

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023392.D
 Acq On : 03 Jun 2022 14:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

Quant Time: Jun 03 23:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	402815	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	376557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201258	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129568	21.751	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.000%		
7) Chloroethane-d5	2.885	69	92448	22.386	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.560%		
11) 1,1-Dichloroethene-d2	4.019	63	198696	21.701	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.800%		
21) 2-Butanone-d5	7.080	46	54928	44.931	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.860%		
24) Chloroform-d	7.647	84	243784	22.983	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.920%		
26) 1,2-Dichloroethane-d4	8.305	65	130069	23.412	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.640%		
32) Benzene-d6	8.275	84	467573	23.110	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.440%		
36) 1,2-Dichloropropane-d6	9.274	67	137031	23.673	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.680%		
41) Toluene-d8	10.323	98	445889	23.113	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.440%		
43) trans-1,3-Dichloroprop...	10.573	79	60481	23.406	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.640%		
47) 2-Hexanone-d5	10.920	63	45335	48.752	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.500%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122633	24.020	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.080%		
66) 1,2-Dichlorobenzene-d4	13.847	152	165583	23.276	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	42589	26.410	ug/L	97
3) Chloromethane	2.221	50	122209	24.568	ug/L	99
5) Vinyl chloride	2.361	62	180840	23.355	ug/L	99
6) Bromomethane	2.782	94	86324	22.838	ug/L	96
8) Chloroethane	2.922	64	81299	22.966	ug/L	94
9) Trichlorofluoromethane	3.257	101	117862	32.224	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117894	22.245	ug/L	97
12) 1,1-Dichloroethene	4.044	96	105168	22.781	ug/L	82
13) Acetone	4.117	43	35142	39.129	ug/L	97
14) Carbon disulfide	4.379	76	332809	21.583	ug/L	98
15) Methyl Acetate	4.672	43	44491	22.553	ug/L	95
16) Methylene chloride	4.915	84	124166	21.519	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	123475	22.927	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	183645	23.163	ug/L	99
19) 1,1-Dichloroethane	6.214	63	210465	23.070	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	131095	23.180	ug/L #	100
22) 2-Butanone	7.171	43	58901	44.115	ug/L	99
23) Bromochloromethane	7.513	128	61672	23.051	ug/L	86
25) Chloroform	7.677	83	232058	23.241	ug/L	95

