

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023398.D
 Acq On : 06 Jun 2022 10:36
 Operator : SY/VA
 Sample : VSTD10017
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100417

Quant Time: Jun 06 11:13:58 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	467491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	443352	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	238934	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	657532	76.685	ug/L	0.00
7) Chloroethane-d5	2.885	69	492129	83.753	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	984616	79.094	ug/L	0.00
21) 2-Butanone-d5	7.080	46	244035	142.823	ug/L	0.00
24) Chloroform-d	7.653	84	1118020	74.817	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	571255	72.387	ug/L	0.00
32) Benzene-d6	8.275	84	2196116	75.589	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	621284	74.627	ug/L	0.00
41) Toluene-d8	10.323	98	2213627	78.595	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	294393	79.045	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	205616	153.842	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	526546	72.634	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	786855	76.019	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	215763	115.674	ug/L	92
3) Chloromethane	2.221	50	517627	87.945	ug/L	99
5) Vinyl chloride	2.361	62	785040	86.244	ug/L	100
6) Bromomethane	2.776	94	412248	95.870	ug/L	94
8) Chloroethane	2.922	64	401812	98.649	ug/L	97
9) Trichlorofluoromethane	3.257	101	374954	87.308	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	532193	85.660	ug/L	96
12) 1,1-Dichloroethene	4.038	96	497288	91.565	ug/L	91
13) Acetone	4.117	43	151386	144.088	ug/L	99
14) Carbon disulfide	4.385	76	1622306	89.922	ug/L	100
15) Methyl Acetate	4.666	43	196756	85.393	ug/L	97
16) Methylene chloride	4.922	84	529461	78.379	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	585969	92.504	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	852583	91.140	ug/L	99
19) 1,1-Dichloroethane	6.220	63	962593	89.709	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	617150	92.395	ug/L #	96
22) 2-Butanone	7.171	43	263364	166.598	ug/L	99
23) Bromochloromethane	7.513	128	289047	91.160	ug/L	93
25) Chloroform	7.677	83	1048255	88.940	ug/L	97
27) 1,2-Dichloroethane	8.403	62	660554	86.511	ug/L	98
29) Cyclohexane	7.958	56	913248	95.168	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	941658	90.761	ug/L	98
31) Carbon tetrachloride	8.067	117	877896	90.032	ug/L	100
33) Benzene	8.324	78	2340217	90.676	ug/L	100
34) Trichloroethene	9.092	95	629183	90.002	ug/L	96
35) Methylcyclohexane	9.336	83	1123078	96.997	ug/L	99
37) 1,2-Dichloropropane	9.372	63	539708	89.135	ug/L	100
38) Bromodichloromethane	9.646	83	791895	92.102	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	937153	97.352	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	618131	179.243	ug/L	98
42) Toluene	10.390	91	2711252	94.366	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	828735	96.544	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023398.D
 Acq On : 06 Jun 2022 10:36
 Operator : SY/VA
 Sample : VSTD10017
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100417

Quant Time: Jun 06 11:13:58 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)

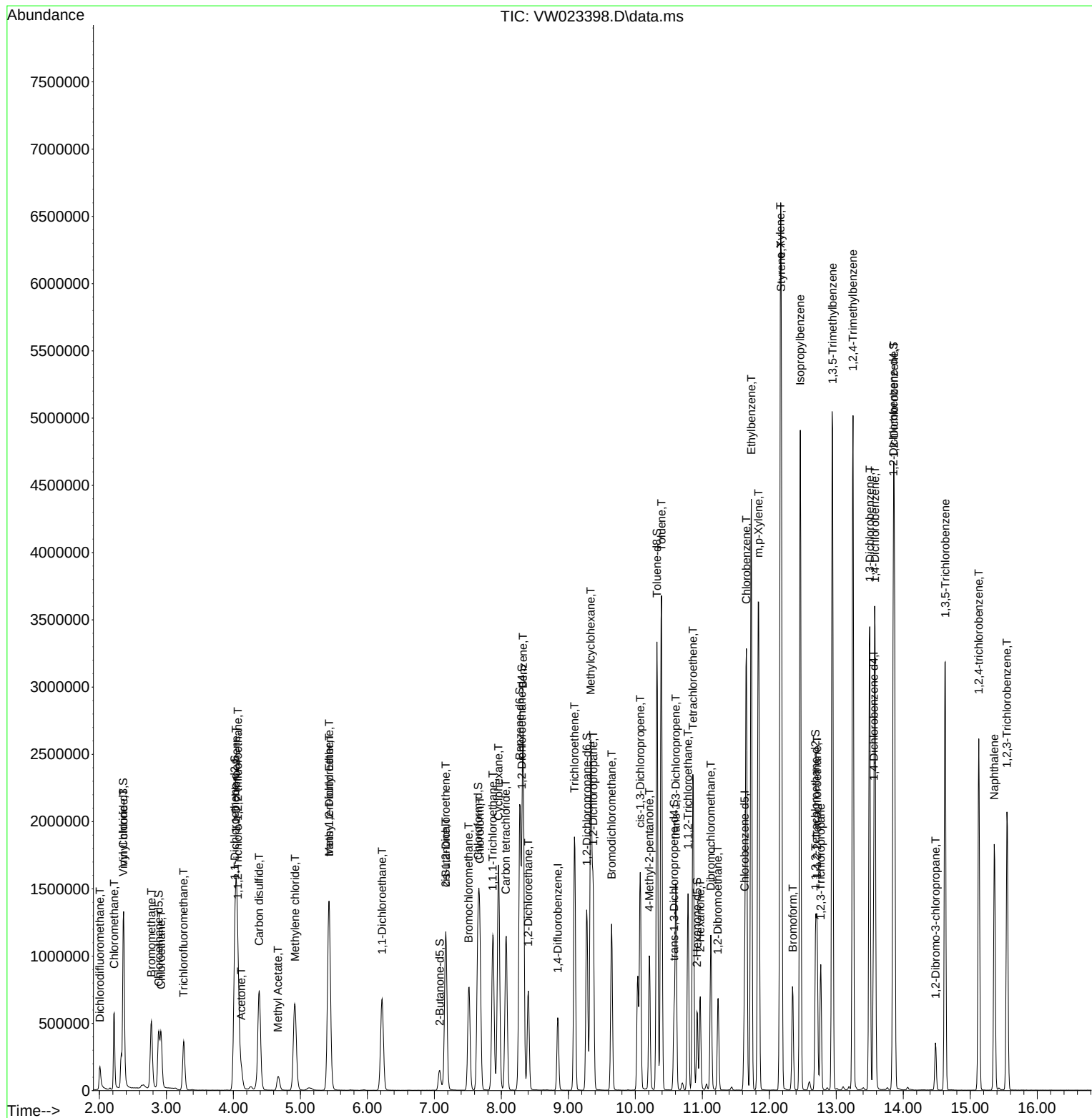
45) 1,1,2-Trichloroethane	10.787	97	443680	89.203	ug/L	100
46) Tetrachloroethene	10.860	164	524562	94.166	ug/L	90
48) 2-Hexanone	10.969	43	423127	183.747	ug/L	99
49) Dibromochloromethane	11.128	129	577526	94.697	ug/L	99
50) 1,2-Dibromoethane	11.232	107	450309	92.540	ug/L	94
51) Chlorobenzene	11.658	112	1784628	93.930	ug/L	99
52) Ethylbenzene	11.731	91	3079206	97.517	ug/L	100
53) m,p-Xylene	11.841	106	1213760	97.033	ug/L	95
54) o-Xylene	12.164	106	1200096	100.175	ug/L	99
55) Styrene	12.177	104	2105212	103.246	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	520863	88.570	ug/L	94
59) Bromoform	12.353	173	332805	94.935	ug/L #	97
60) Isopropylbenzene	12.463	105	3223938	97.015	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	365703	83.983	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	2790910	102.046	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2728801	121.783	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	1439360	95.433	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	1427347	92.245	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	1310138	95.513	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	81444	84.307	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	1012504	101.698	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	790356	100.557	ug/L	98
71) Naphthalene	15.359	128	1555101	104.615	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	695791	101.393	ug/L	99

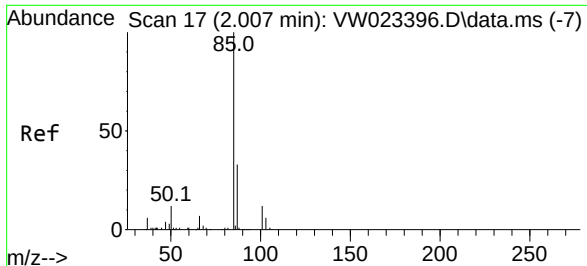
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
Data File : VW023398.D
Acq On : 06 Jun 2022 10:36
Operator : SY/VA
Sample : VSTD10017
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

Quant Time: Jun 06 11:13:58 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

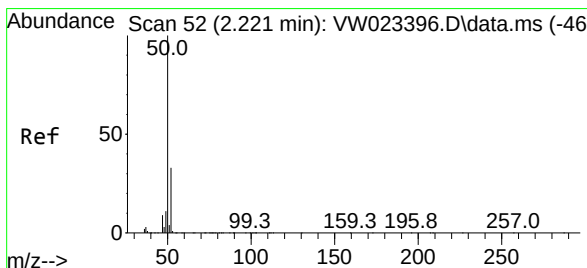
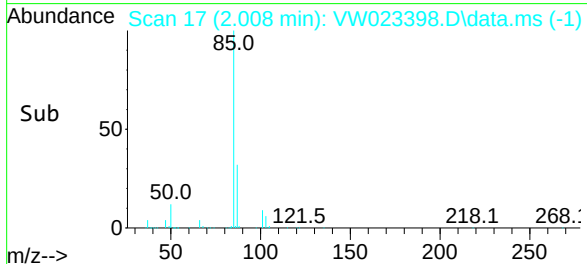
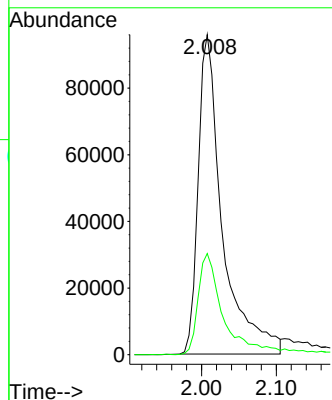
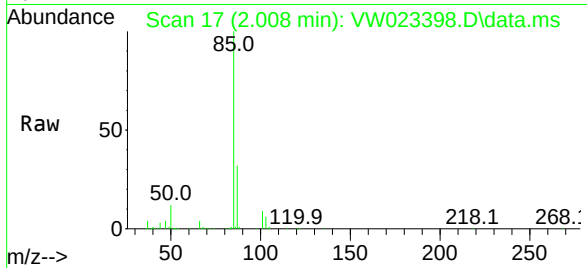




#2
Dichlorodifluoromethane
Concen: 115.674 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

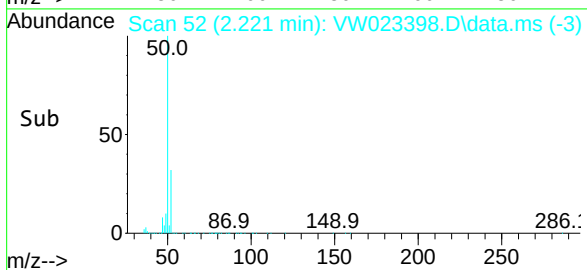
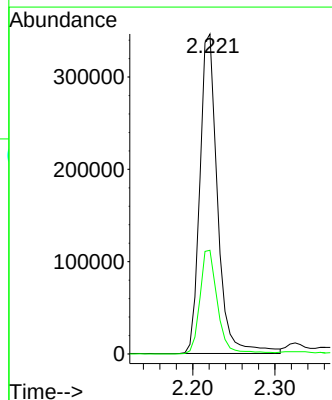
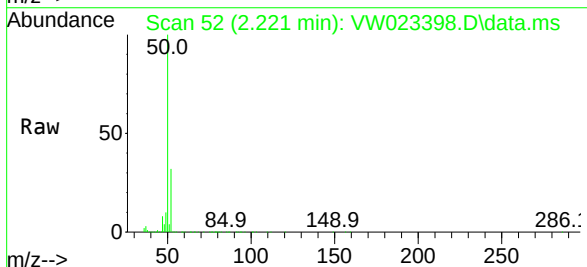
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

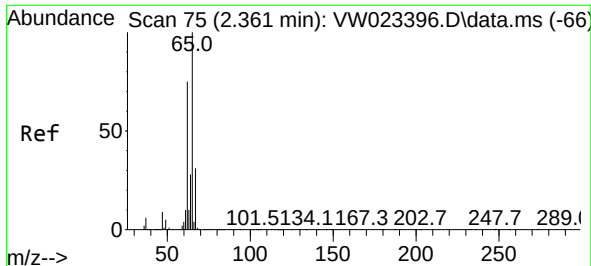
Tgt Ion: 85 Resp: 215763
Ion Ratio Lower Upper
85 100
87 30.4 27.8 41.8



#3
Chloromethane
Concen: 87.945 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 50 Resp: 517627
Ion Ratio Lower Upper
50 100
52 32.4 23.1 42.9

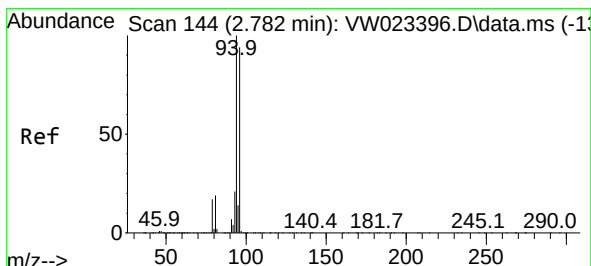
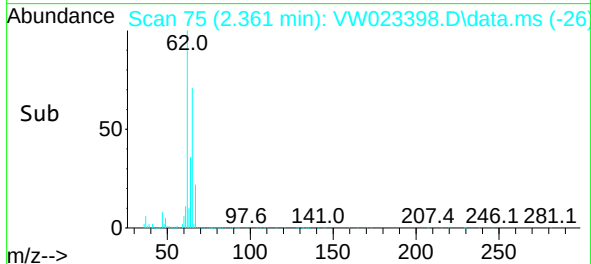
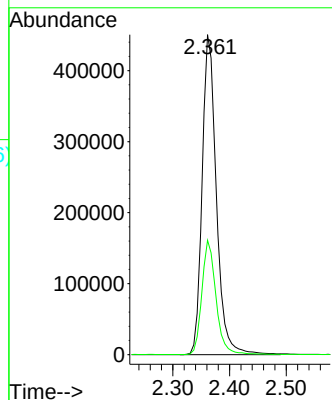
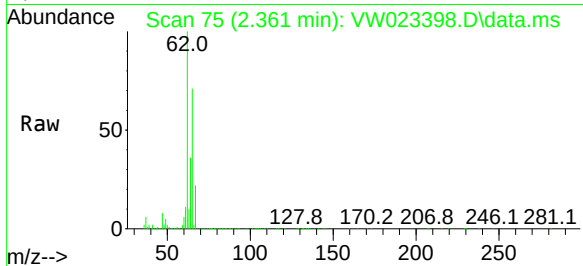




#5
 Vinyl chloride
 Concen: 86.244 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

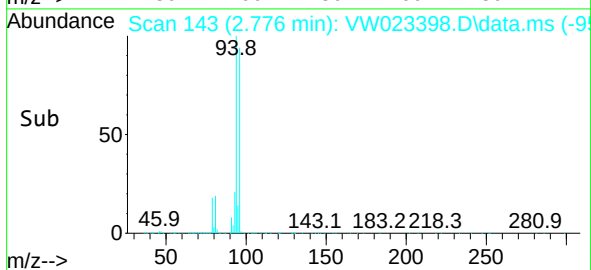
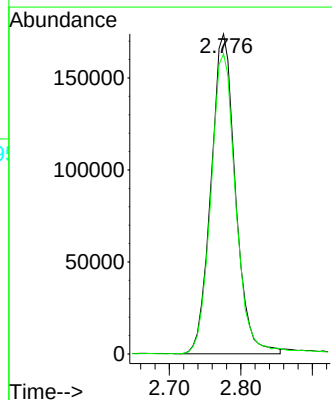
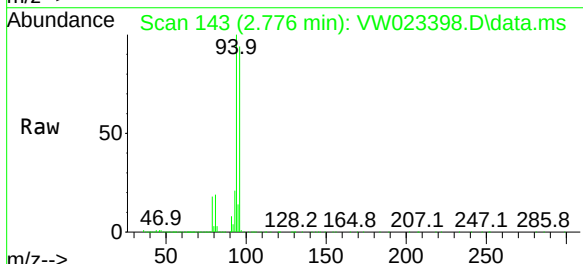
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100417

