

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071122\
 Data File : VW023592.D
 Acq On : 11 Jul 2022 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: Jul 12 01:35:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 23:21:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	334266	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	324848	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	178685	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	127672	21.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.400%
7) Chloroethane-d5	2.879	69	78443	22.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
11) 1,1-Dichloroethene-d2	4.025	63	161534	23.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.720%
21) 2-Butanone-d5	7.086	46	54849	43.651	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.300%
24) Chloroform-d	7.646	84	227570	23.902	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	8.305	65	121223	22.526	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.274	84	423442	23.559	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	9.274	67	123515	23.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	10.323	98	405880	23.297	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	10.579	79	53722	22.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.480%
47) 2-Hexanone-d5	10.920	63	44523	43.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118743	22.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	147819	22.929	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30103	15.056	ug/L	97
3) Chloromethane	2.215	50	96401	20.820	ug/L	100
5) Vinyl chloride	2.361	62	186384	24.762	ug/L	99
6) Bromomethane	2.775	94	91687	21.099	ug/L	97
8) Chloroethane	2.916	64	69441	24.419	ug/L	100
9) Trichlorofluoromethane	3.251	101	60917	20.286	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	122617	25.721	ug/L	97
12) 1,1-Dichloroethene	4.043	96	104230	26.222	ug/L	82
13) Acetone	4.123	43	41799	45.136	ug/L	97
14) Carbon disulfide	4.385	76	301600	25.485	ug/L	99
15) Methyl Acetate	4.677	43	48217	22.183	ug/L	99
16) Methylene chloride	4.915	84	117340	20.699	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	118902	24.852	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	177522	25.131	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	213833	25.479	ug/L	99
22) 2-Butanone	7.177	43	65278	39.285	ug/L	98
23) Bromochloromethane	7.512	128	63891	24.503	ug/L	94
25) Chloroform	7.677	83	237778	24.943	ug/L	98
27) 1,2-Dichloroethane	8.402	62	153910	23.857	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071122\
 Data File : VW023592.D
 Acq On : 11 Jul 2022 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

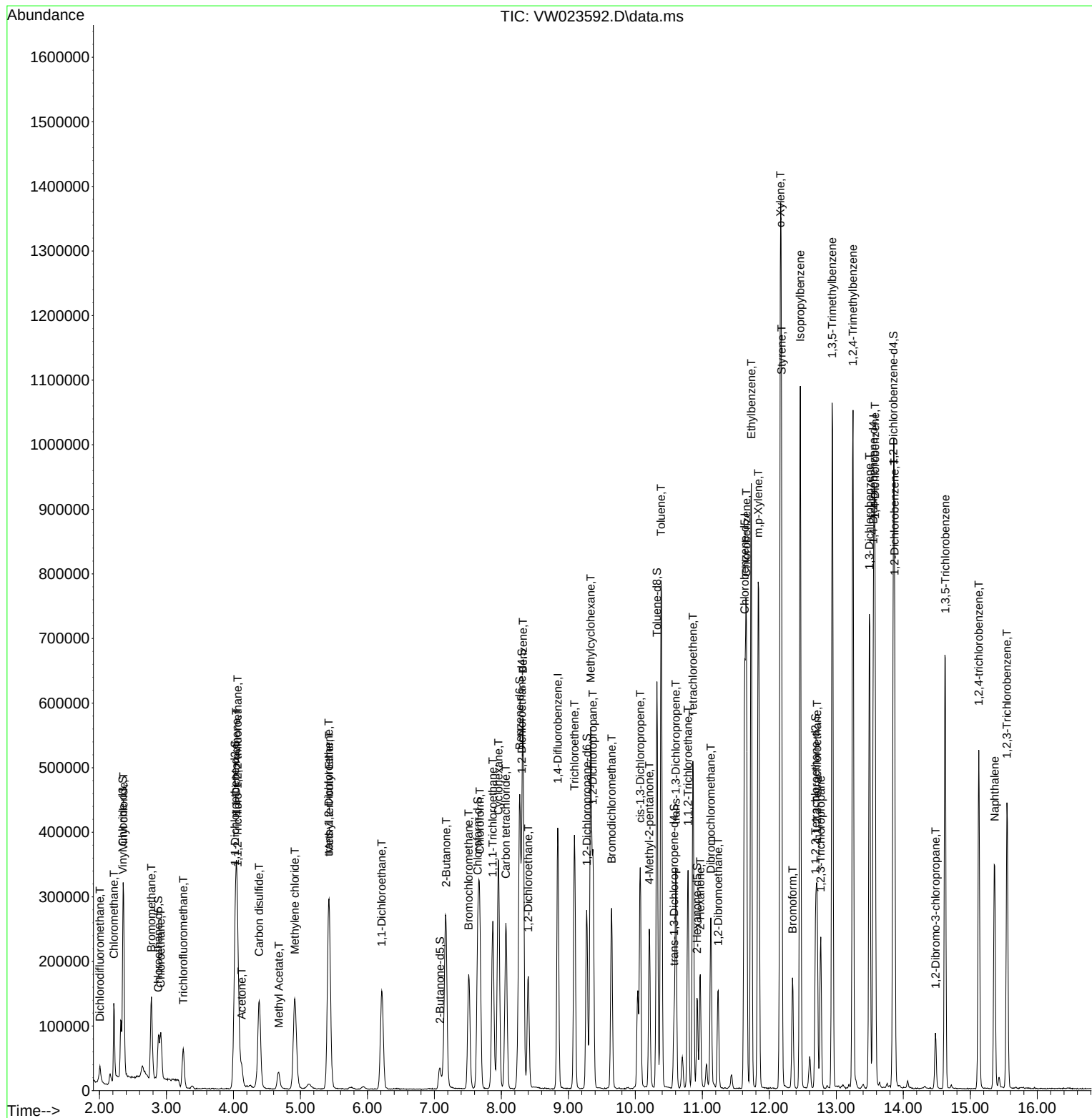
Quant Time: Jul 12 01:35:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 23:21:00 2022
 Response via : Initial Calibration

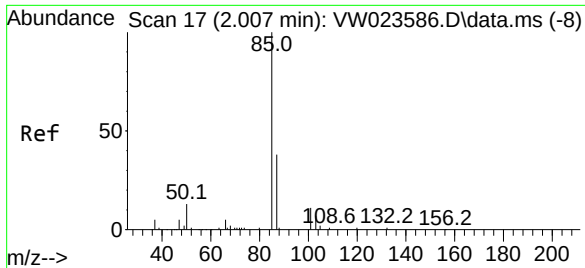
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.957	56	174149	25.770	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	200867	26.008	ug/L	98
31) Carbon tetrachloride	8.067	117	187087	26.147	ug/L	100
33) Benzene	8.323	78	507225	24.866	ug/L	100
34) Trichloroethene	9.091	95	134151	25.233	ug/L	95
35) Methylcyclohexane	9.335	83	219169	25.625	ug/L	99
37) 1,2-Dichloropropane	9.366	63	124023	25.149	ug/L	100
38) Bromodichloromethane	9.646	83	178783	25.677	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	193559	25.731	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	152698	46.511	ug/L	99
42) Toluene	10.384	91	578746	26.004	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	177749	25.628	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	103439	24.368	ug/L	93
46) Tetrachloroethene	10.859	164	104546	25.017	ug/L	95
48) 2-Hexanone	10.969	43	107283	46.123	ug/L	98
49) Dibromochloromethane	11.128	129	129891	25.704	ug/L	98
50) 1,2-Dibromoethane	11.237	107	98604	23.530	ug/L	97
51) Chlorobenzene	11.658	112	378513	24.979	ug/L	98
52) Ethylbenzene	11.731	91	642686	25.576	ug/L	100
53) m,p-Xylene	11.835	106	257739	26.439	ug/L	96
54) o-Xylene	12.164	106	245207	26.266	ug/L	96
55) Styrene	12.182	104	430549	26.521	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	127797	23.398	ug/L	94
59) Bromoform	12.347	173	72771	24.346	ug/L	98
60) Isopropylbenzene	12.463	105	660430	25.575	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	90403	22.256	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	552710	25.810	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	558774	26.084	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	302492	24.763	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	309848	25.010	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	273710	24.299	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	20250	21.155	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	193227	24.379	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	151109	23.595	ug/L	100
71) Naphthalene	15.365	128	300742	21.755	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	136057	22.919	ug/L	99

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

Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

Quant Time: Jul 12 01:35:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 08 23:21:00 2022
Response via : Initial Calibration

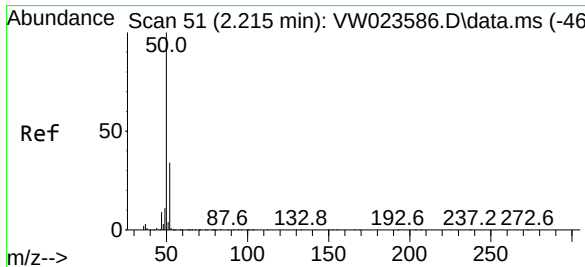
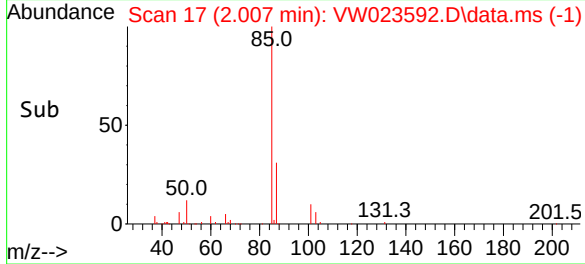
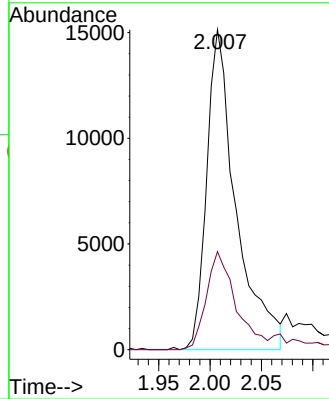
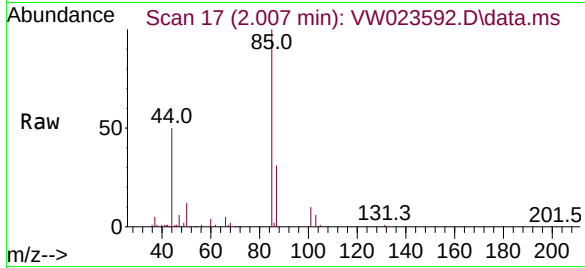




#2
 Dichlorodifluoromethane
 Concen: 15.056 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

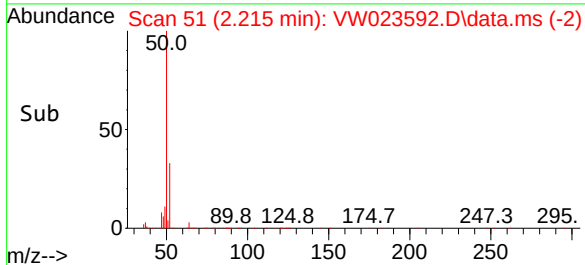
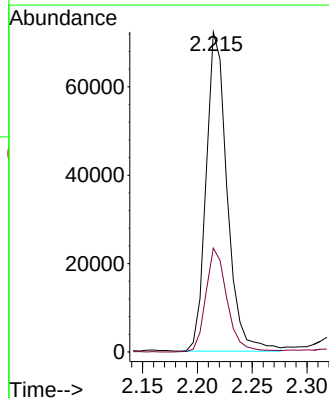
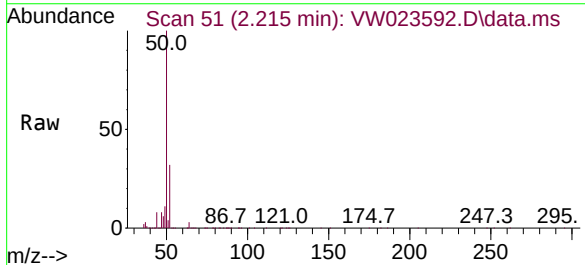
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

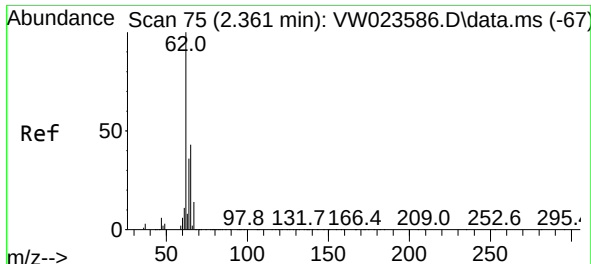
Tgt Ion: 85 Resp: 30103
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.0 39.0



#3
 Chloromethane
 Concen: 20.820 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

Tgt Ion: 50 Resp: 96401
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.5 41.9

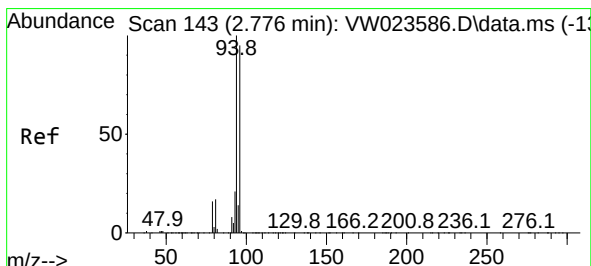
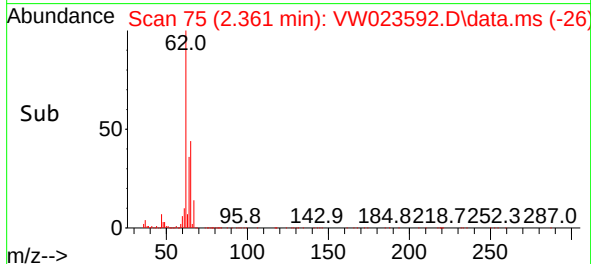
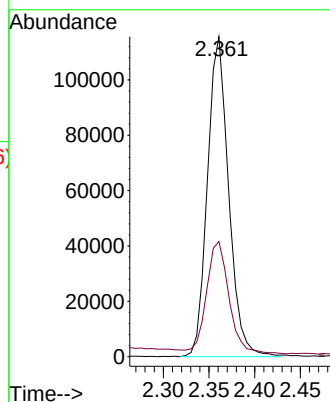
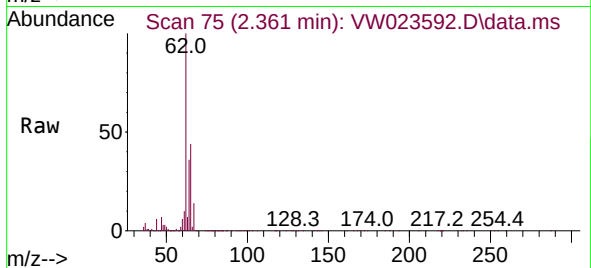




#5
 Vinyl chloride
 Concen: 24.762 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

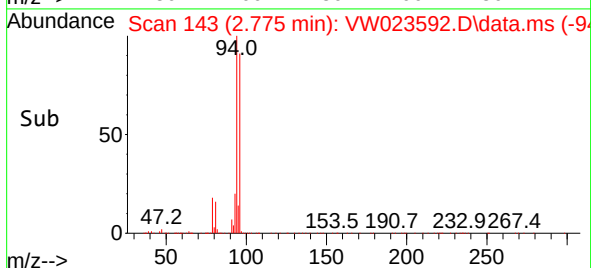
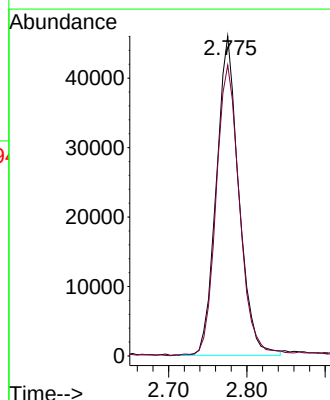
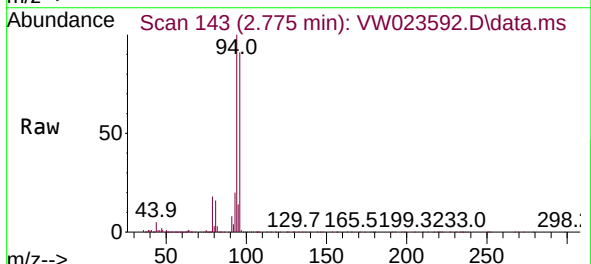
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

