

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023396.D
 Acq On : 06 Jun 2022 09:48
 Operator : SY/VA
 Sample : VSTD02515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

Quant Time: Jun 06 11:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 06 11:11:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	394040	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	381055	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	199573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	312124	43.187	ug/L	0.00
7) Chloroethane-d5	2.891	69	220409	44.502	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	405064	38.604	ug/L	0.00
21) 2-Butanone-d5	7.080	46	114119	79.238	ug/L	0.00
24) Chloroform-d	7.653	84	516415	41.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	276024	41.497	ug/L	0.00
32) Benzene-d6	8.275	84	1041594	41.712	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	296306	41.410	ug/L	0.00
41) Toluene-d8	10.323	98	1045455	43.187	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	134998	42.173	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	94432	82.205	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	251273	40.329	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	367879	42.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	26849	17.077	ug/L	98
3) Chloromethane	2.221	50	125586	25.314	ug/L	100
5) Vinyl chloride	2.361	62	192547	25.096	ug/L	96
6) Bromomethane	2.782	94	87193	24.057	ug/L	94
8) Chloroethane	2.922	64	91431	26.632	ug/L	97
9) Trichlorofluoromethane	3.257	101	92927	25.672	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129397	24.710	ug/L	96
13) Acetone	4.123	43	38316	43.267	ug/L	75
14) Carbon disulfide	4.385	76	376501	24.759	ug/L	99
15) Methyl Acetate	4.672	43	46934	24.167	ug/L	97
16) Methylene chloride	4.921	84	128271	22.528	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	134135	25.122	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	203388	25.795	ug/L	99
19) 1,1-Dichloroethane	6.220	63	226310	25.023	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	142705	25.347	ug/L #	95
22) 2-Butanone	7.171	43	63978	48.015	ug/L	99
23) Bromochloromethane	7.519	128	66479	24.874	ug/L	97
25) Chloroform	7.677	83	252816	25.449	ug/L	95
27) 1,2-Dichloroethane	8.403	62	165585	25.729	ug/L	99
29) Cyclohexane	7.957	56	212049	25.710	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	221121	24.797	ug/L	99
31) Carbon tetrachloride	8.073	117	208787	24.913	ug/L	97
33) Benzene	8.329	78	557792	25.146	ug/L	100
34) Trichloroethene	9.091	95	149632	24.903	ug/L	99
35) Methylcyclohexane	9.335	83	262286	26.356	ug/L	98
37) 1,2-Dichloropropane	9.366	63	132101	25.384	ug/L	100
38) Bromodichloromethane	9.646	83	184695	24.993	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	219885	26.576	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	146525	49.435	ug/L	99
42) Toluene	10.390	91	647022	26.201	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	191194	25.915	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	107678	25.188	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023396.D
 Acq On : 06 Jun 2022 09:48
 Operator : SY/VA
 Sample : VSTD02515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

Quant Time: Jun 06 11:12:54 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

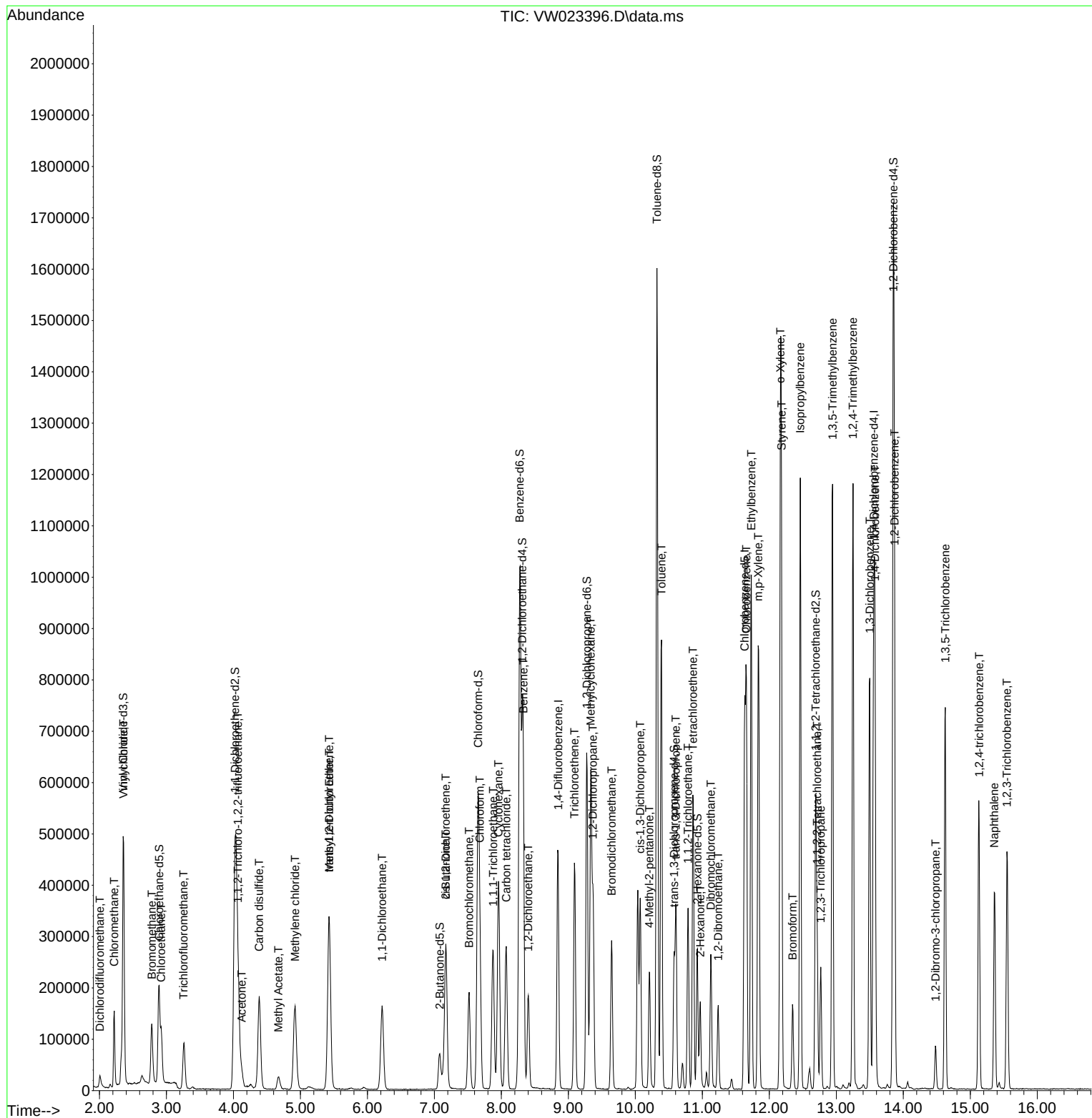
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.859	164	124190	25.939	ug/L	84
48) 2-Hexanone	10.969	43	99767	50.408	ug/L	97
49) Dibromochloromethane	11.128	129	130631	24.921	ug/L	97
50) 1,2-Dibromoethane	11.237	107	104951	25.094	ug/L #	97
51) Chlorobenzene	11.658	112	422095	25.848	ug/L	97
52) Ethylbenzene	11.731	91	710285	26.172	ug/L	99
53) m,p-Xylene	11.835	106	283484	26.368	ug/L	100
54) o-Xylene	12.164	106	271905	26.407	ug/L	92
55) Styrene	12.182	104	467253	26.662	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	127300	25.186	ug/L	93
59) Bromoform	12.347	173	69433	23.713	ug/L	96
60) Isopropylbenzene	12.463	105	742278	26.742	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	90979	25.014	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	632851	27.703	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	615326	32.877	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	326723	25.935	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	335629	25.969	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	303001	26.446	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19037	23.593	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.627	180	218159	26.234	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	168699	25.697	ug/L	96
71) Naphthalene	15.359	128	336333	27.088	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147790	25.784	ug/L	97

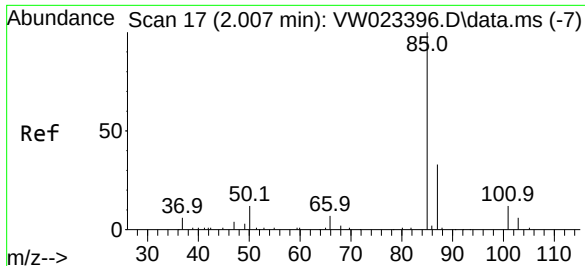
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023396.D
 Acq On : 06 Jun 2022 09:48
 Operator : SY/VA
 Sample : VSTD02515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

Quant Time: Jun 06 11:12:54 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

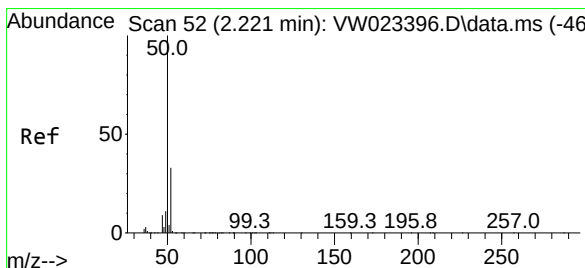
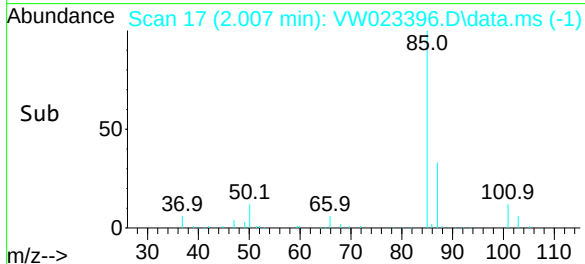
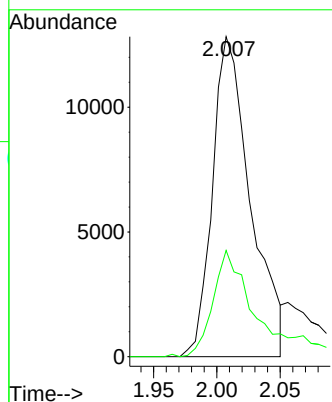
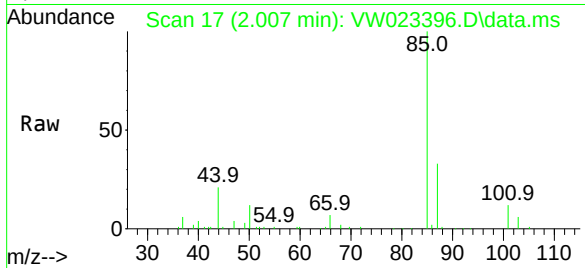




#2
 Dichlorodifluoromethane
 Concen: 17.077 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

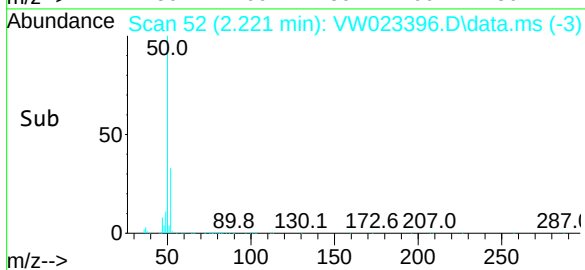
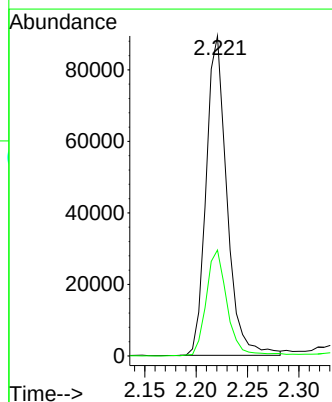
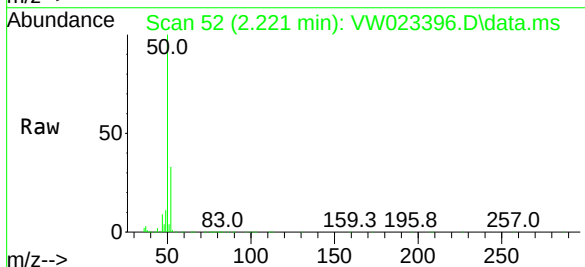
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

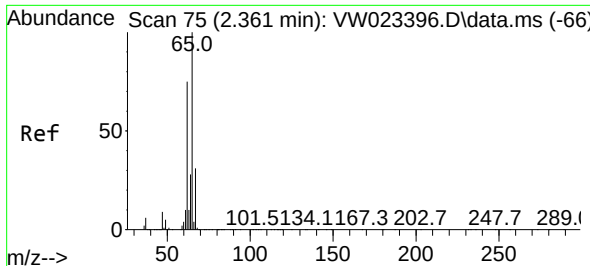
Tgt Ion: 85 Resp: 26849
 Ion Ratio Lower Upper
 85 100
 87 33.4 27.8 41.8



#3
 Chloromethane
 Concen: 25.314 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

Tgt Ion: 50 Resp: 125586
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9

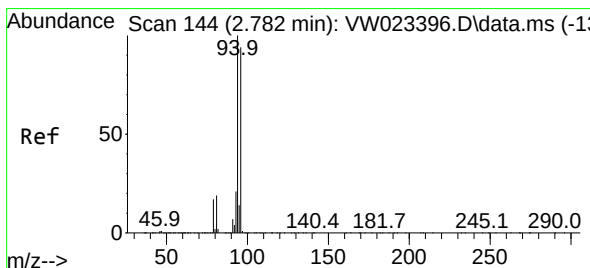
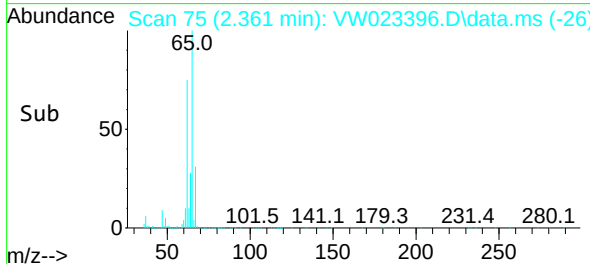
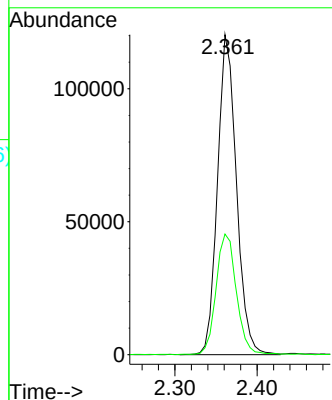
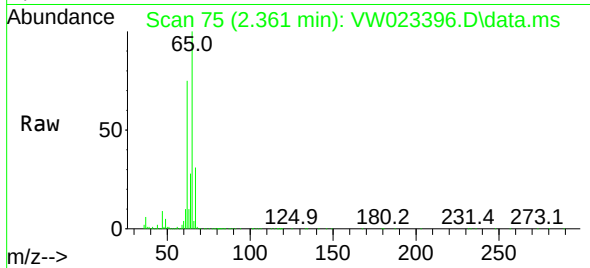




#5
 Vinyl chloride
 Concen: 25.096 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

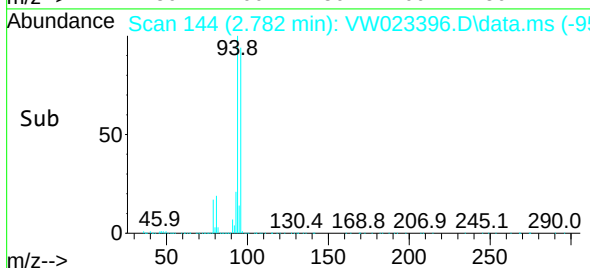
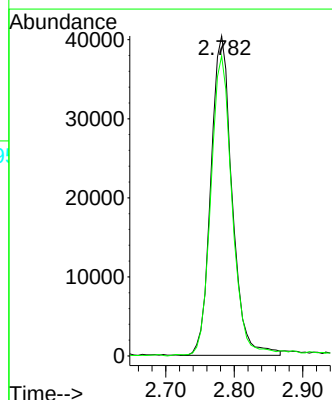
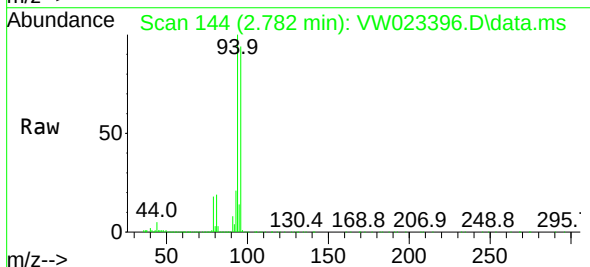
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