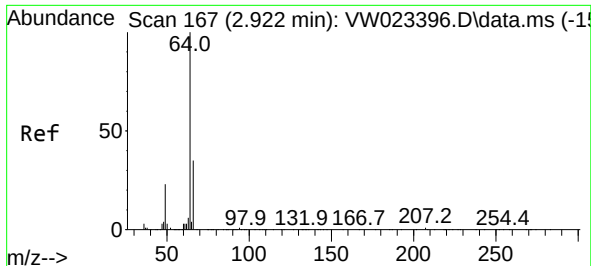
Tgt Ion: 62 Resp: 785040
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.9 46.3



#6
 Bromomethane
 Concen: 95.870 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

Tgt Ion: 94 Resp: 412248
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.7 114.5

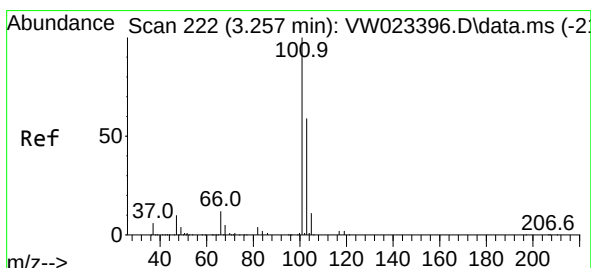
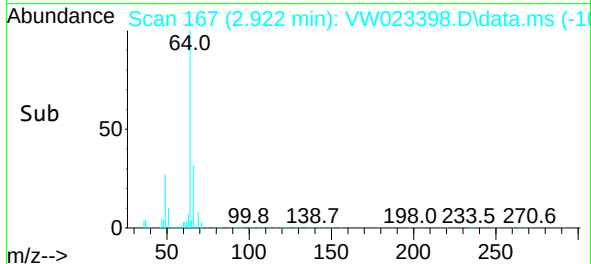
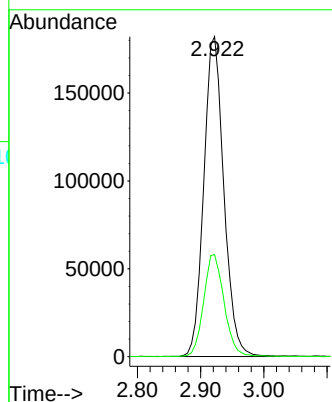
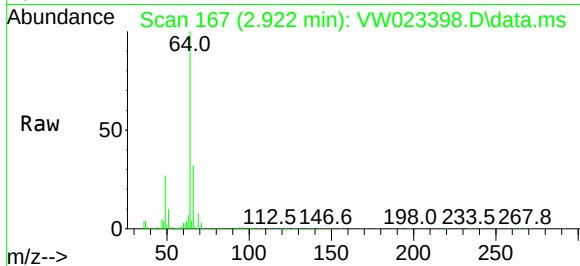




#8
Chloroethane
Concen: 98.649 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

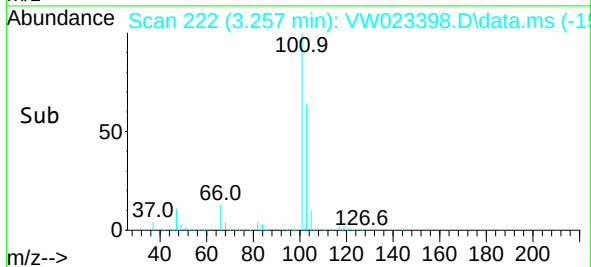
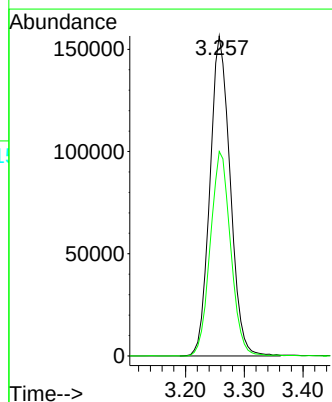
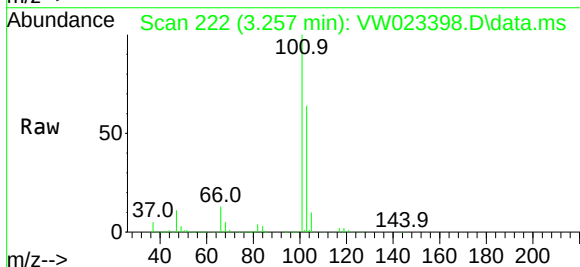
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

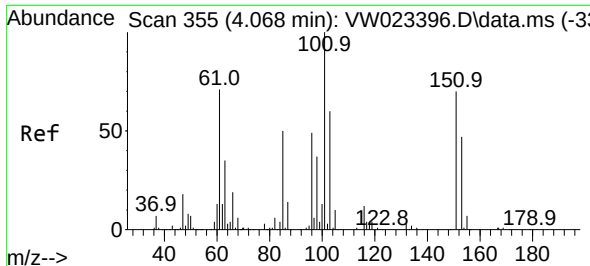
Tgt Ion: 64 Resp: 401812
Ion Ratio Lower Upper
64 100
66 31.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 87.308 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 101 Resp: 374954
Ion Ratio Lower Upper
101 100
103 64.1 53.9 80.9

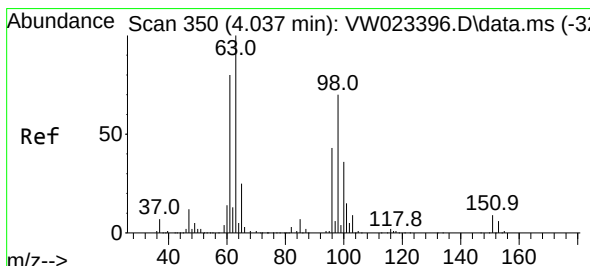
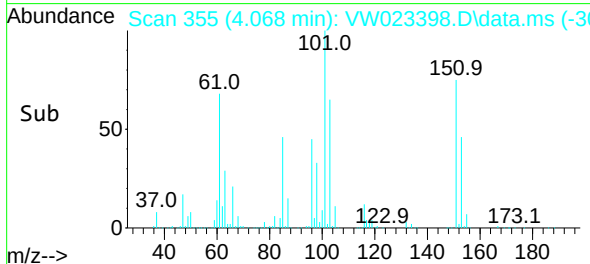
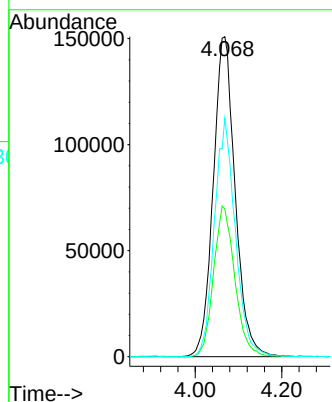
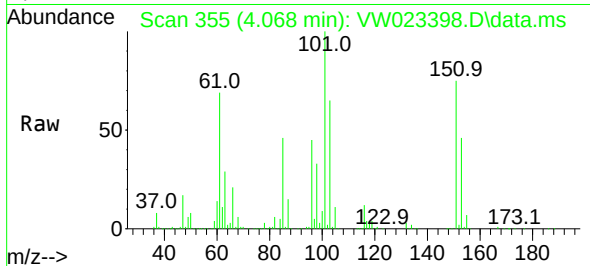




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 85.660 ug/L
 RT: 4.068 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

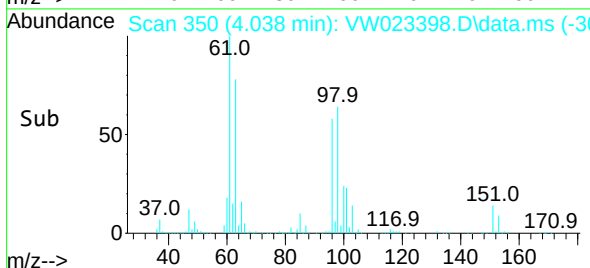
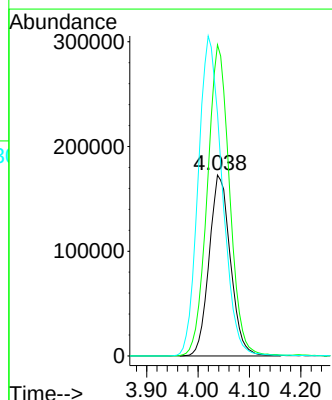
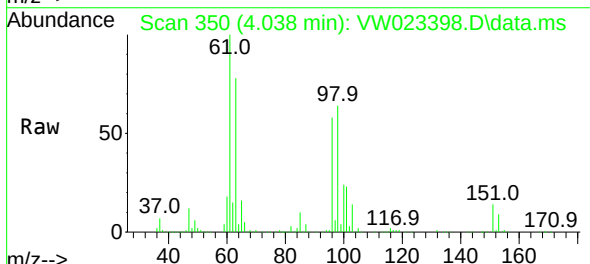
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100417

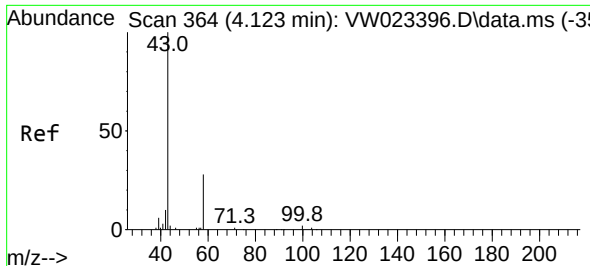
Tgt Ion:101 Resp: 532193
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.3 51.5
 151 71.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 91.565 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

Tgt Ion: 96 Resp: 497288
 Ion Ratio Lower Upper
 96 100
 61 172.0 125.7 233.5
 63 134.2 83.4 155.0

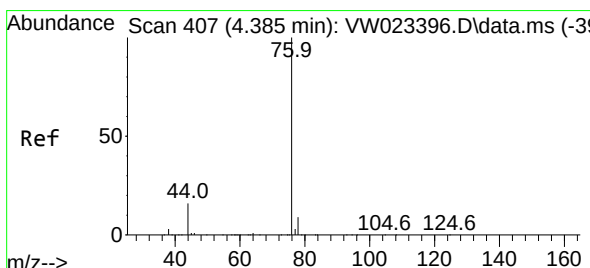
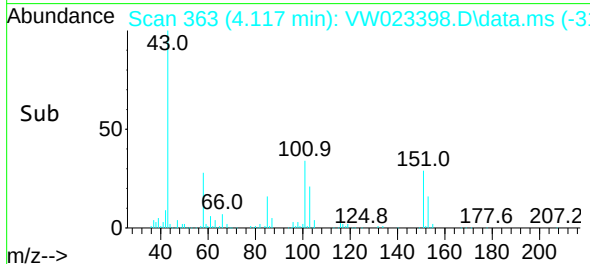
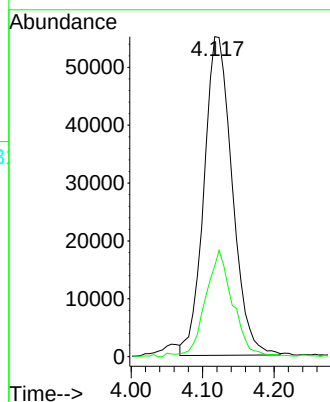
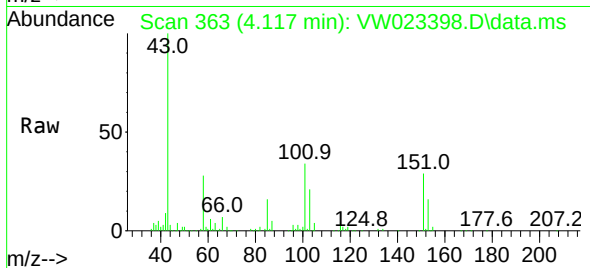




#13
Acetone
Concen: 144.088 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

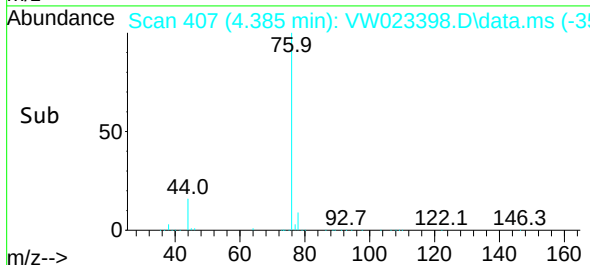
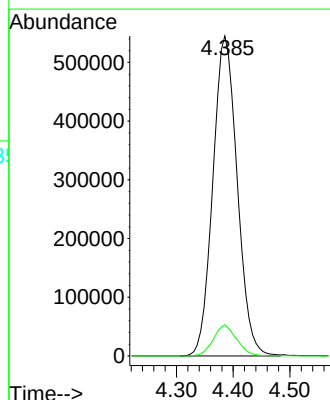
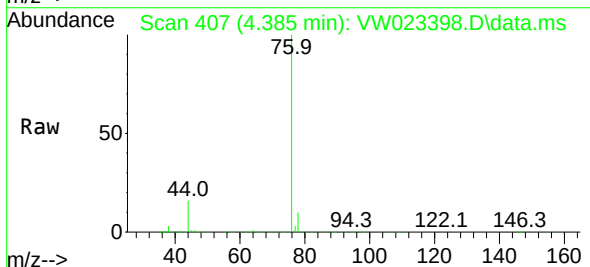
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

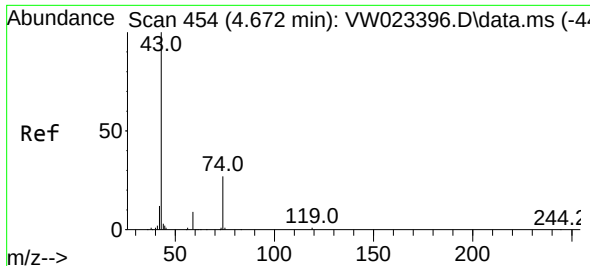
Tgt Ion: 43 Resp: 151386
Ion Ratio Lower Upper
43 100
58 31.6 0.0 64.0



#14
Carbon disulfide
Concen: 89.922 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 76 Resp: 1622306
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5

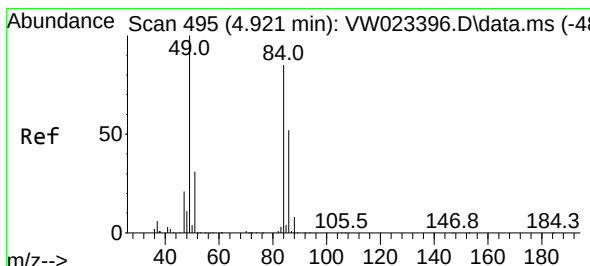
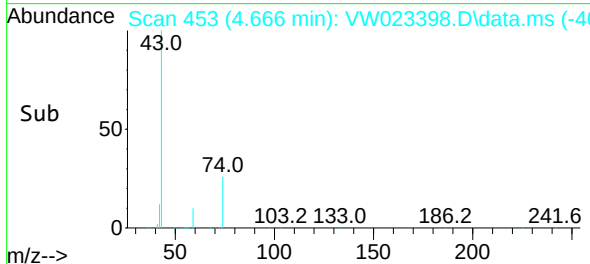
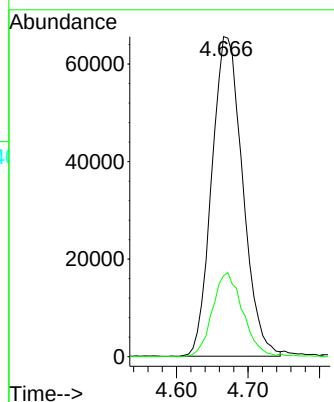
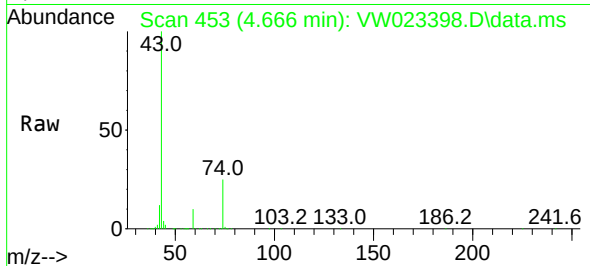




#15
Methyl Acetate
Concen: 85.393 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