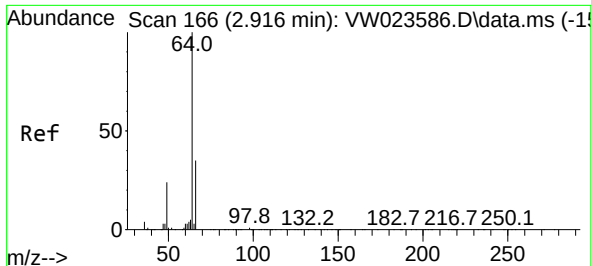
Tgt Ion: 62 Resp: 186384
 Ion Ratio Lower Upper
 62 100
 64 36.0 25.8 47.8



#6
 Bromomethane
 Concen: 21.099 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

Tgt Ion: 94 Resp: 91687
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.6 121.8

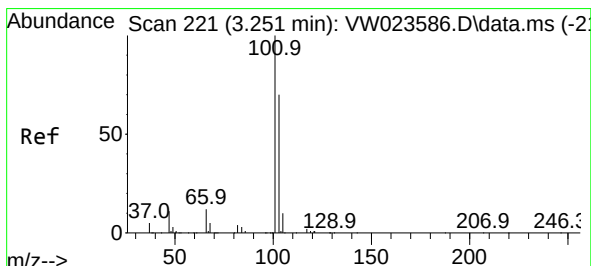
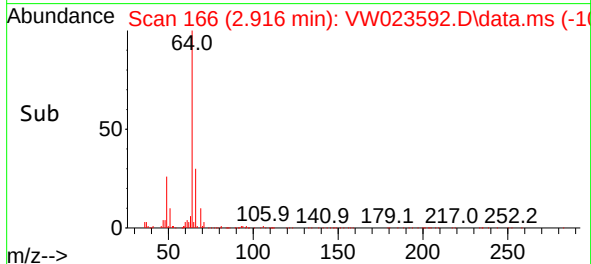
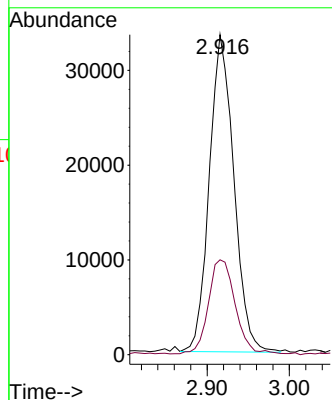
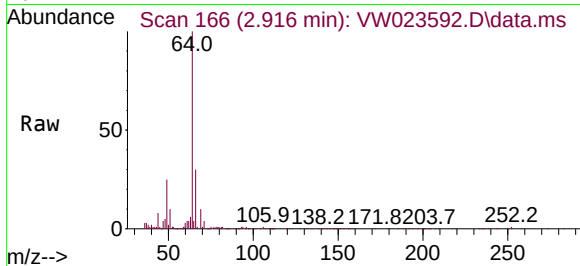




#8
Chloroethane
Concen: 24.419 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

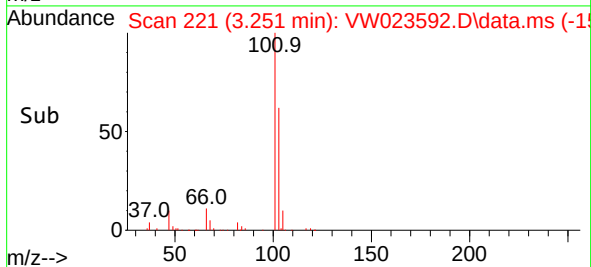
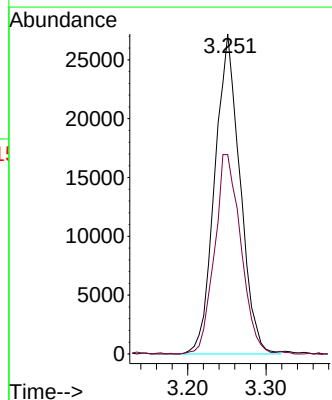
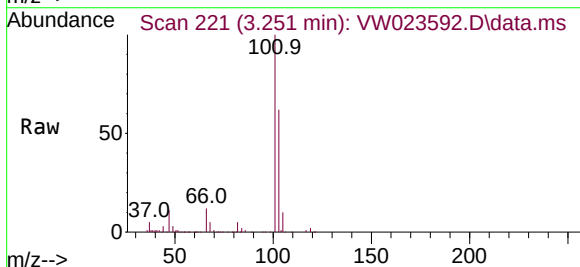
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

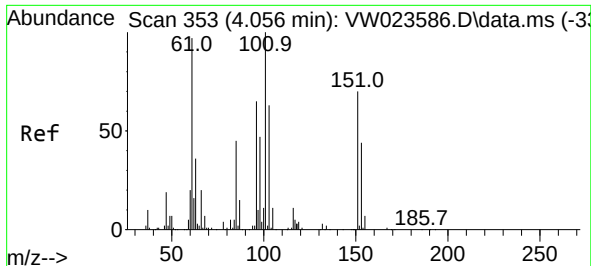
Tgt Ion: 64 Resp: 69441
Ion Ratio Lower Upper
64 100
66 29.7 20.6 38.2



#9
Trichlorofluoromethane
Concen: 20.286 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 101 Resp: 60917
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8

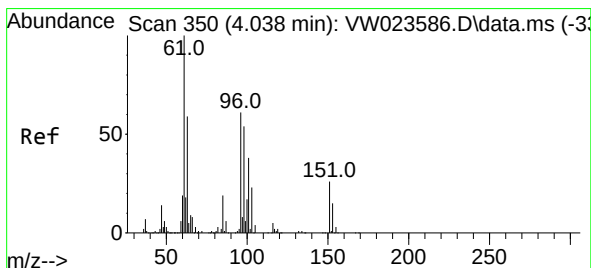
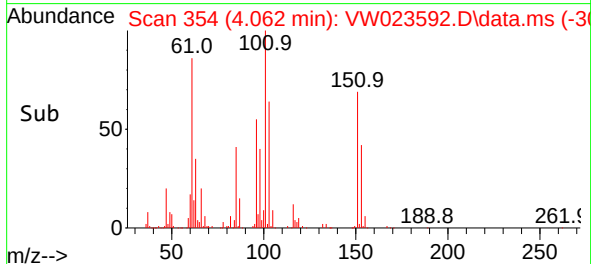
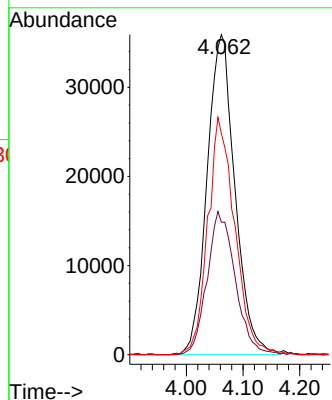
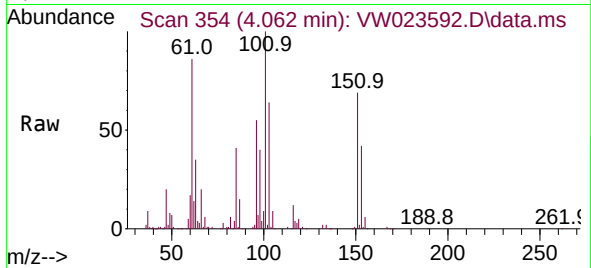




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.721 ug/L
RT: 4.062 min Scan# 310
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

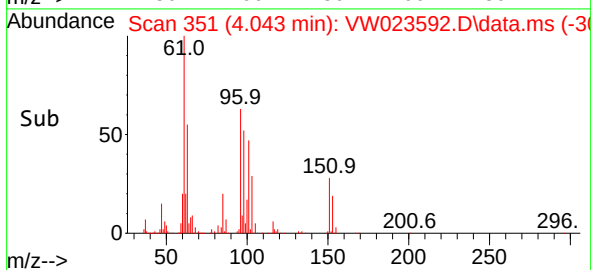
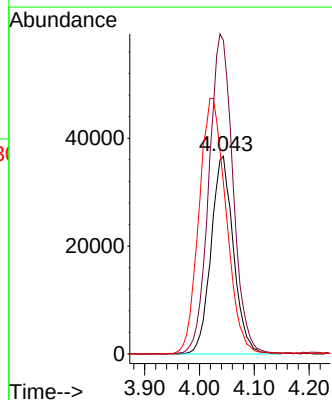
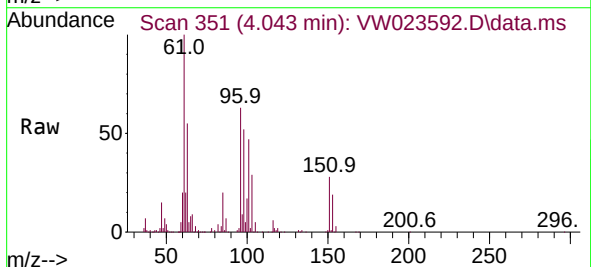
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

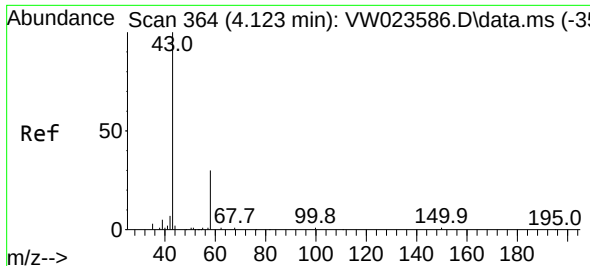
Tgt Ion:101 Resp: 122617
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.4
151 71.7 54.6 81.8



#12
1,1-Dichloroethene
Concen: 26.222 ug/L
RT: 4.043 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 96 Resp: 104230
Ion Ratio Lower Upper
96 100
61 158.6 122.0 226.6
63 86.6 83.0 154.2

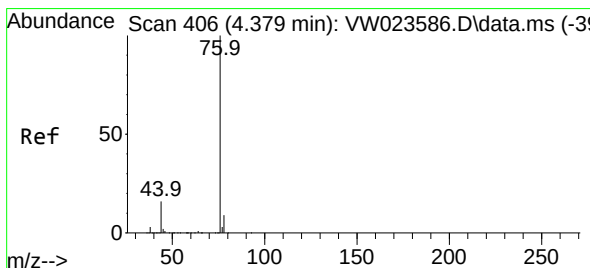
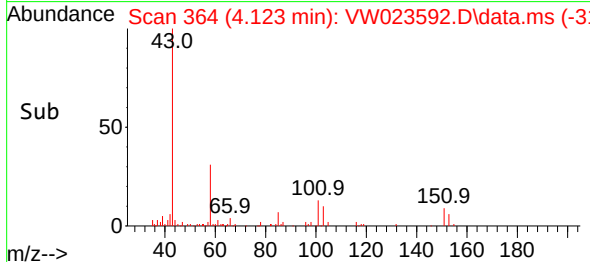
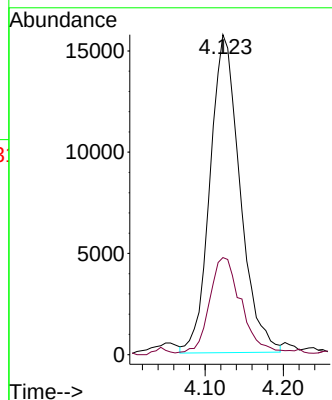
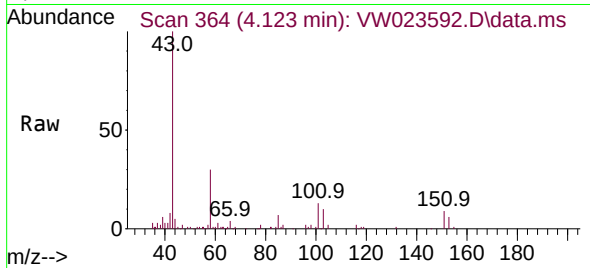




#13
Acetone
Concen: 45.136 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

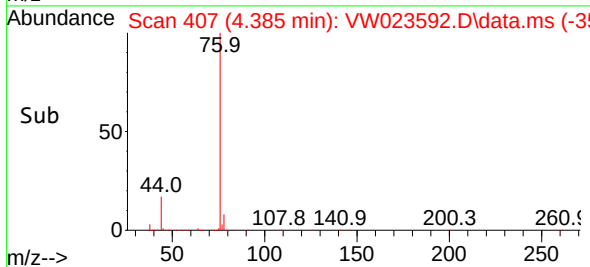
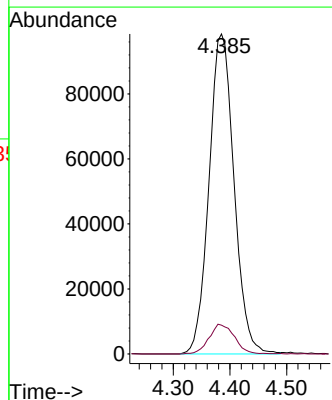
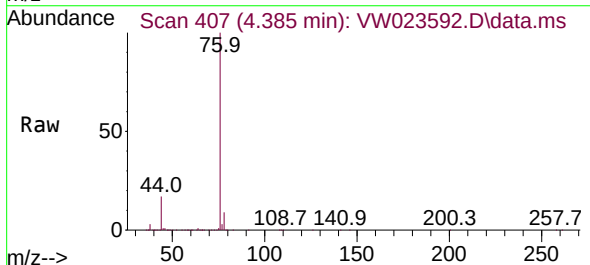
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

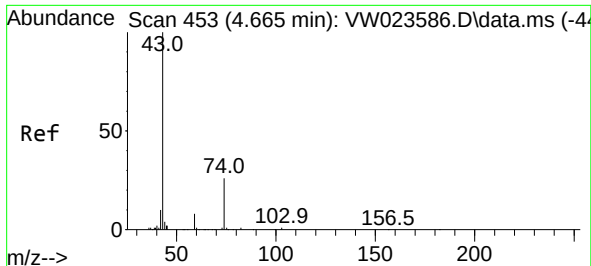
Tgt Ion: 43 Resp: 41799
Ion Ratio Lower Upper
43 100
58 32.0 0.0 61.2



#14
Carbon disulfide
Concen: 25.485 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 76 Resp: 301600
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

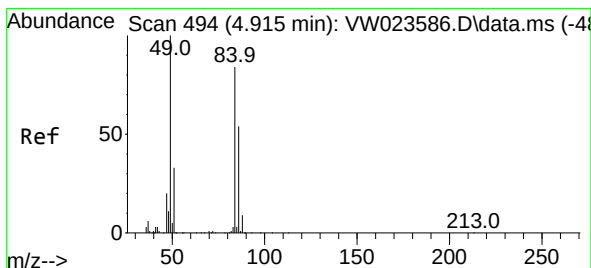
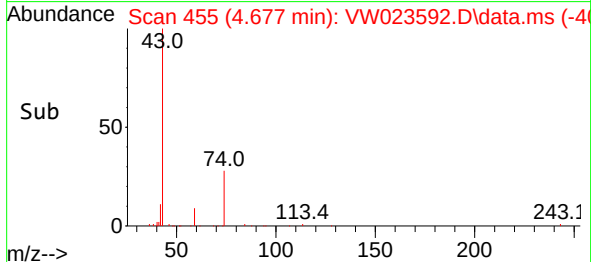
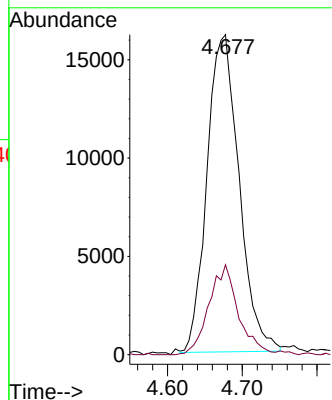
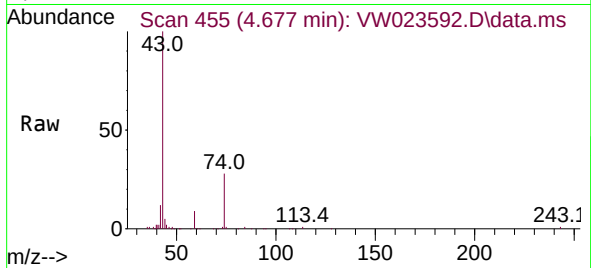