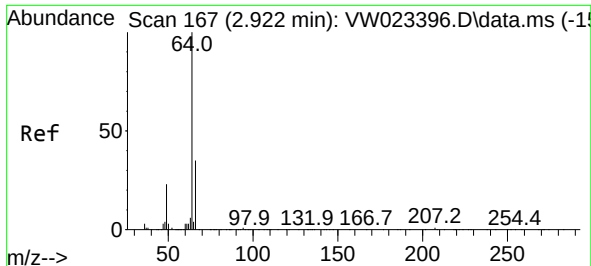
Tgt Ion: 62 Resp: 192547
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.9 46.3



#6
 Bromomethane
 Concen: 24.057 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

Tgt Ion: 94 Resp: 87193
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.7 114.5

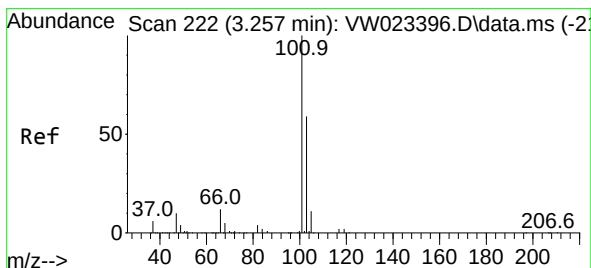
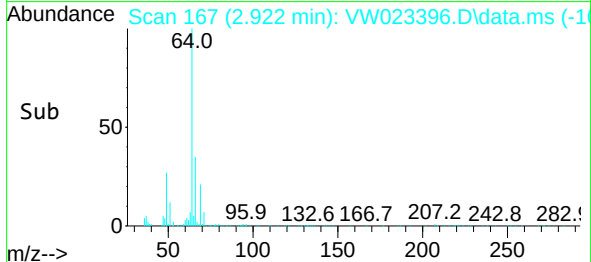
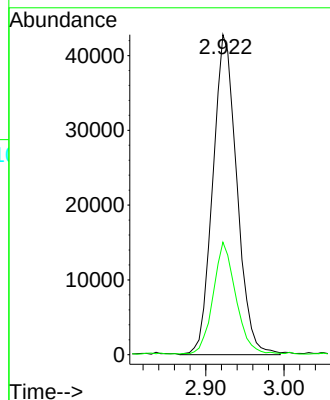
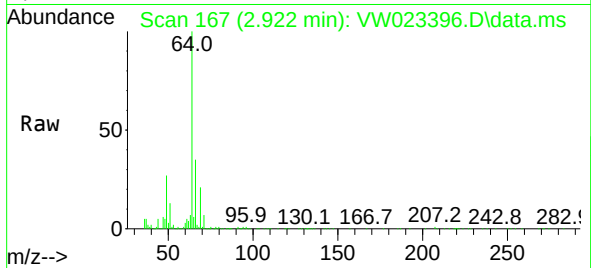




#8
Chloroethane
Concen: 26.632 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

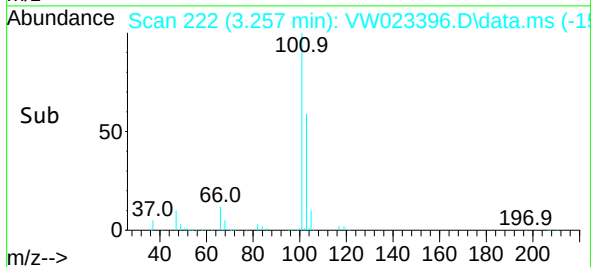
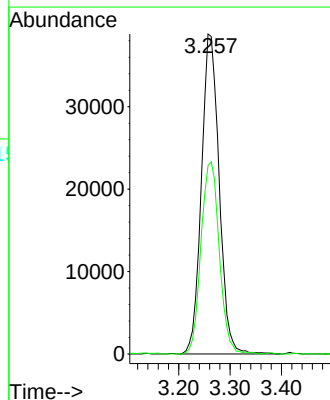
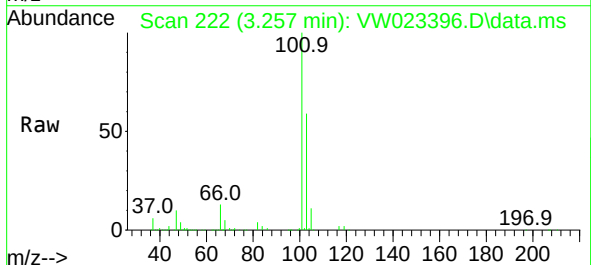
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

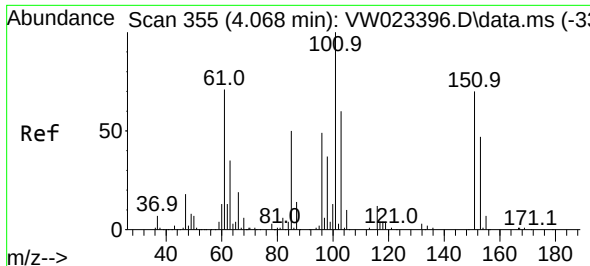
Tgt Ion: 64 Resp: 91431
Ion Ratio Lower Upper
64 100
66 35.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 25.672 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 101 Resp: 92927
Ion Ratio Lower Upper
101 100
103 61.7 53.9 80.9

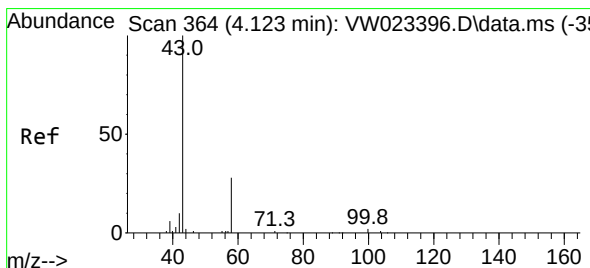
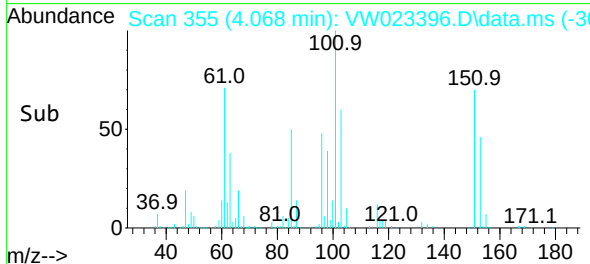
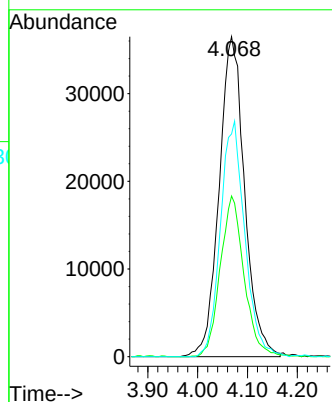
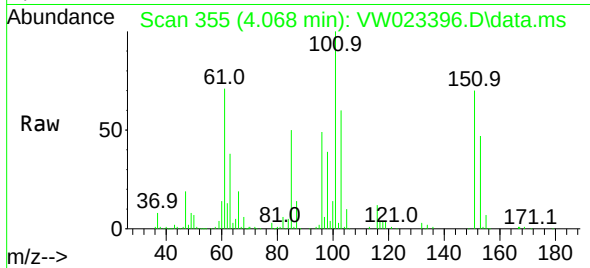




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.710 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

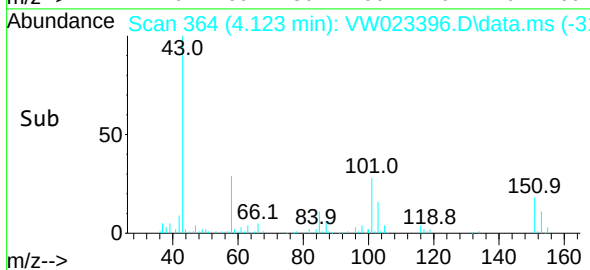
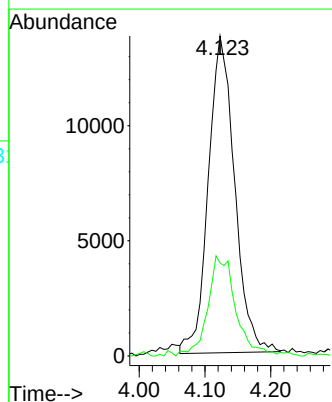
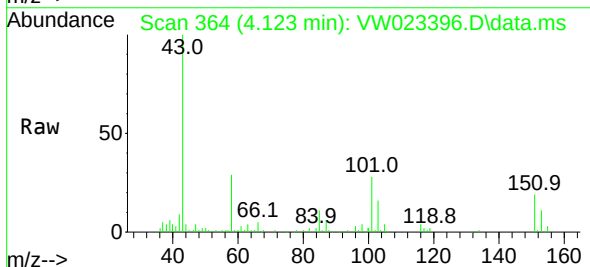
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

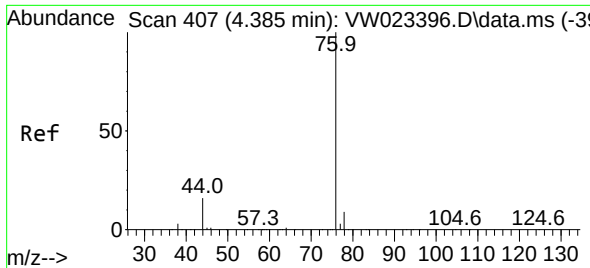
Tgt Ion:101 Resp: 129397
 Ion Ratio Lower Upper
 101 100
 85 46.4 34.3 51.5
 151 70.2 54.2 81.2



#13
 Acetone
 Concen: 43.267 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

Tgt Ion: 43 Resp: 38316
 Ion Ratio Lower Upper
 43 100
 58 18.1 0.0 64.0

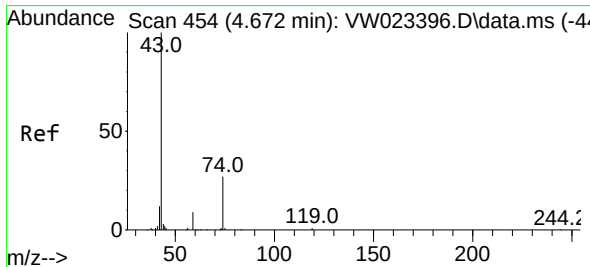
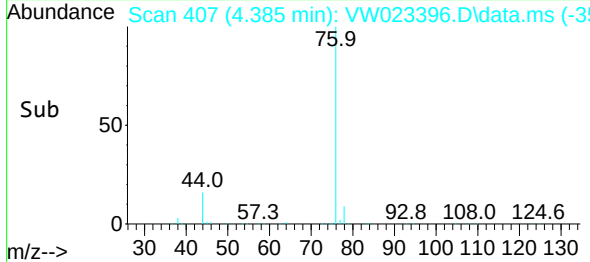
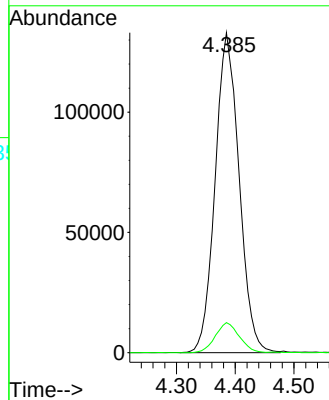
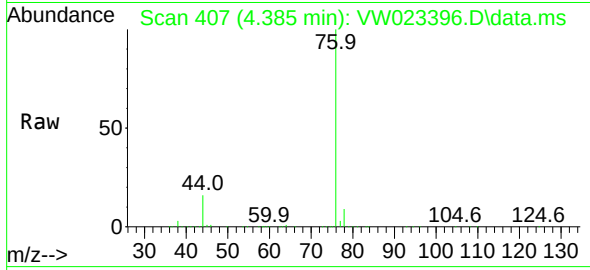




#14
Carbon disulfide
Concen: 24.759 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

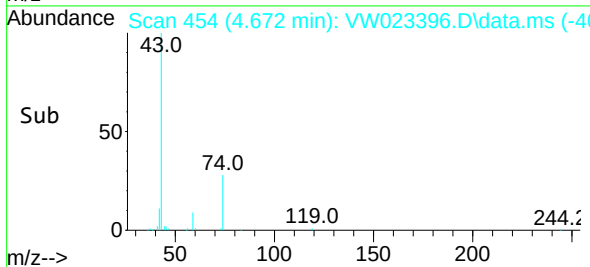
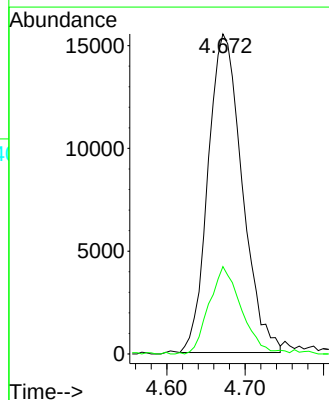
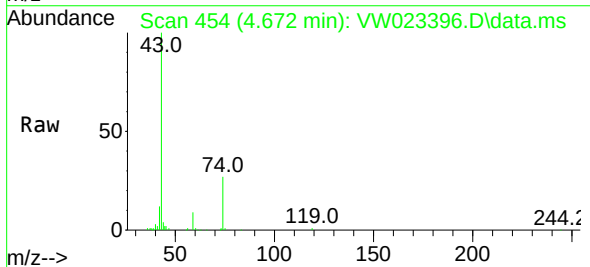
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

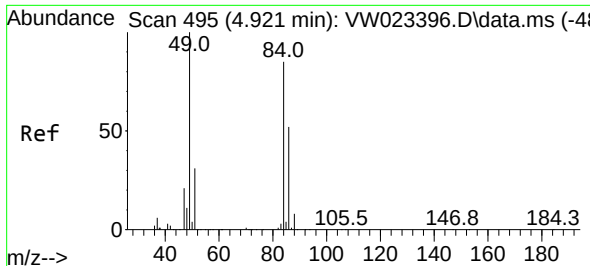
Tgt Ion: 76 Resp: 376501
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



#15
Methyl Acetate
Concen: 24.167 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 43 Resp: 46934
Ion Ratio Lower Upper
43 100
74 25.6 21.9 32.9

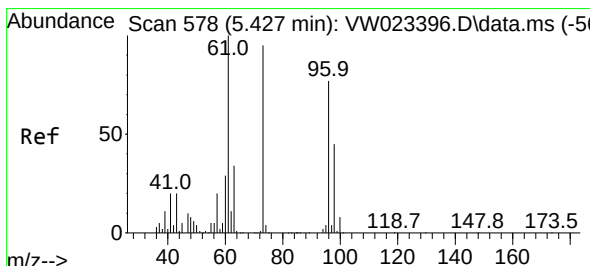
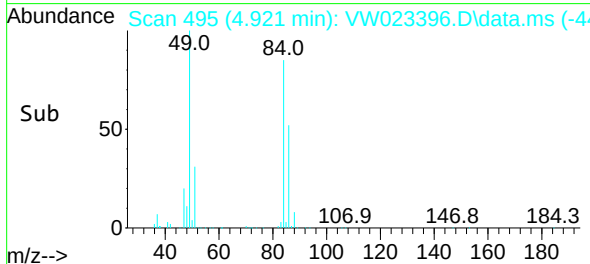
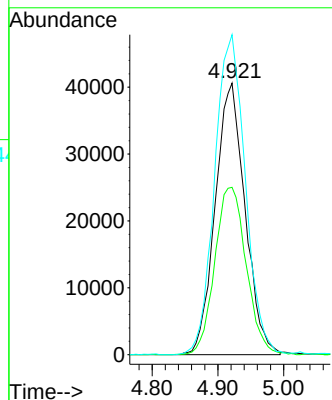
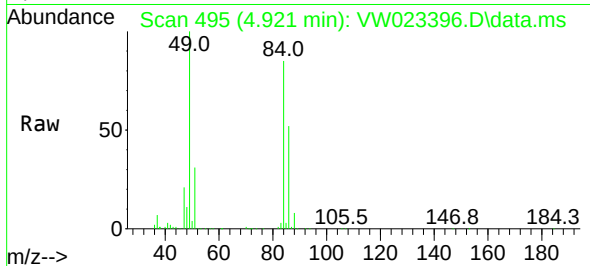




#16
Methylene chloride
Concen: 22.528 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