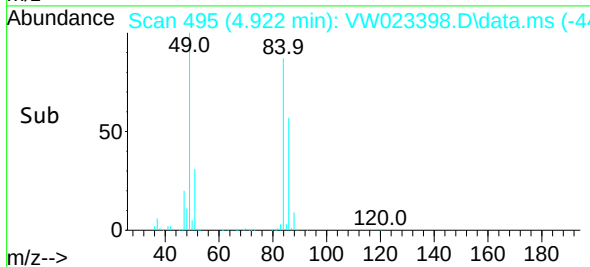
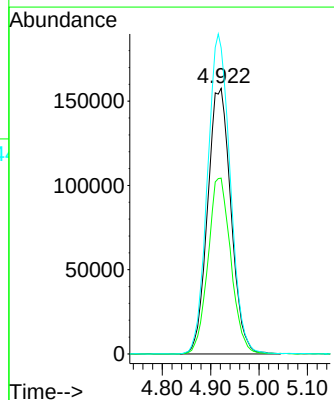
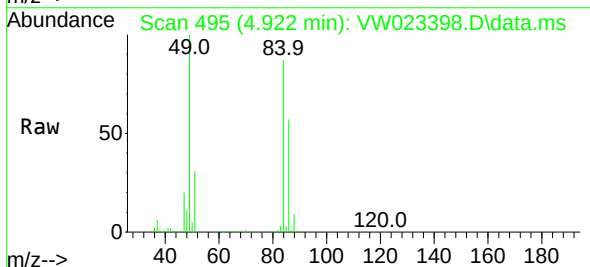
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

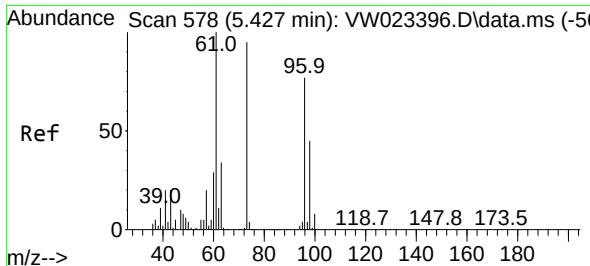
Tgt Ion: 43 Resp: 196756
Ion Ratio Lower Upper
43 100
74 25.7 21.9 32.9



#16
Methylene chloride
Concen: 78.379 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 84 Resp: 529461
Ion Ratio Lower Upper
84 100
86 66.2 45.4 84.4
49 115.2 82.5 153.1

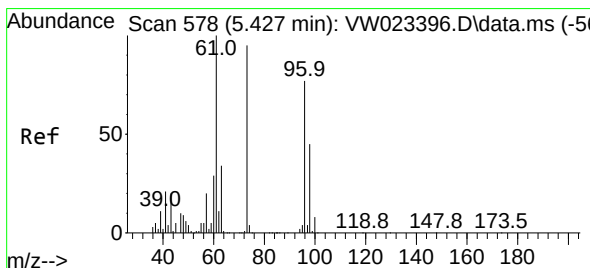
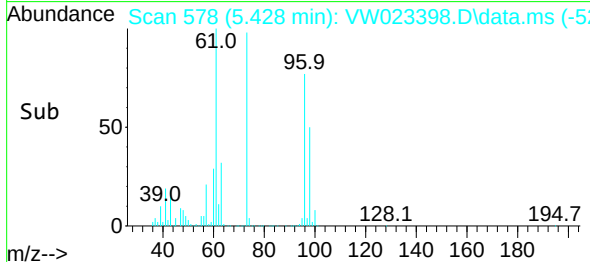
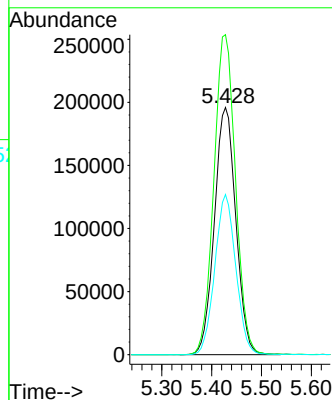
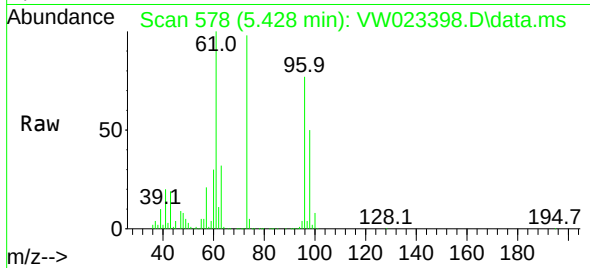




#17
trans-1,2-Dichloroethene
Concen: 92.504 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

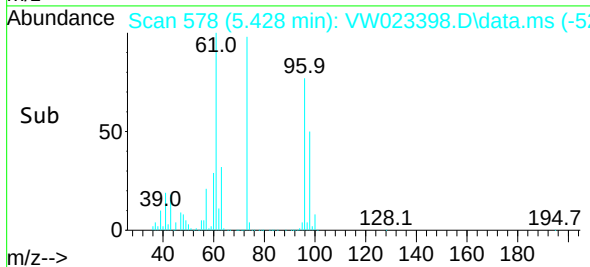
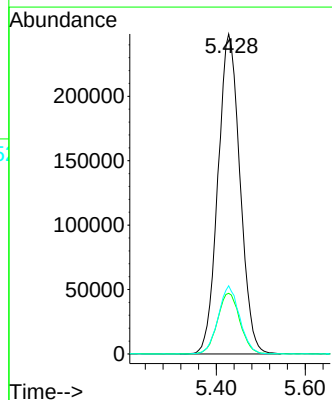
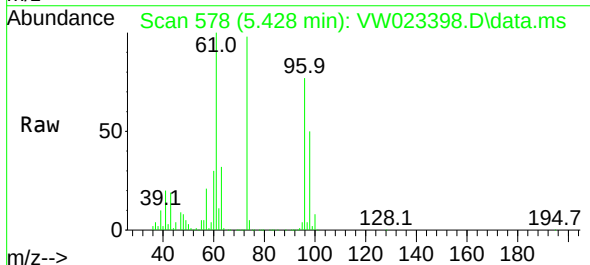
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

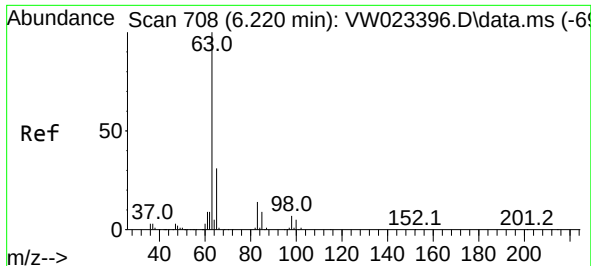
Tgt Ion: 96 Resp: 585969
Ion Ratio Lower Upper
96 100
61 129.5 92.2 171.2
98 64.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 91.140 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 73 Resp: 852583
Ion Ratio Lower Upper
73 100
43 19.2 15.9 23.9
57 20.7 16.5 24.7





#19

1,1-Dichloroethane

Concen: 89.709 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD100417

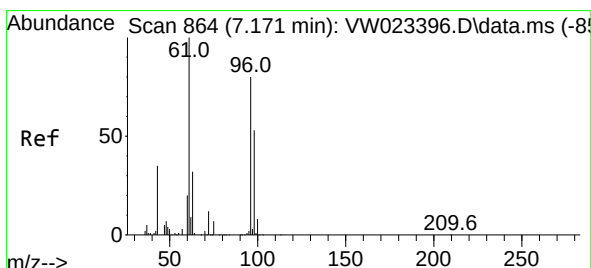
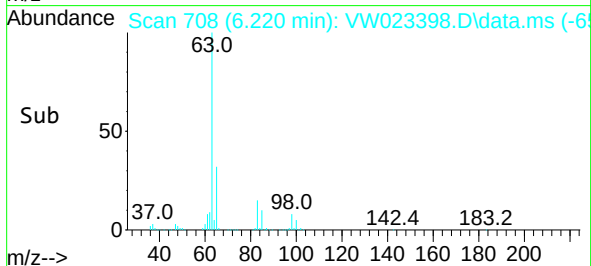
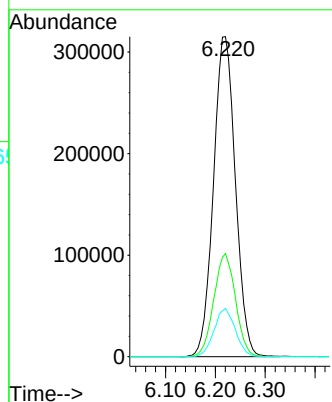
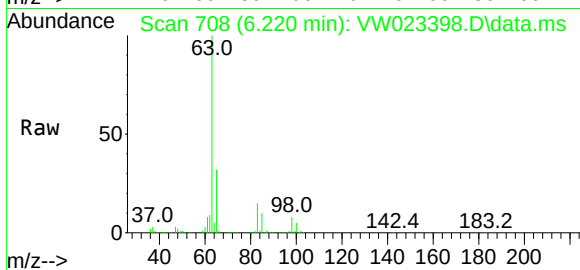
Tgt Ion: 63 Resp: 962593

Ion Ratio Lower Upper

63 100

65 32.2 23.3 43.3

83 15.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 92.395 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

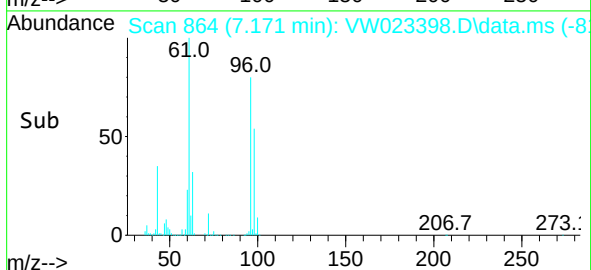
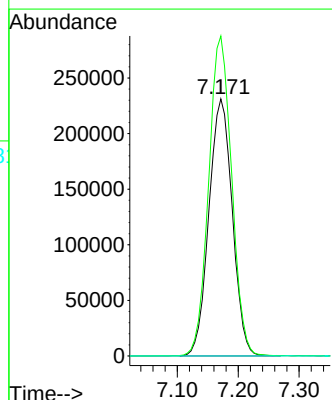
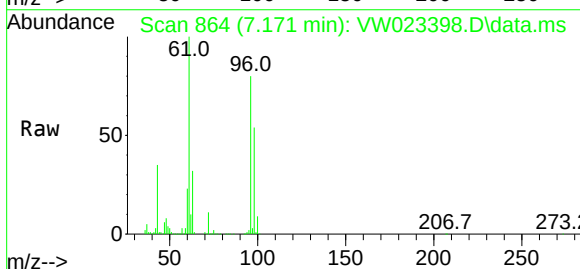
Tgt Ion: 96 Resp: 617150

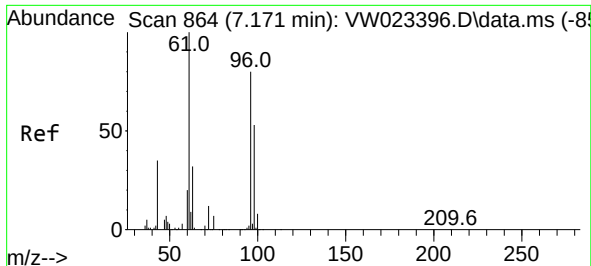
Ion Ratio Lower Upper

96 100

61 124.5 84.2 156.4

68 0.0 0.1 0.1#

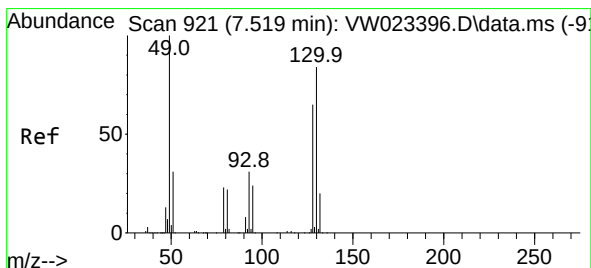
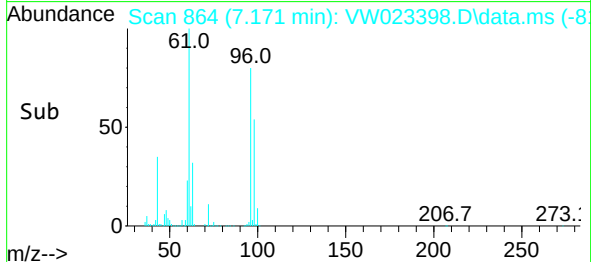
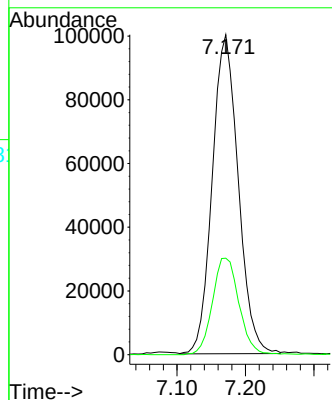
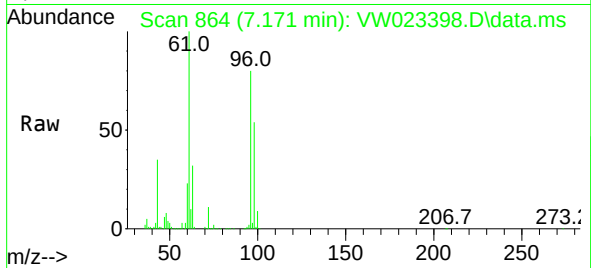




#22
2-Butanone
Concen: 166.598 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

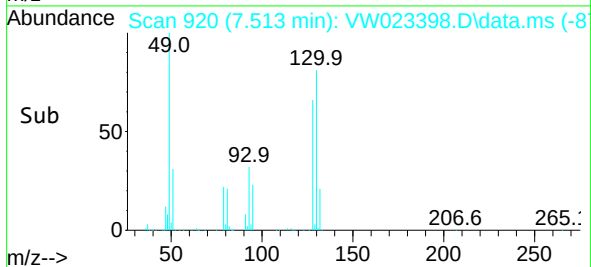
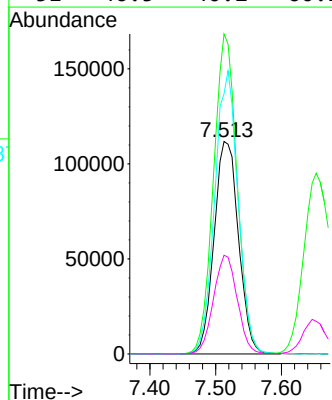
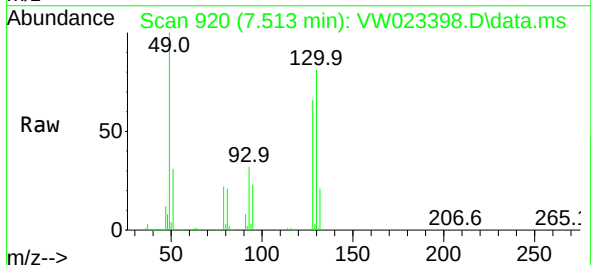
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

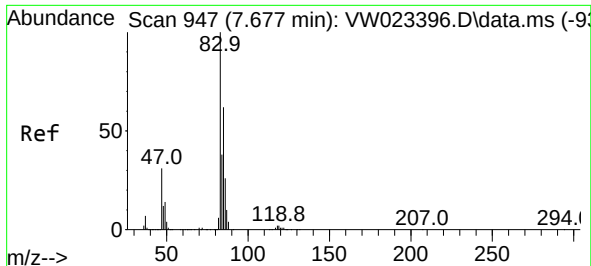
Tgt Ion: 43 Resp: 263364
Ion Ratio Lower Upper
43 100
72 30.9 15.1 45.3



#23
Bromochloromethane
Concen: 91.160 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 128 Resp: 289047
Ion Ratio Lower Upper
128 100
49 150.6 110.0 204.4
130 122.4 94.8 176.0
51 46.5 40.2 60.2