#15
Methyl Acetate
Concen: 22.183 ug/L
RT: 4.677 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

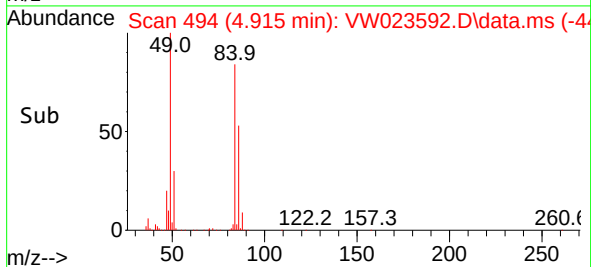
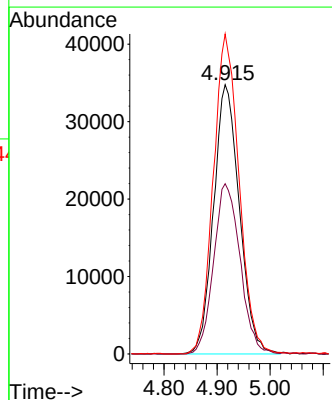
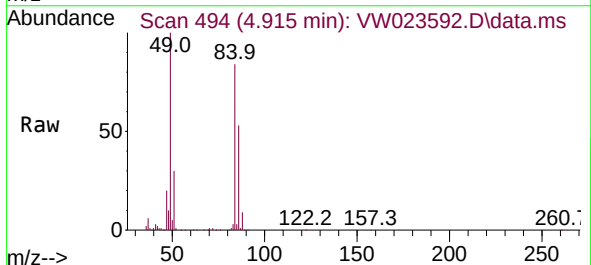
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

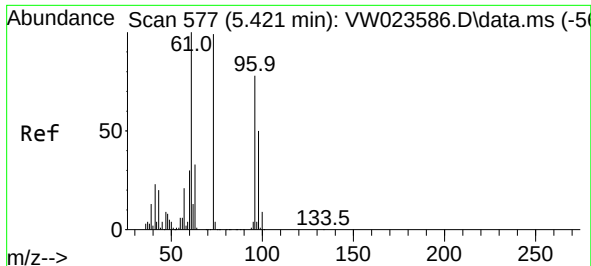
Tgt Ion: 43 Resp: 48217
Ion Ratio Lower Upper
43 100
74 25.9 20.4 30.6



#16
Methylene chloride
Concen: 20.699 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 84 Resp: 117340
Ion Ratio Lower Upper
84 100
86 63.2 44.9 83.3
49 118.8 87.6 162.6

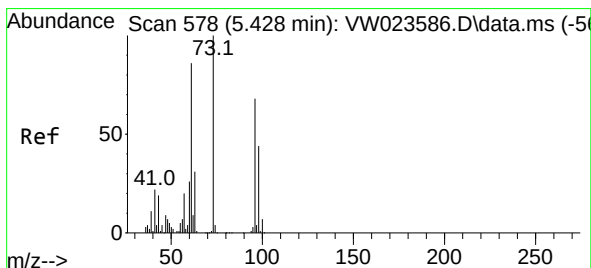
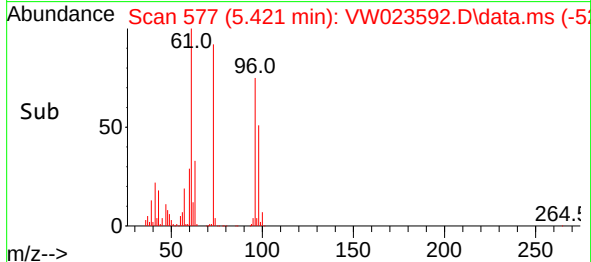
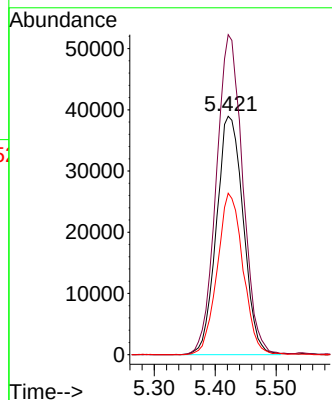
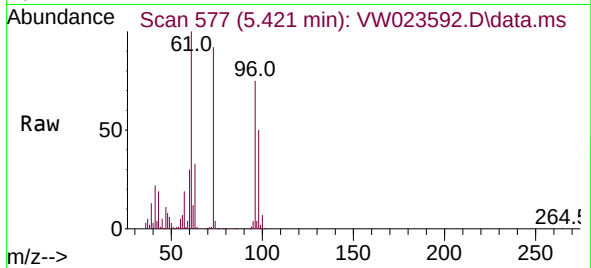




#17
trans-1,2-Dichloroethene
Concen: 24.852 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

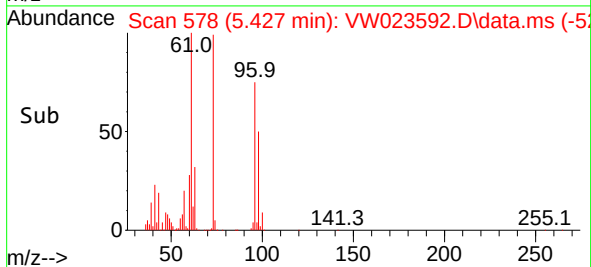
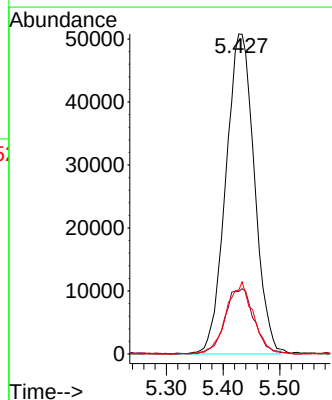
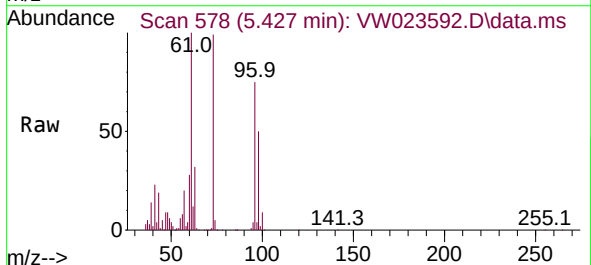
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

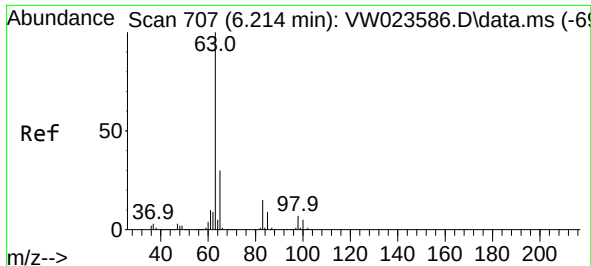
Tgt Ion: 96 Resp: 118902
Ion Ratio Lower Upper
96 100
61 134.2 92.3 171.5
98 67.7 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 25.131 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 73 Resp: 177522
Ion Ratio Lower Upper
73 100
43 10.9 16.2 24.2#
57 21.4 16.9 25.3

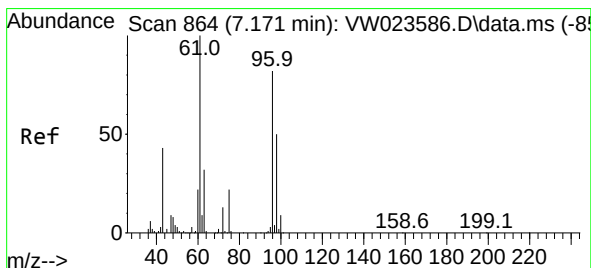
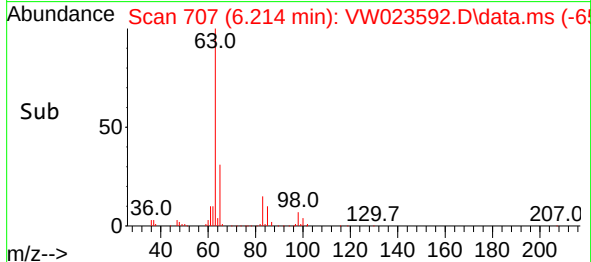
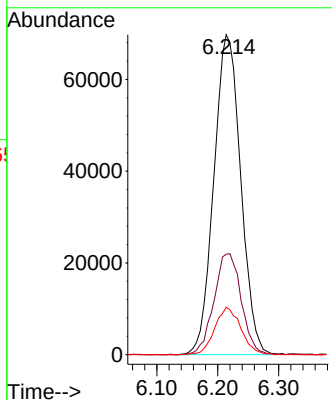
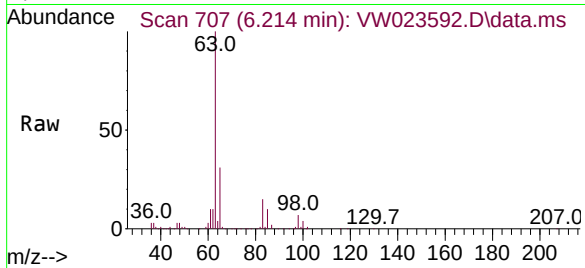




#19
 1,1-Dichloroethane
 Concen: 25.479 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

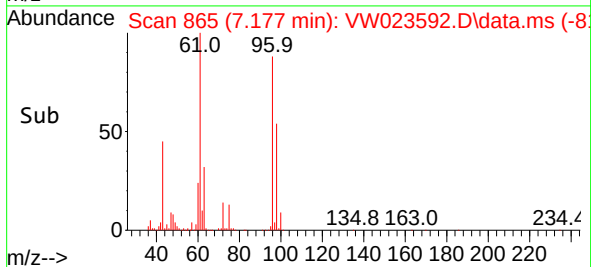
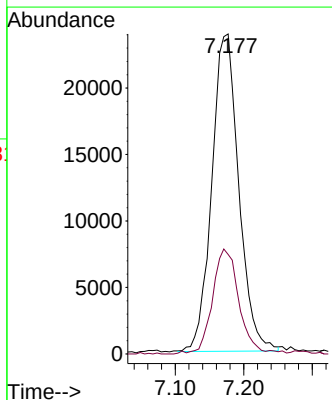
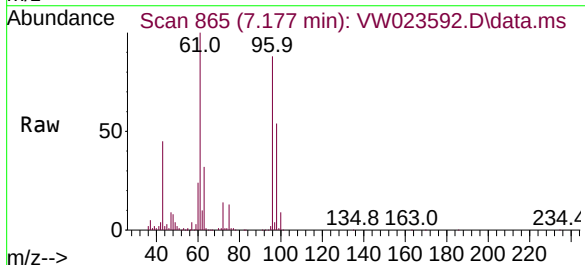
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

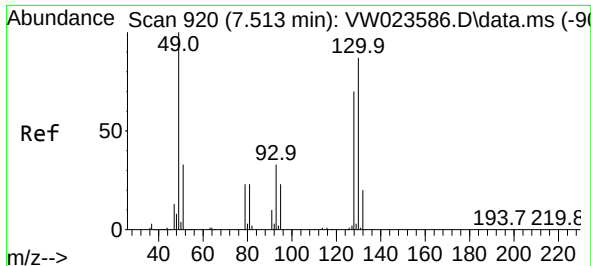
Tgt Ion: 63 Resp: 213833
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.3 41.3
 83 14.8 9.8 18.2



#22
 2-Butanone
 Concen: 39.285 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

Tgt Ion: 43 Resp: 65278
 Ion Ratio Lower Upper
 43 100
 72 31.8 15.4 46.1

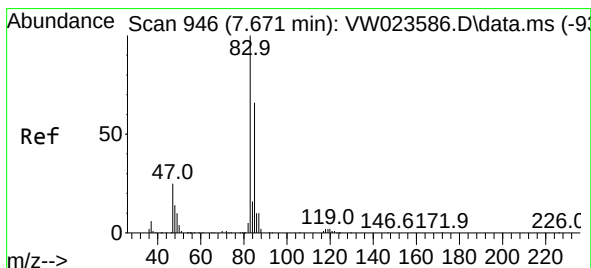
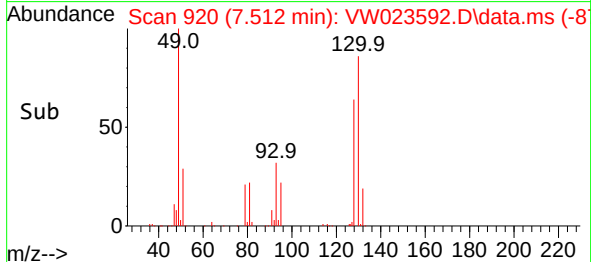
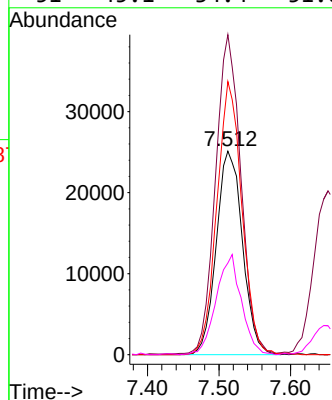
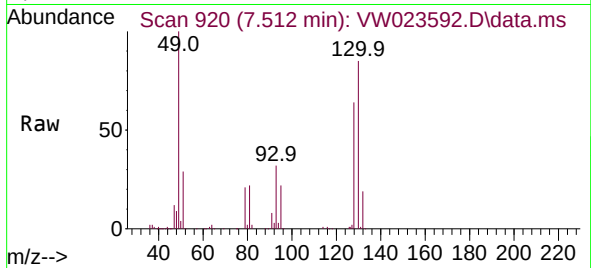




#23
Bromochloromethane
Concen: 24.503 ug/L
RT: 7.512 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

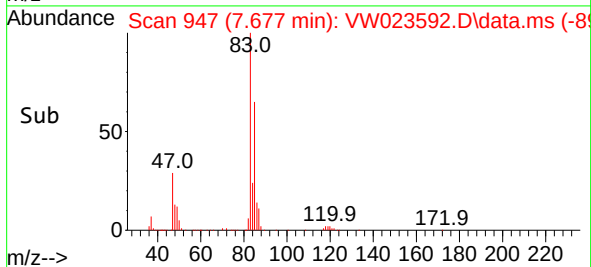
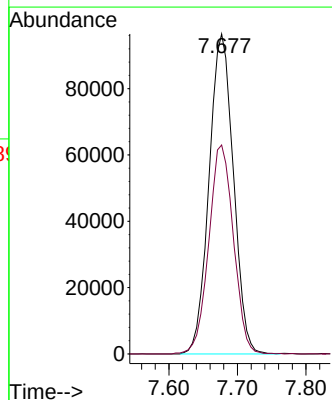
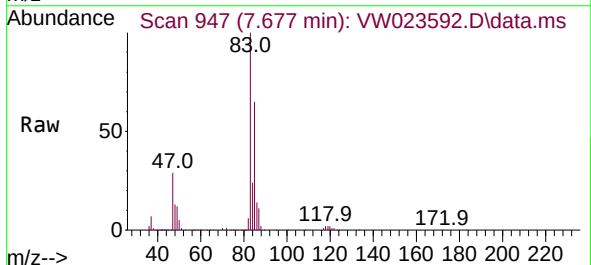
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

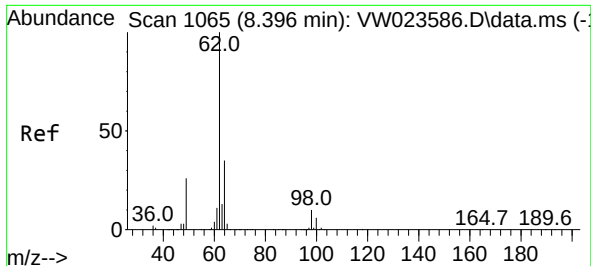
Tgt Ion:128 Resp: 63891
Ion Ratio Lower Upper
128 100
49 157.3 105.8 196.6
130 134.2 87.6 162.8
51 45.1 34.4 51.6



#25
Chloroform
Concen: 24.943 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 83 Resp: 237778
Ion Ratio Lower Upper
83 100
85 65.3 47.0 87.4





