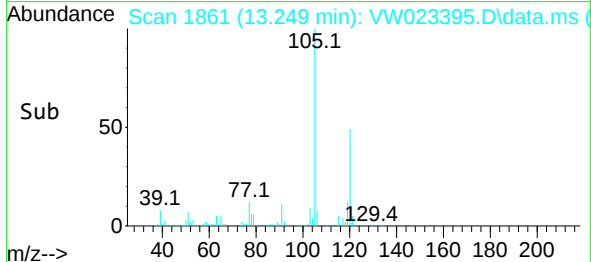
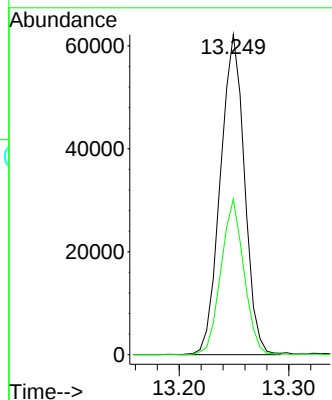
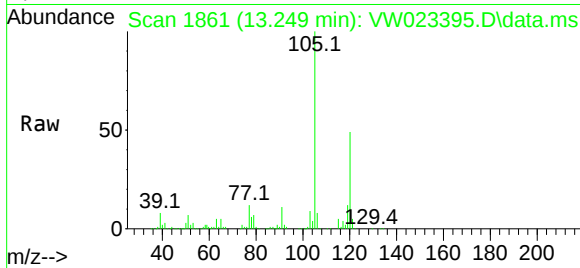




#63
1,2,4-Trimethylbenzene
Concen: 6.081 ug/L
RT: 13.249 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

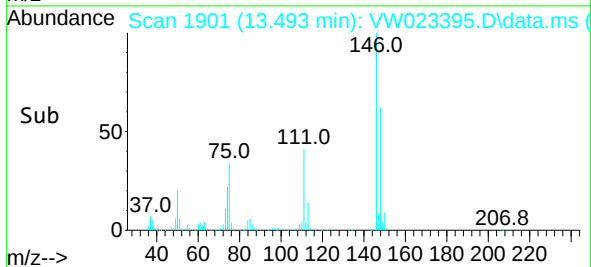
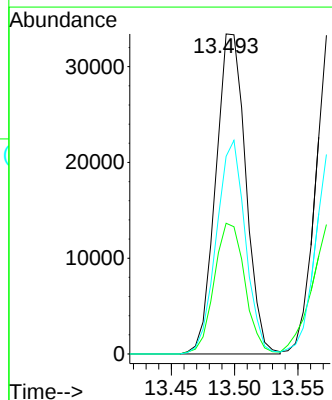
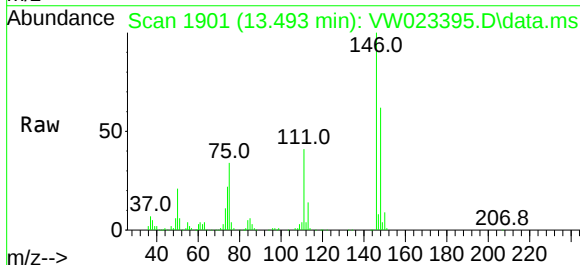
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

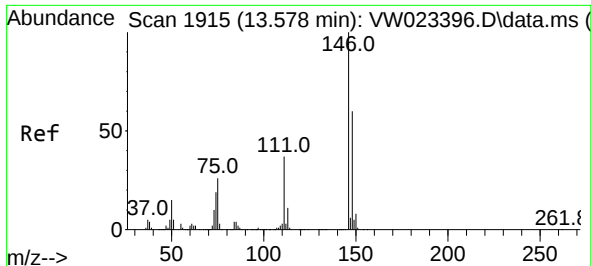
Tgt Ion:105 Resp: 95118
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 5.238 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion:146 Resp: 55151
Ion Ratio Lower Upper
146 100
111 40.9 29.5 54.9
148 61.7 48.6 90.2