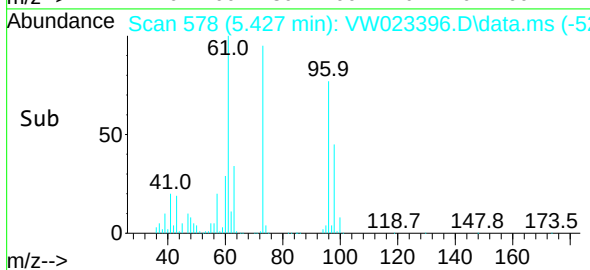
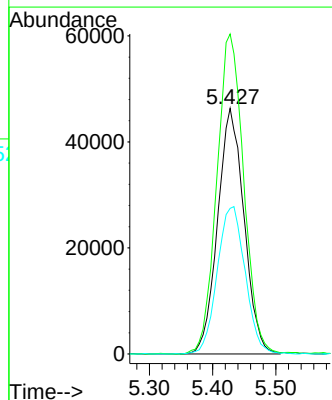
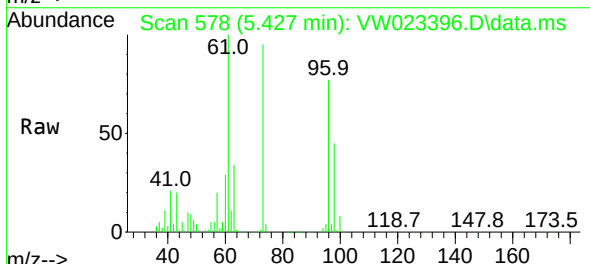
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

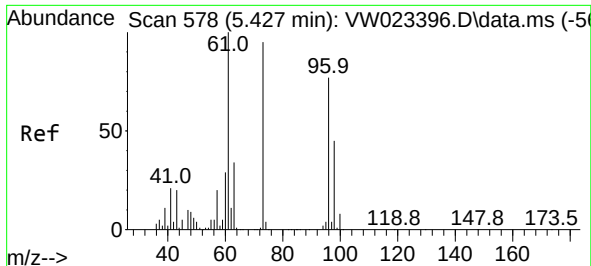
Tgt Ion: 84 Resp: 128271
Ion Ratio Lower Upper
84 100
86 61.6 45.4 84.4
49 117.8 82.5 153.1



#17
trans-1,2-Dichloroethene
Concen: 25.122 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 96 Resp: 134135
Ion Ratio Lower Upper
96 100
61 130.3 92.2 171.2
98 59.3 42.9 79.7

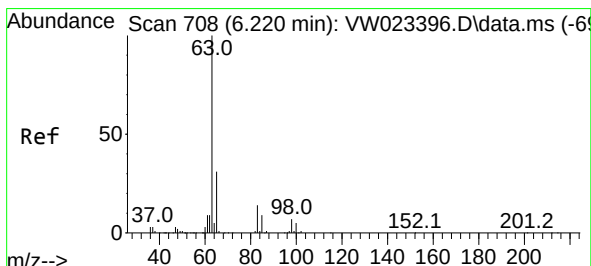
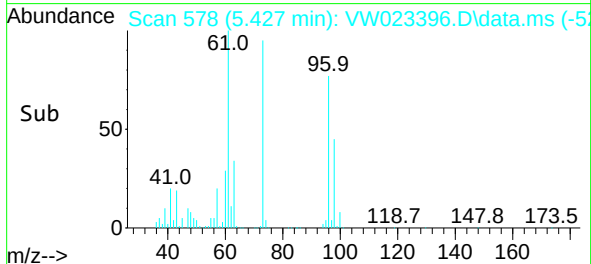
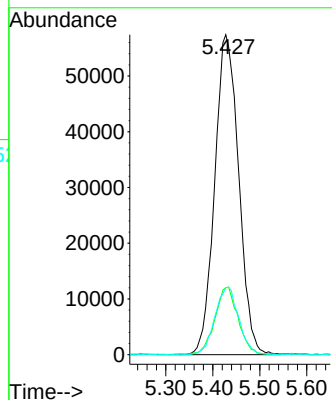
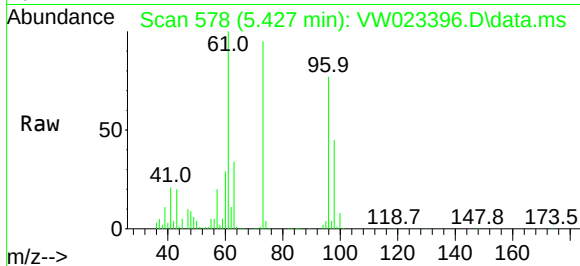




#18
Methyl tert-butyl Ether
Concen: 25.795 ug/L
RT: 5.427 min Scan# 518
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

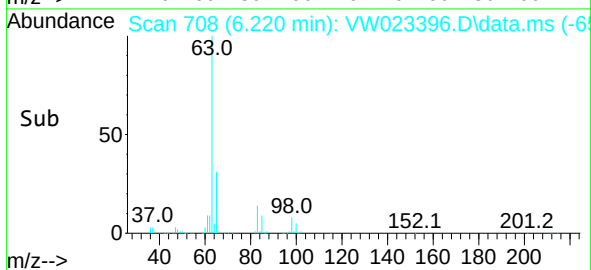
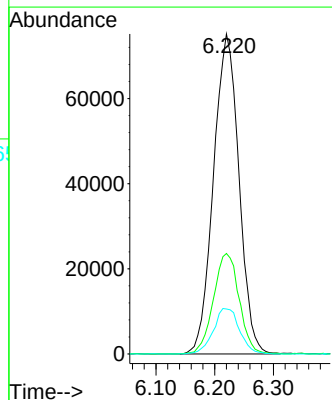
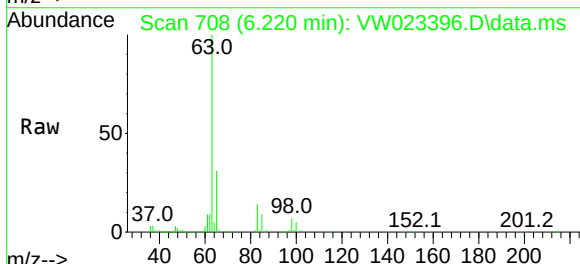
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

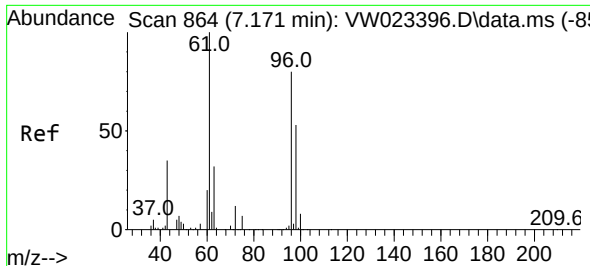
Tgt Ion: 73 Resp: 203388
Ion Ratio Lower Upper
73 100
43 20.0 15.9 23.9
57 21.0 16.5 24.7



#19
1,1-Dichloroethane
Concen: 25.023 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 63 Resp: 226310
Ion Ratio Lower Upper
63 100
65 31.4 23.3 43.3
83 14.0 11.1 20.5

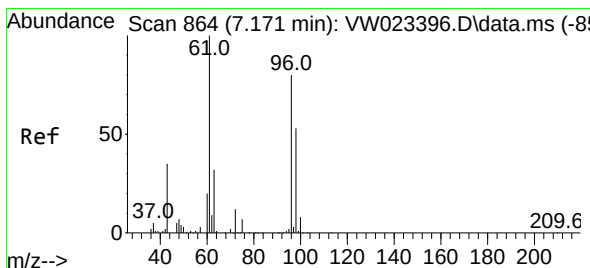
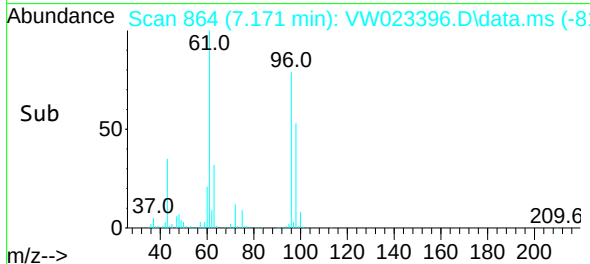
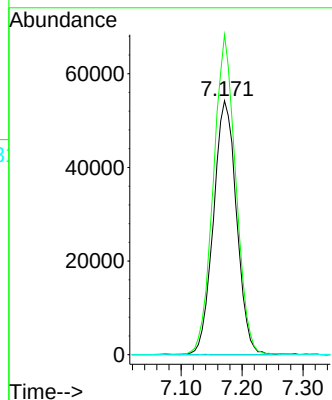
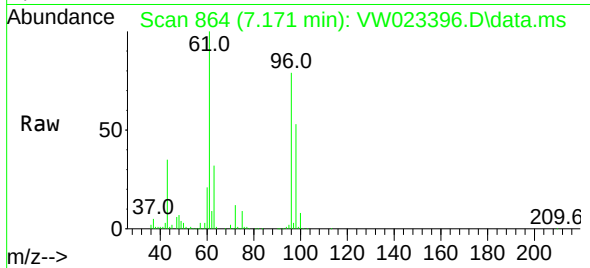




#20
 cis-1,2-Dichloroethene
 Concen: 25.347 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

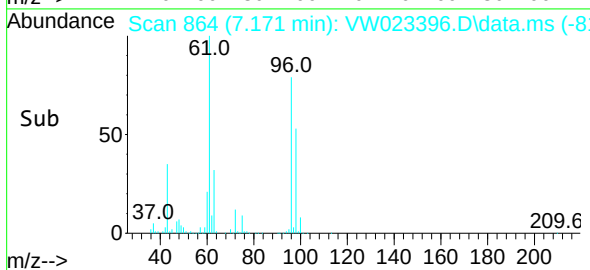
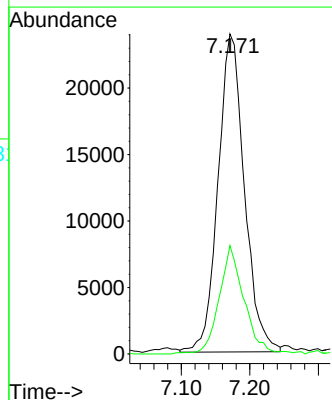
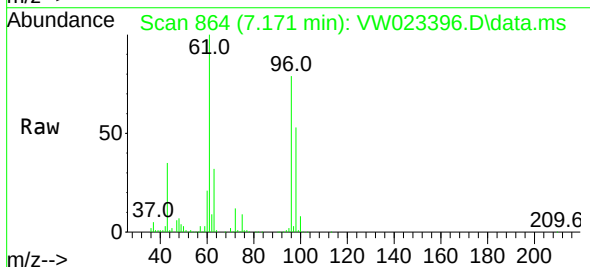
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

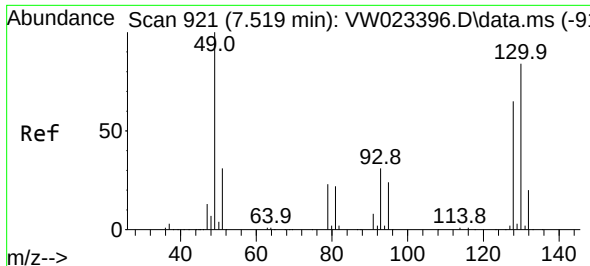
Tgt Ion: 96 Resp: 142705
 Ion Ratio Lower Upper
 96 100
 61 126.0 84.2 156.4
 68 0.0 0.1 0.1#



#22
 2-Butanone
 Concen: 48.015 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

Tgt Ion: 43 Resp: 63978
 Ion Ratio Lower Upper
 43 100
 72 30.6 15.1 45.3

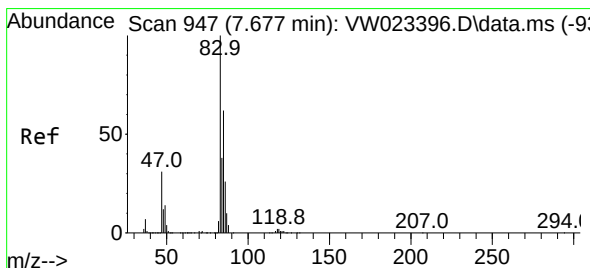
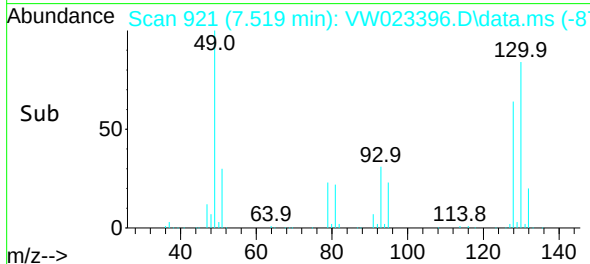
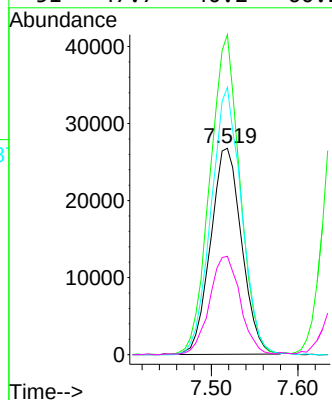
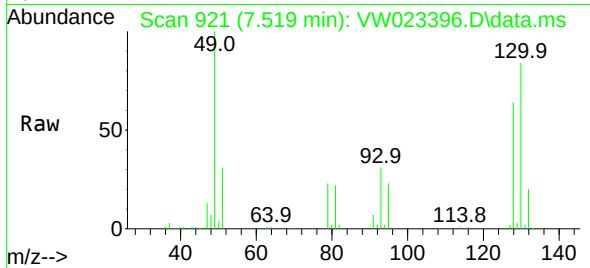




#23
Bromochloromethane
Concen: 24.874 ug/L
RT: 7.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

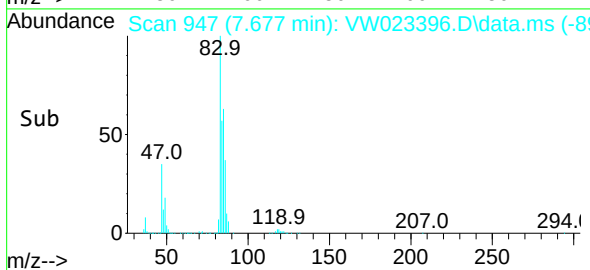
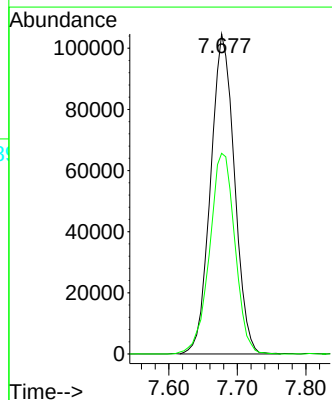
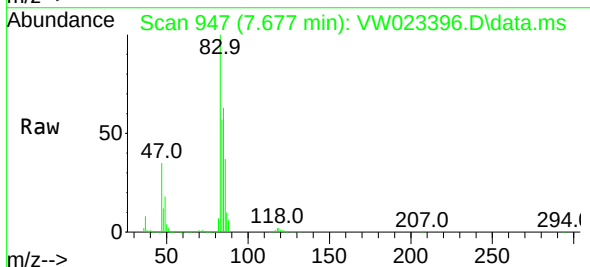
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

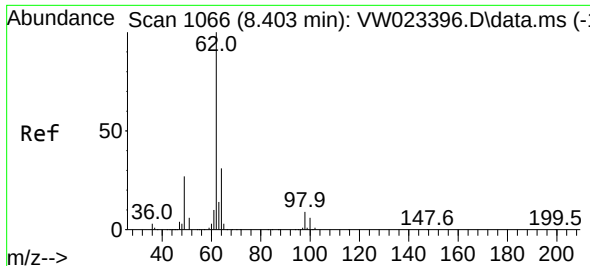
Tgt Ion:128 Resp: 66479
Ion Ratio Lower Upper
128 100
49 155.1 110.0 204.4
130 129.5 94.8 176.0
51 47.7 40.2 60.2



#25
Chloroform
Concen: 25.449 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 83 Resp: 252816
Ion Ratio Lower Upper
83 100
85 62.7 46.6 86.6