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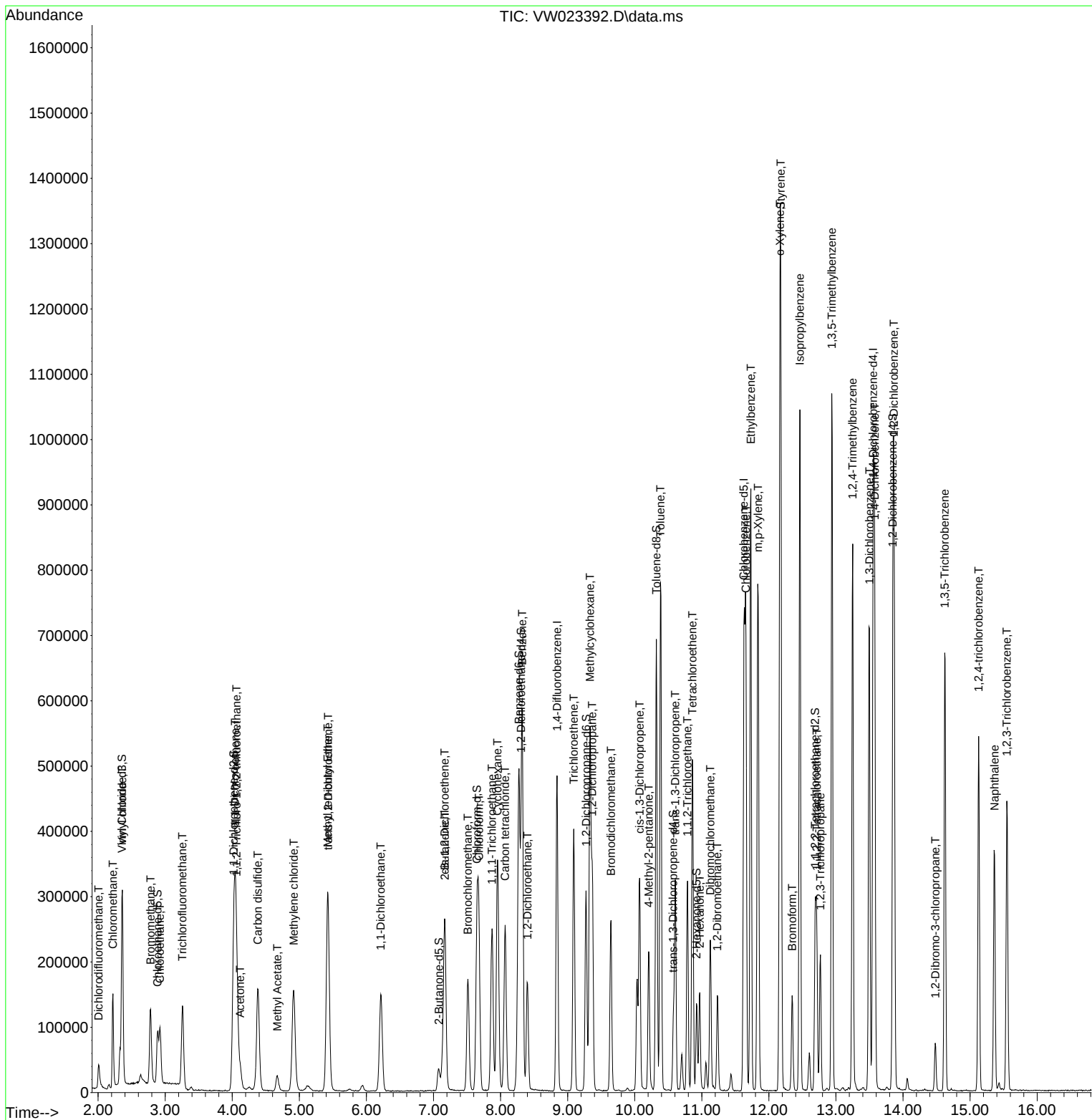
Quant Time: Jun 03 23:35:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 03 23:33:12 2022
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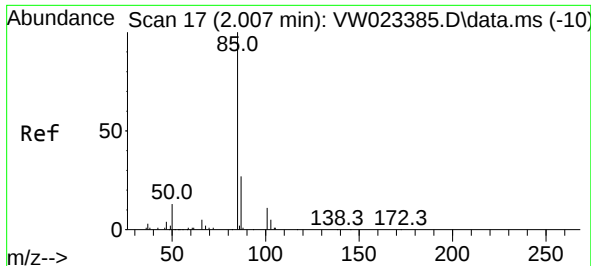
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	149226	23.213	ug/L	96
29) Cyclohexane	7.952	56	188837	23.479	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	200577	23.016	ug/L	99
31) Carbon tetrachloride	8.067	117	184153	22.468	ug/L	98
33) Benzene	8.323	78	511629	23.719	ug/L	100
34) Trichloroethene	9.092	95	134585	23.038	ug/L	99
35) Methylcyclohexane	9.335	83	231571	23.927	ug/L	98
37) 1,2-Dichloropropane	9.366	63	119947	23.603	ug/L	99
38) Bromodichloromethane	9.646	83	169471	23.560	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	189527	23.744	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	132375	45.974	ug/L	97
42) Toluene	10.384	91	576026	24.038	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	169854	23.781	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94610	22.739	ug/L	96
46) Tetrachloroethene	10.860	164	107803	23.045	ug/L	87
48) 2-Hexanone	10.969	43	90541	47.036	ug/L	97
49) Dibromochloromethane	11.128	129	115566	22.635	ug/L	97
50) 1,2-Dibromoethane	11.231	107	94224	23.231	ug/L #	98
51) Chlorobenzene	11.658	112	374765	23.685	ug/L	99
52) Ethylbenzene	11.731	91	651651	24.763	ug/L	97
53) m,p-Xylene	11.841	106	255279	24.497	ug/L	96
54) o-Xylene	12.164	106	244201	24.494	ug/L	99
55) Styrene	12.176	104	421880	24.829	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	114167	23.232	ug/L	91
59) Bromoform	12.347	173	63024	21.332	ug/L	97
60) Isopropylbenzene	12.463	105	665173	24.098	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	80768	22.326	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	562282	24.862	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	441628	25.153	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	299540	23.870	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	296406	23.107	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	264198	23.293	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	16930	21.010	ug/L	84
69) 1,3,5-Trichlorobenzene	14.621	180	199875	24.118	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	160236	24.335	ug/L	99
71) Naphthalene	15.365	128	312920	25.242	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	138684	24.333	ug/L	99