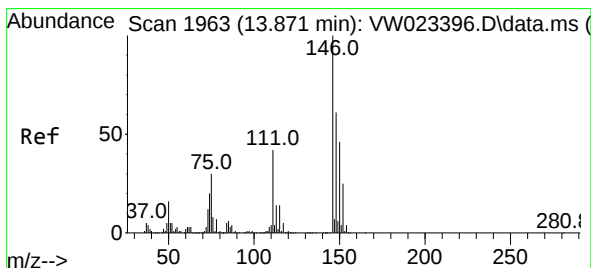
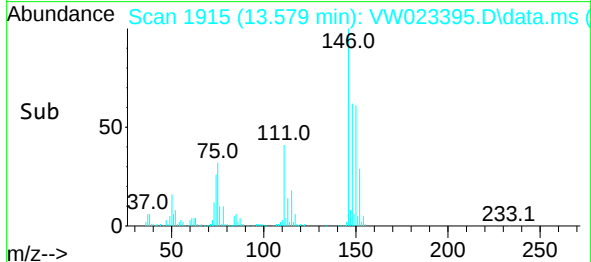
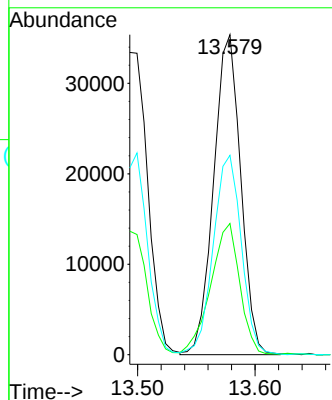
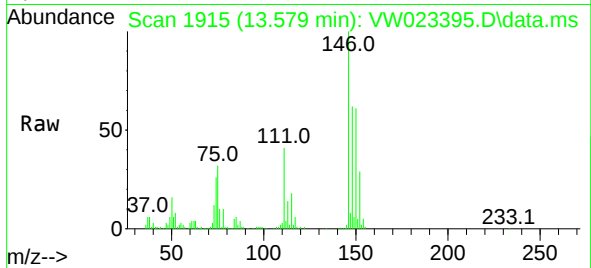




#65
1,4-Dichlorobenzene
Concen: 5.248 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

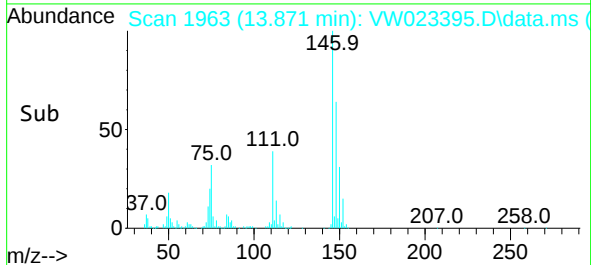
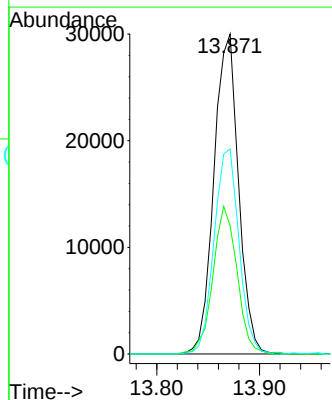
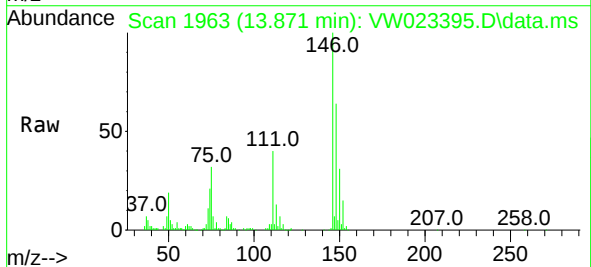
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

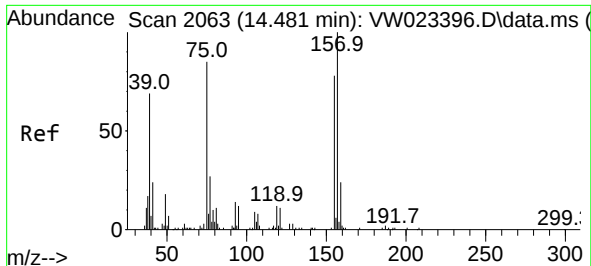
Tgt Ion:146 Resp: 56690
Ion Ratio Lower Upper
146 100
111 41.0 27.2 50.4
148 62.3 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 5.203 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion:146 Resp: 49820
Ion Ratio Lower Upper
146 100
111 40.0 35.7 53.5
148 64.0 52.6 79.0