#27

1,2-Dichloroethane

Concen: 25.729 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

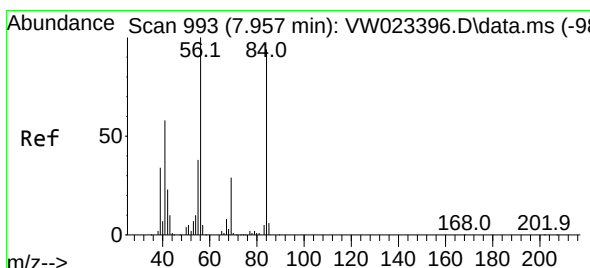
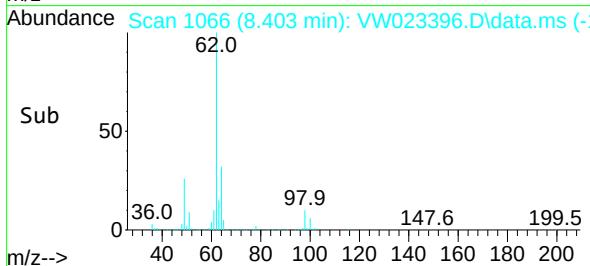
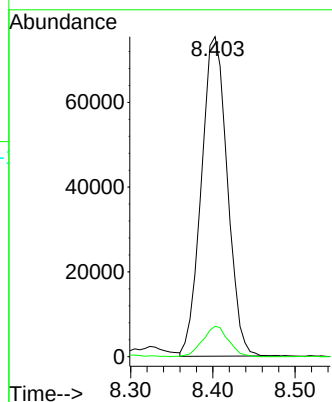
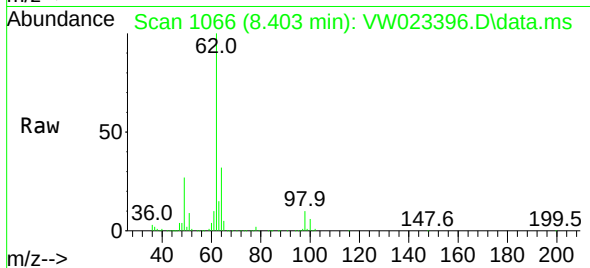
VSTD025415

Tgt Ion: 62 Resp: 165585

Ion Ratio Lower Upper

62 100

98 9.5 7.2 10.8



#29

Cyclohexane

Concen: 25.710 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

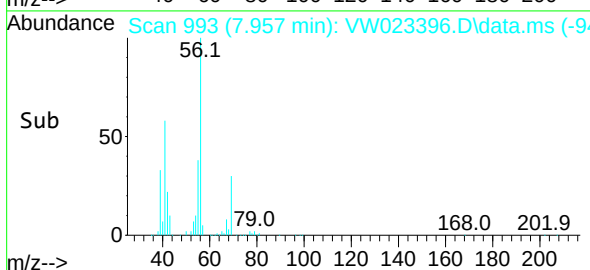
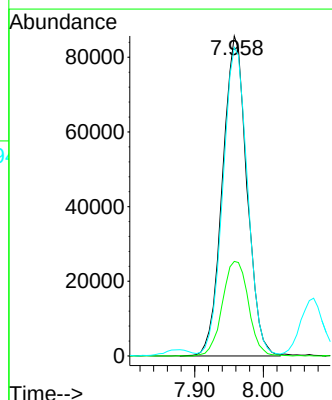
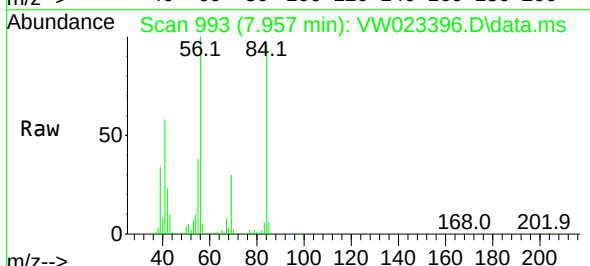
Tgt Ion: 56 Resp: 212049

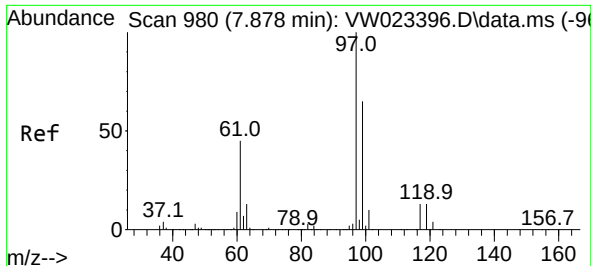
Ion Ratio Lower Upper

56 100

69 31.5 25.6 38.4

84 97.1 78.2 117.4





#30

1,1,1-Trichloroethane

Concen: 24.797 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025415

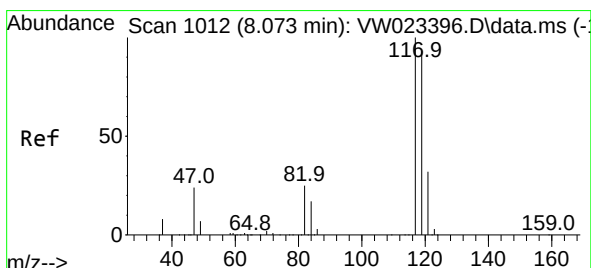
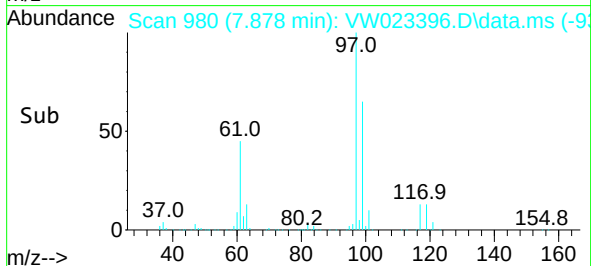
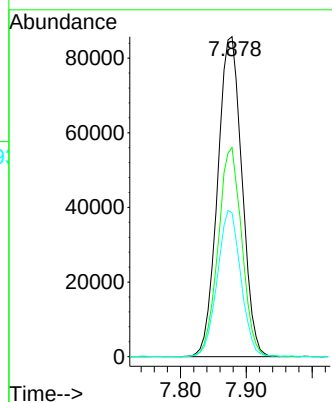
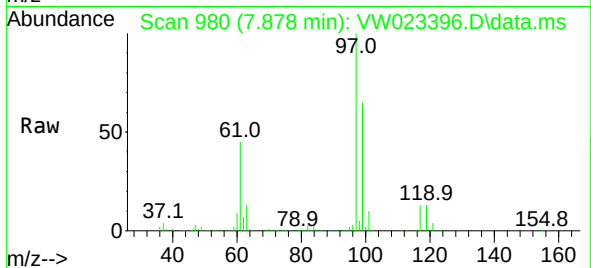
Tgt Ion: 97 Resp: 221121

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

61 44.2 34.8 52.2



#31

Carbon tetrachloride

Concen: 24.913 ug/L

RT: 8.073 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VW023396.D

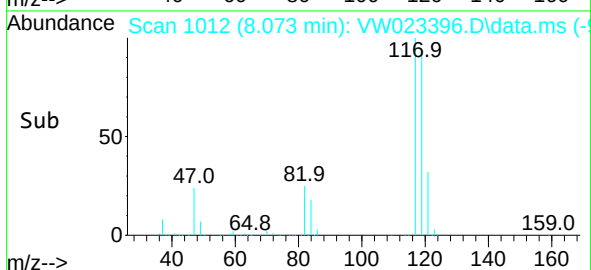
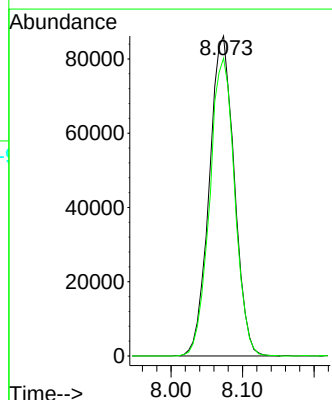
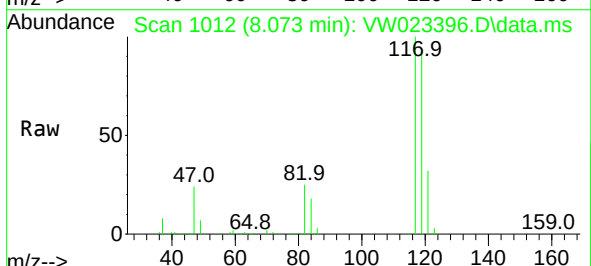
Acq: 06 Jun 2022 09:48

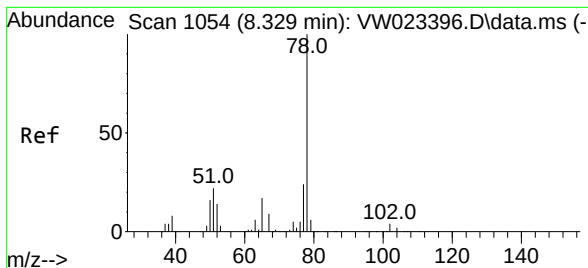
Tgt Ion: 117 Resp: 208787

Ion Ratio Lower Upper

117 100

119 93.3 76.6 115.0





#33

Benzene

Concen: 25.146 ug/L

RT: 8.329 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

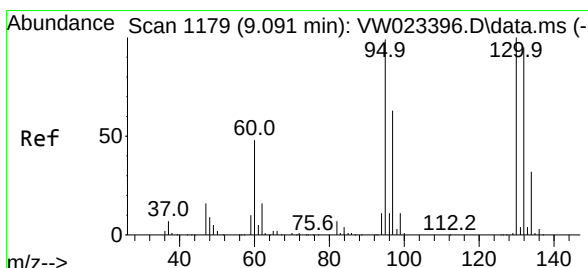
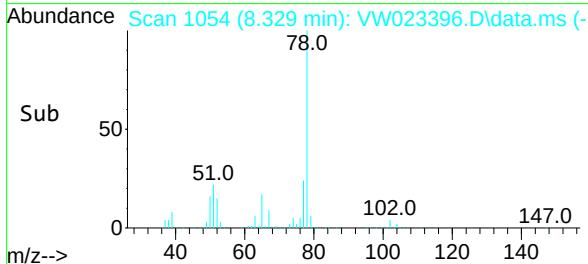
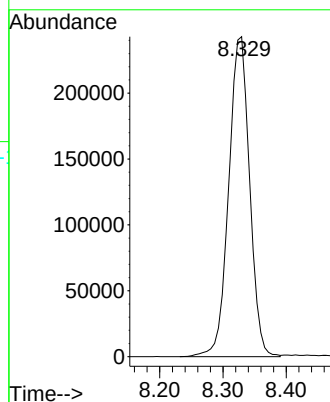
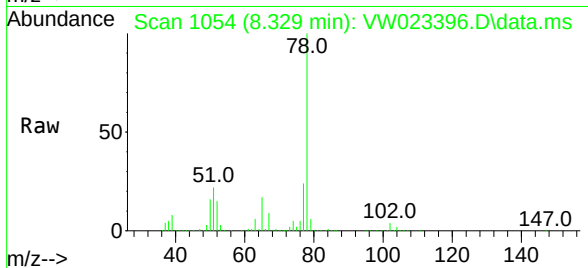
Instrument :

MSVOA_W

ClientSampleId :

VSTD025415

Tgt Ion: 78 Resp: 557792



#34

Trichloroethene

Concen: 24.903 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Tgt Ion: 95 Resp: 149632

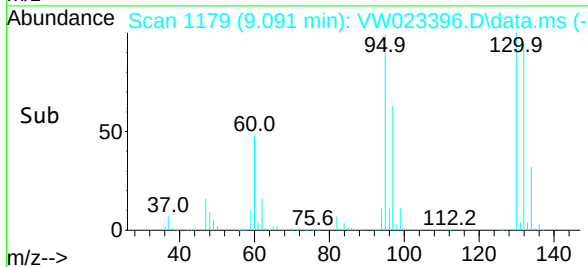
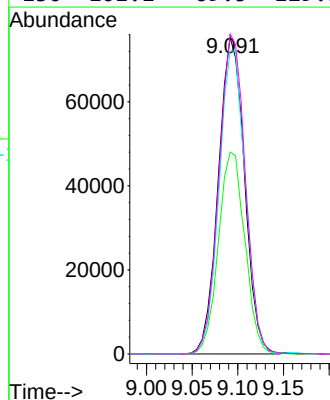
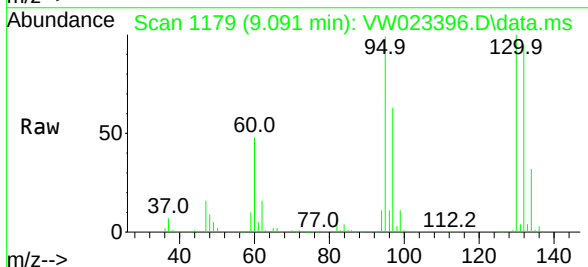
Ion Ratio Lower Upper

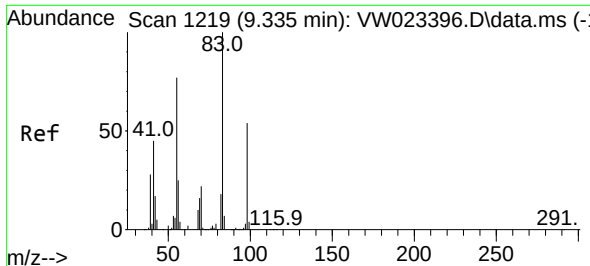
95 100

97 63.8 46.1 85.7

132 95.6 66.9 124.3

130 101.1 69.5 129.1

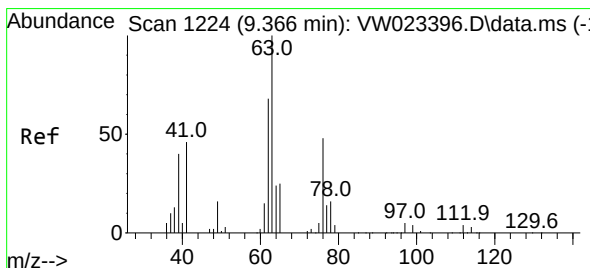
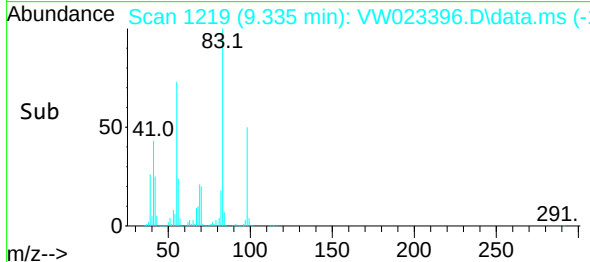
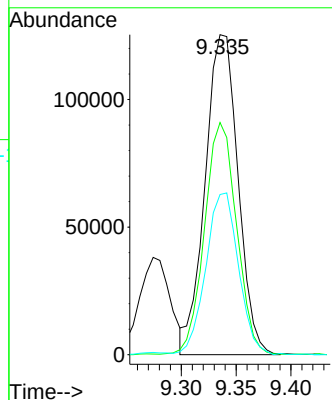
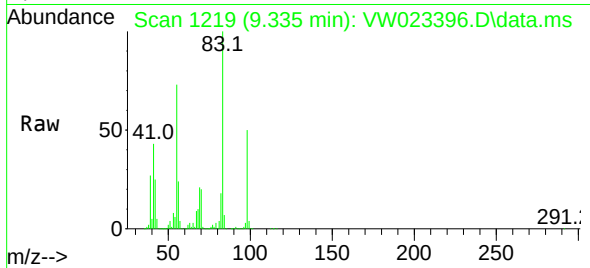




#35
Methylcyclohexane
Concen: 26.356 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

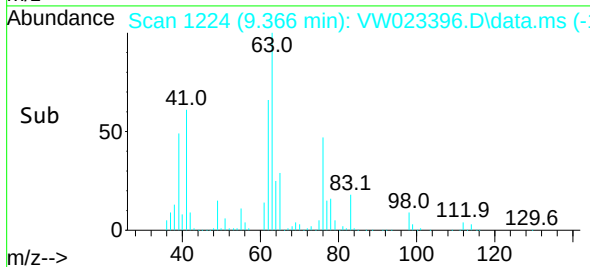
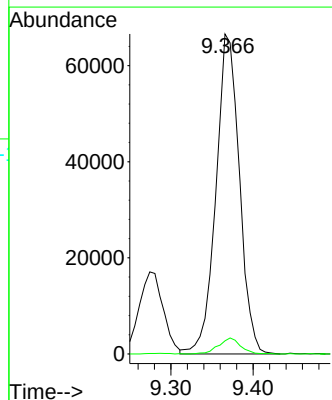
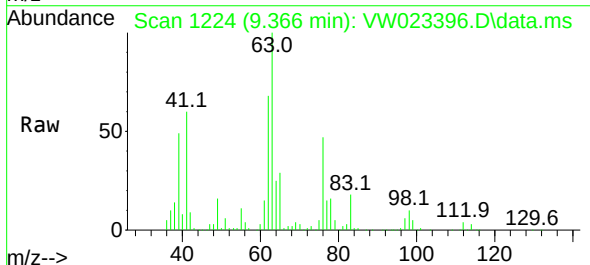
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