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

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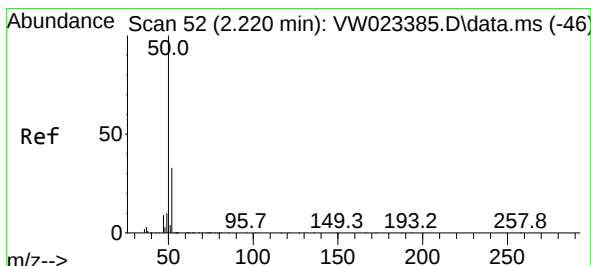
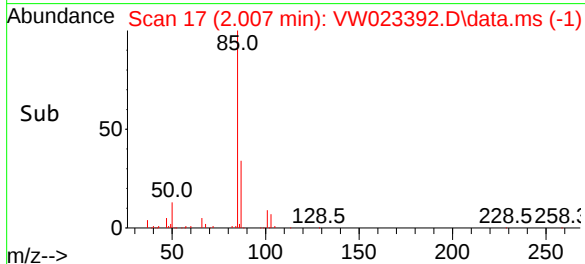
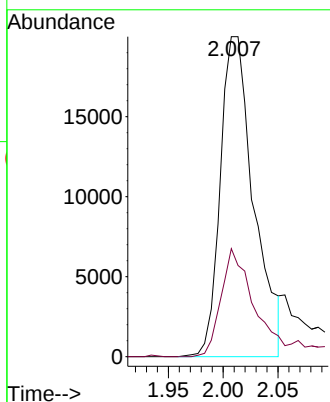
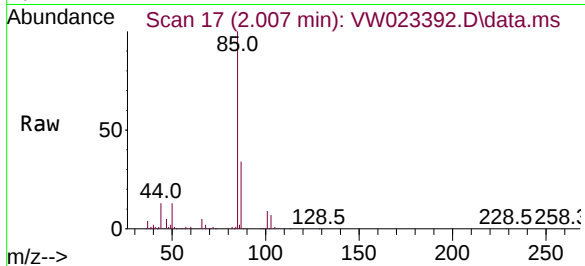




#2
 Dichlorodifluoromethane
 Concen: 26.410 ug/L
 RT: 2.007 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VW023392.D
 Acq: 03 Jun 2022 14:58

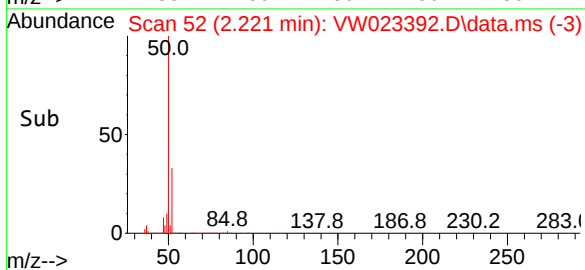
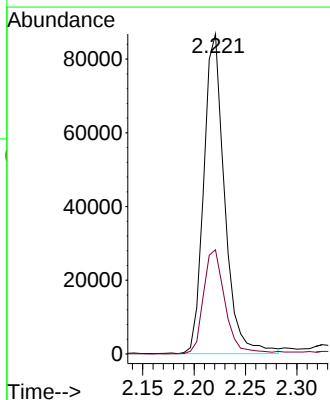
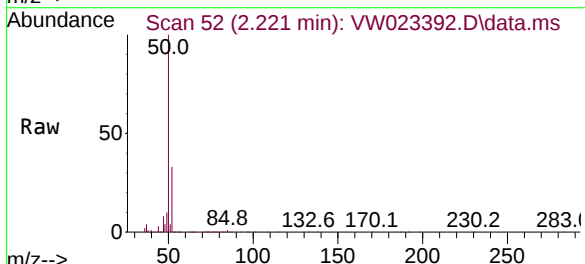
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025561

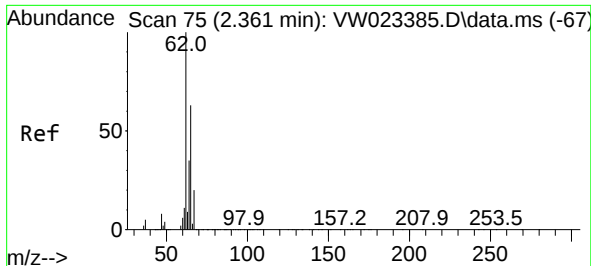
Tgt Ion: 85 Resp: 42589
 Ion Ratio Lower Upper
 85 100
 87 33.0 27.8 41.8



#3
 Chloromethane
 Concen: 24.568 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW023392.D
 Acq: 03 Jun 2022 14:58

Tgt Ion: 50 Resp: 122209
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.1 42.9