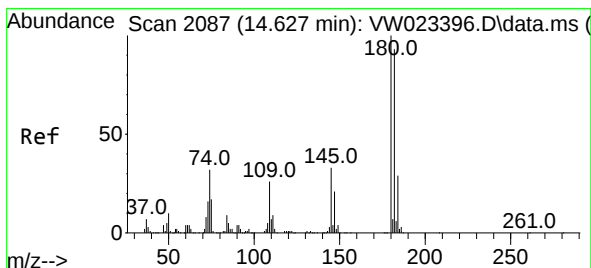
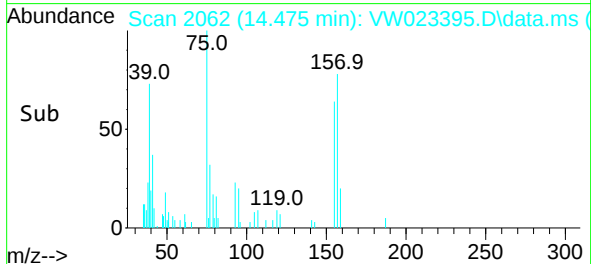
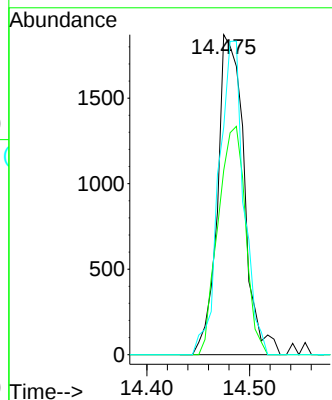
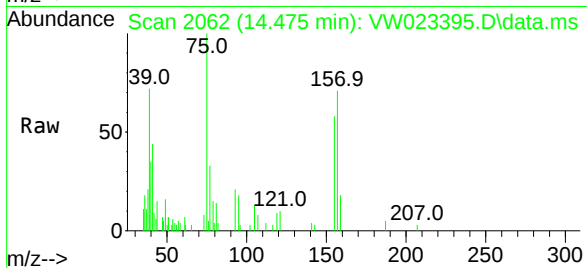




#68
1,2-Dibromo-3-chloropropane
Concen: 4.961 ug/L
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

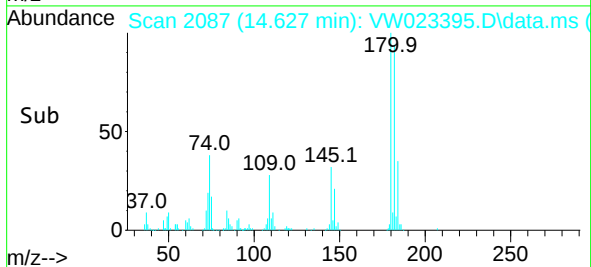
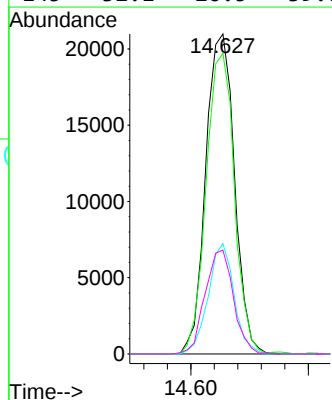
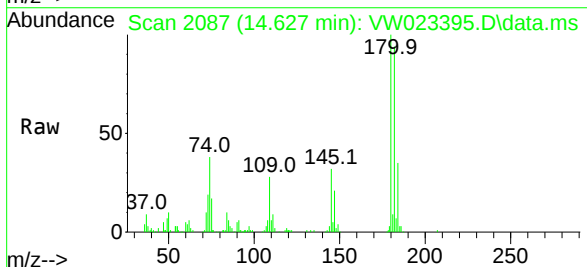
Instrument :
MSVOA_W
ClientSampleId :
VSTD005414

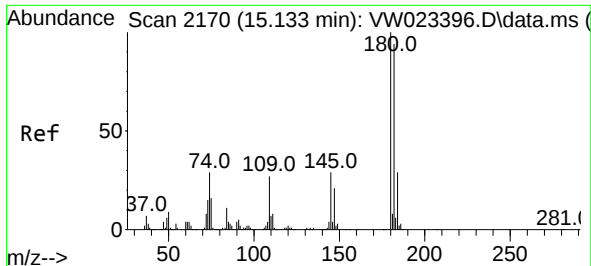
Tgt Ion: 75 Resp: 3346
Ion Ratio Lower Upper
75 100
155 57.6 59.3 88.9#
157 71.0 89.8 134.8#



#69
1,3,5-Trichlorobenzene
Concen: 5.118 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023395.D
Acq: 06 Jun 2022 09:24

Tgt Ion: 180 Resp: 35571
Ion Ratio Lower Upper
180 100
182 92.4 74.8 112.2
184 31.0 23.4 35.2
145 32.1 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 4.805 ug/L