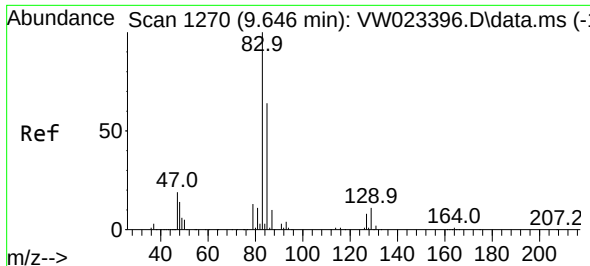
Tgt Ion: 83 Resp: 262286
Ion Ratio Lower Upper
83 100
55 70.7 55.1 82.7
98 50.1 40.4 60.6



#37
1,2-Dichloropropane
Concen: 25.384 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 63 Resp: 132101
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8

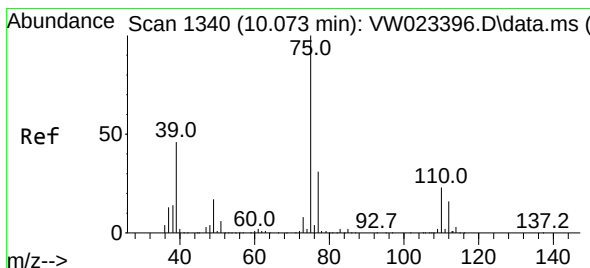
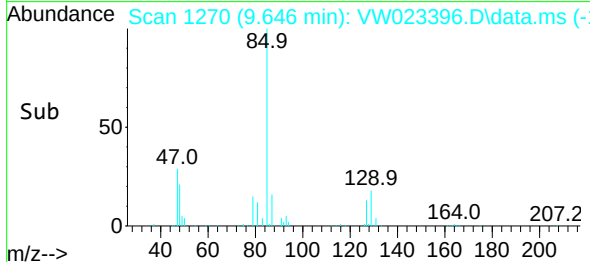
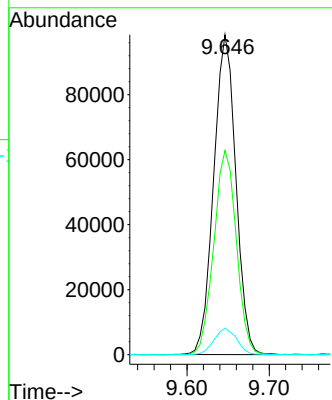
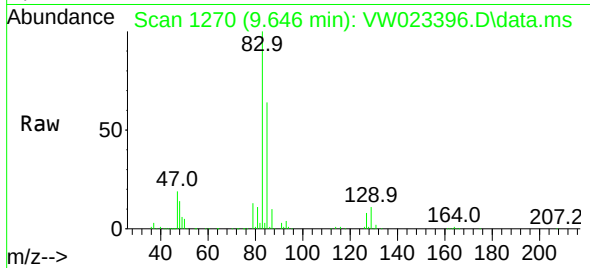




#38
Bromodichloromethane
Concen: 24.993 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

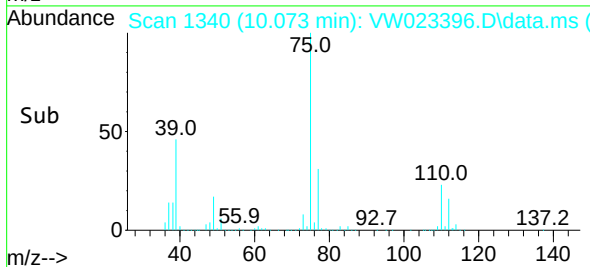
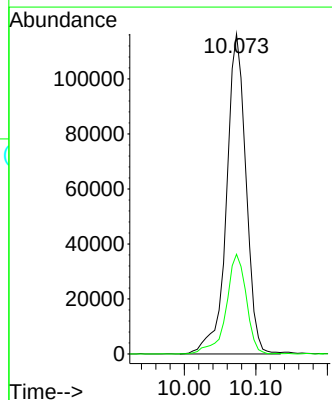
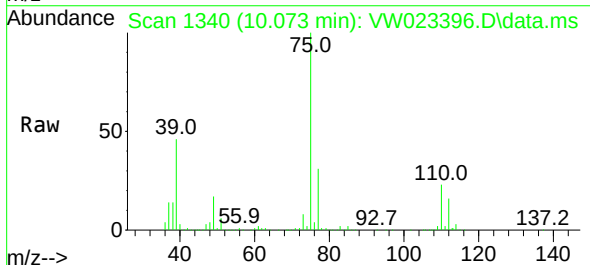
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

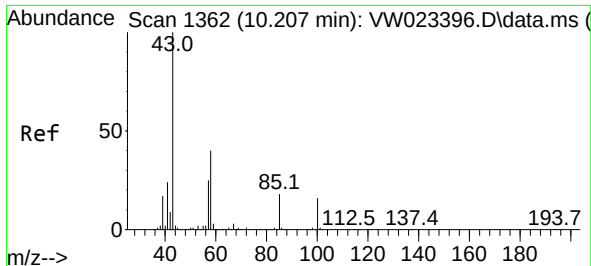
Tgt Ion: 83 Resp: 184695
Ion Ratio Lower Upper
83 100
85 63.8 43.5 80.7
127 8.3 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 26.576 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 75 Resp: 219885
Ion Ratio Lower Upper
75 100
77 31.1 22.1 41.1





#40

4-Methyl-2-pentanone

Concen: 49.435 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025415

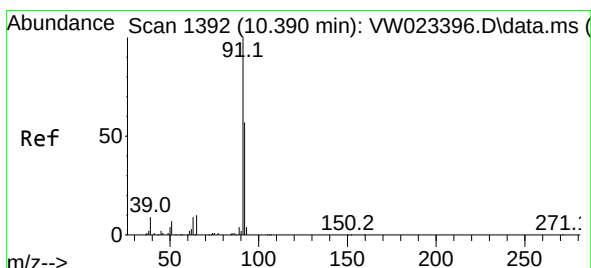
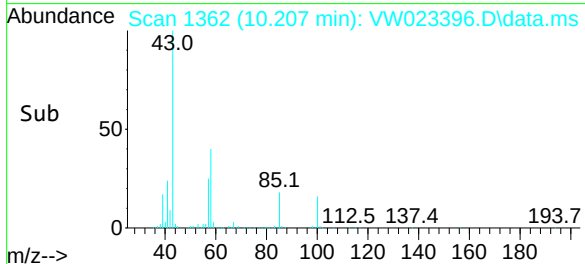
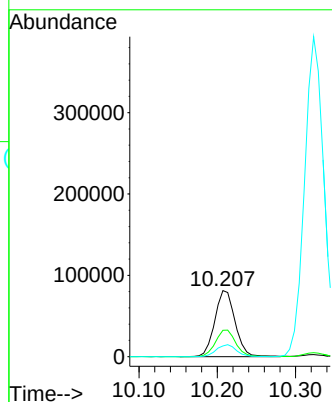
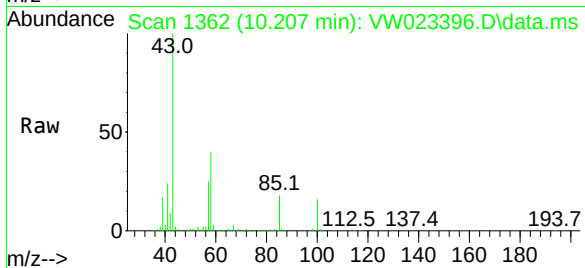
Tgt Ion: 43 Resp: 146525

Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2

100 18.1 14.2 21.4



#42

Toluene

Concen: 26.201 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW023396.D

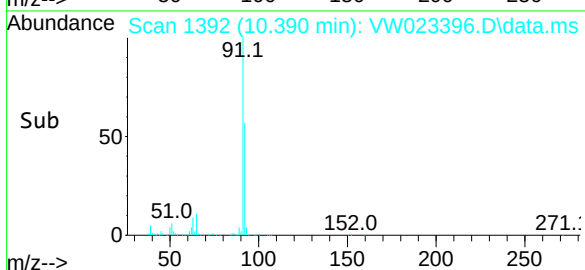
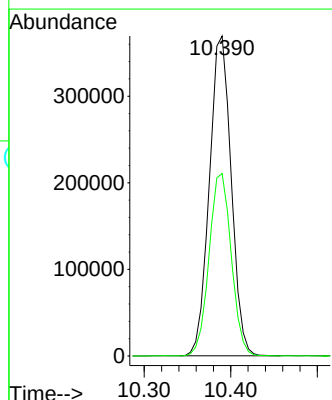
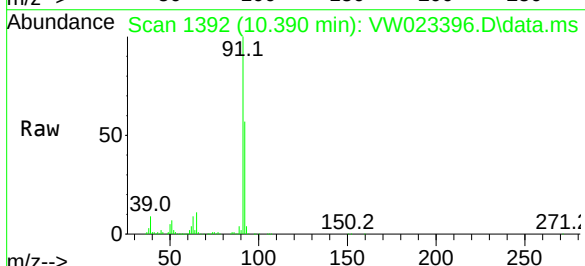
Acq: 06 Jun 2022 09:48

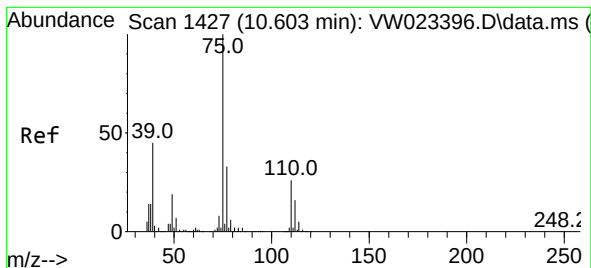
Tgt Ion: 91 Resp: 647022

Ion Ratio Lower Upper

91 100

92 57.0 41.6 77.2





#44

trans-1,3-Dichloropropene

Concen: 25.915 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

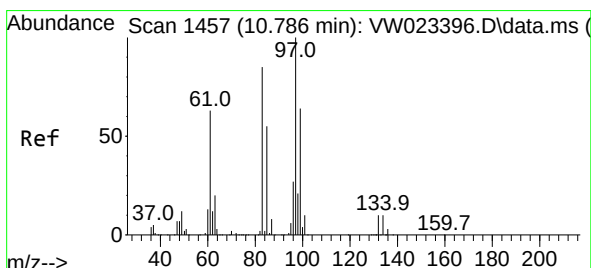
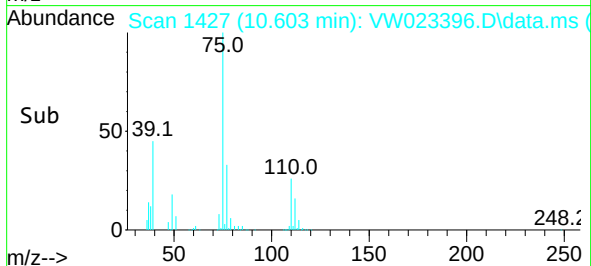
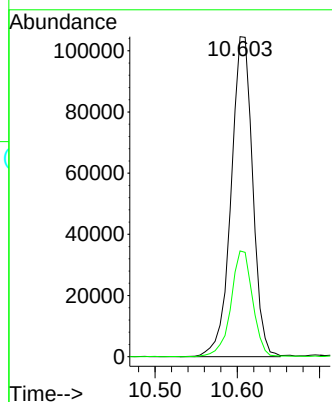
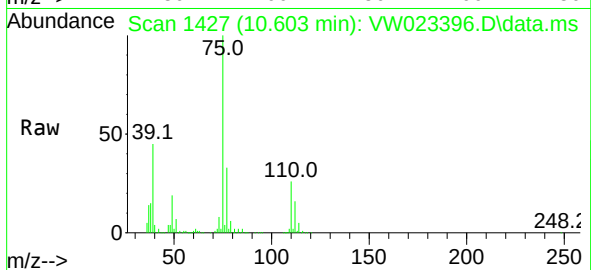
VSTD025415

Tgt Ion: 75 Resp: 191194

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8



#45

1,1,2-Trichloroethane

Concen: 25.188 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Tgt Ion: 97 Resp: 107678

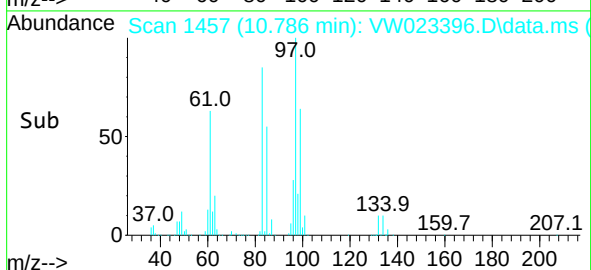
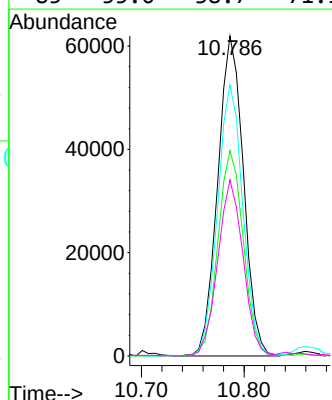
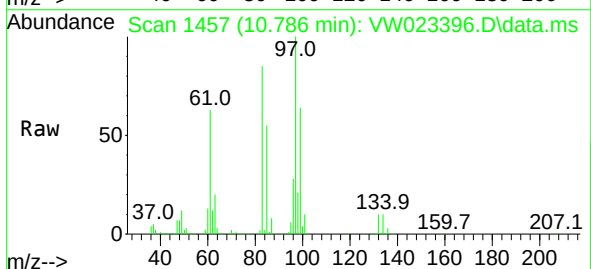
Ion Ratio Lower Upper

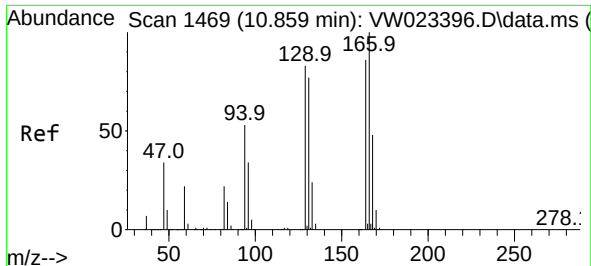
97 100

99 64.1 44.7 82.9

83 84.7 58.4 108.4

85 55.0 38.7 71.9

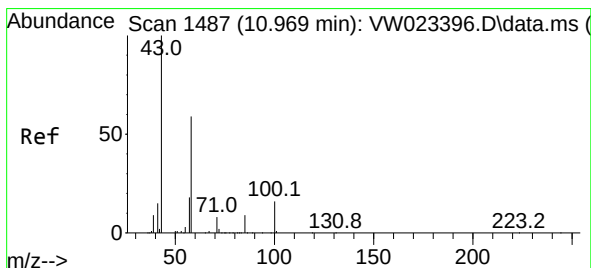
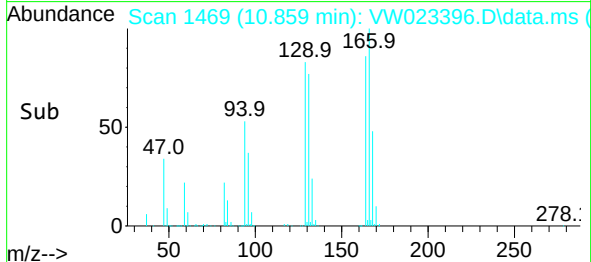
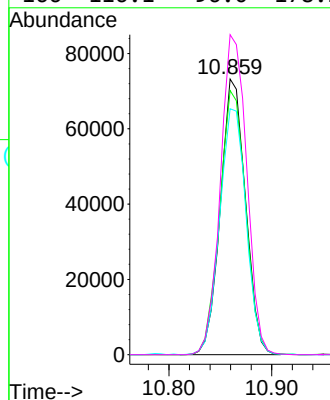
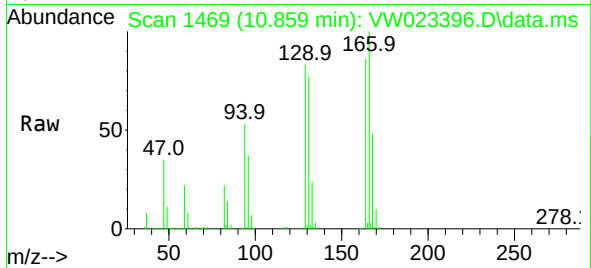