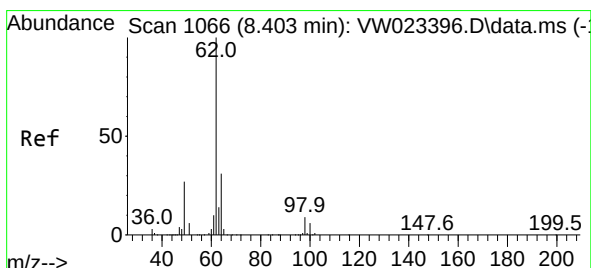
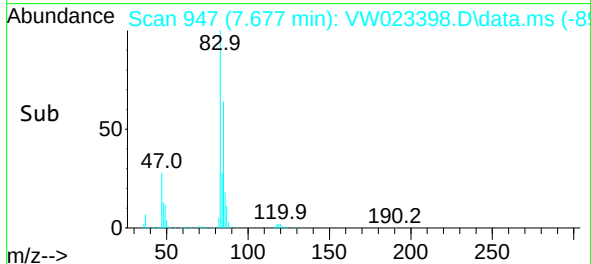
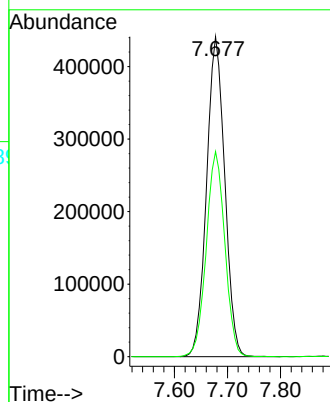
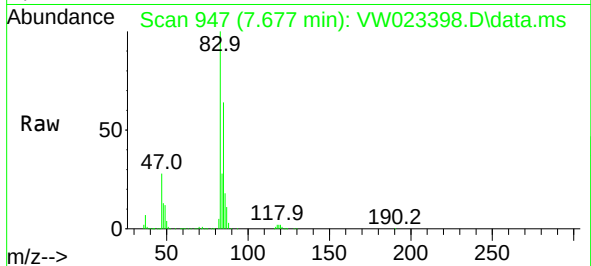




#25
Chloroform
Concen: 88.940 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

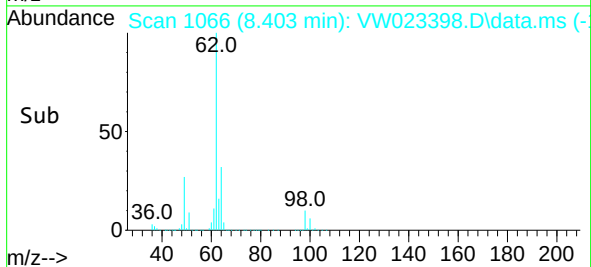
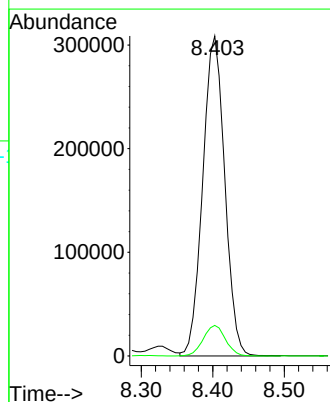
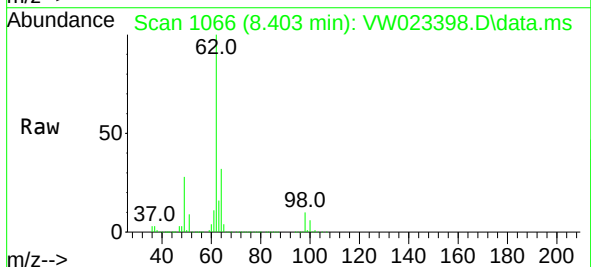
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

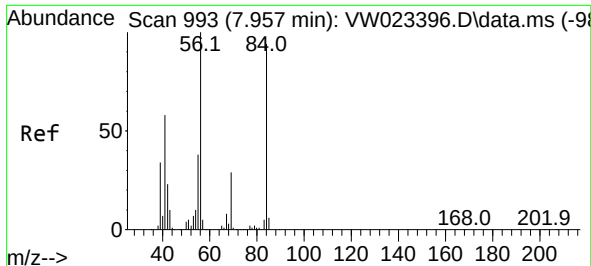
Tgt Ion: 83 Resp: 1048255
Ion Ratio Lower Upper
83 100
85 64.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 86.511 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

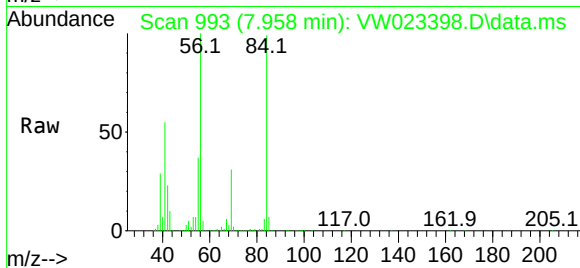
Tgt Ion: 62 Resp: 660554
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8



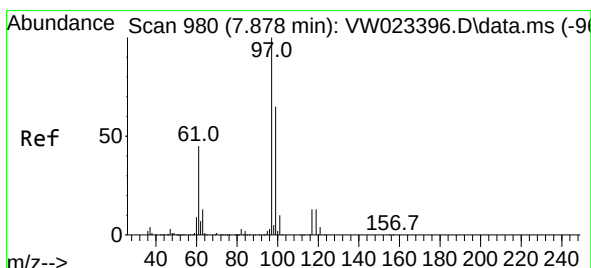
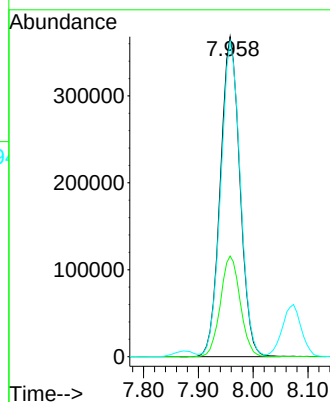
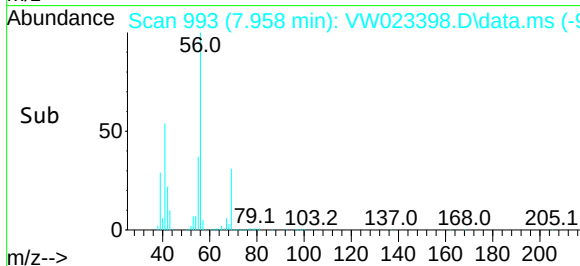


#29
Cyclohexane
Concen: 95.168 ug/L
RT: 7.958 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

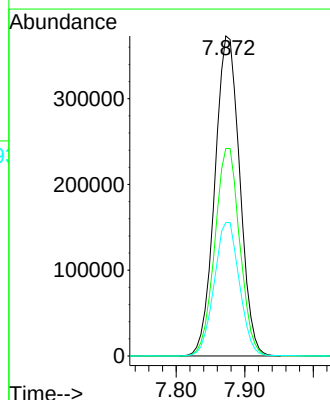
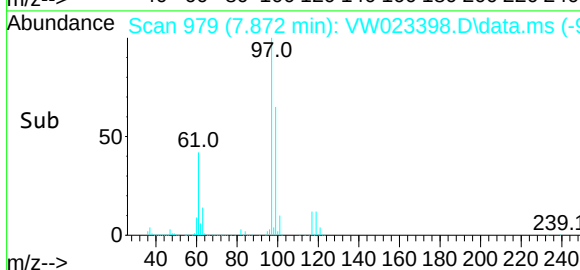
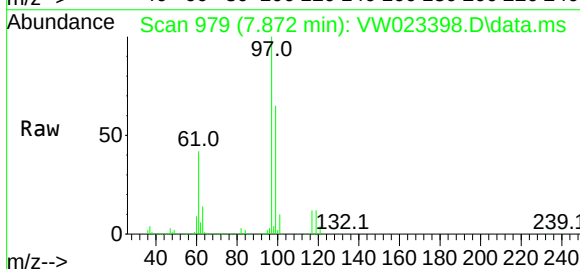


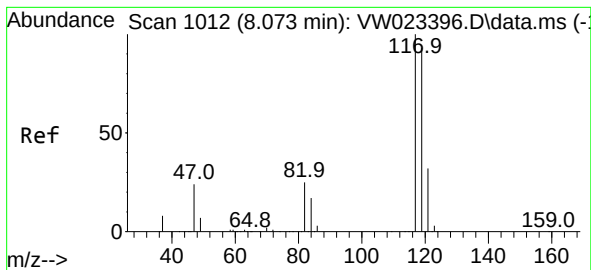
Tgt Ion: 56 Resp: 913248
Ion Ratio Lower Upper
56 100
69 31.7 25.6 38.4
84 98.6 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 90.761 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 97 Resp: 941658
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 42.2 34.8 52.2





#31

Carbon tetrachloride

Concen: 90.032 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

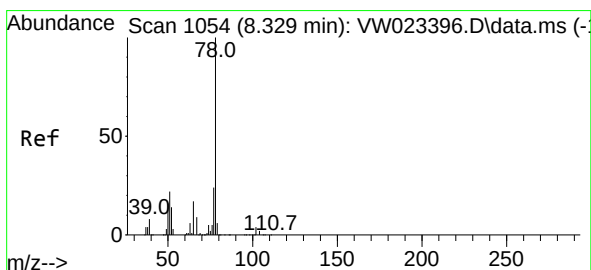
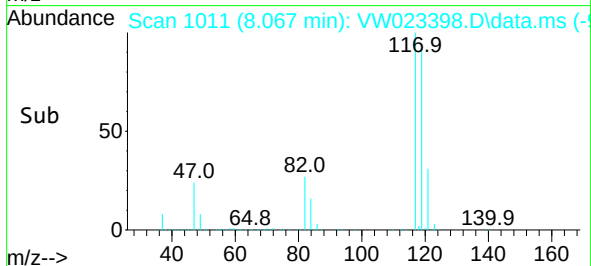
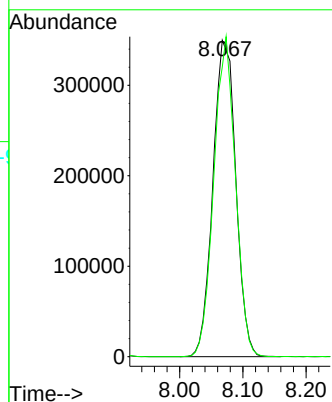
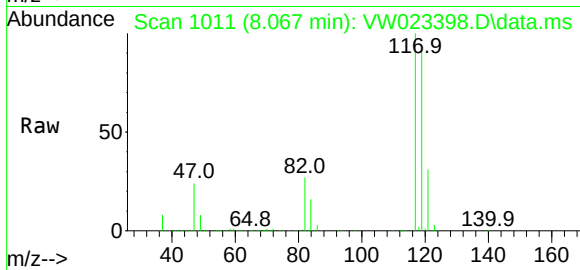
VSTD100417

Tgt Ion:117 Resp: 877896

Ion Ratio Lower Upper

117 100

119 95.8 76.6 115.0



#33

Benzene

Concen: 90.676 ug/L

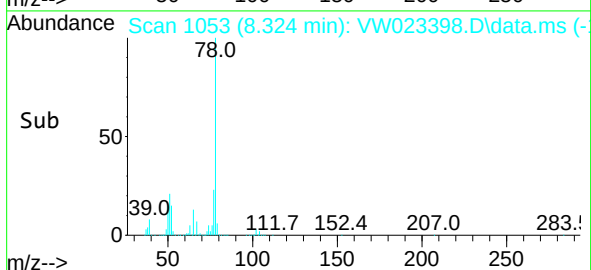
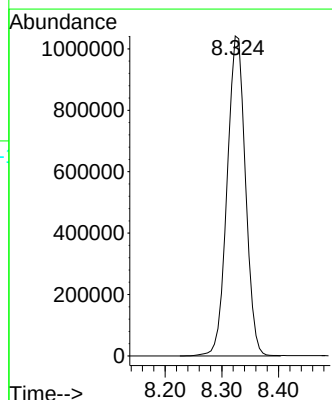
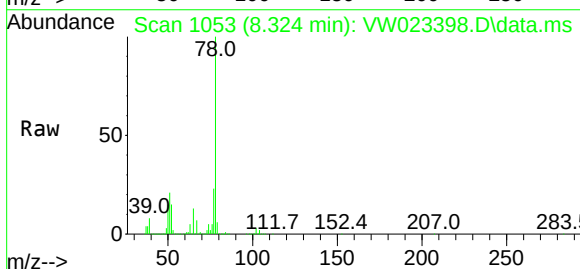
RT: 8.324 min Scan# 1053

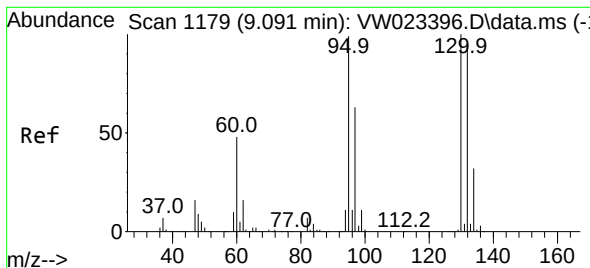
Delta R.T. -0.006 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Tgt Ion: 78 Resp: 2340217





#34

Trichloroethene

Concen: 90.002 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD100417

Tgt Ion: 95 Resp: 629183

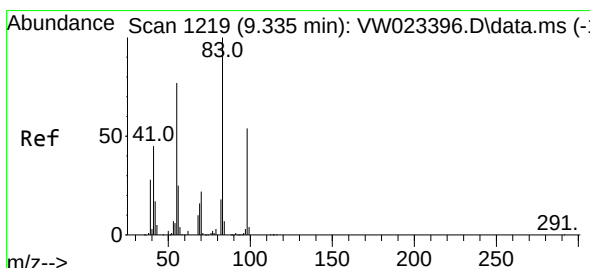
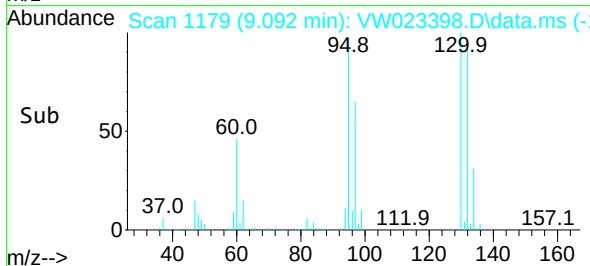
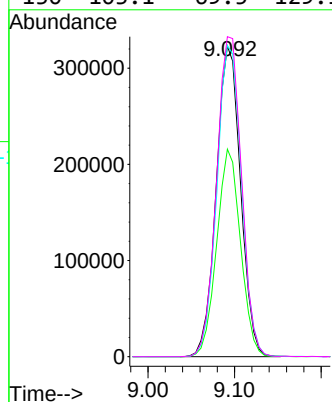
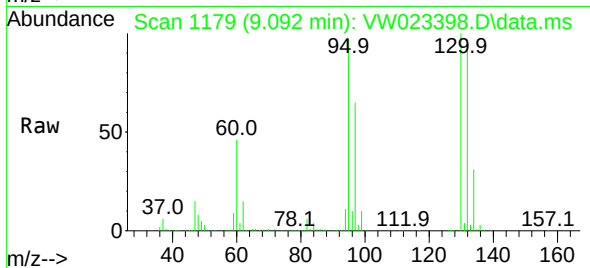
Ion Ratio Lower Upper

95 100

97 66.9 46.1 85.7

132 100.3 66.9 124.3

130 103.1 69.5 129.1



#35

Methylcyclohexane

Concen: 96.997 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

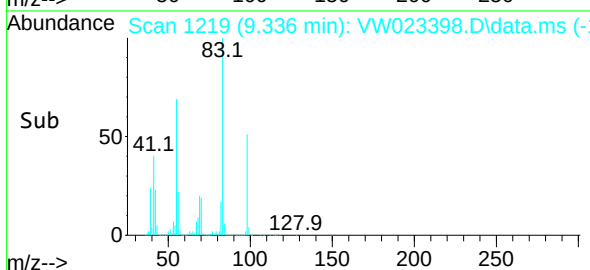
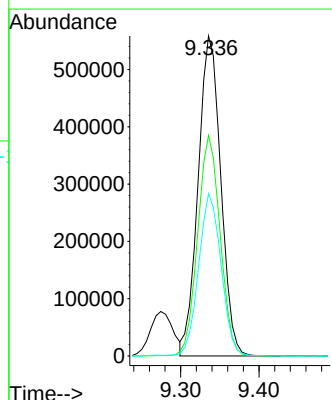
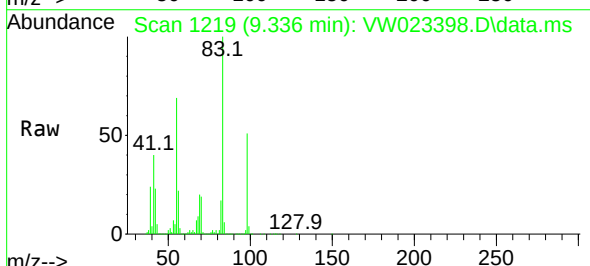
Tgt Ion: 83 Resp: 1123078