RT: 15.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD005414

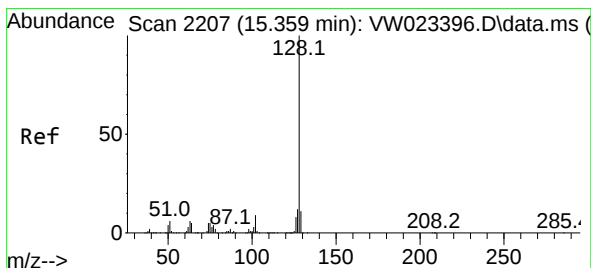
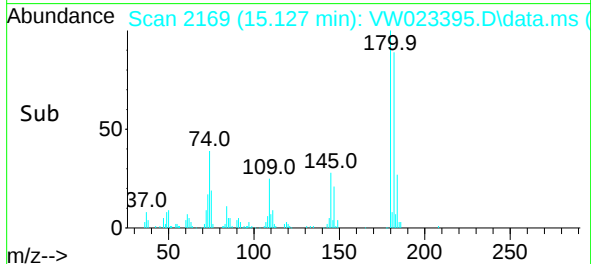
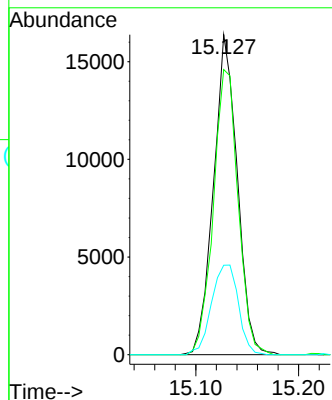
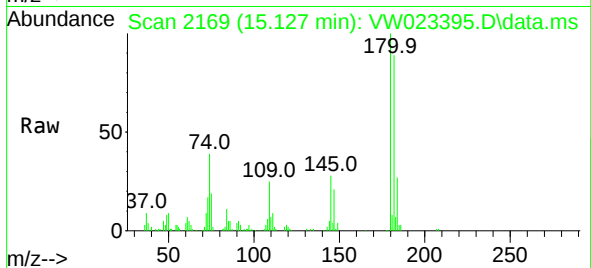
Tgt Ion:180 Resp: 26366

Ion Ratio Lower Upper

180 100

182 92.5 74.9 112.3

145 31.5 26.6 39.8



#71

Naphthalene

Concen: 4.321 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW023395.D

Acq: 06 Jun 2022 09:24

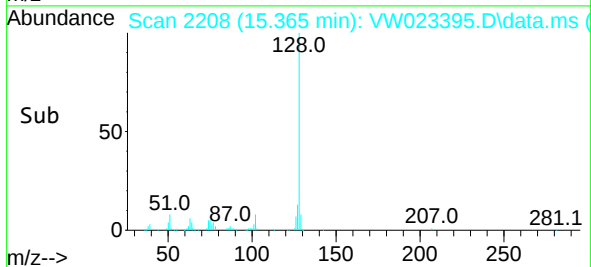
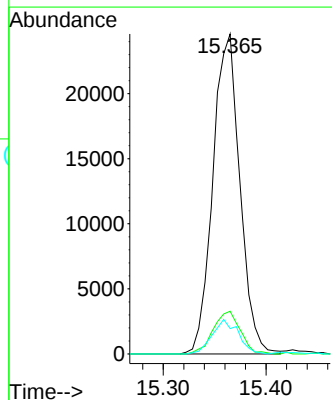
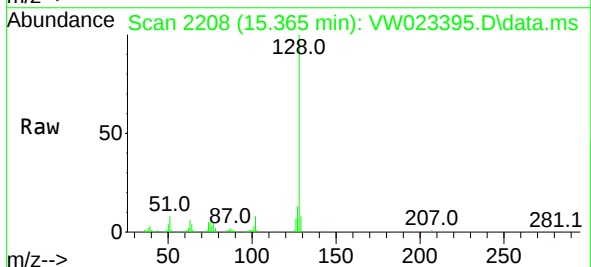
Tgt Ion:128 Resp: 44841

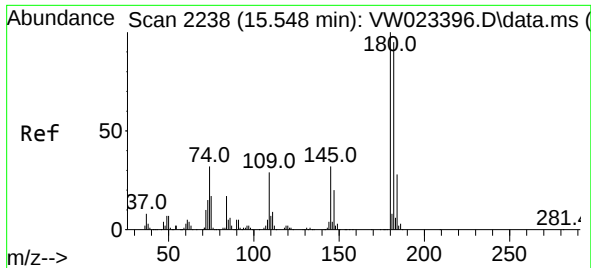
Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.4 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 4.750 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023395.D
 Acq: 06 Jun 2022 09:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005414

Tgt Ion:180	Resp:	22755
Ion Ratio	Lower	Upper
180	100	
182	93.5	73.5 110.3
145	32.6	27.9 41.9