#46
Tetrachloroethene
Concen: 25.939 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

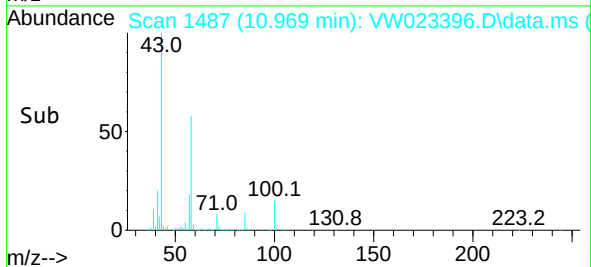
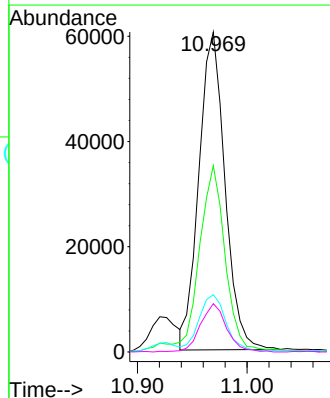
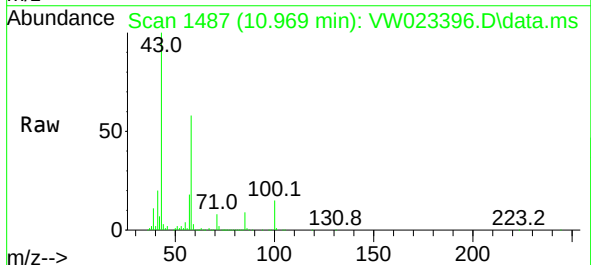
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

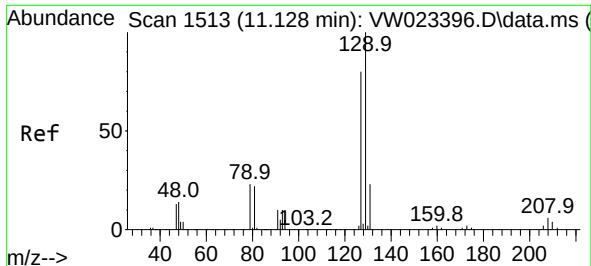
Tgt Ion:	164	Resp:	124190
Ion	Ratio	Lower	Upper
164	100		
129	95.8	76.9	142.7
131	89.2	75.1	139.5
166	116.1	96.0	178.2



#48
2-Hexanone
Concen: 50.408 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion:	43	Resp:	99767
Ion	Ratio	Lower	Upper
43	100		
58	55.4	45.9	68.9
57	19.0	16.2	24.2
100	15.2	10.7	16.1





#49

Dibromochloromethane

Concen: 24.921 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

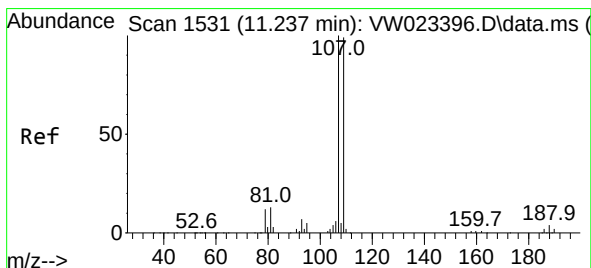
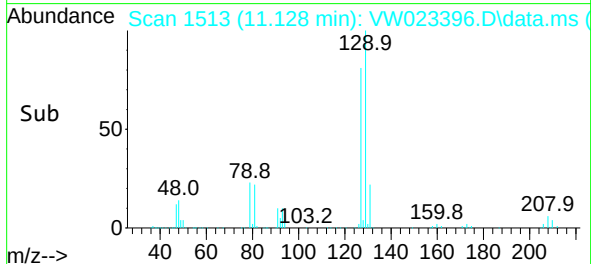
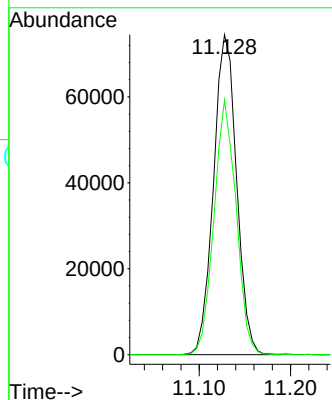
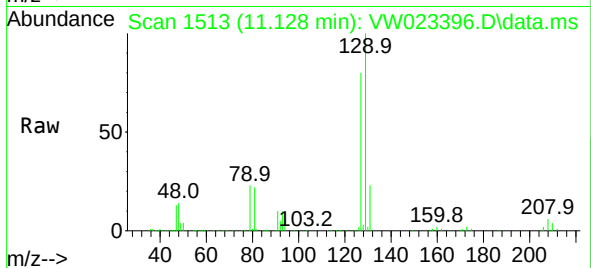
VSTD025415

Tgt Ion:129 Resp: 130631

Ion Ratio Lower Upper

129 100

127 79.5 53.8 100.0



#50

1,2-Dibromoethane

Concen: 25.094 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

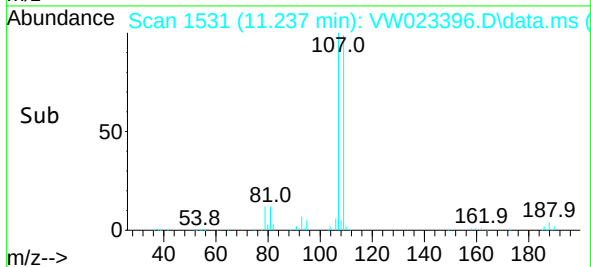
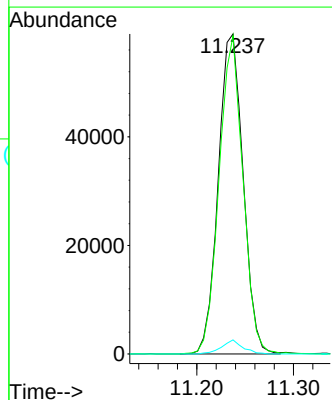
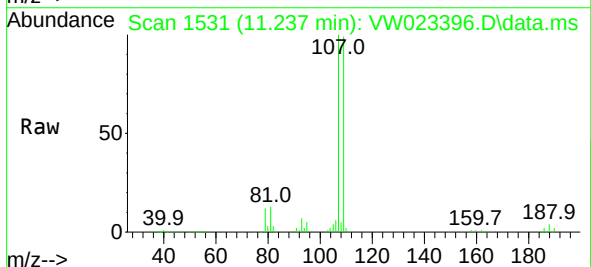
Tgt Ion:107 Resp: 104951

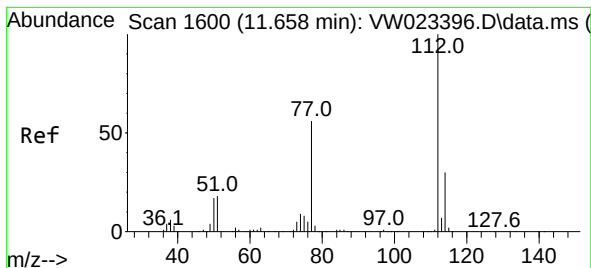
Ion Ratio Lower Upper

107 100

109 99.4 67.5 125.4

188 4.4 2.9 4.3#

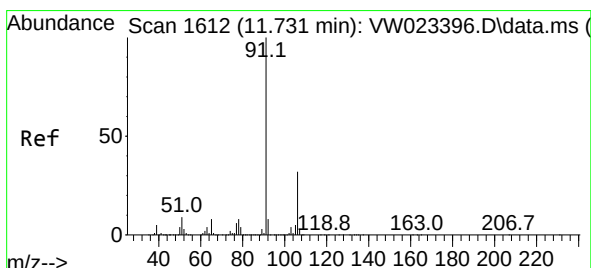
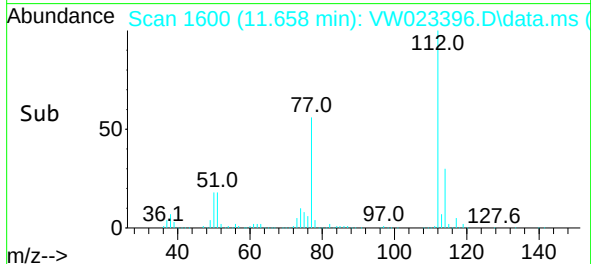
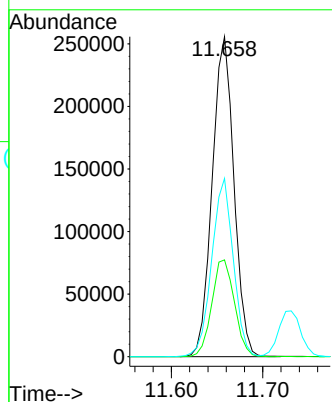
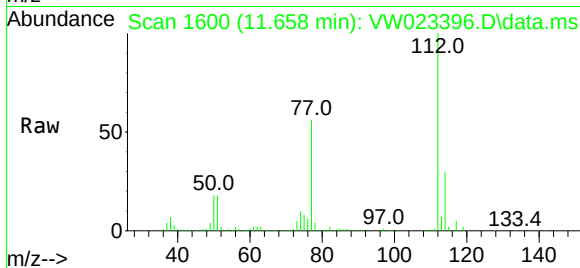




#51
Chlorobenzene
Concen: 25.848 ug/L
RT: 11.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

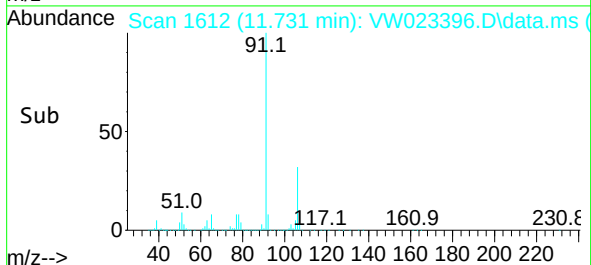
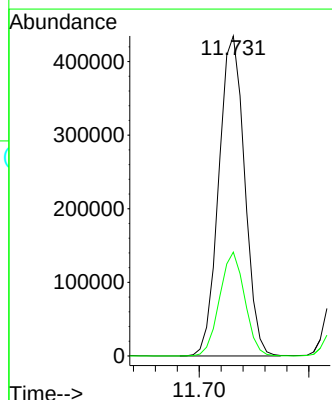
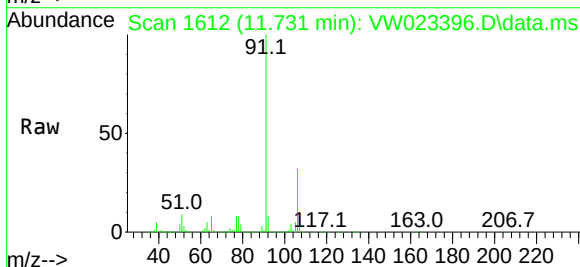
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

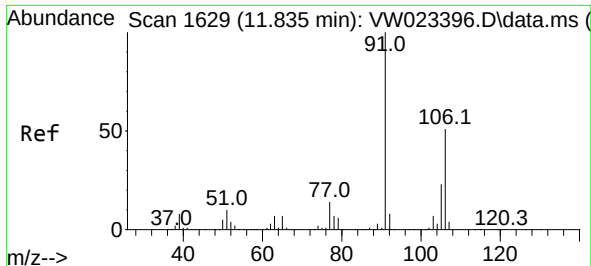
Tgt Ion:112 Resp: 422095
Ion Ratio Lower Upper
112 100
114 30.3 22.0 41.0
77 55.7 42.6 63.8



#52
Ethylbenzene
Concen: 26.172 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion: 91 Resp: 710285
Ion Ratio Lower Upper
91 100
106 32.4 22.3 41.3

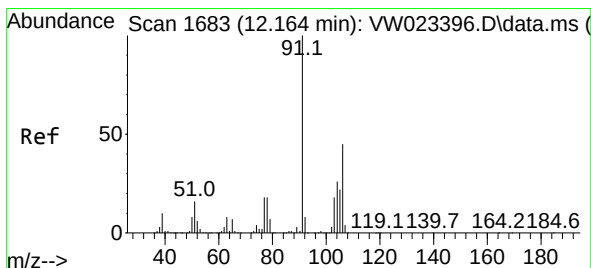
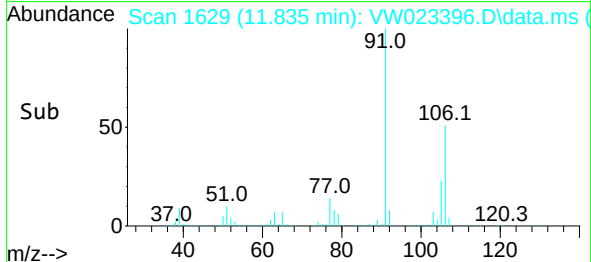
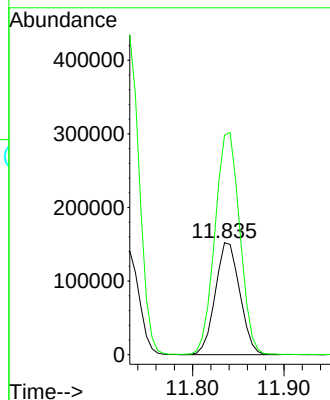
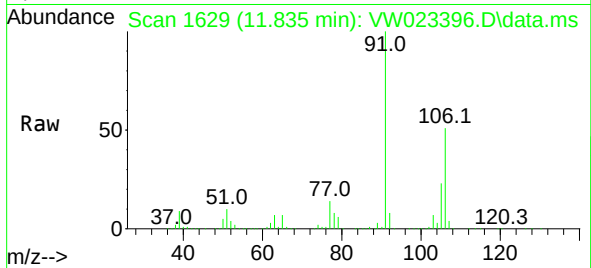




#53
m,p-Xylene
Concen: 26.368 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

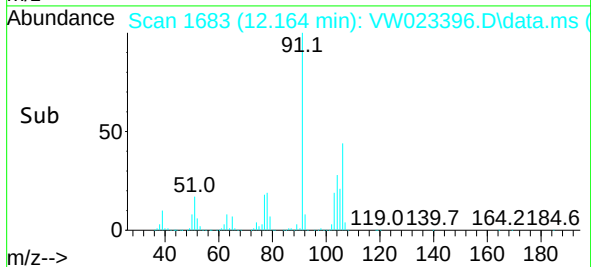
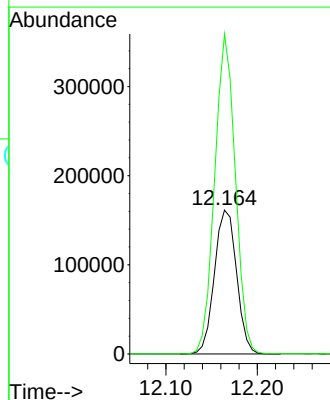
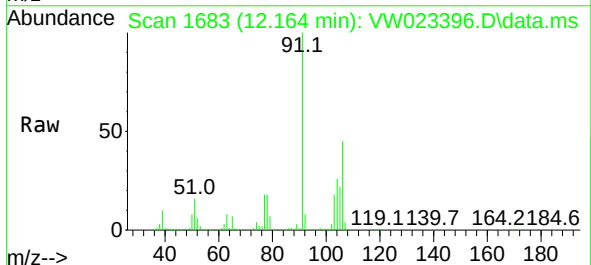
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