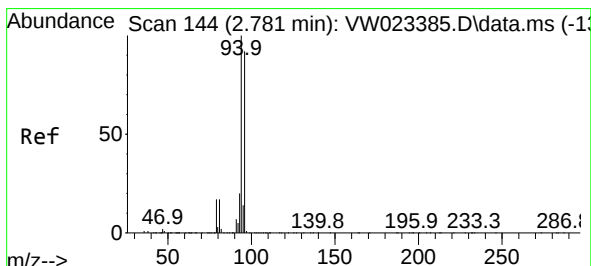
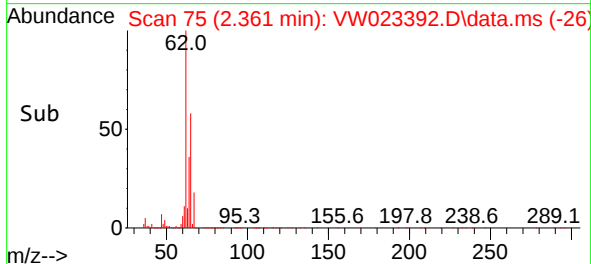
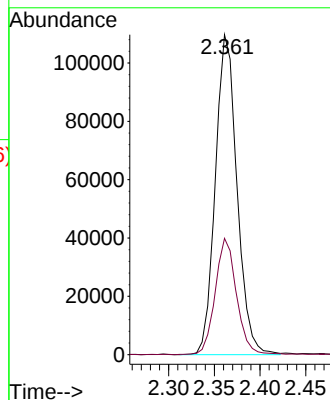
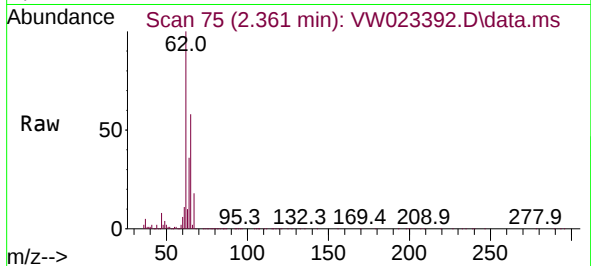




#5
 Vinyl chloride
 Concen: 23.355 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023392.D
 Acq: 03 Jun 2022 14:58

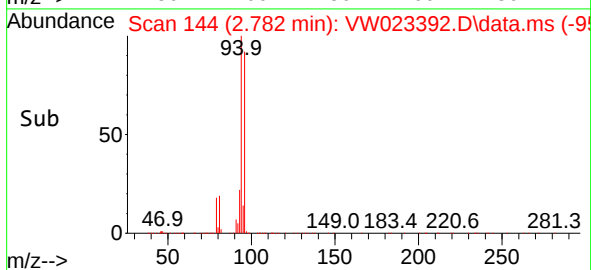
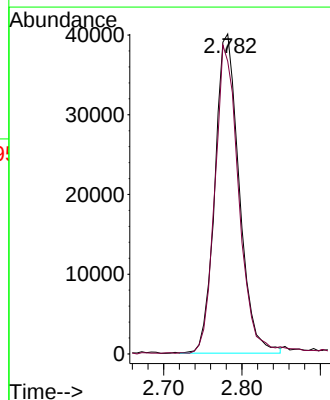
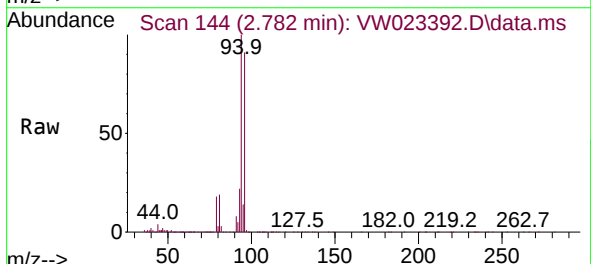
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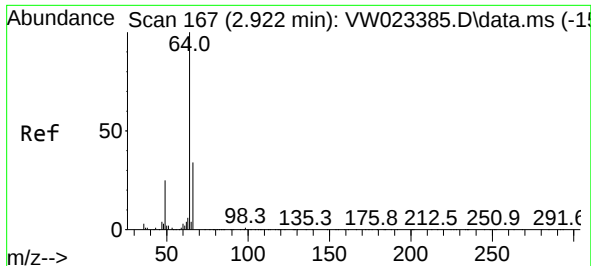
Tgt Ion: 62 Resp: 180840
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.9 46.3



#6
 Bromomethane
 Concen: 22.838 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW023392.D
 Acq: 03 Jun 2022 14:58