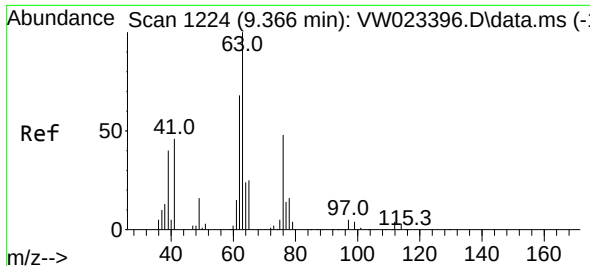
Ion Ratio Lower Upper

83 100

55 68.2 55.1 82.7

98 50.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 89.135 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

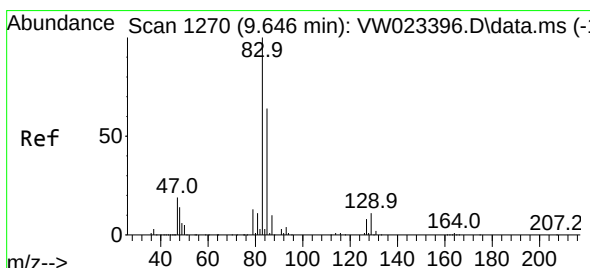
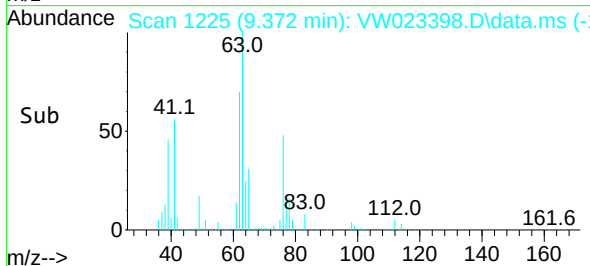
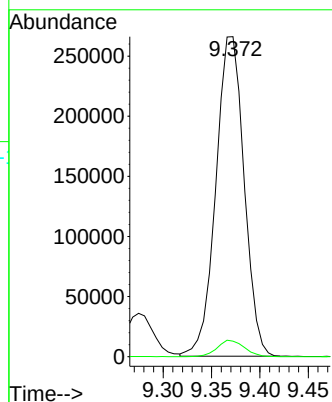
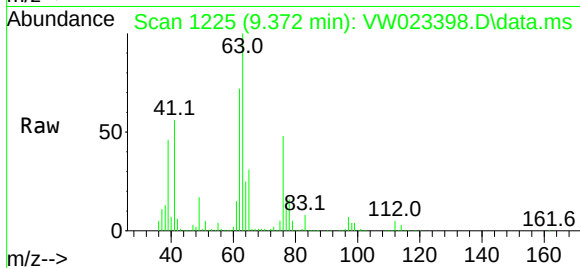
VSTD100417

Tgt Ion: 63 Resp: 539708

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 92.102 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

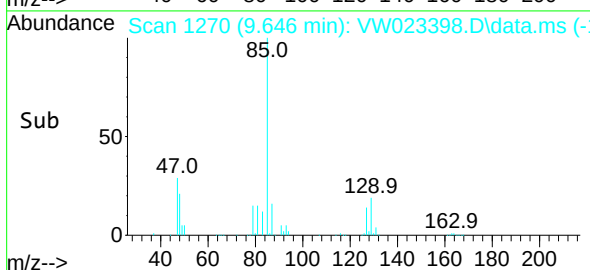
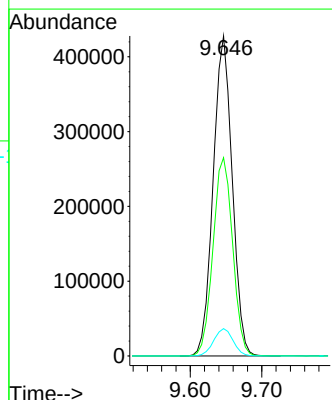
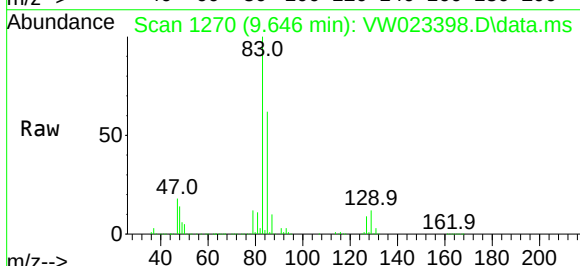
Tgt Ion: 83 Resp: 791895

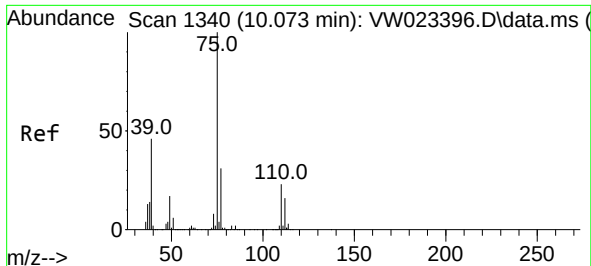
Ion Ratio Lower Upper

83 100

85 62.0 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 97.352 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

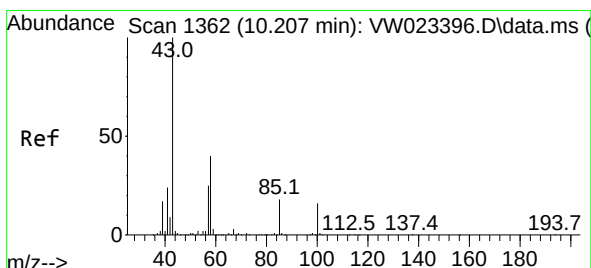
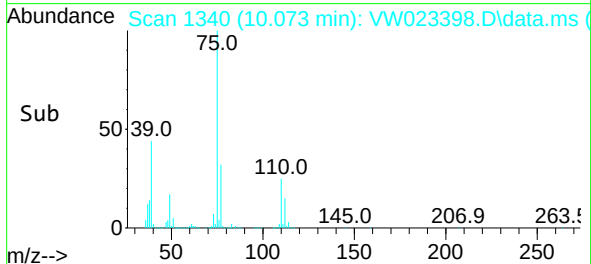
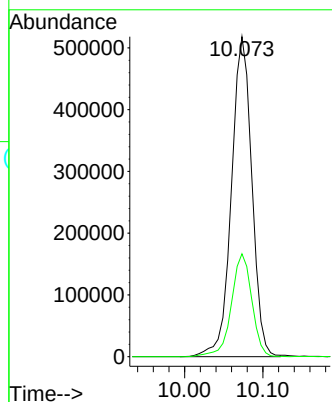
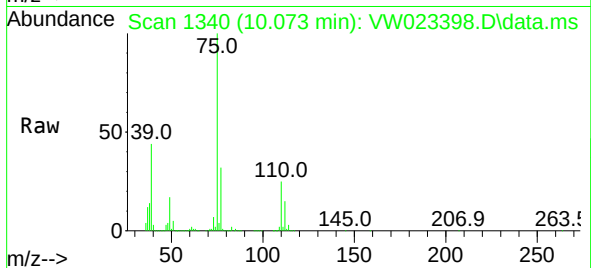
VSTD100417

Tgt Ion: 75 Resp: 937153

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 179.243 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

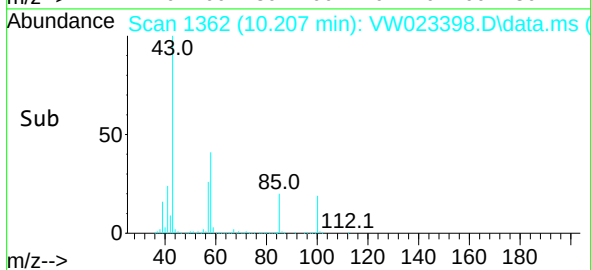
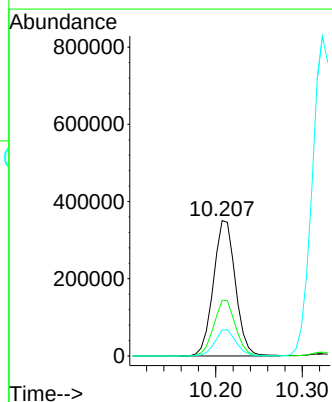
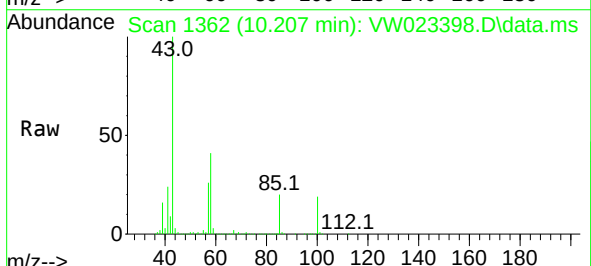
Tgt Ion: 43 Resp: 618131

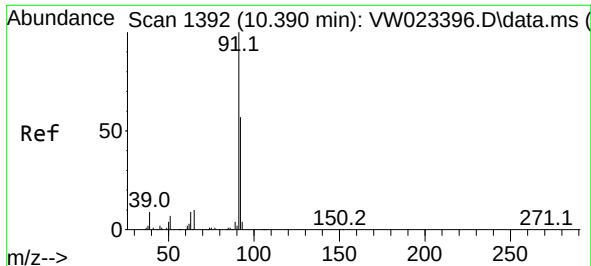
Ion Ratio Lower Upper

43 100

58 40.8 31.4 47.2

100 18.9 14.2 21.4

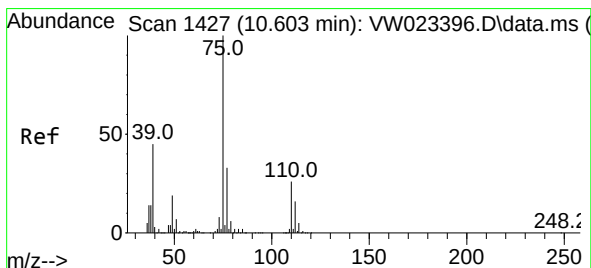
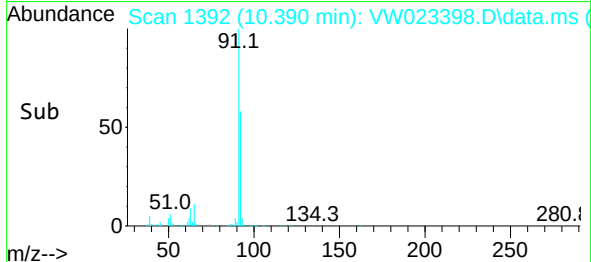
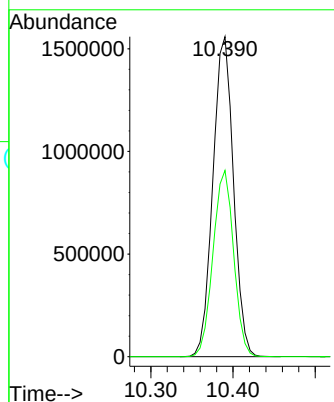
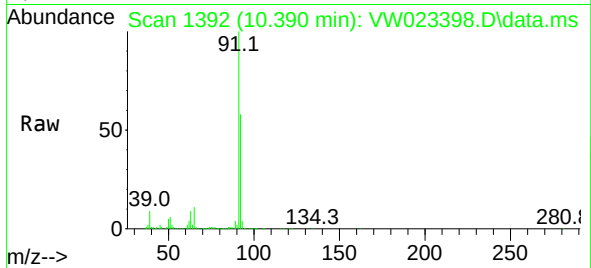




#42
Toluene
Concen: 94.366 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

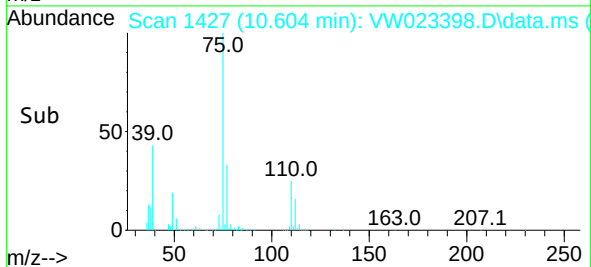
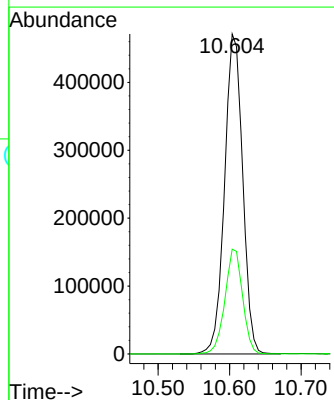
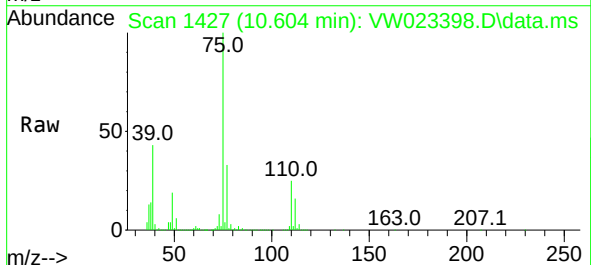
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

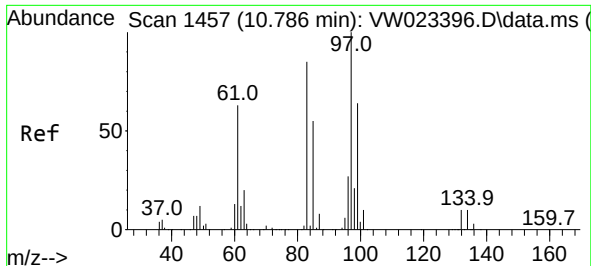
Tgt Ion: 91 Resp: 2711252
Ion Ratio Lower Upper
91 100
92 58.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 96.544 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 75 Resp: 828735
Ion Ratio Lower Upper
75 100
77 32.8 22.0 40.8



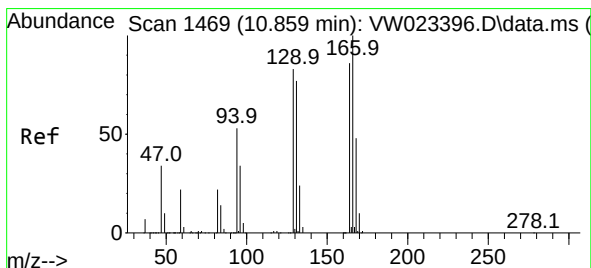
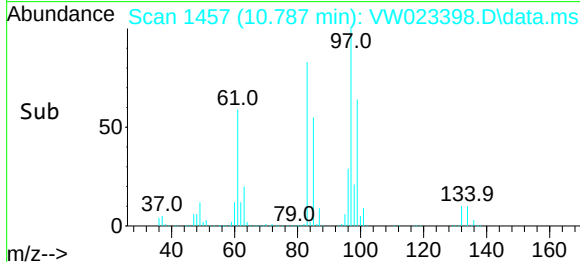
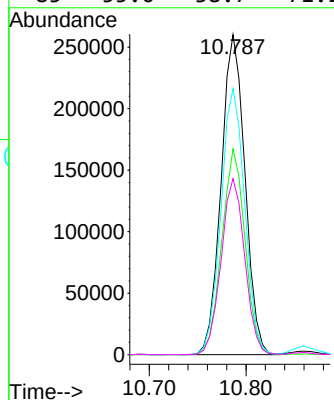
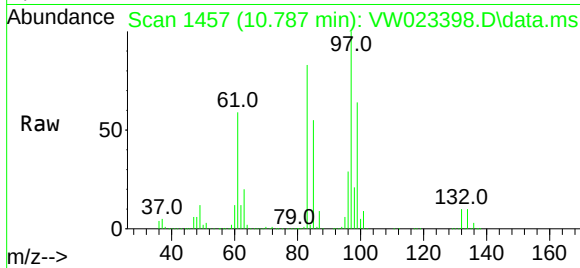


#45
1,1,2-Trichloroethane
Concen: 89.203 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