#27

1,2-Dichloroethane

Concen: 23.857 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

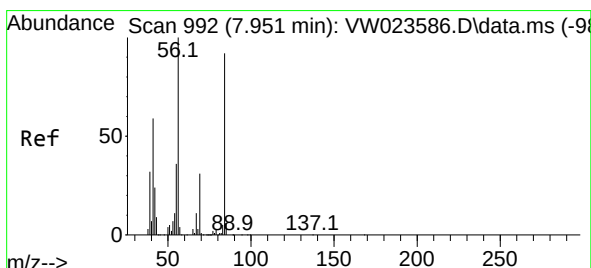
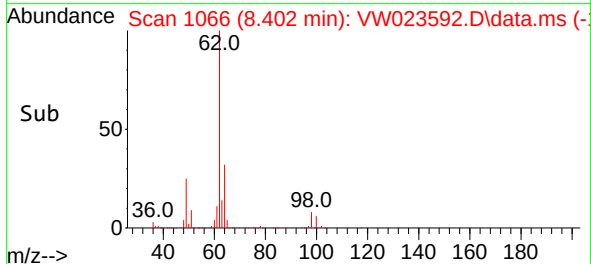
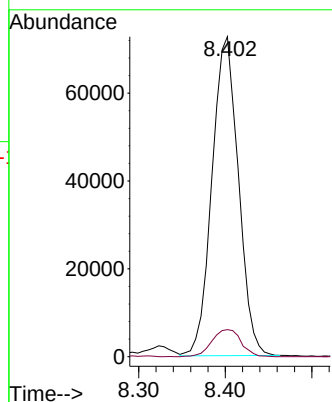
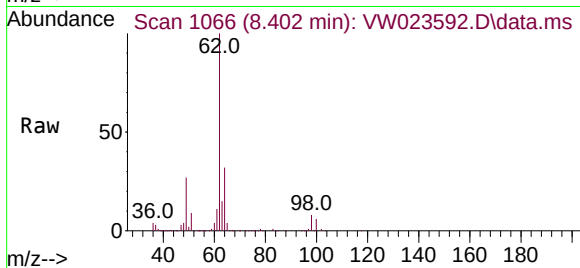
VSTD025594

Tgt Ion: 62 Resp: 153910

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0



#29

Cyclohexane

Concen: 25.770 ug/L

RT: 7.957 min Scan# 993

Delta R.T. 0.006 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

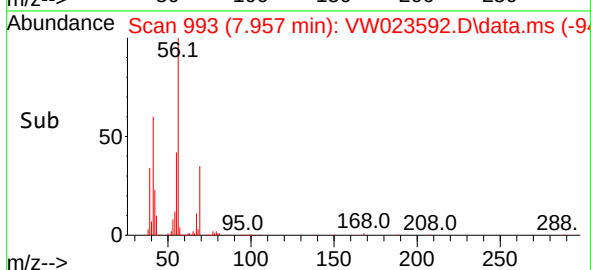
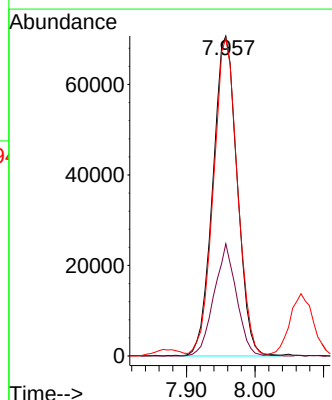
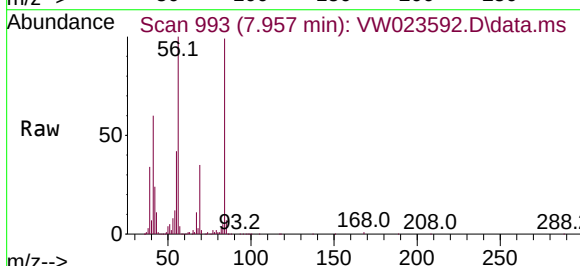
Tgt Ion: 56 Resp: 174149

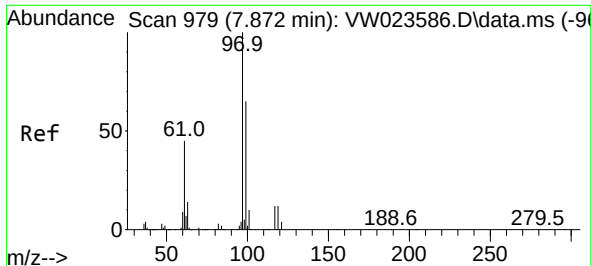
Ion Ratio Lower Upper

56 100

69 32.4 25.6 38.4

84 97.9 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 26.008 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

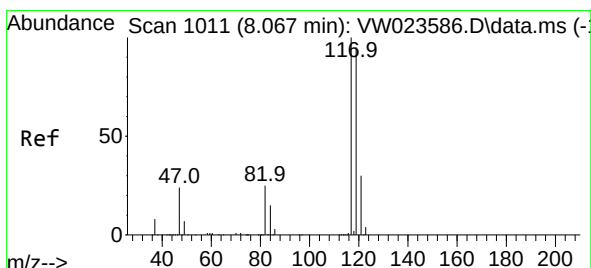
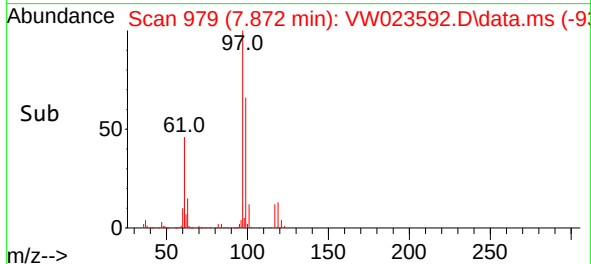
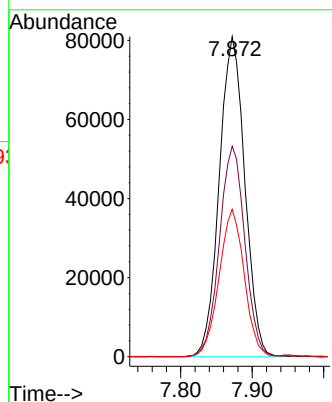
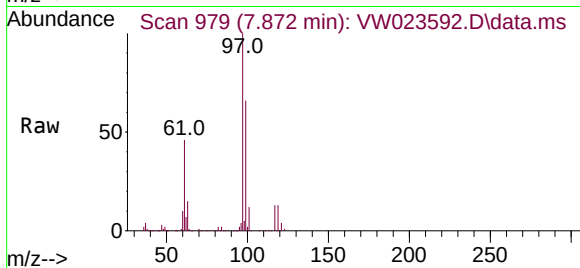
Tgt Ion: 97 Resp: 200867

Ion Ratio Lower Upper

97 100

99 65.4 50.8 76.2

61 45.4 35.8 53.8



#31

Carbon tetrachloride

Concen: 26.147 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023592.D

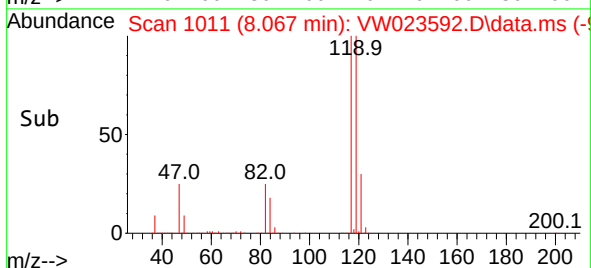
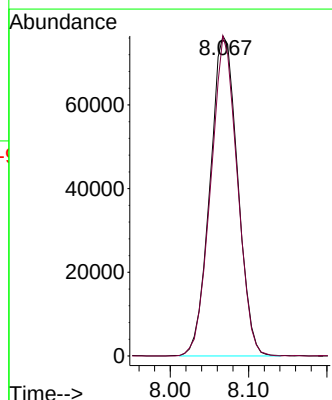
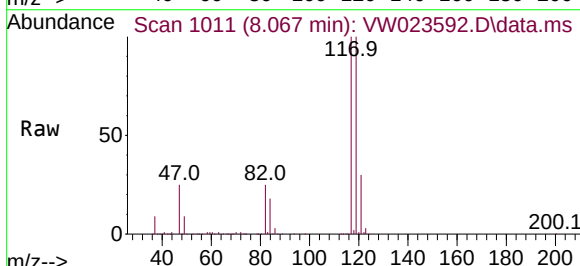
Acq: 11 Jul 2022 09:55

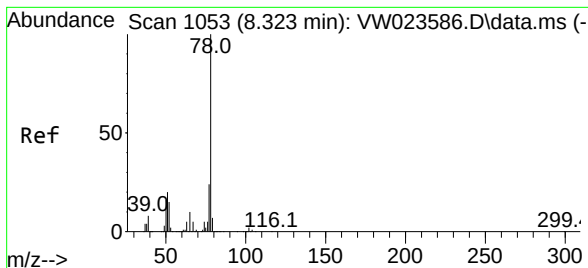
Tgt Ion: 117 Resp: 187087

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1





#33

Benzene

Concen: 24.866 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

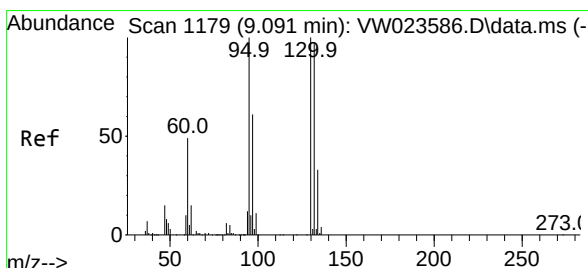
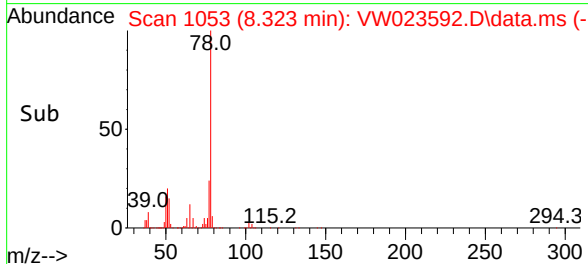
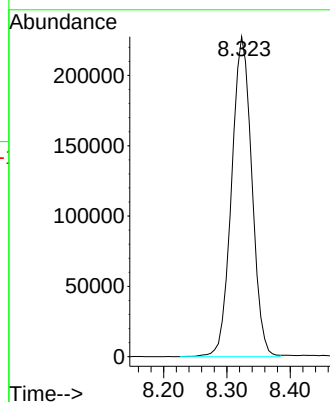
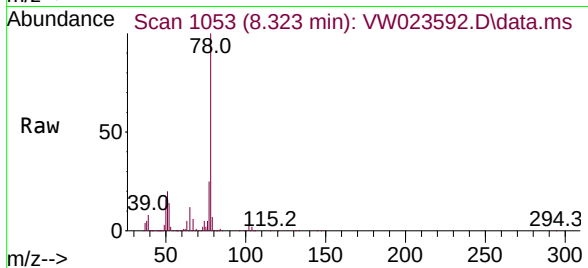
Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

Tgt Ion: 78 Resp: 507225



#34

Trichloroethene

Concen: 25.233 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

Tgt Ion: 95 Resp: 134151

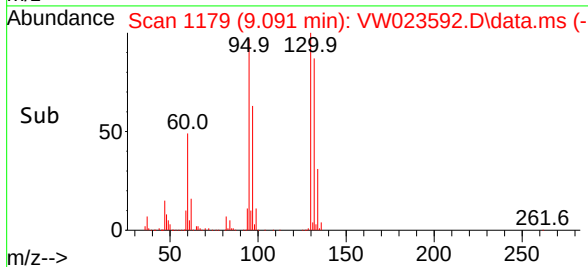
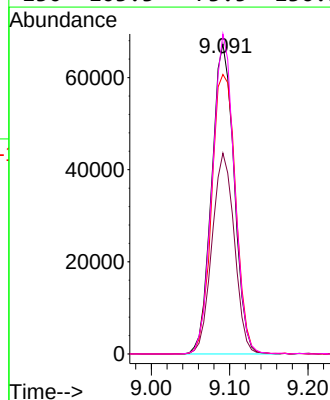
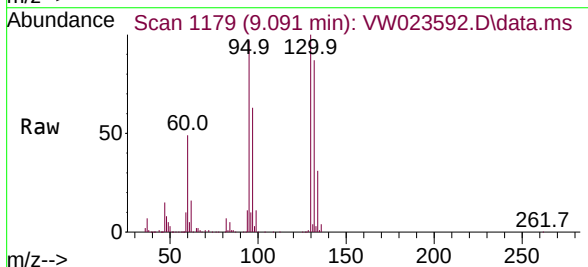
Ion Ratio Lower Upper

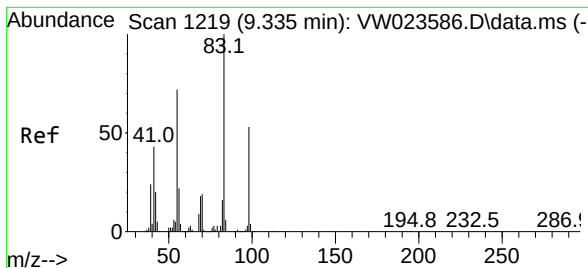
95 100

97 64.8 47.5 88.1

132 90.2 68.9 127.9

130 103.3 73.5 136.5

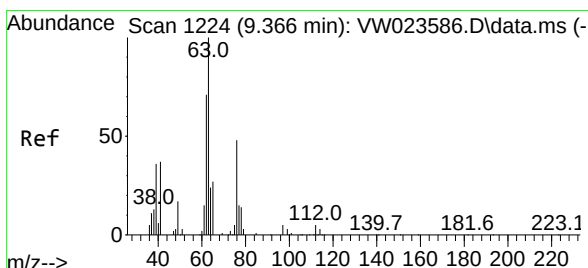
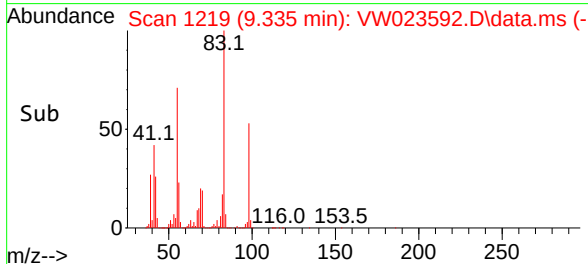
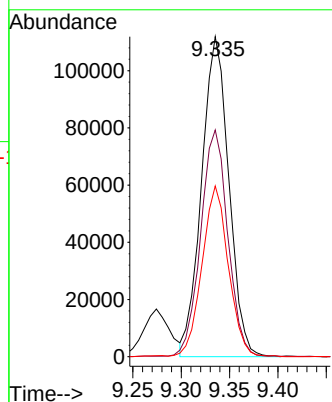
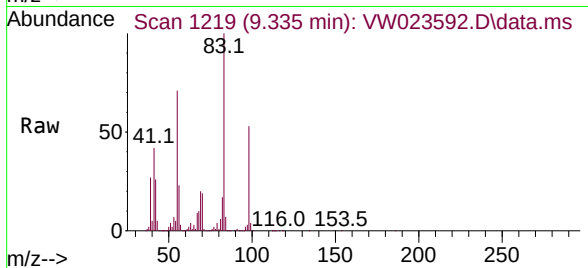




#35
Methylcyclohexane
Concen: 25.625 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

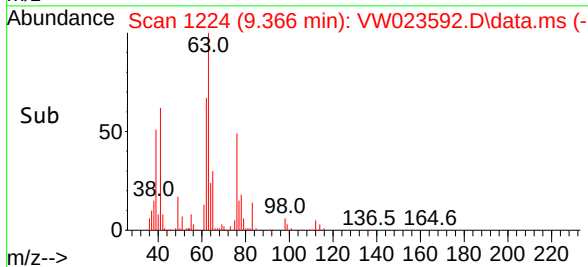
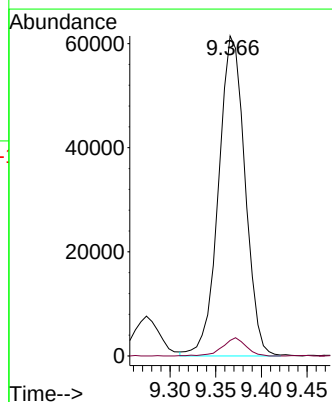
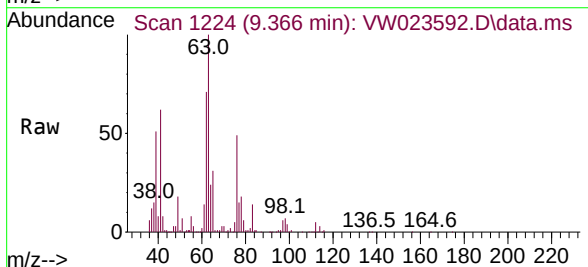
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