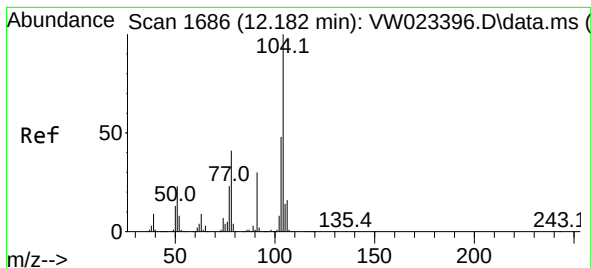
Tgt Ion:106 Resp: 283484
Ion Ratio Lower Upper
106 100
91 195.8 136.8 254.0



#54
o-Xylene
Concen: 26.407 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion:106 Resp: 271905
Ion Ratio Lower Upper
106 100
91 222.4 147.2 273.4





#55

Styrene

Concen: 26.662 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

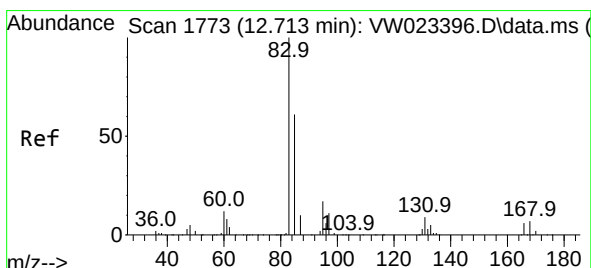
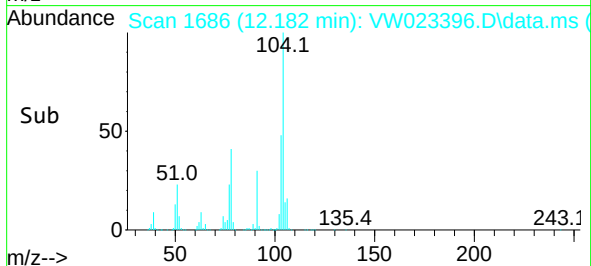
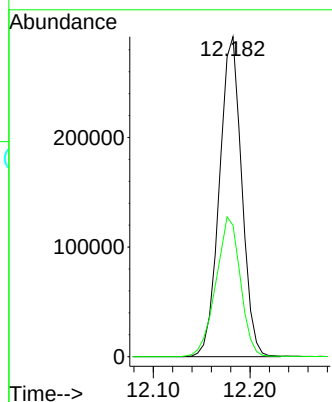
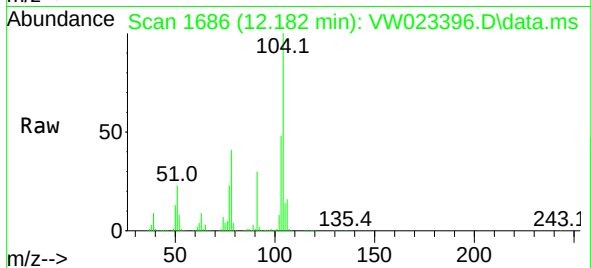
VSTD025415

Tgt Ion:104 Resp: 467253

Ion Ratio Lower Upper

104 100

78 41.1 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.186 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

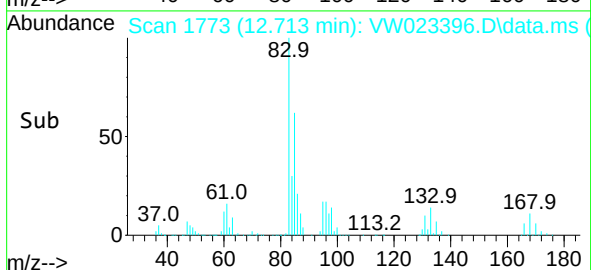
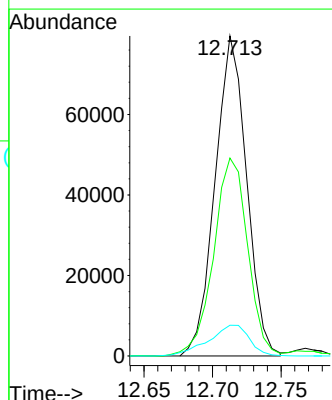
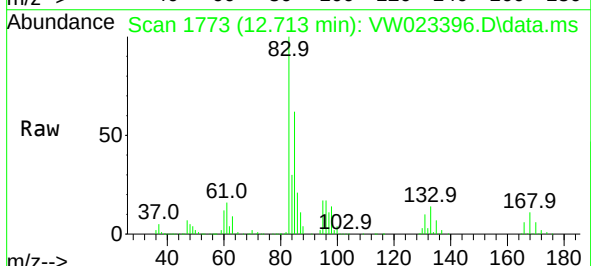
Tgt Ion: 83 Resp: 127300

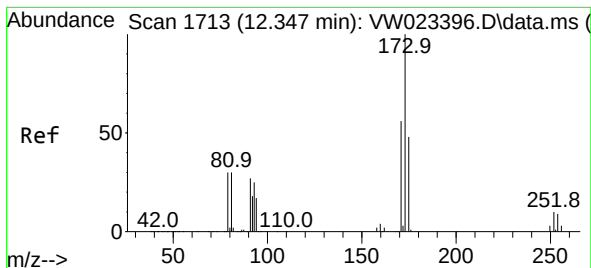
Ion Ratio Lower Upper

83 100

85 61.9 47.5 88.1

131 9.6 8.7 13.1





#59

Bromoform

Concen: 23.713 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025415

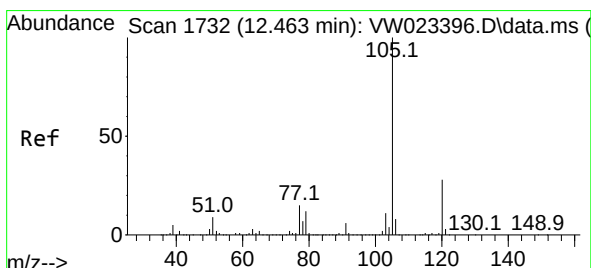
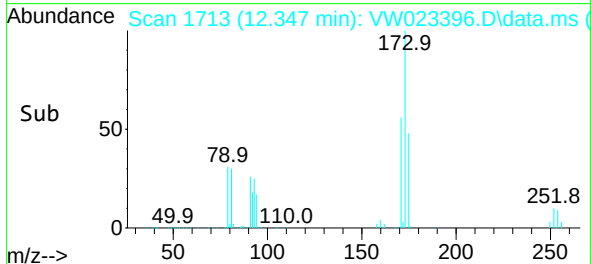
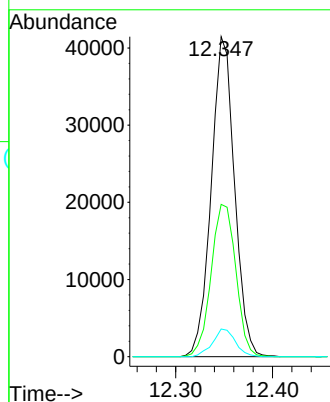
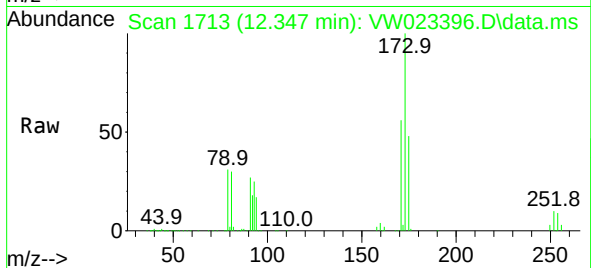
Tgt Ion:173 Resp: 69433

Ion Ratio Lower Upper

173 100

175 50.5 38.1 57.1

254 8.5 6.5 9.7



#60

Isopropylbenzene

Concen: 26.742 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

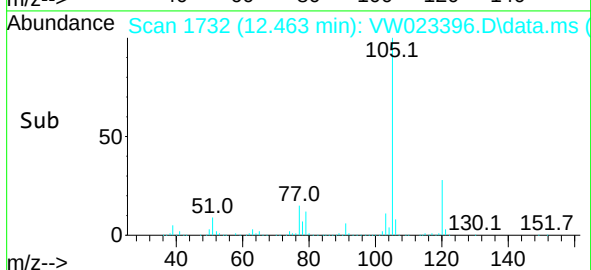
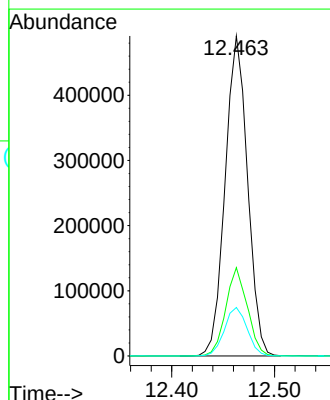
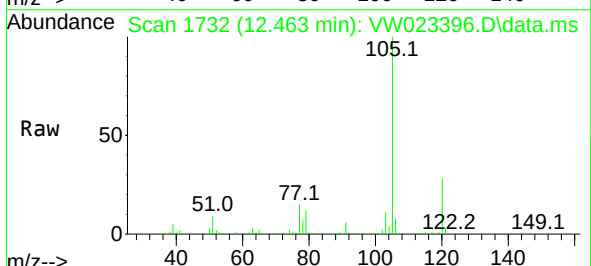
Tgt Ion:105 Resp: 742278

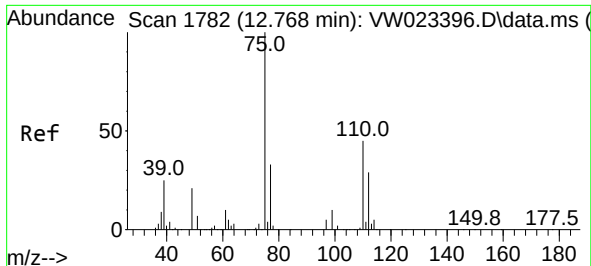
Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 15.4 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 25.014 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025415

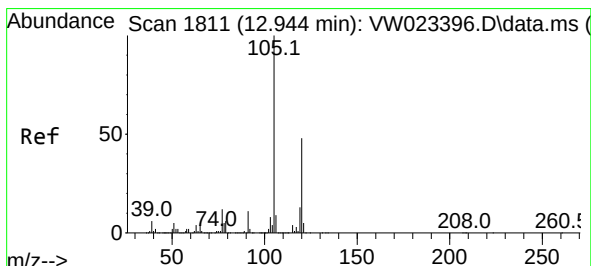
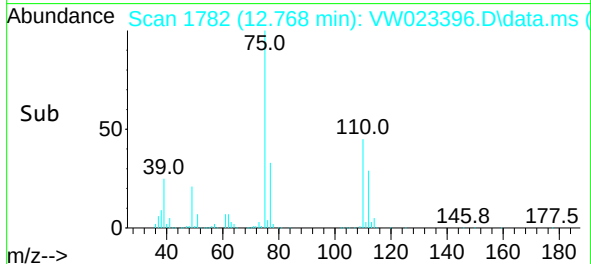
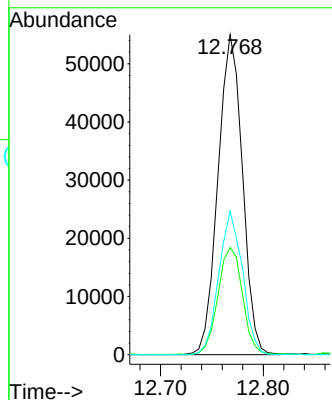
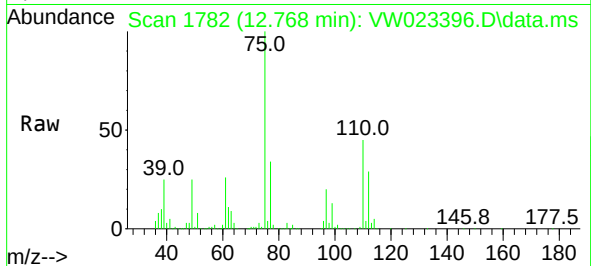
Tgt Ion: 75 Resp: 90979

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

110 43.4 34.1 51.1



#62

1,3,5-Trimethylbenzene

Concen: 27.703 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW023396.D

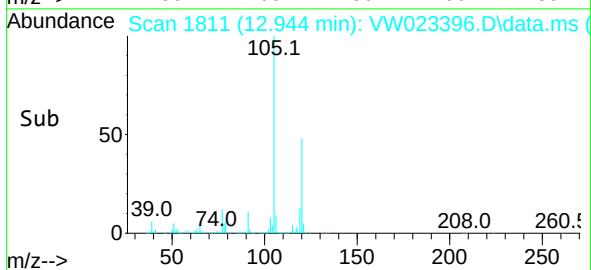
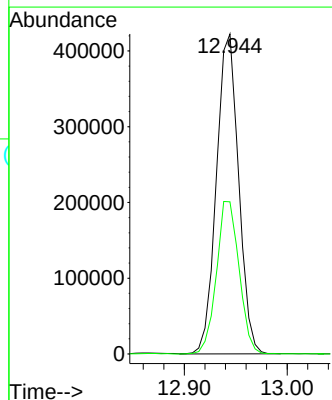
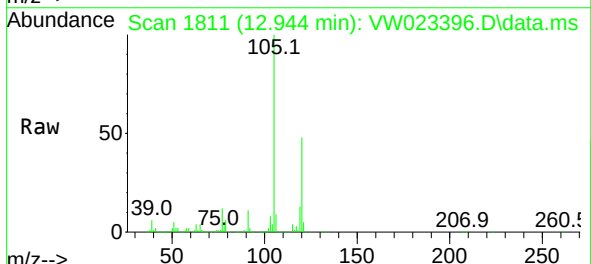
Acq: 06 Jun 2022 09:48

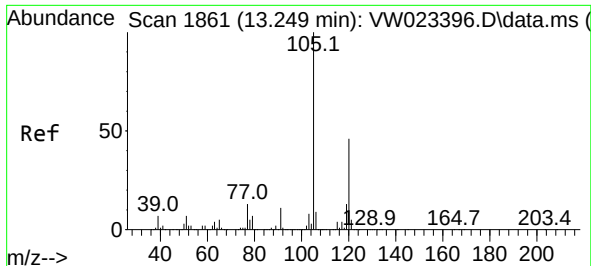
Tgt Ion: 105 Resp: 632851

Ion Ratio Lower Upper

105 100

120 48.8 38.9 58.3

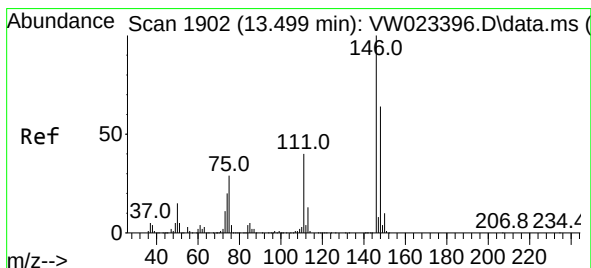
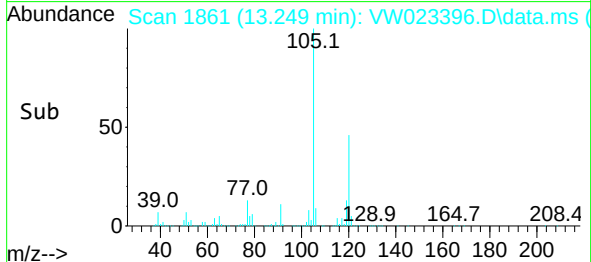
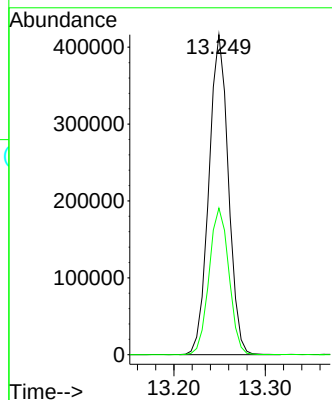
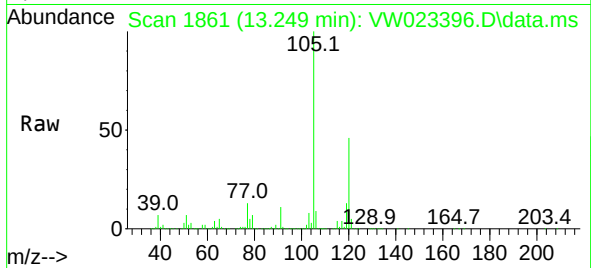




#63
1,2,4-Trimethylbenzene
Concen: 32.877 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