Tgt Ion: 97 Resp: 443680

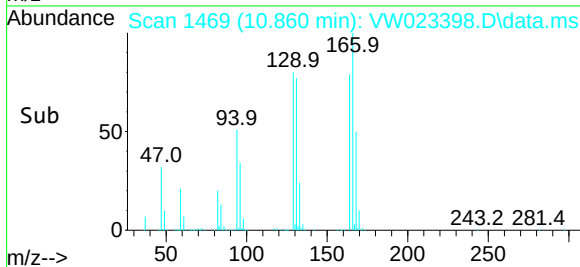
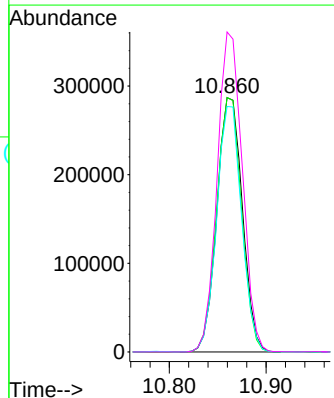
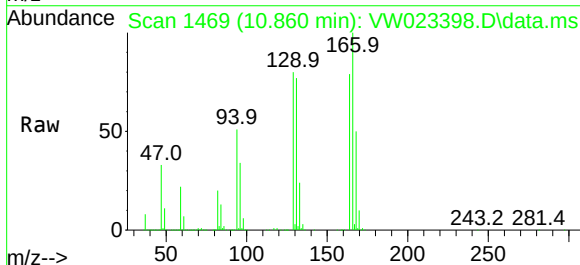
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.7	82.9
83	83.1	58.4	108.4
85	55.0	38.7	71.9

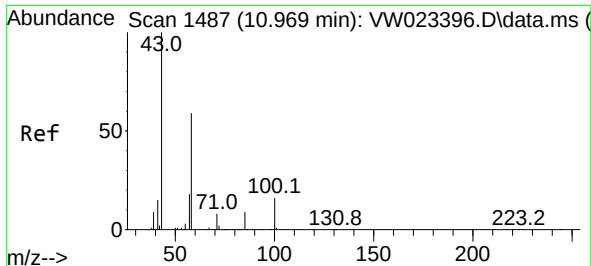


#46
Tetrachloroethene
Concen: 94.166 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion: 164 Resp: 524562

Ion	Ratio	Lower	Upper
164	100		
129	100.0	76.9	142.7
131	96.5	75.1	139.5
166	125.8	96.0	178.2





#48

2-Hexanone

Concen: 183.747 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD100417

Tgt Ion: 43 Resp: 423127

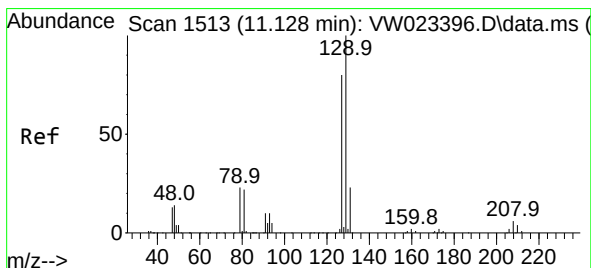
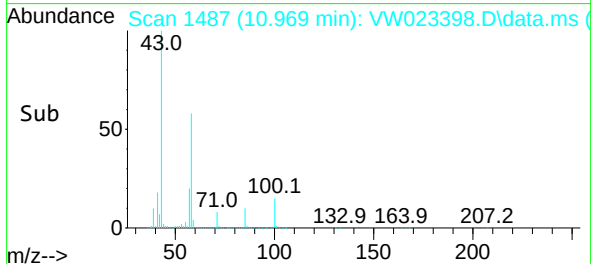
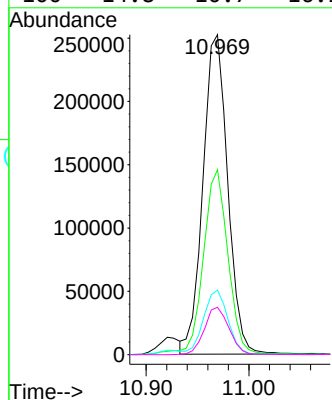
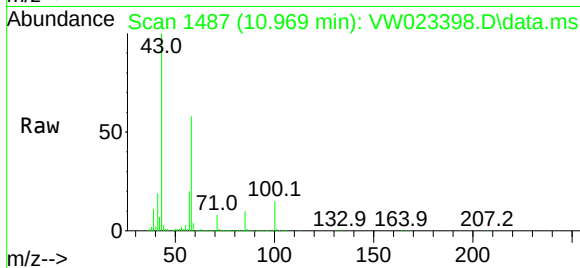
Ion Ratio Lower Upper

43 100

58 57.9 45.9 68.9

57 20.3 16.2 24.2

100 14.8 10.7 16.1



#49

Dibromochloromethane

Concen: 94.697 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023398.D

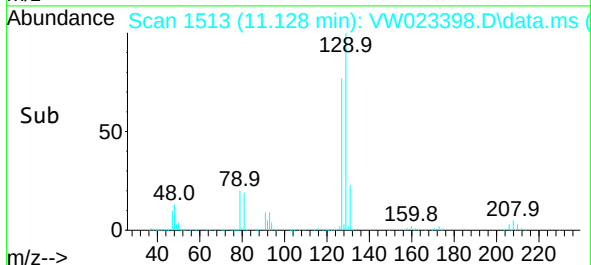
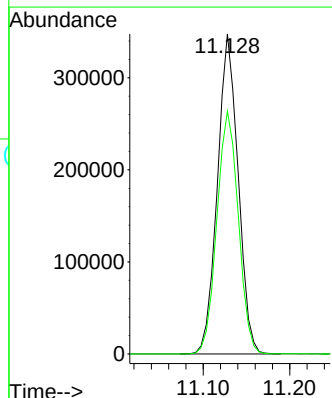
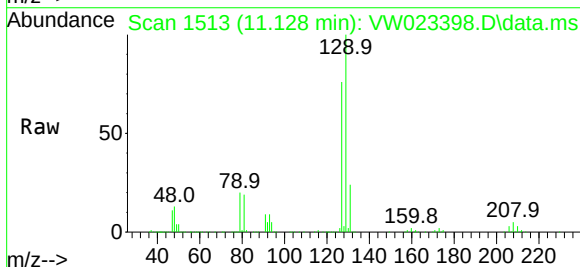
Acq: 06 Jun 2022 10:36

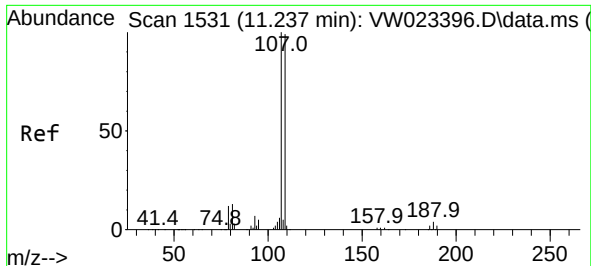
Tgt Ion:129 Resp: 577526

Ion Ratio Lower Upper

129 100

127 75.9 53.8 100.0





#50

1,2-Dibromoethane

Concen: 92.540 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD100417

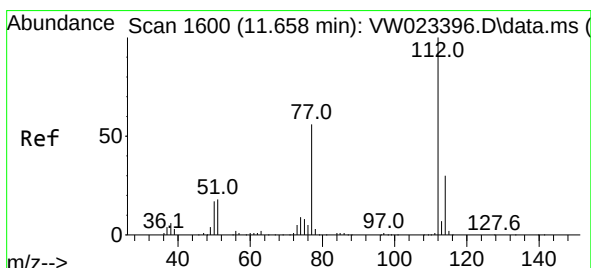
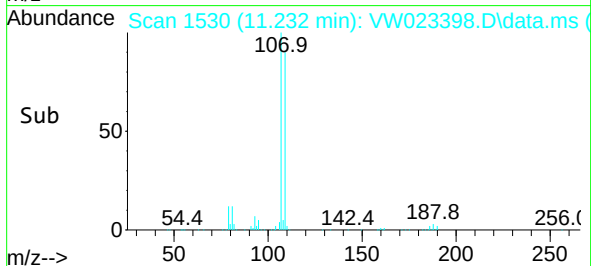
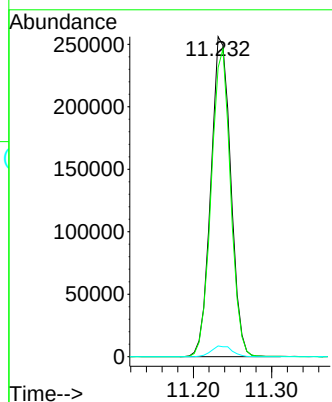
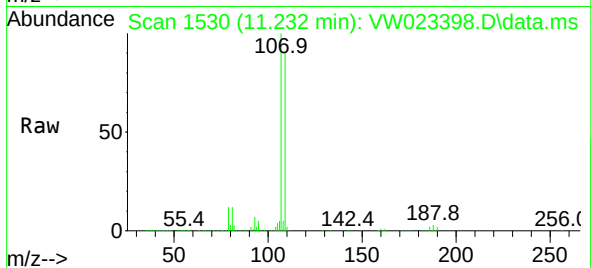
Tgt Ion:107 Resp: 450309

Ion Ratio Lower Upper

107 100

109 90.3 67.5 125.4

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 93.930 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

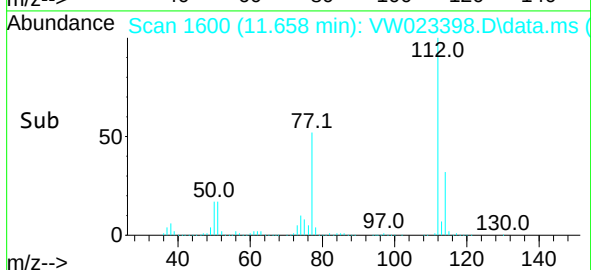
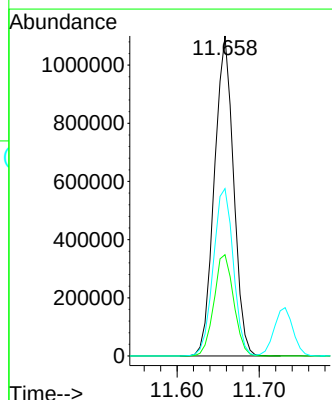
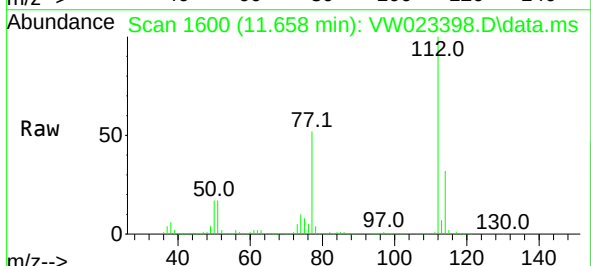
Tgt Ion:112 Resp: 1784628

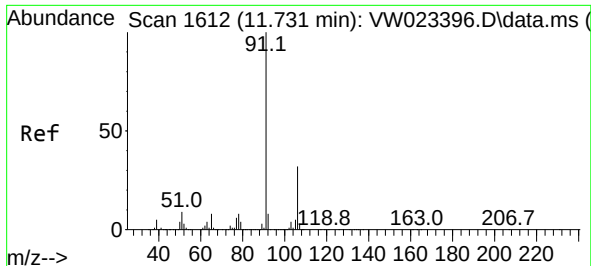
Ion Ratio Lower Upper

112 100

114 31.7 22.0 41.0

77 52.3 42.6 63.8

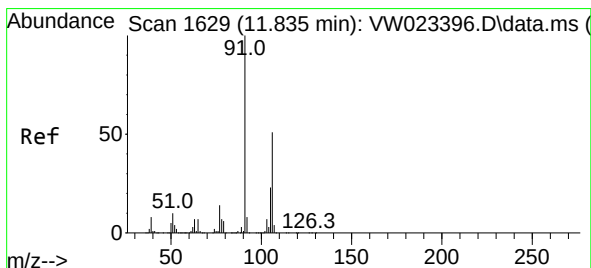
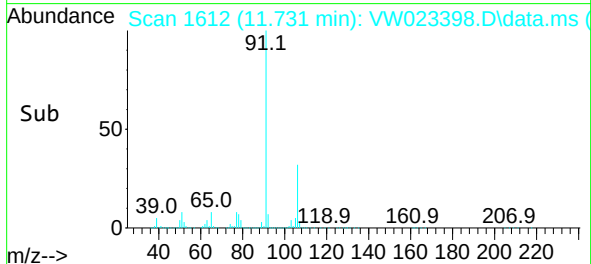
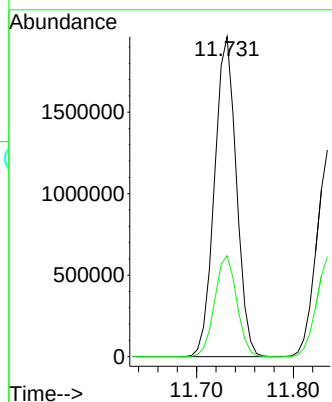
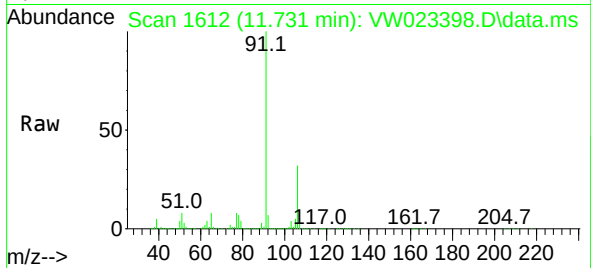




#52
Ethylbenzene
Concen: 97.517 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

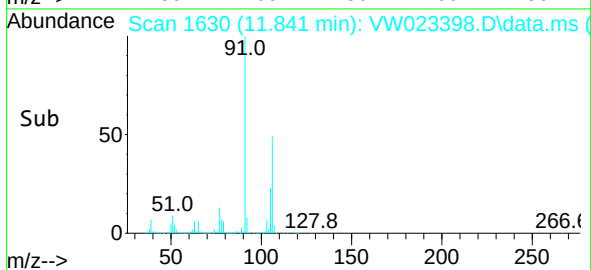
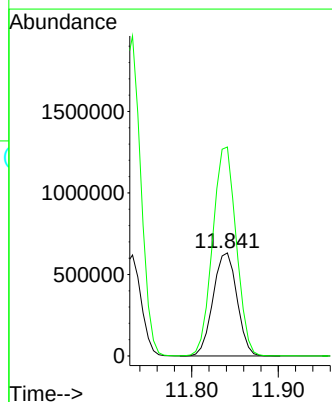
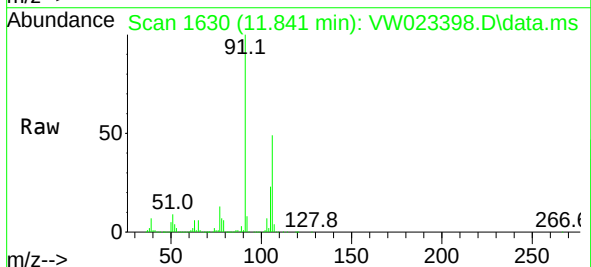
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

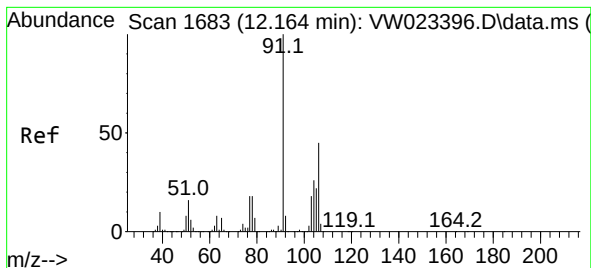
Tgt Ion: 91 Resp: 3079206
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 97.033 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion:106 Resp: 1213760
Ion Ratio Lower Upper
106 100
91 202.7 136.8 254.0