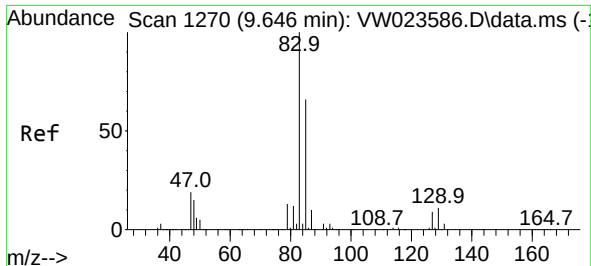
Tgt Ion: 83 Resp: 219169
Ion Ratio Lower Upper
83 100
55 70.8 57.0 85.6
98 51.6 40.2 60.4



#37
1,2-Dichloropropane
Concen: 25.149 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 63 Resp: 124023
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1

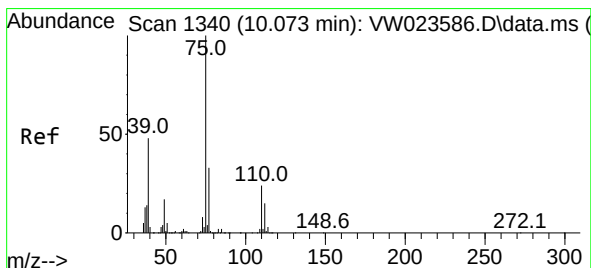
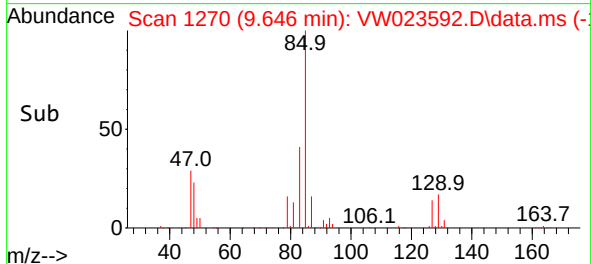
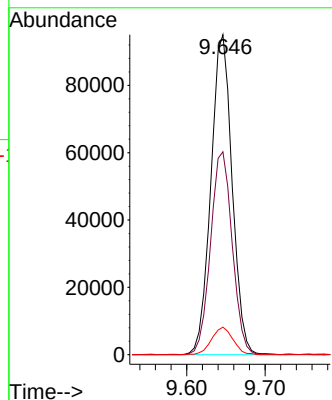
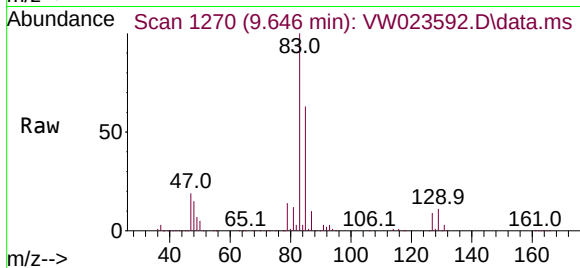




#38
Bromodichloromethane
Concen: 25.677 ug/L
RT: 9.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

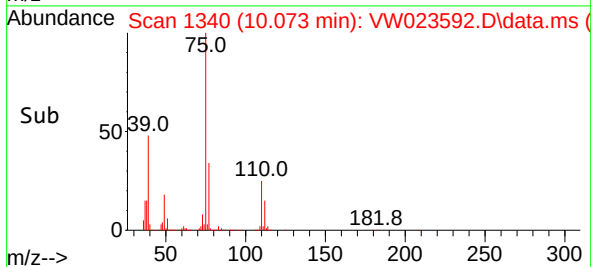
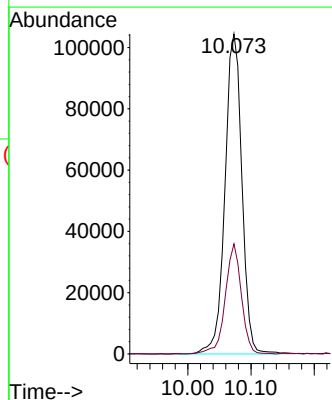
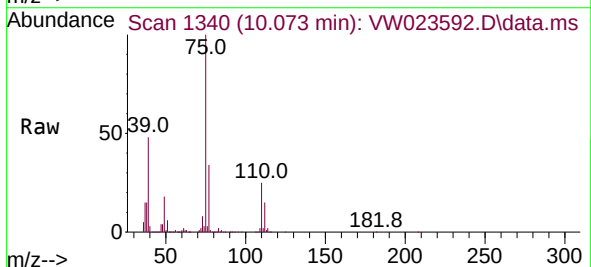
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

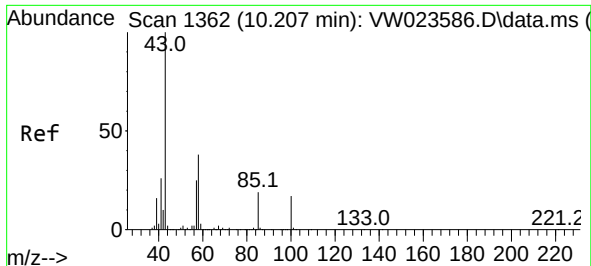
Tgt Ion: 83 Resp: 178783
Ion Ratio Lower Upper
83 100
85 63.4 44.2 82.0
127 8.6 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 25.731 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 75 Resp: 193559
Ion Ratio Lower Upper
75 100
77 34.4 23.0 42.6





#40

4-Methyl-2-pentanone

Concen: 46.511 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

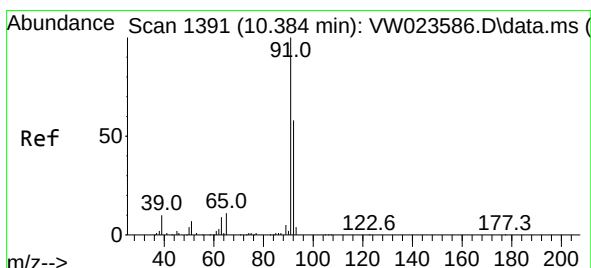
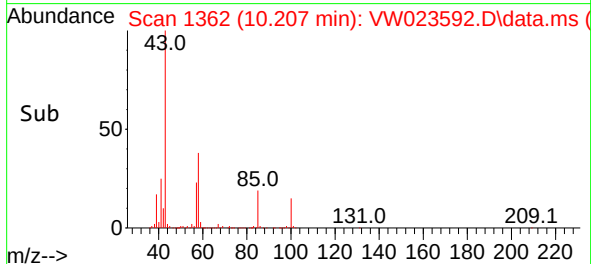
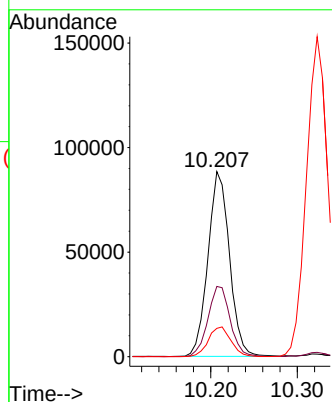
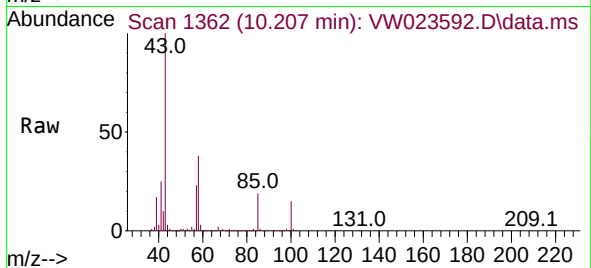
Tgt Ion: 43 Resp: 152698

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.8

100 16.9 14.0 21.0



#42

Toluene

Concen: 26.004 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW023592.D

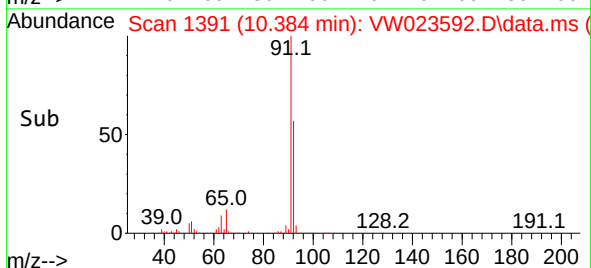
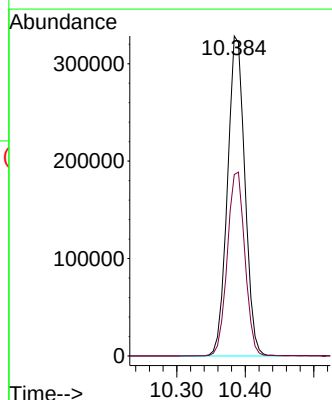
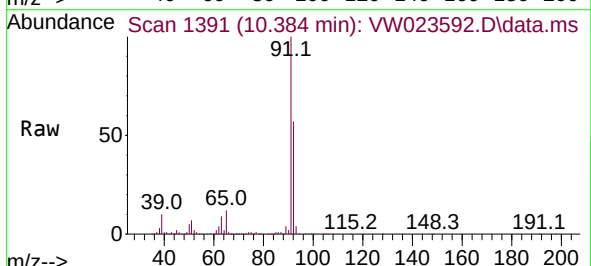
Acq: 11 Jul 2022 09:55

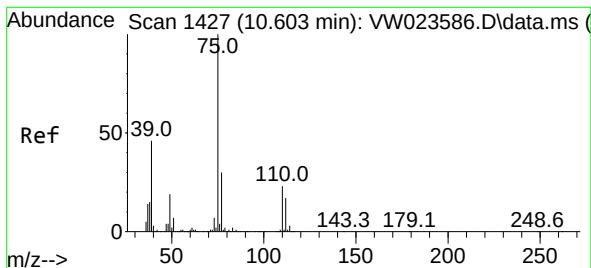
Tgt Ion: 91 Resp: 578746

Ion Ratio Lower Upper

91 100

92 56.7 41.2 76.4

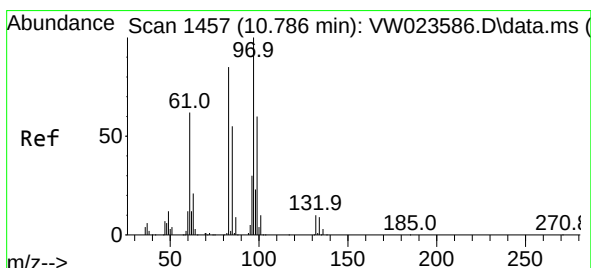
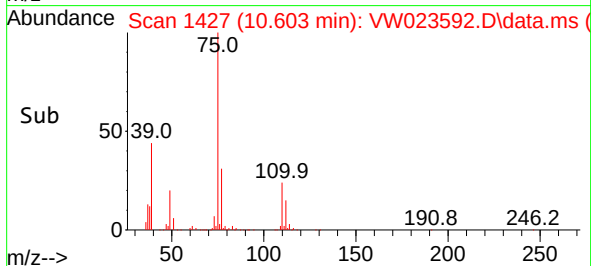
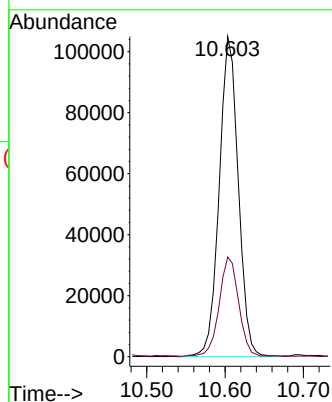
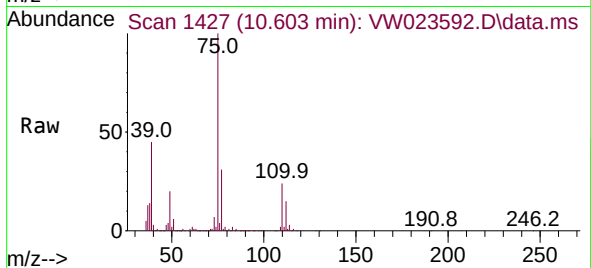




#44
trans-1,3-Dichloropropene
Concen: 25.628 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

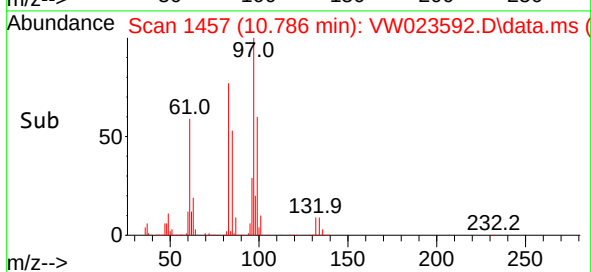
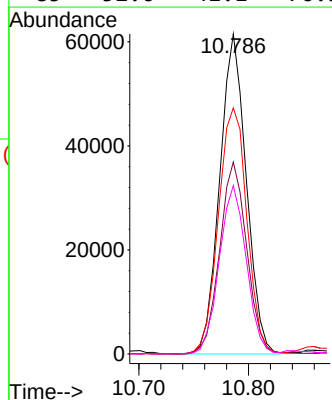
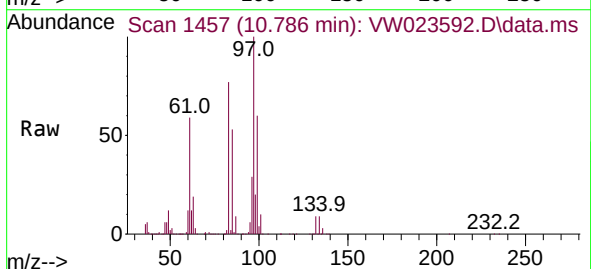
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

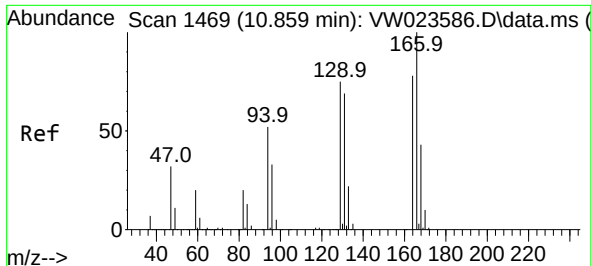
Tgt Ion: 75 Resp: 177749
Ion Ratio Lower Upper
75 100
77 31.1 22.9 42.5



#45
1,1,2-Trichloroethane
Concen: 24.368 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 97 Resp: 103439
Ion Ratio Lower Upper
97 100
99 60.0 43.9 81.5
83 76.9 59.8 111.0
85 52.6 41.1 76.3

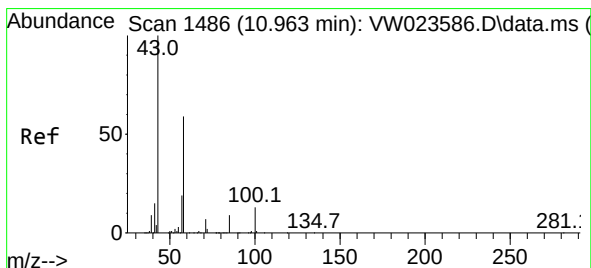
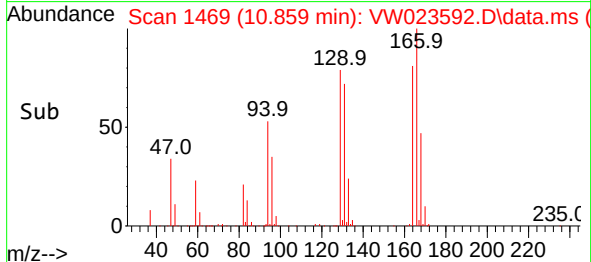
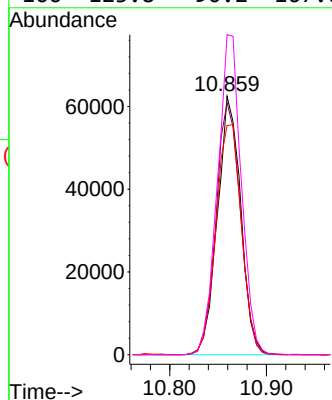
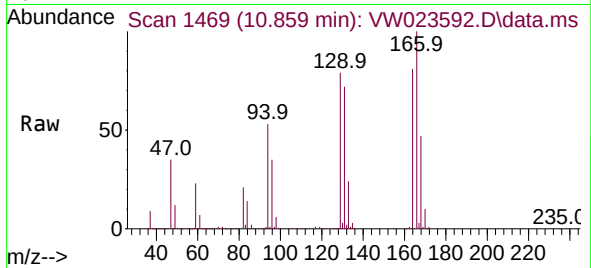