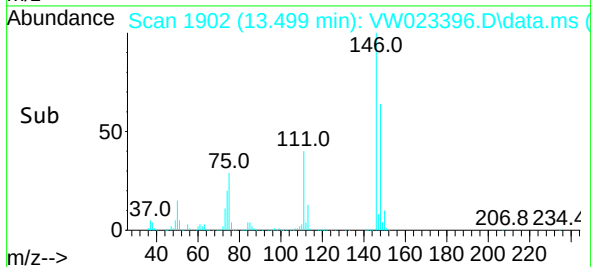
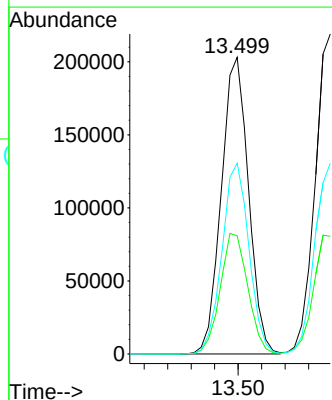
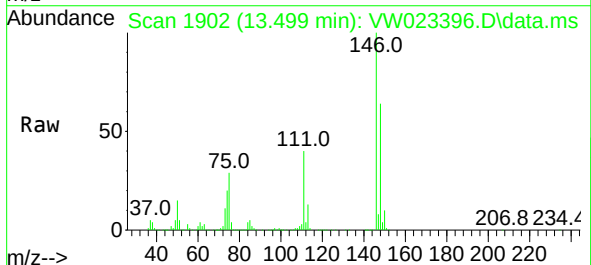
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

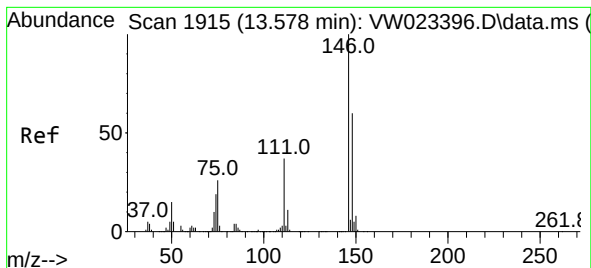
Tgt Ion:105 Resp: 615326
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2



#64
1,3-Dichlorobenzene
Concen: 25.935 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion:146 Resp: 326723
Ion Ratio Lower Upper
146 100
111 39.9 29.5 54.9
148 64.3 48.6 90.2





#65

1,4-Dichlorobenzene

Concen: 25.969 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

Instrument :

MSVOA_W

ClientSampleId :

VSTD025415

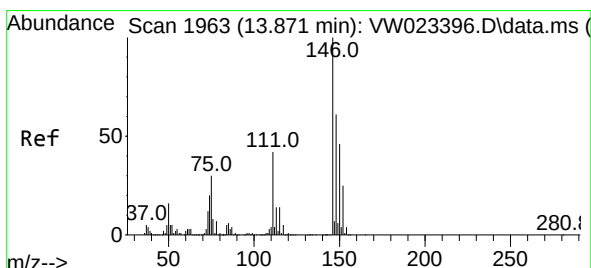
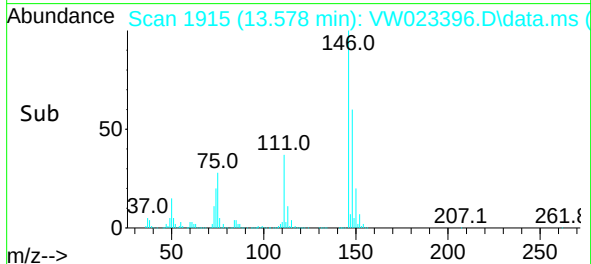
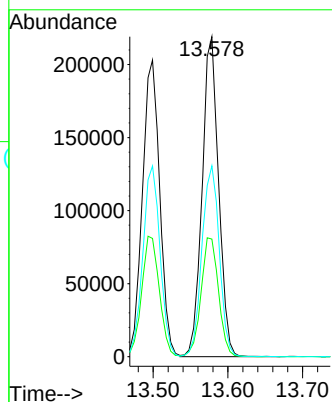
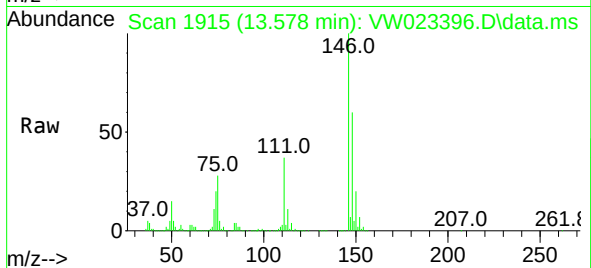
Tgt Ion:146 Resp: 335629

Ion Ratio Lower Upper

146 100

111 36.8 27.2 50.4

148 59.7 44.0 81.6



#67

1,2-Dichlorobenzene

Concen: 26.446 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW023396.D

Acq: 06 Jun 2022 09:48

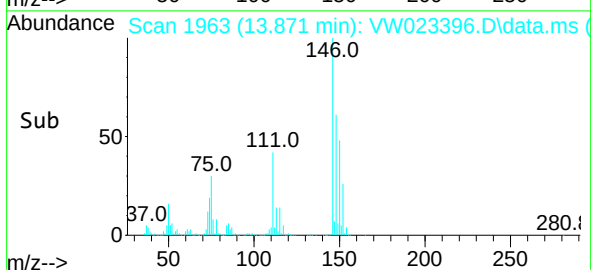
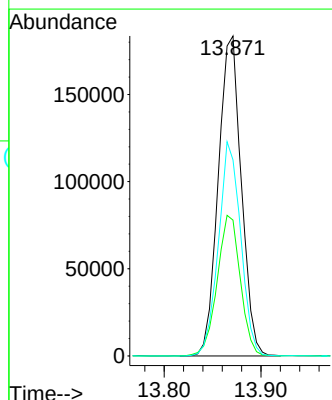
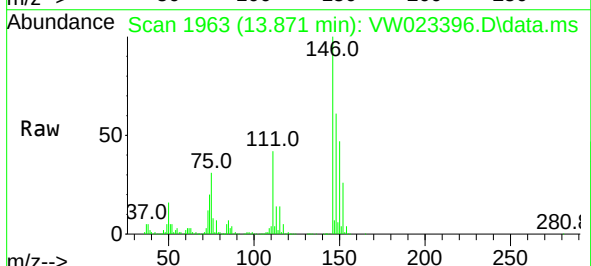
Tgt Ion:146 Resp: 303001

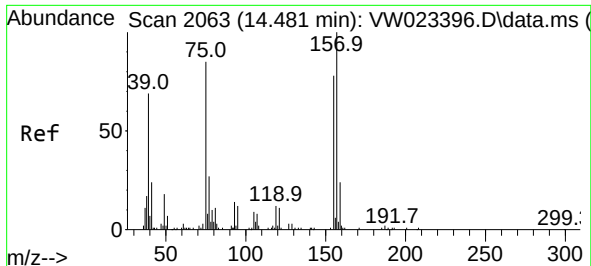
Ion Ratio Lower Upper

146 100

111 42.4 35.7 53.5

148 61.3 52.6 79.0

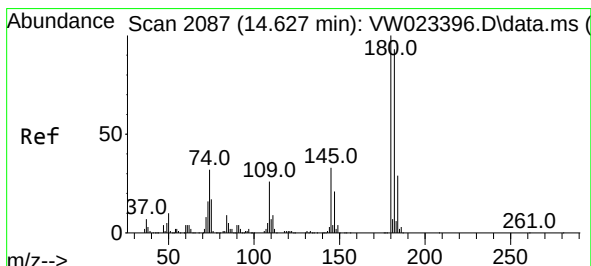
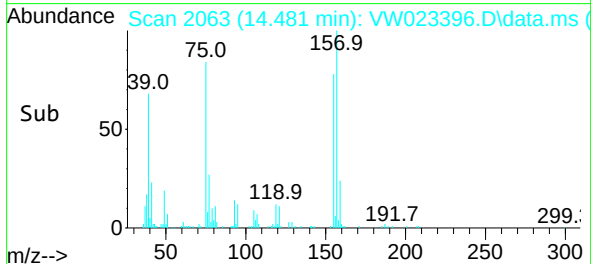
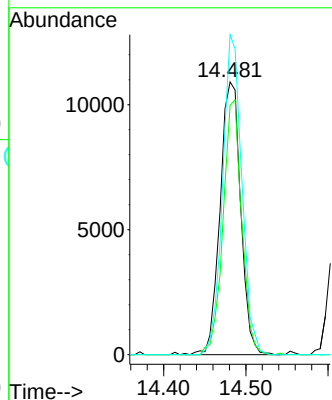
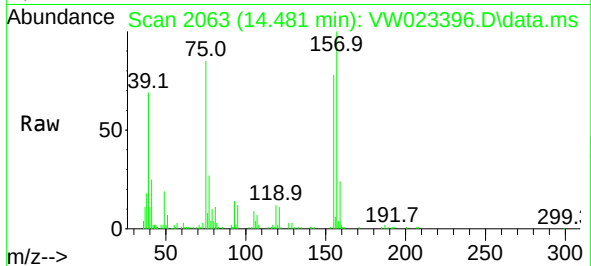




#68
1,2-Dibromo-3-chloropropane
Concen: 23.593 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

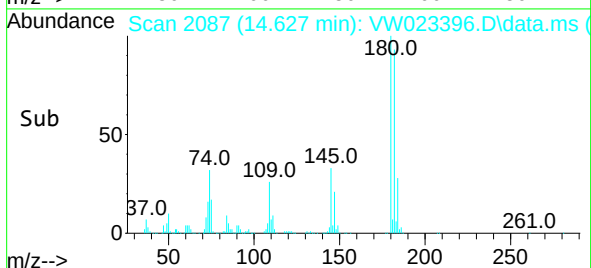
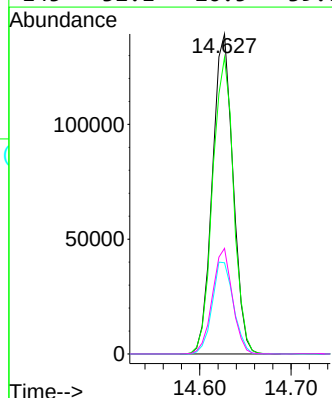
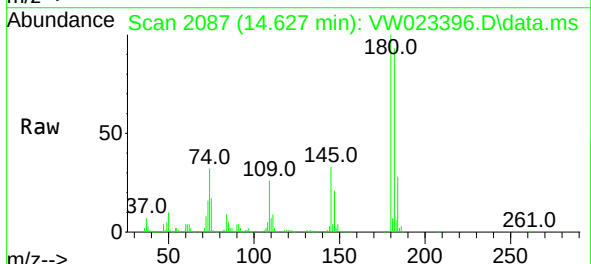
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

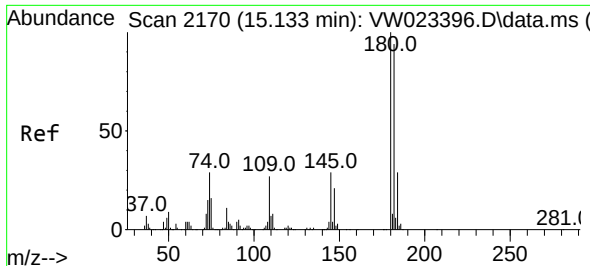
Tgt Ion: 75 Resp: 19037
Ion Ratio Lower Upper
75 100
155 91.4 59.3 88.9#
157 117.3 89.8 134.8



#69
1,3,5-Trichlorobenzene
Concen: 26.234 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion:180 Resp: 218159
Ion Ratio Lower Upper
180 100
182 94.2 74.8 112.2
184 29.7 23.4 35.2
145 32.1 26.5 39.7

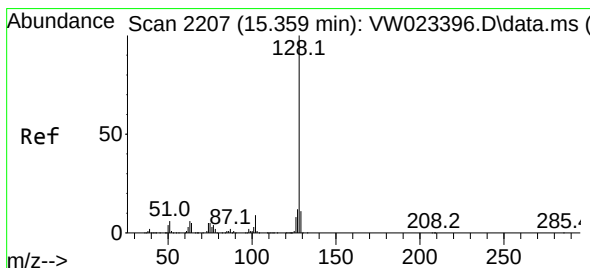
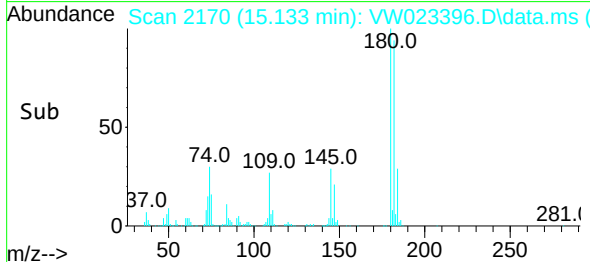
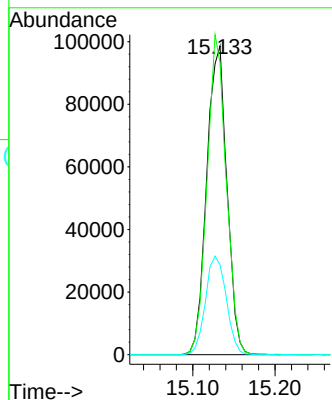
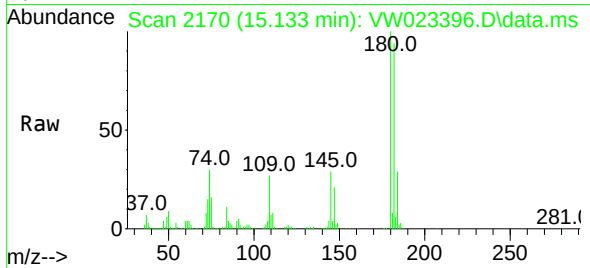




#70
1,2,4-trichlorobenzene
Concen: 25.697 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

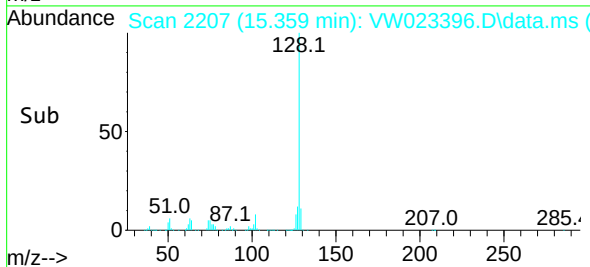
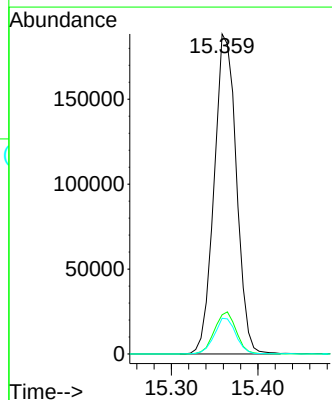
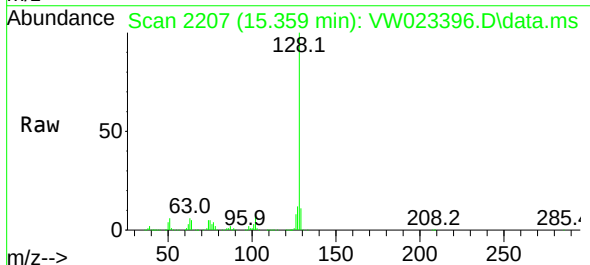
Instrument :
MSVOA_W
ClientSampleId :
VSTD025415

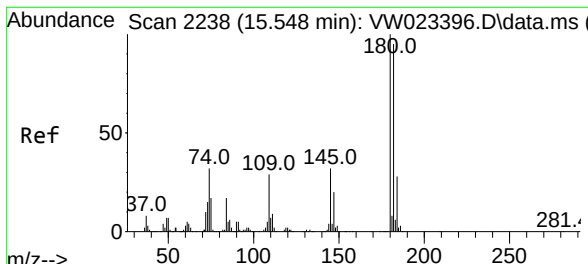
Tgt Ion:180 Resp: 168699
Ion Ratio Lower Upper
180 100
182 98.3 74.9 112.3
145 32.8 26.6 39.8



#71
Naphthalene
Concen: 27.088 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW023396.D
Acq: 06 Jun 2022 09:48

Tgt Ion:128 Resp: 336333
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 25.784 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW023396.D
 Acq: 06 Jun 2022 09:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025415

Tgt Ion:	180	Resp:	147790
Ion	Ratio	Lower	Upper
180	100		
182	95.9	73.5	110.3
145	35.2	27.9	41.9