#54

o-Xylene

Concen: 100.175 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

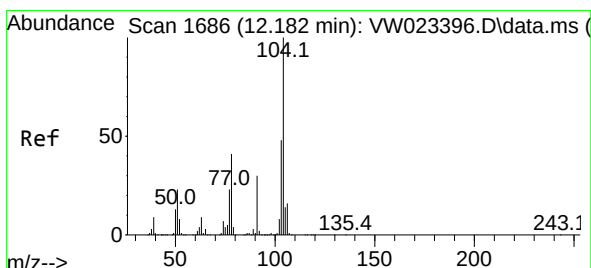
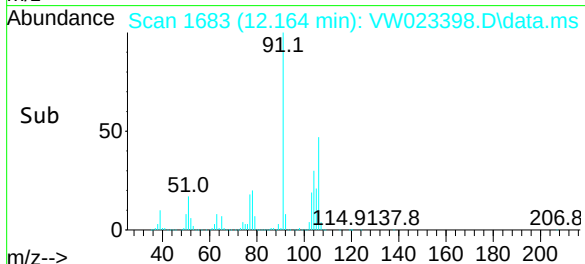
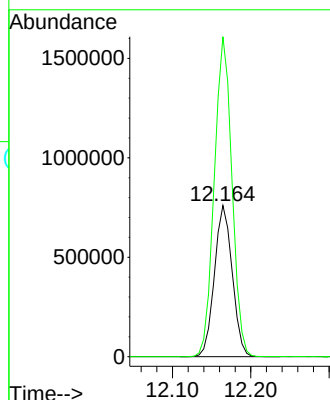
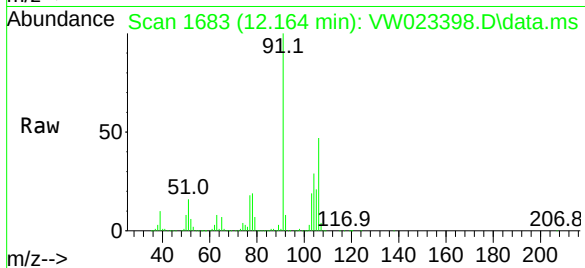
VSTD100417

Tgt Ion:106 Resp: 1200096

Ion Ratio Lower Upper

106 100

91 211.6 147.2 273.4



#55

Styrene

Concen: 103.246 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023398.D

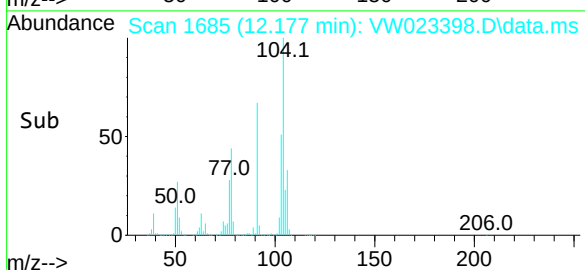
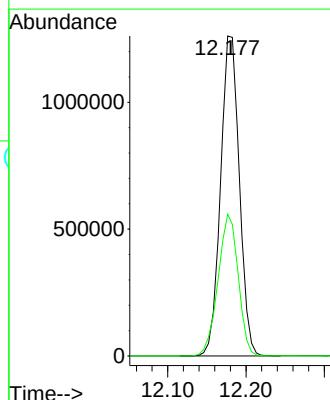
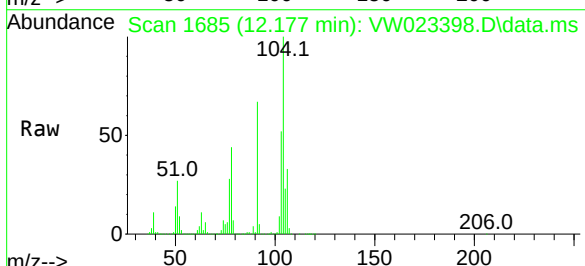
Acq: 06 Jun 2022 10:36

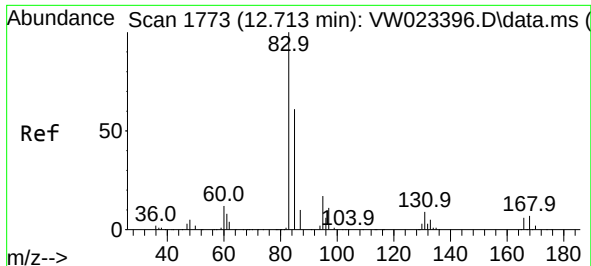
Tgt Ion:104 Resp: 2105212

Ion Ratio Lower Upper

104 100

78 44.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 88.570 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD100417

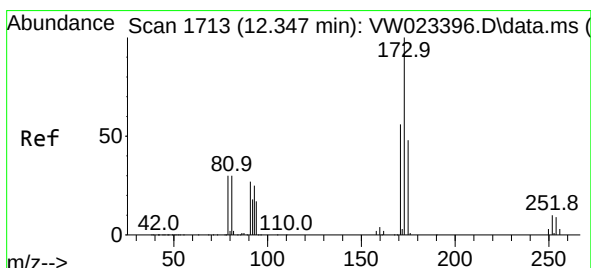
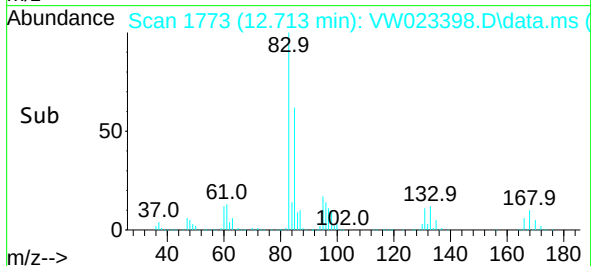
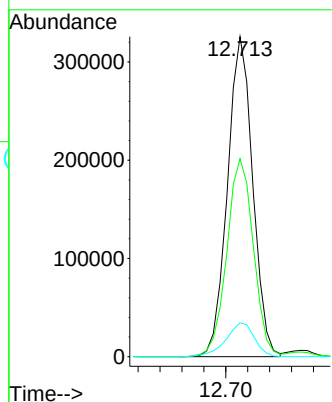
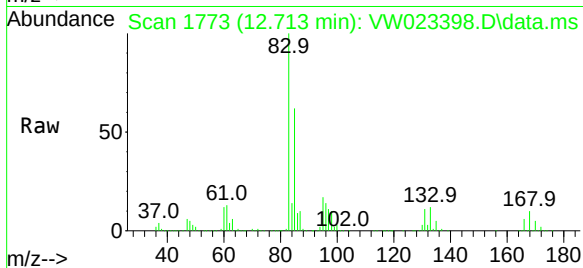
Tgt Ion: 83 Resp: 520863

Ion Ratio Lower Upper

83 100

85 61.8 47.5 88.1

131 10.6 8.7 13.1



#59

Bromoform

Concen: 94.935 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

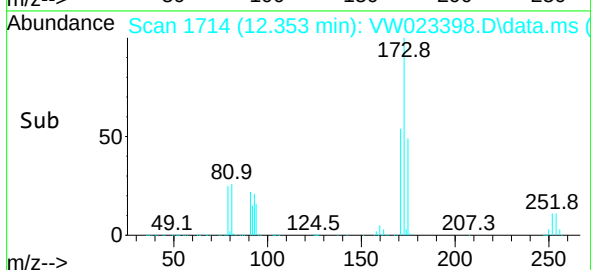
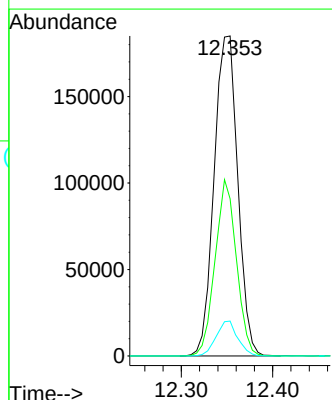
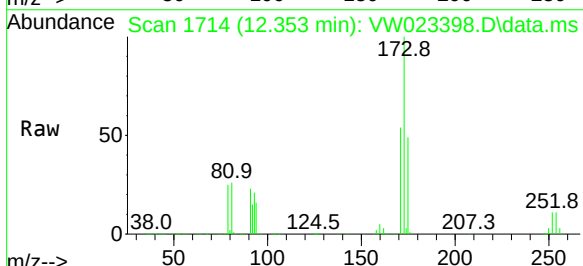
Tgt Ion: 173 Resp: 332805

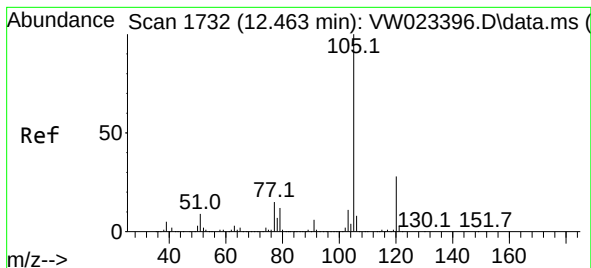
Ion Ratio Lower Upper

173 100

175 49.7 38.1 57.1

254 10.0 6.5 9.7#





#60

Isopropylbenzene

Concen: 97.015 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD100417

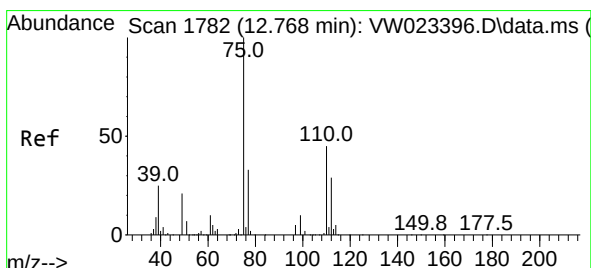
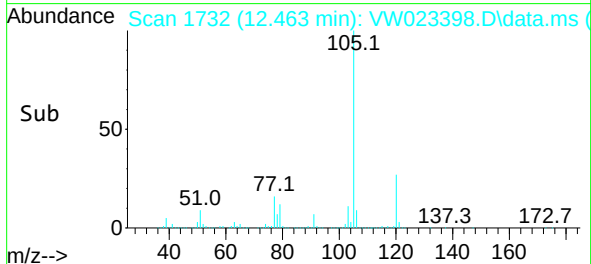
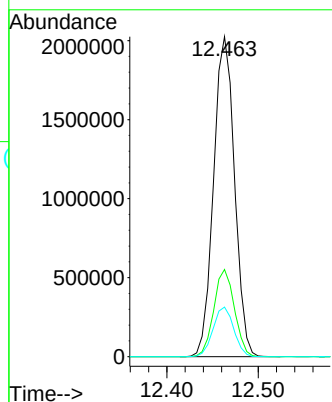
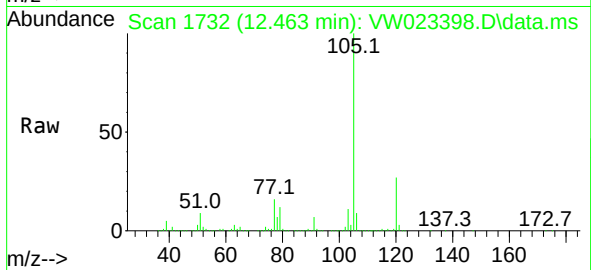
Tgt Ion:105 Resp: 3223938

Ion Ratio Lower Upper

105 100

120 26.8 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 83.983 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

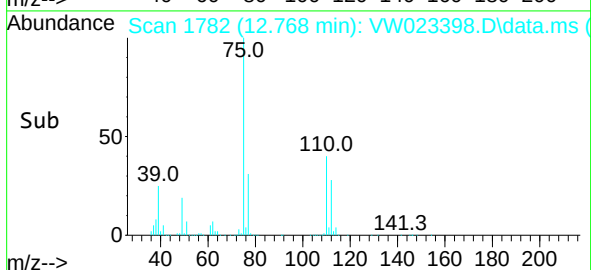
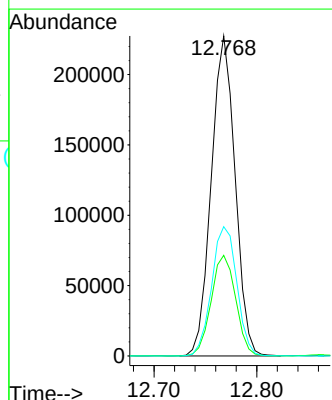
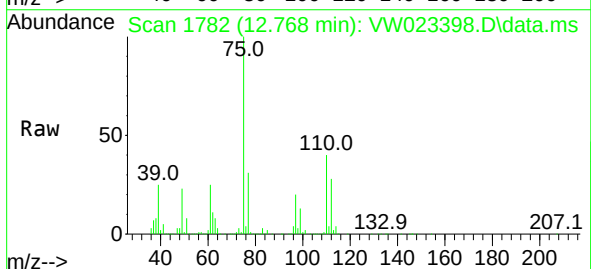
Tgt Ion: 75 Resp: 365703

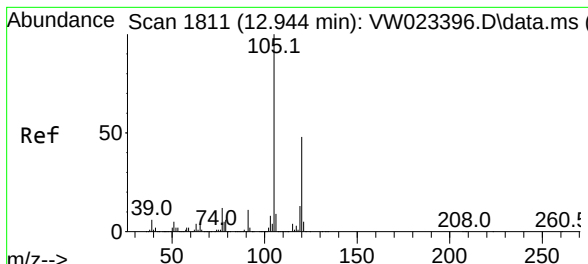
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 42.7 34.1 51.1



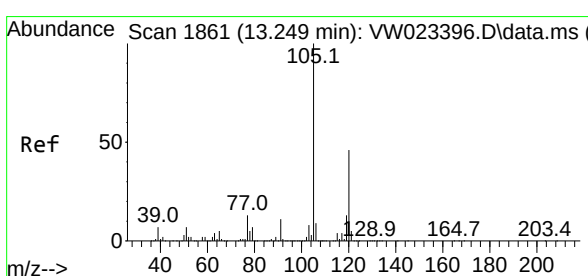
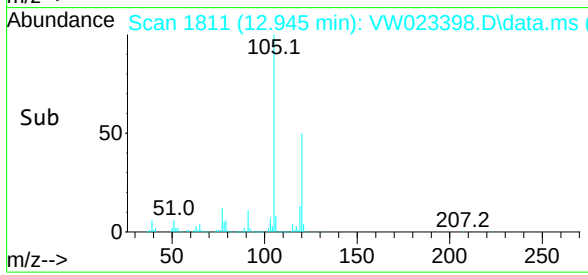
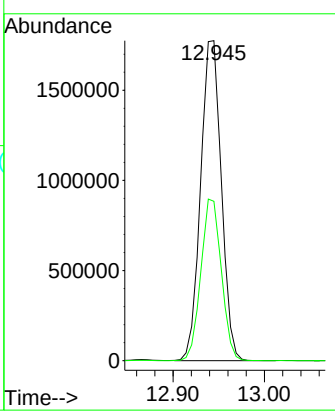
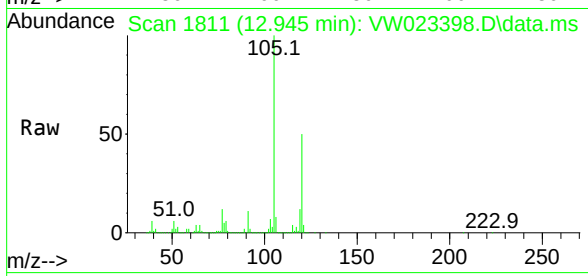


#62
 1,3,5-Trimethylbenzene
 Concen: 102.046 ug/L
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100417

Tgt Ion:105 Resp: 2790910

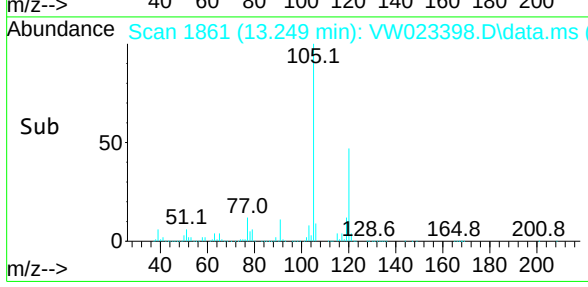
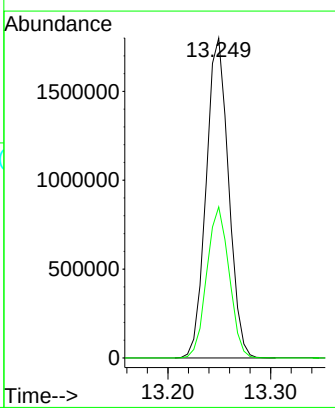
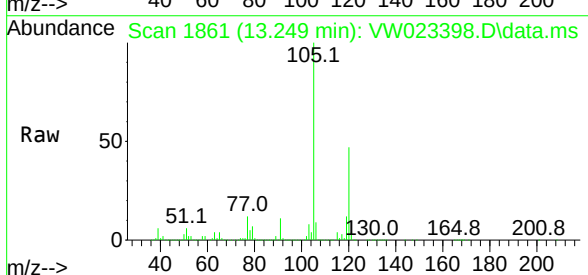
Ion	Ratio	Lower	Upper
105	100		
120	49.9	38.9	58.3

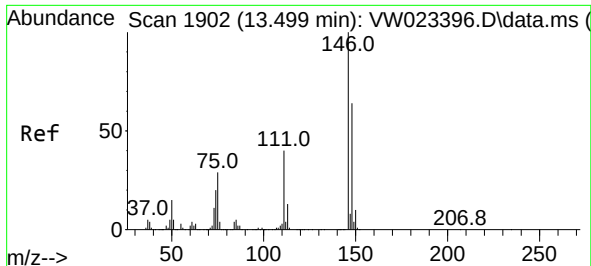


#63
 1,2,4-Trimethylbenzene
 Concen: 121.783 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