#46
Tetrachloroethene
Concen: 25.017 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

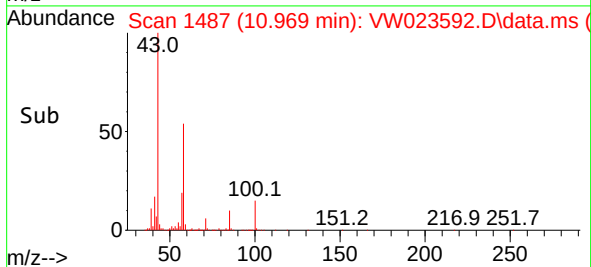
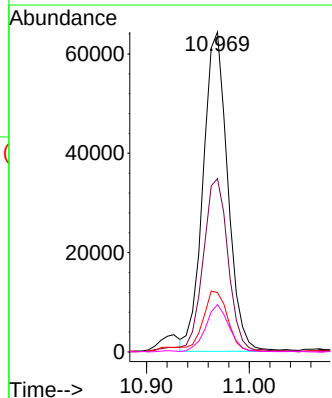
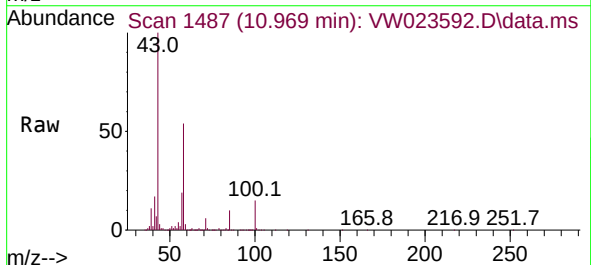
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

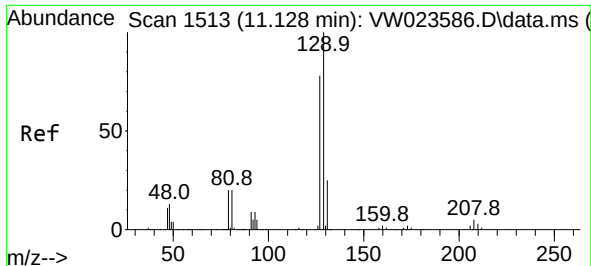
Tgt Ion:164 Resp: 104546
Ion Ratio Lower Upper
164 100
129 97.5 71.3 132.3
131 88.7 67.0 124.4
166 123.8 90.2 167.6



#48
2-Hexanone
Concen: 46.123 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 43 Resp: 107283
Ion Ratio Lower Upper
43 100
58 56.0 43.7 65.5
57 18.7 15.7 23.5
100 14.3 11.0 16.4





#49

Dibromochloromethane

Concen: 25.704 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

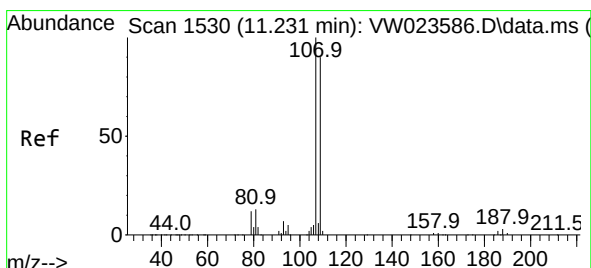
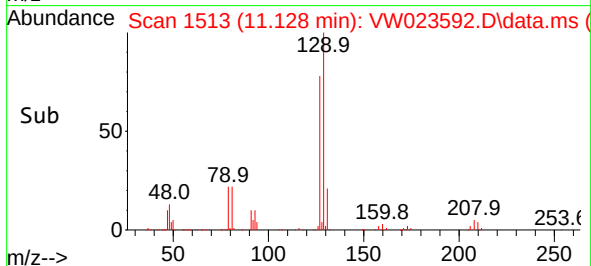
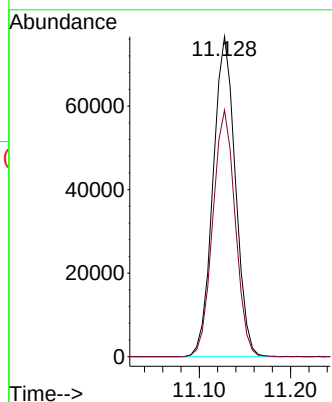
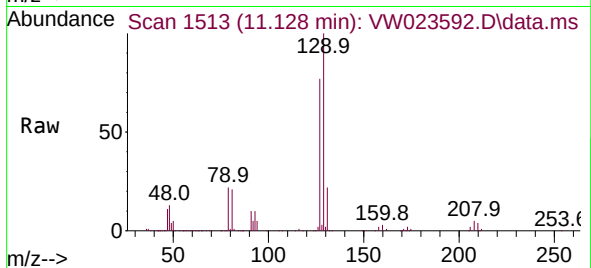
VSTD025594

Tgt Ion:129 Resp: 129891

Ion Ratio Lower Upper

129 100

127 77.0 52.7 97.9



#50

1,2-Dibromoethane

Concen: 23.530 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. 0.006 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

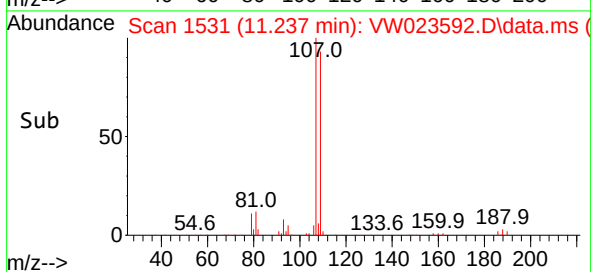
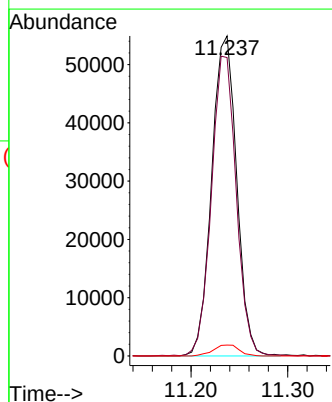
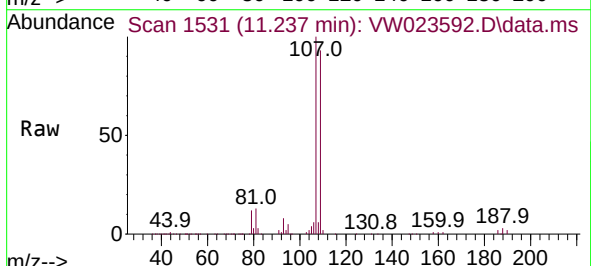
Tgt Ion:107 Resp: 98604

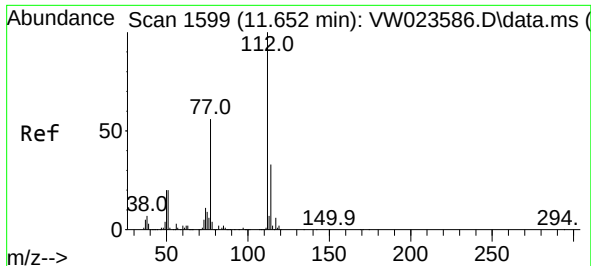
Ion Ratio Lower Upper

107 100

109 93.3 67.2 124.8

188 3.4 2.7 4.1

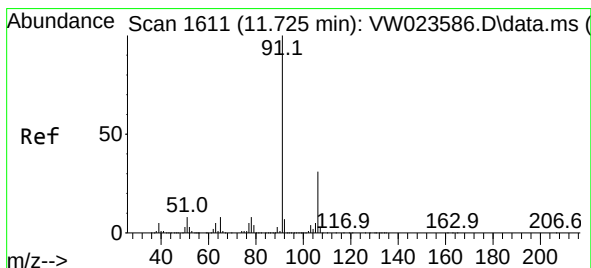
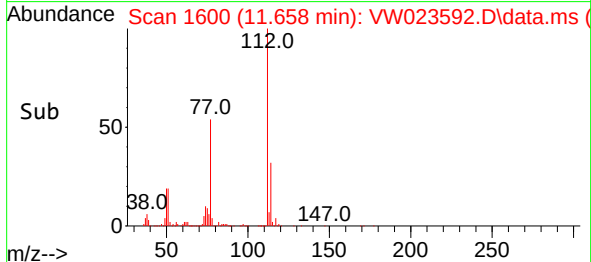
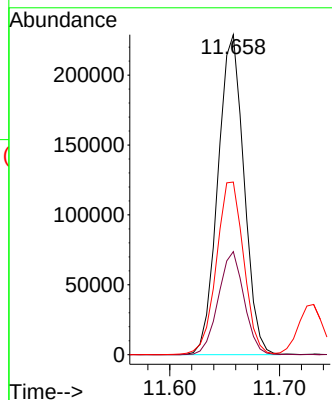
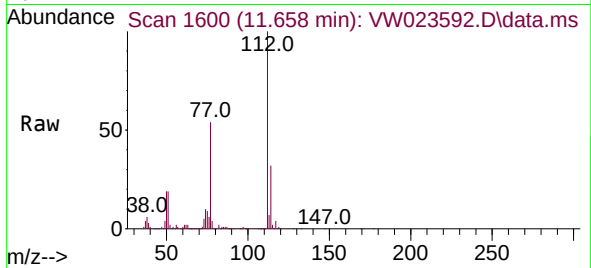




#51
Chlorobenzene
Concen: 24.979 ug/L
RT: 11.658 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

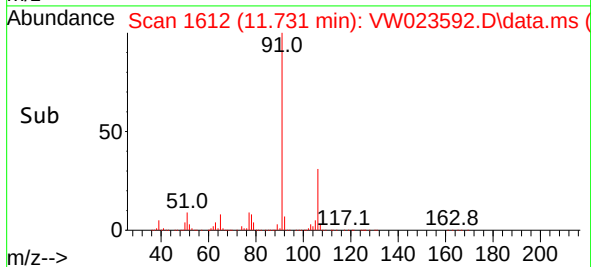
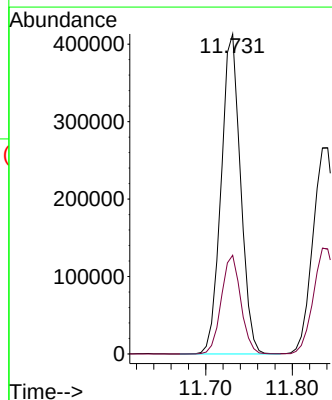
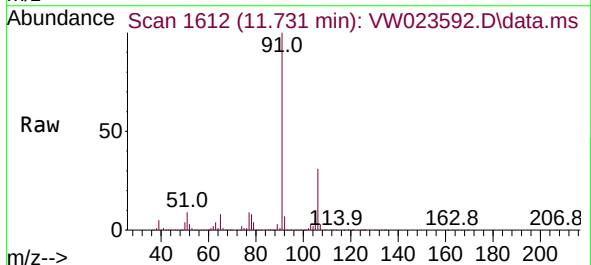
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

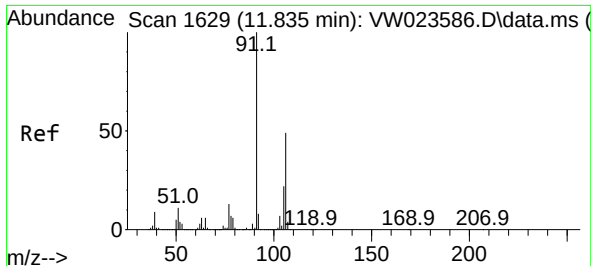
Tgt Ion:112 Resp: 378513
Ion Ratio Lower Upper
112 100
114 32.2 23.1 42.9
77 53.9 44.2 66.4



#52
Ethylbenzene
Concen: 25.576 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion: 91 Resp: 642686
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8

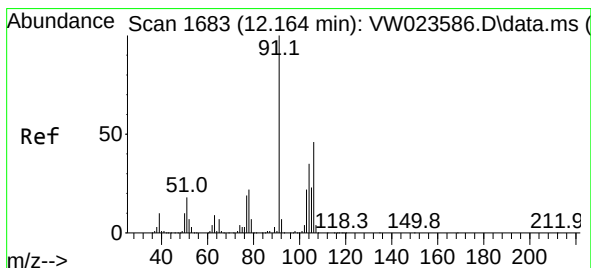
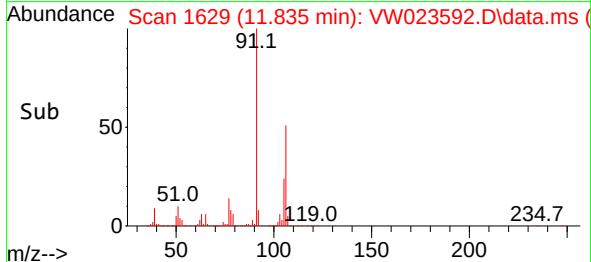
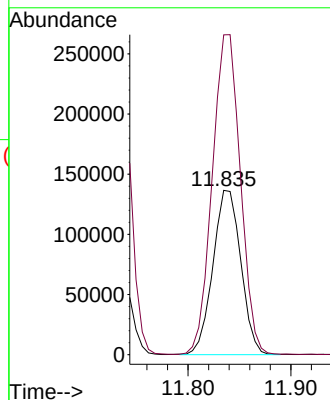
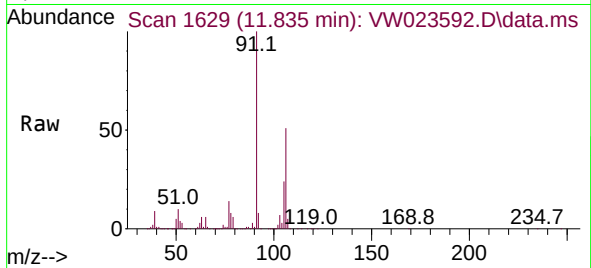




#53
m,p-Xylene
Concen: 26.439 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

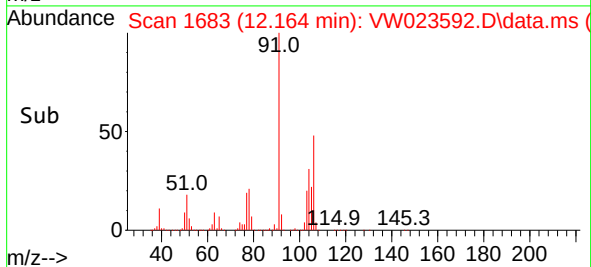
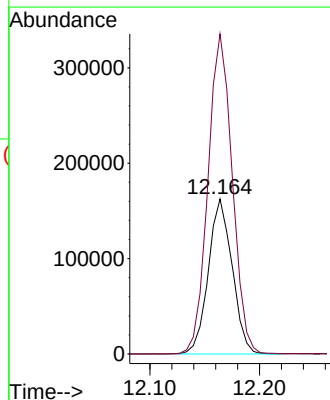
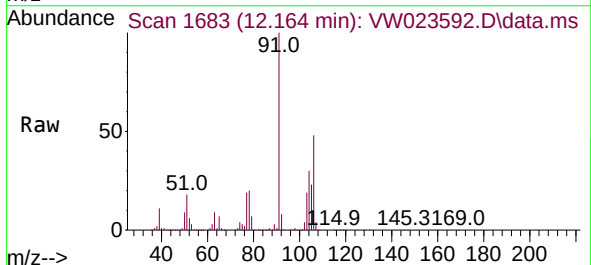
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

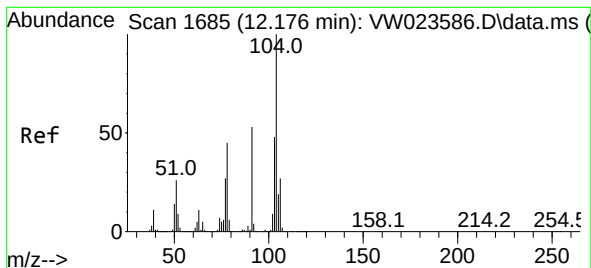
Tgt Ion:106 Resp: 257739
Ion Ratio Lower Upper
106 100
91 194.7 140.8 261.6