Tgt Ion:105 Resp: 2728801

Ion	Ratio	Lower	Upper
105	100		
120	47.1	37.4	56.2

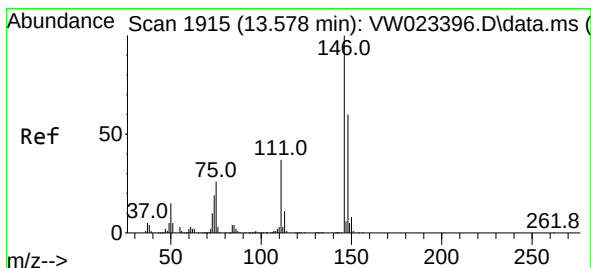
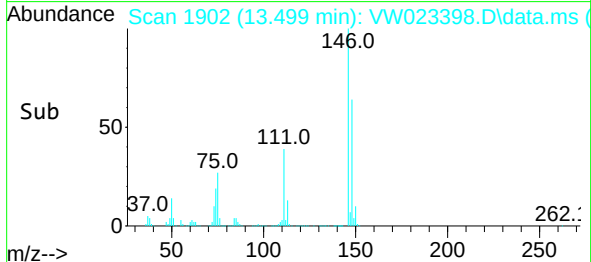
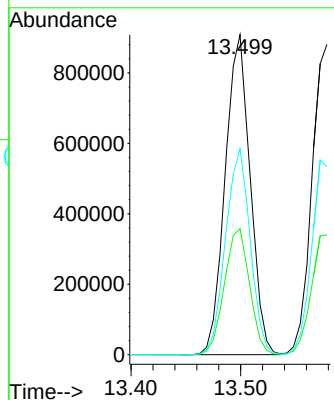
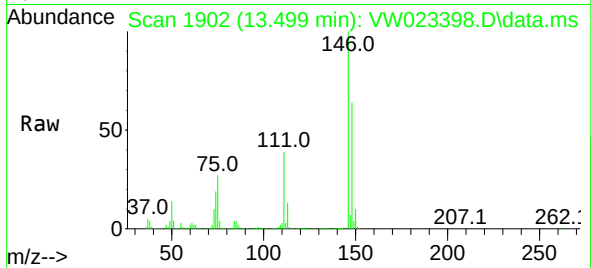




#64
1,3-Dichlorobenzene
Concen: 95.433 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

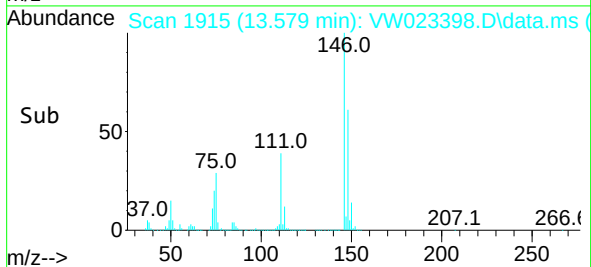
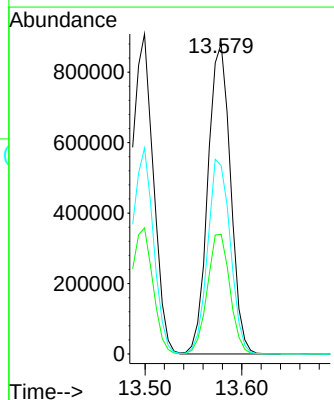
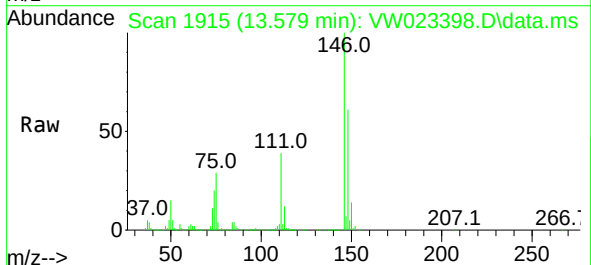
Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

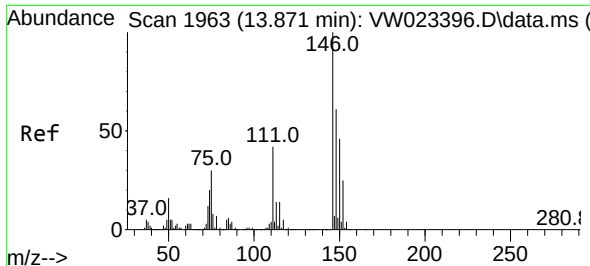
Tgt Ion:146 Resp: 1439360
Ion Ratio Lower Upper
146 100
111 39.4 29.5 54.9
148 64.4 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 92.245 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion:146 Resp: 1427347
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.4
148 60.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 95.513 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD100417

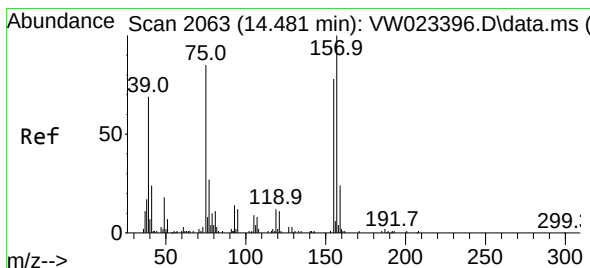
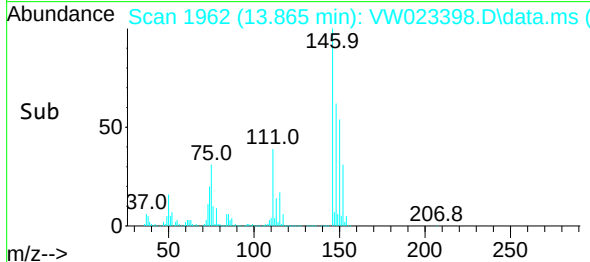
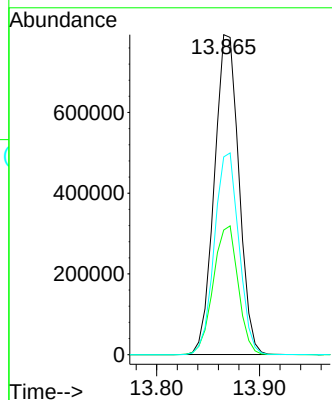
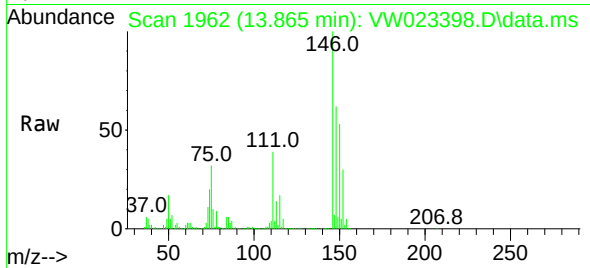
Tgt Ion:146 Resp: 1310138

Ion Ratio Lower Upper

146 100

111 39.0 35.7 53.5

148 61.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 84.307 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023398.D

Acq: 06 Jun 2022 10:36

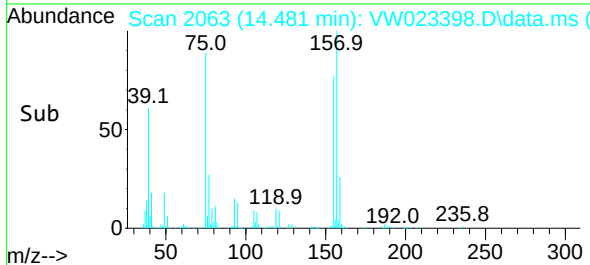
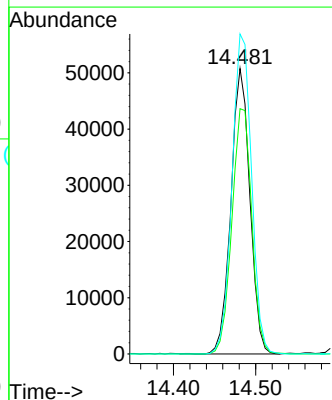
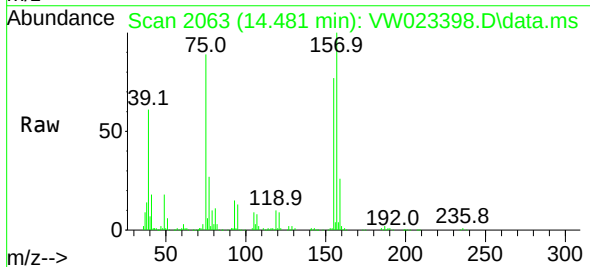
Tgt Ion: 75 Resp: 81444

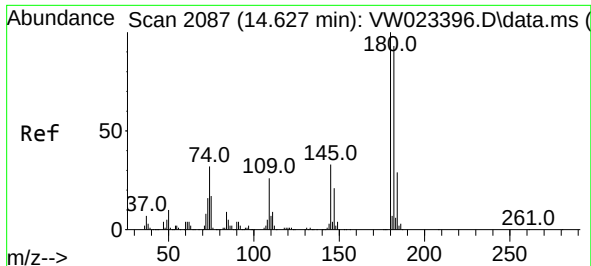
Ion Ratio Lower Upper

75 100

155 85.9 59.3 88.9

157 112.1 89.8 134.8

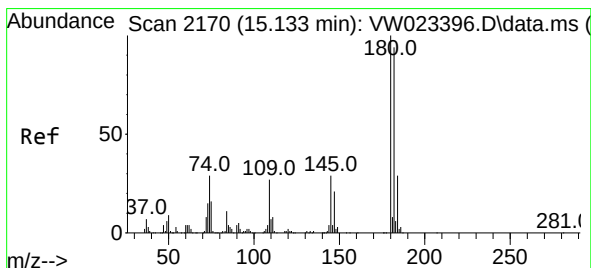
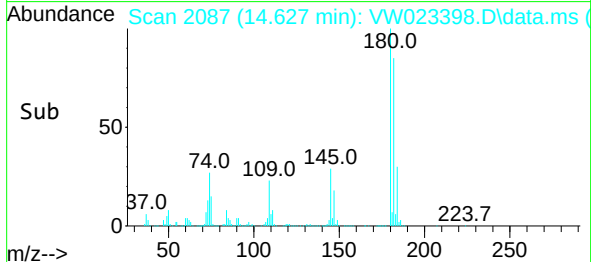
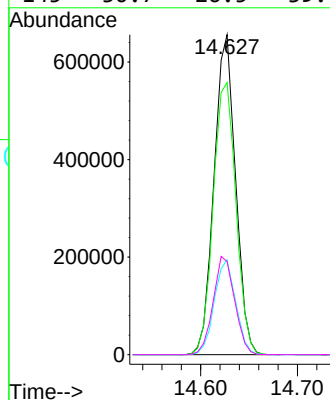
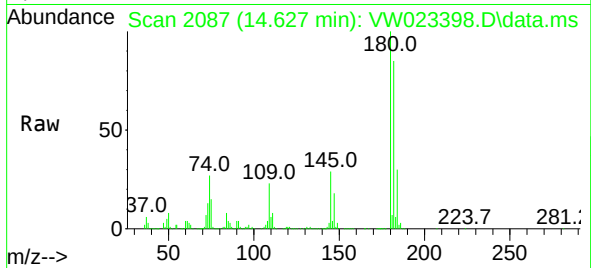




#69
 1,3,5-Trichlorobenzene
 Concen: 101.698 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

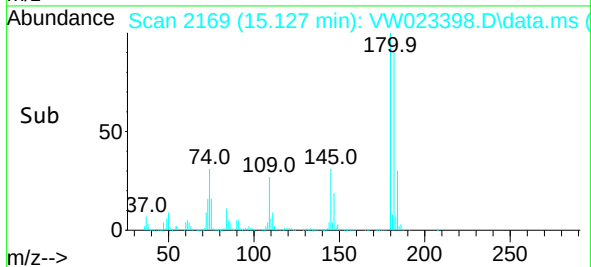
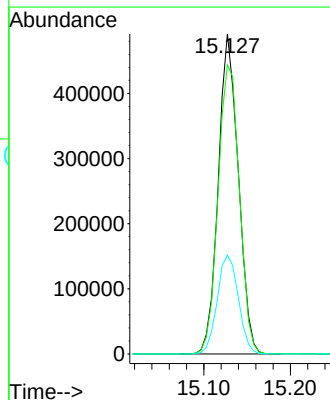
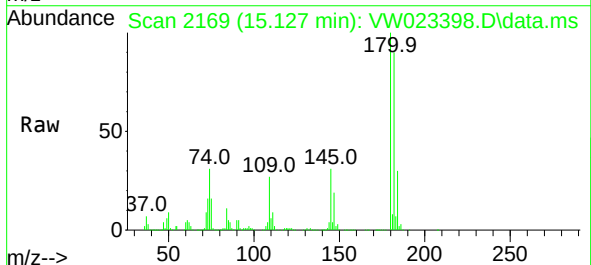
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD100417

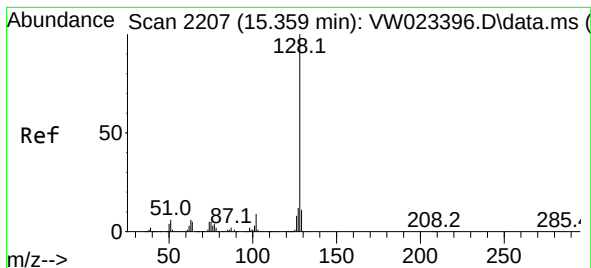
Tgt Ion:180 Resp: 1012504
 Ion Ratio Lower Upper
 180 100
 182 89.9 74.8 112.2
 184 29.5 23.4 35.2
 145 30.7 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 100.557 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW023398.D
 Acq: 06 Jun 2022 10:36

Tgt Ion:180 Resp: 790356
 Ion Ratio Lower Upper
 180 100
 182 96.0 74.9 112.3
 145 32.5 26.6 39.8

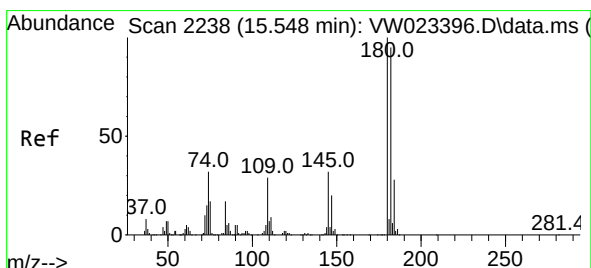
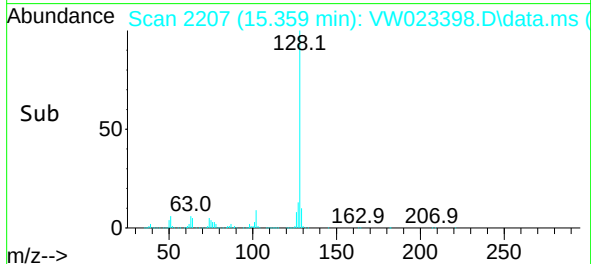
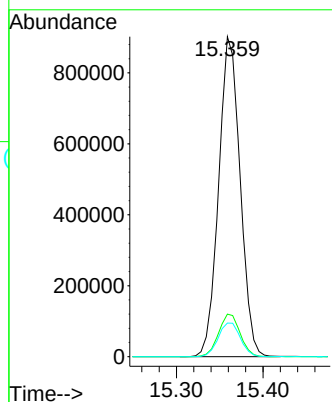
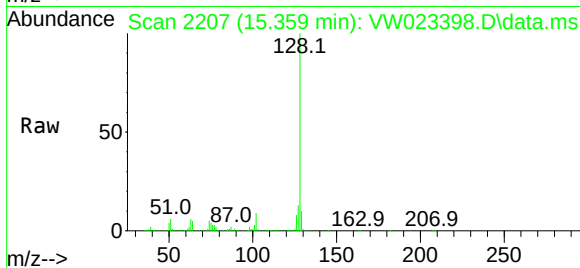




#71
Naphthalene
Concen: 104.615 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD100417

Tgt Ion:128 Resp: 1555101
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 101.393 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW023398.D
Acq: 06 Jun 2022 10:36

Tgt Ion:180 Resp: 695791
Ion Ratio Lower Upper
180 100
182 92.9 73.5 110.3
145 33.5 27.9 41.9