#54
o-Xylene
Concen: 26.266 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion:106 Resp: 245207
Ion Ratio Lower Upper
106 100
91 206.5 149.3 277.3





#55

Styrene

Concen: 26.521 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

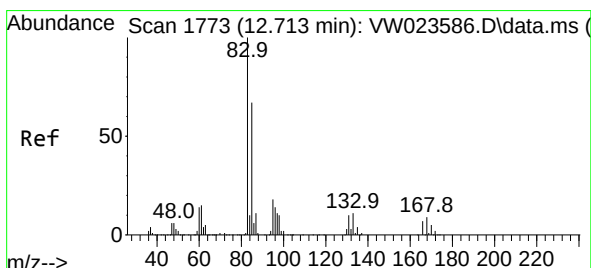
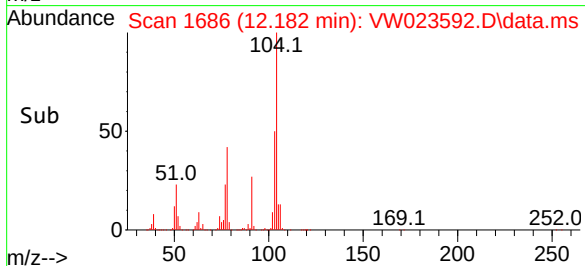
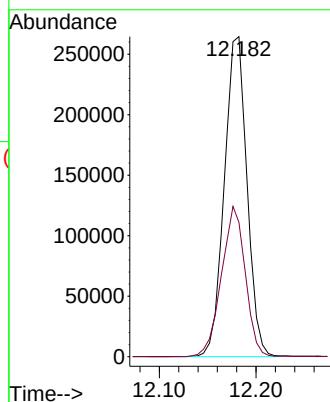
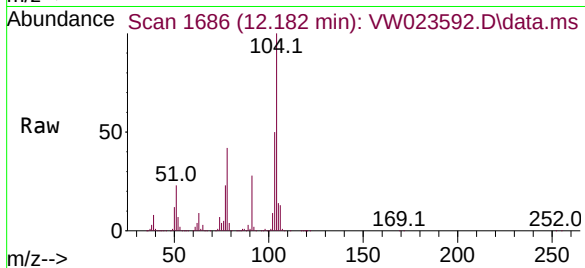
VSTD025594

Tgt Ion:104 Resp: 430549

Ion Ratio Lower Upper

104 100

78 42.0 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 23.398 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

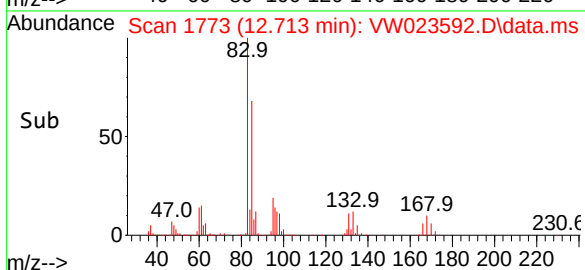
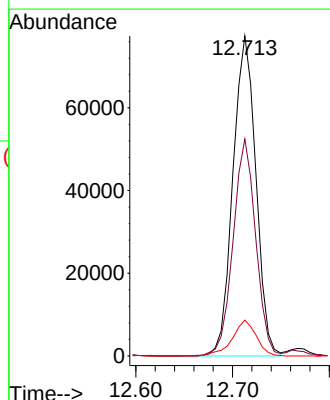
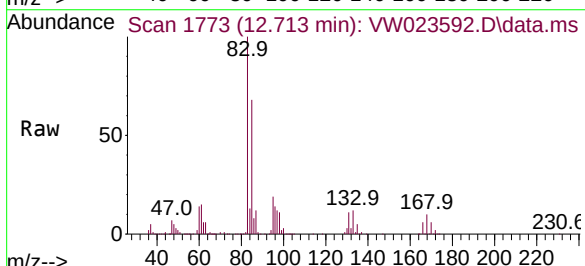
Tgt Ion: 83 Resp: 127797

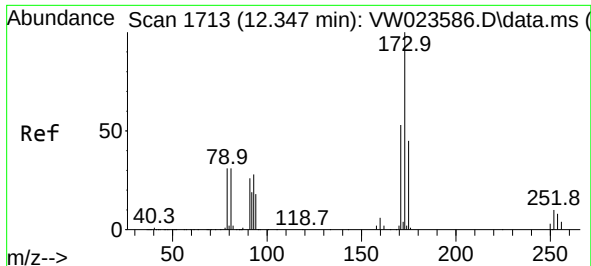
Ion Ratio Lower Upper

83 100

85 67.8 44.0 81.6

131 11.2 8.5 12.7

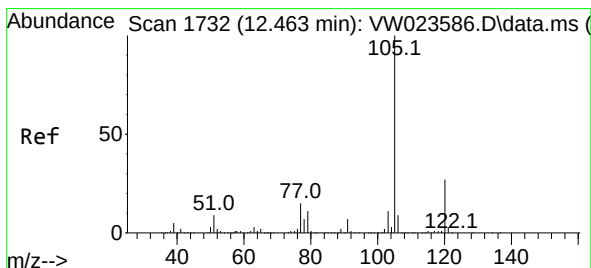
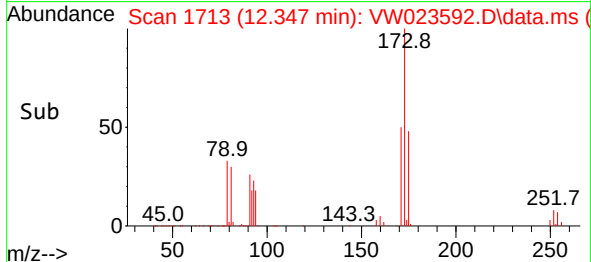
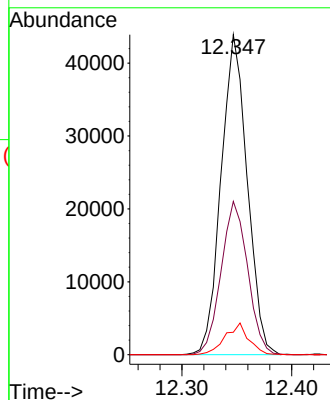
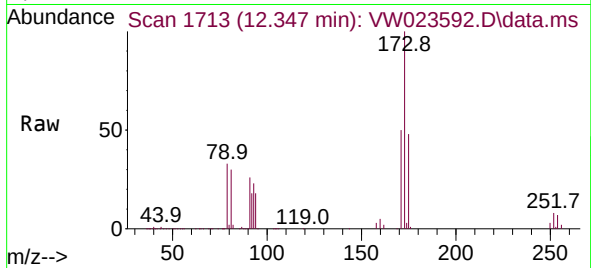




#59
Bromoform
Concen: 24.346 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

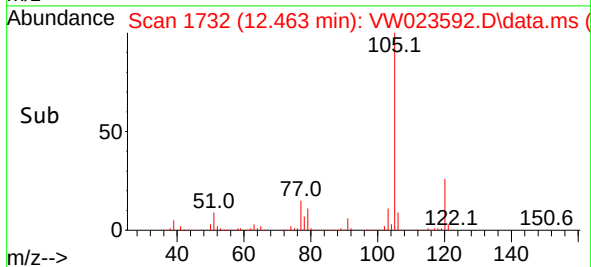
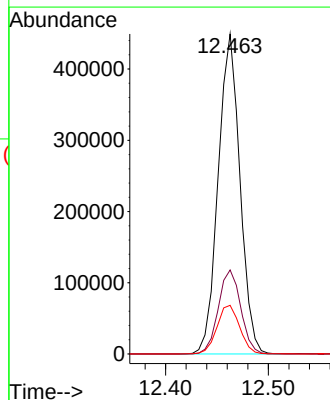
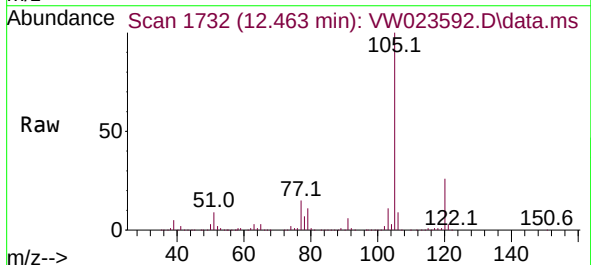
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

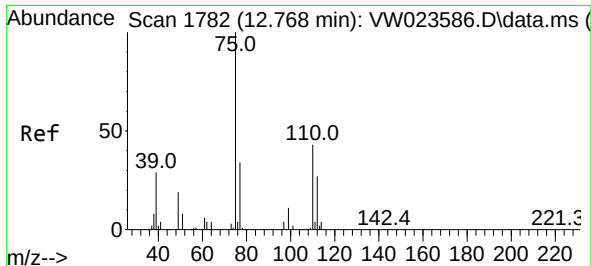
Tgt Ion:173 Resp: 72771
Ion Ratio Lower Upper
173 100
175 48.7 37.9 56.9
254 8.9 7.0 10.4



#60
Isopropylbenzene
Concen: 25.575 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion:105 Resp: 660430
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9
77 15.9 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 22.256 ug/L

RT: 12.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023592.D

Acq: 11 Jul 2022 09:55

Instrument :

MSVOA_W

ClientSampleId :

VSTD025594

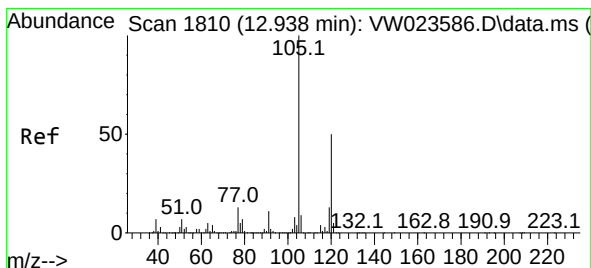
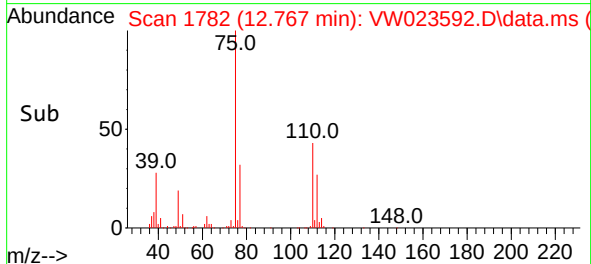
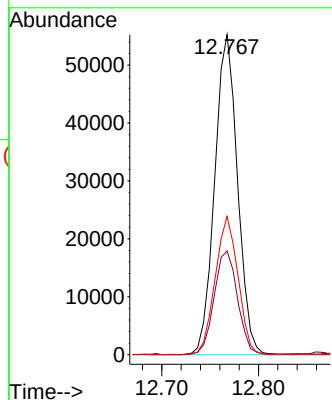
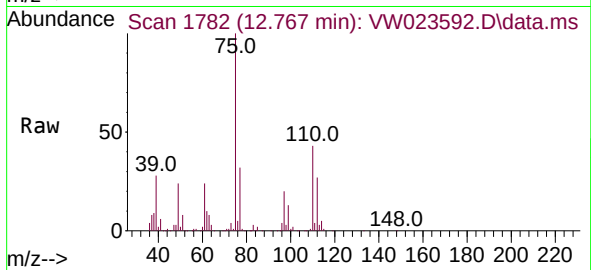
Tgt Ion: 75 Resp: 90403

Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

110 43.1 34.3 51.5



#62

1,3,5-Trimethylbenzene

Concen: 25.810 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023592.D

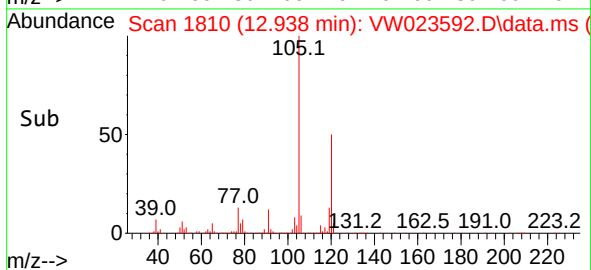
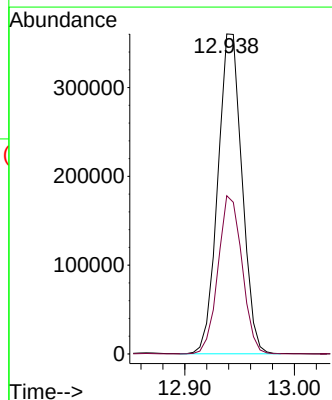
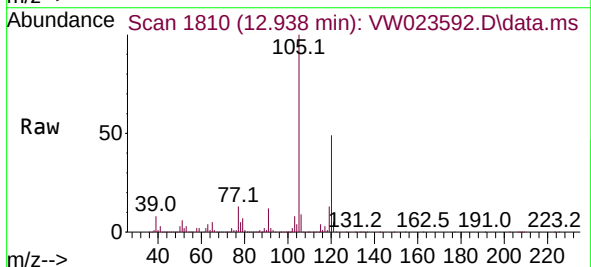
Acq: 11 Jul 2022 09:55

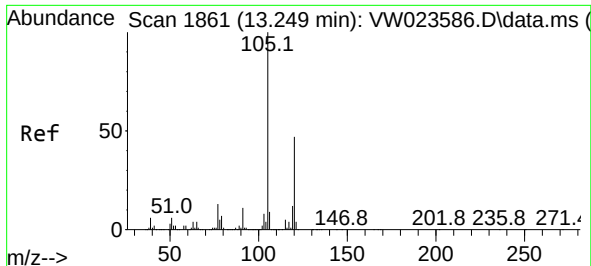
Tgt Ion: 105 Resp: 552710

Ion Ratio Lower Upper

105 100

120 49.2 39.7 59.5

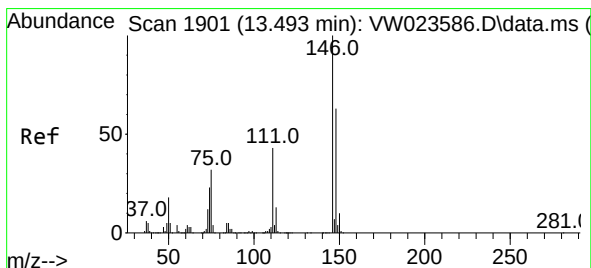
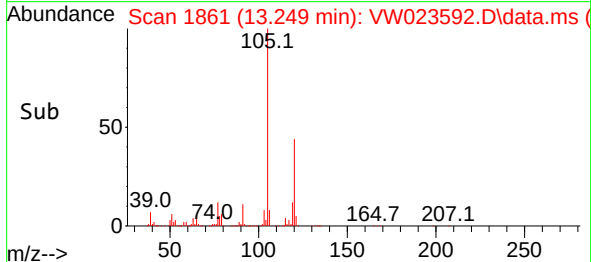
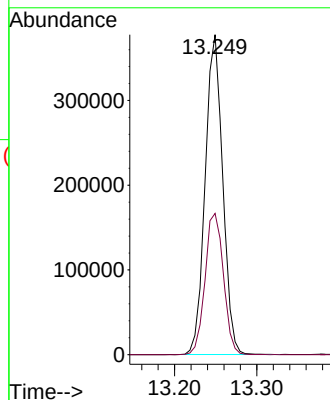
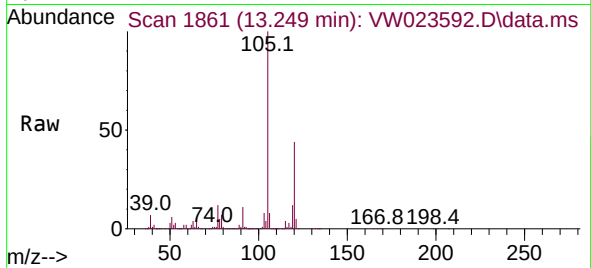




#63
1,2,4-Trimethylbenzene
Concen: 26.084 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

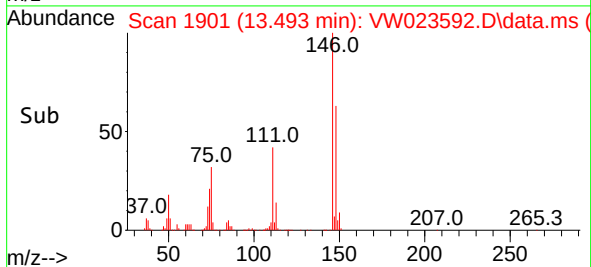
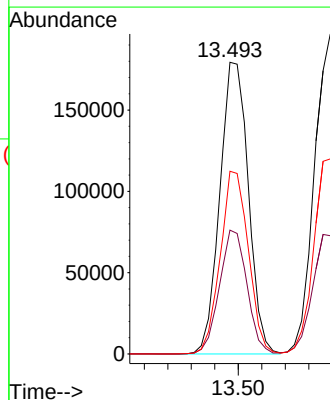
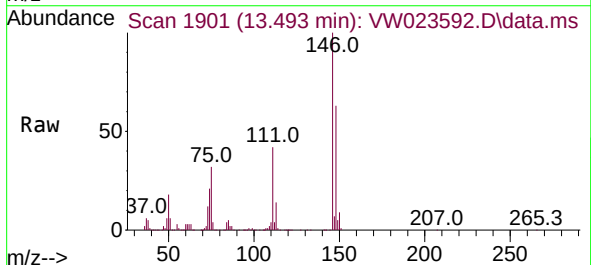
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

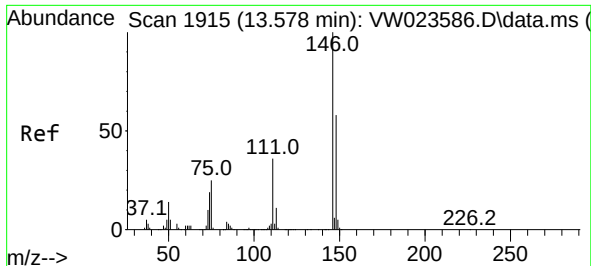
Tgt Ion:105 Resp: 558774
Ion Ratio Lower Upper
105 100
120 46.3 36.9 55.3



#64
1,3-Dichlorobenzene
Concen: 24.763 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion:146 Resp: 302492
Ion Ratio Lower Upper
146 100
111 42.4 26.7 49.7
148 62.6 43.3 80.5

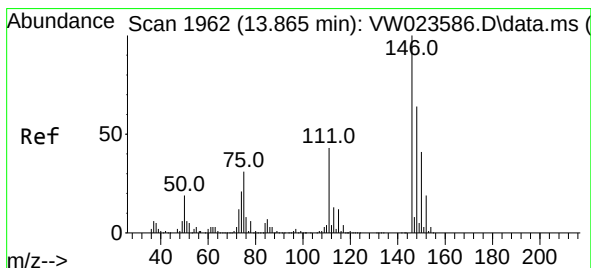
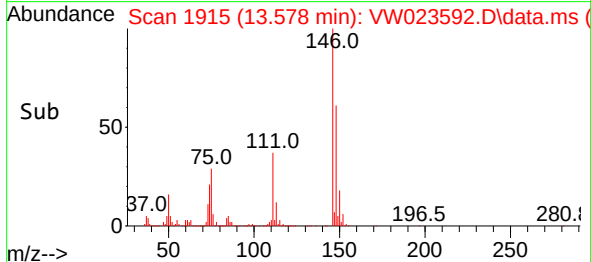
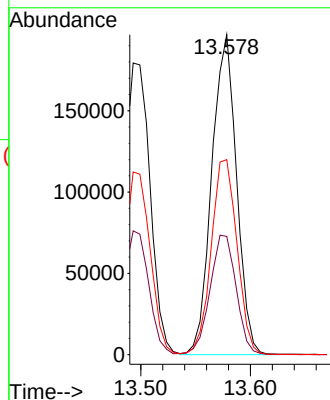
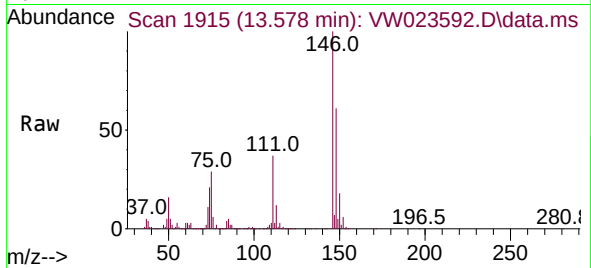




#65
1,4-Dichlorobenzene
Concen: 25.010 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

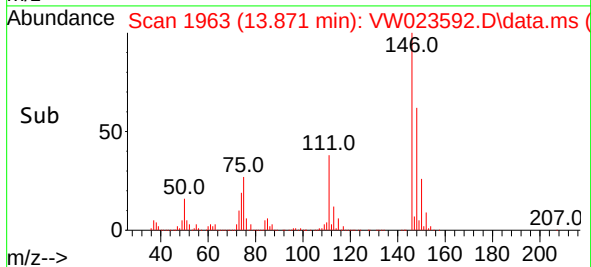
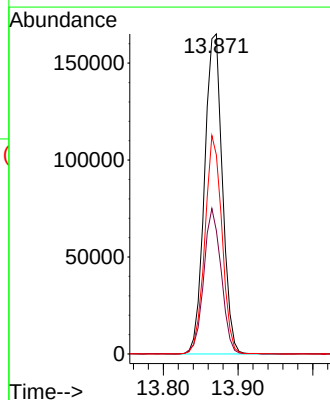
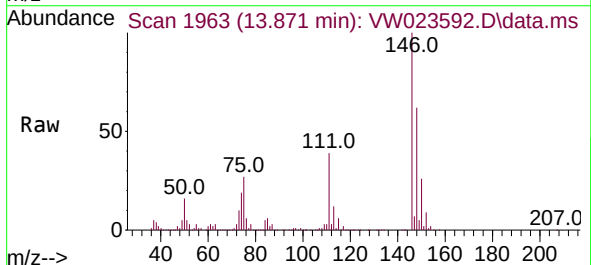
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

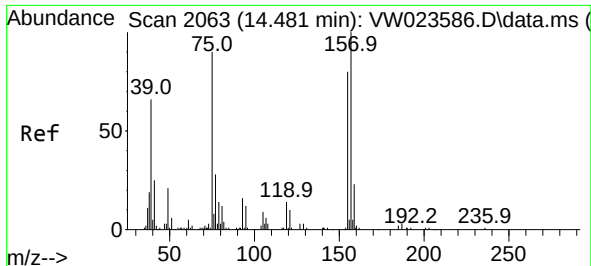
Tgt Ion:146 Resp: 309848
Ion Ratio Lower Upper
146 100
111 37.0 28.2 52.4
148 60.9 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 24.299 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion:146 Resp: 273710
Ion Ratio Lower Upper
146 100
111 38.5 30.6 45.8
148 62.2 49.9 74.9

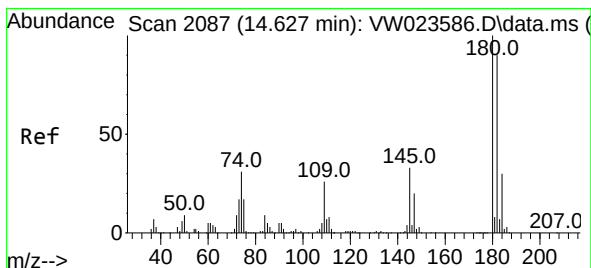
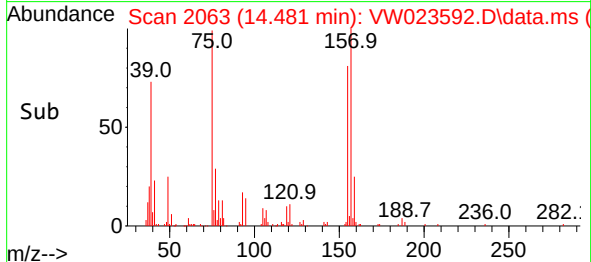
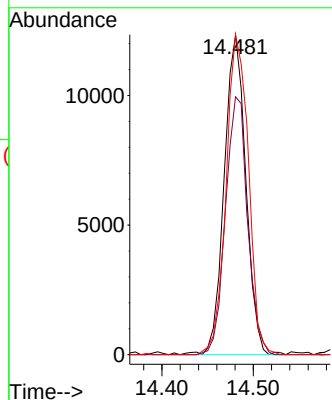
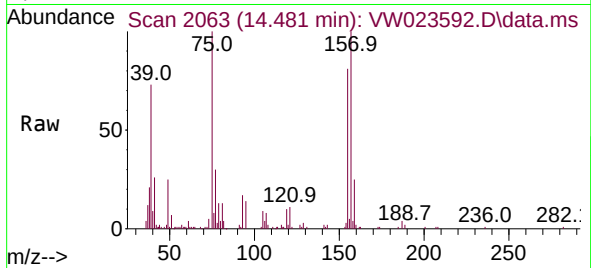




#68
 1,2-Dibromo-3-chloropropane
 Concen: 21.155 ug/L
 RT: 14.481 min Scan# 2063
 Delta R.T. -0.000 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

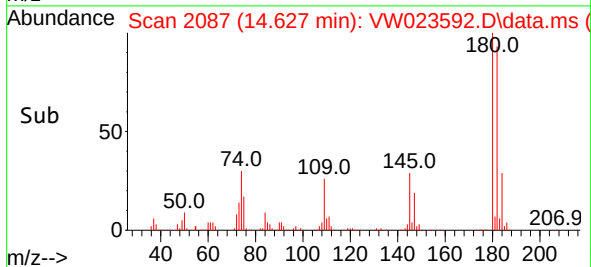
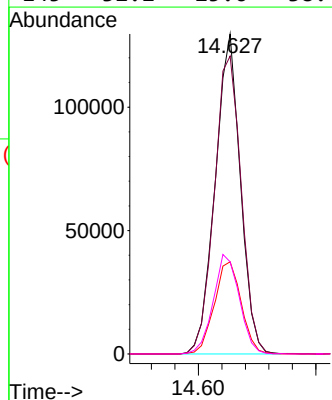
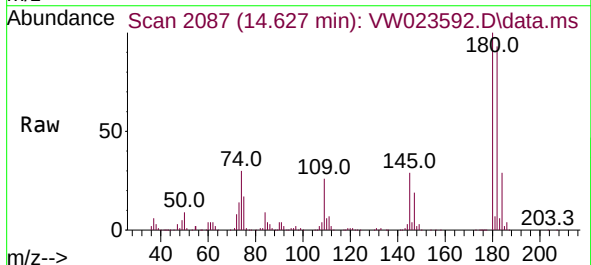
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

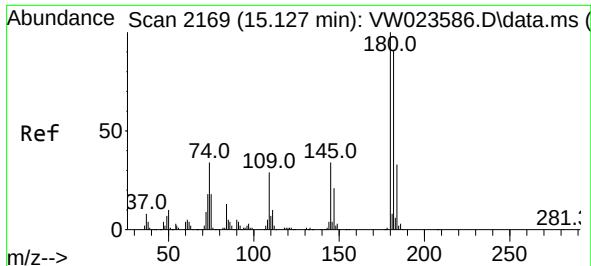
Tgt Ion: 75 Resp: 20250
 Ion Ratio Lower Upper
 75 100
 155 80.7 63.8 95.6
 157 100.1 85.0 127.4



#69
 1,3,5-Trichlorobenzene
 Concen: 24.379 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

Tgt Ion: 180 Resp: 193227
 Ion Ratio Lower Upper
 180 100
 182 99.4 75.5 113.3
 184 30.8 24.6 36.8
 145 32.2 25.6 38.4

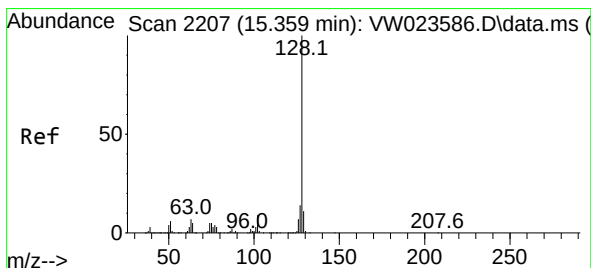
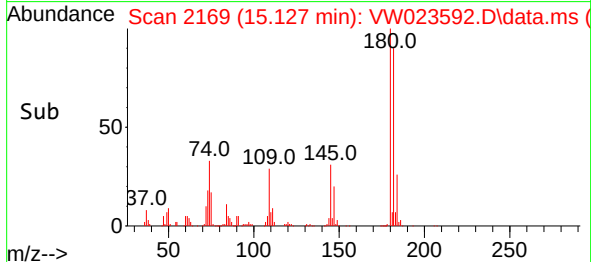
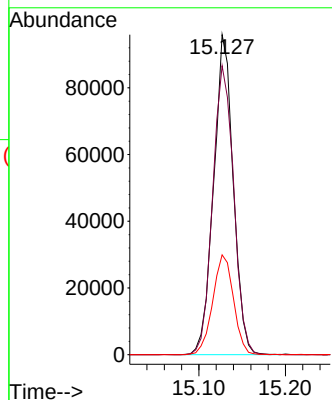
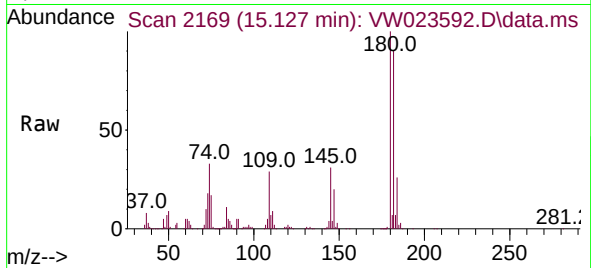




#70
1,2,4-trichlorobenzene
Concen: 23.595 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

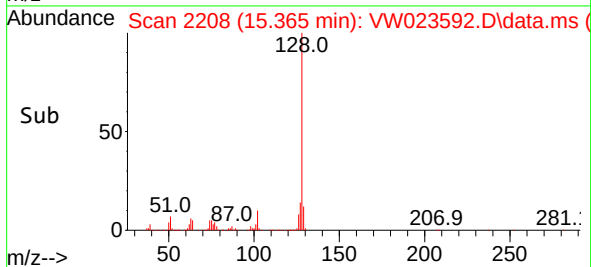
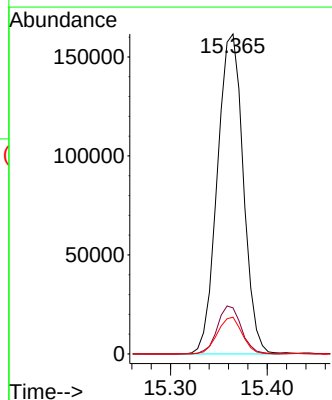
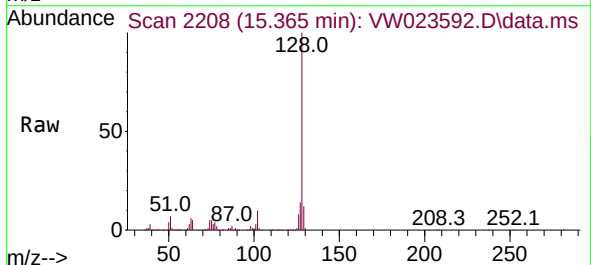
Instrument :
MSVOA_W
ClientSampleId :
VSTD025594

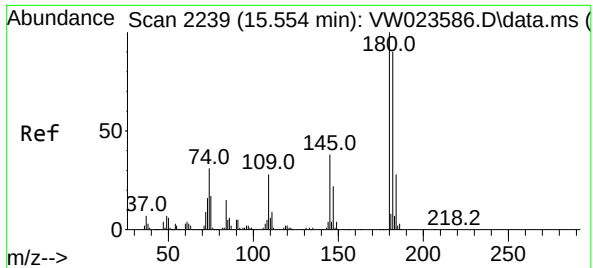
Tgt Ion:180 Resp: 151109
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.4
145 32.9 26.1 39.1



#71
Naphthalene
Concen: 21.755 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW023592.D
Acq: 11 Jul 2022 09:55

Tgt Ion:128 Resp: 300742
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.9 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 22.919 ug/L
 RT: 15.547 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW023592.D
 Acq: 11 Jul 2022 09:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Tgt Ion:180 Resp: 136057
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.6 113.4
 145 35.6 28.2 42.2