Tgt Ion: 94 Resp: 86324
 Ion Ratio Lower Upper
 94 100
 96 91.4 61.7 114.5

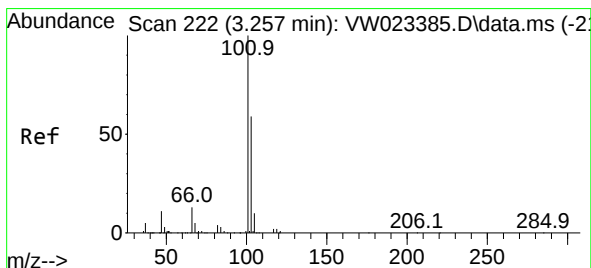
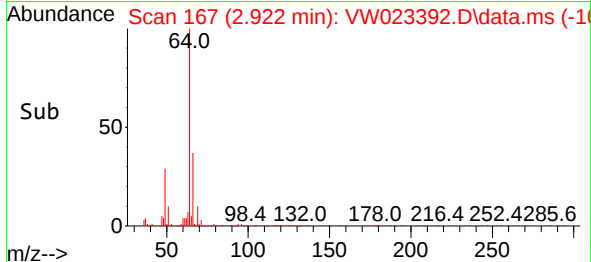
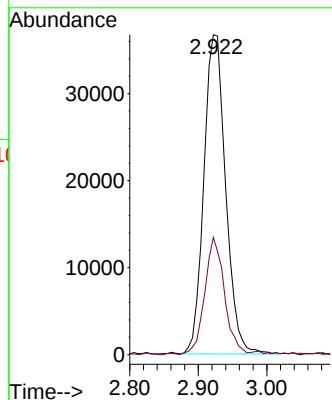
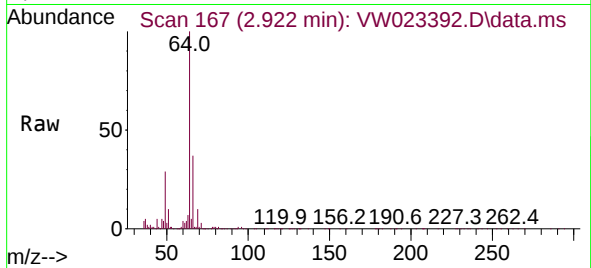




#8
Chloroethane
Concen: 22.966 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

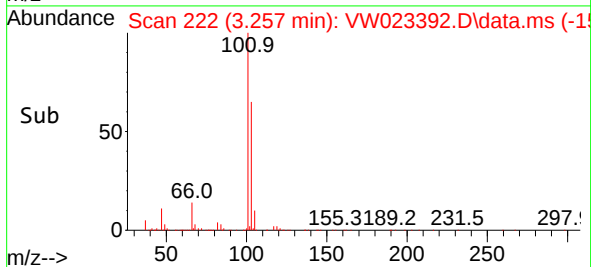
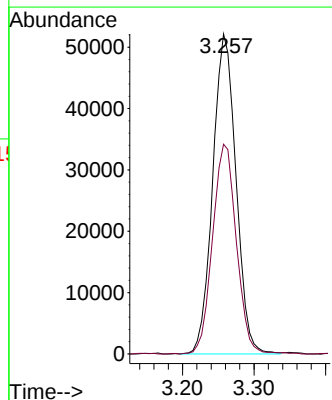
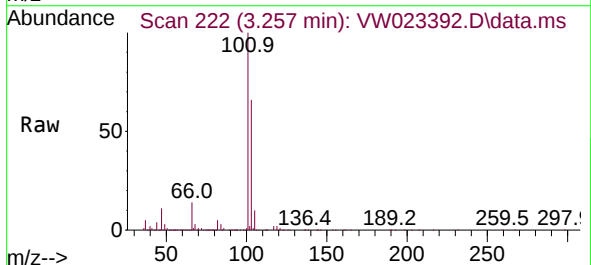
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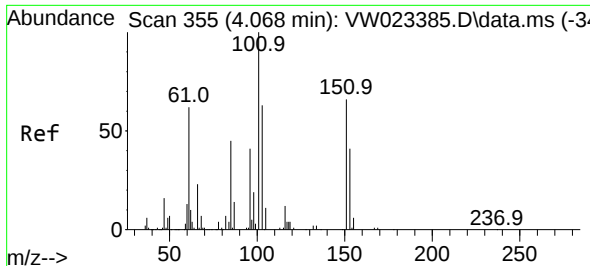
Tgt Ion: 64 Resp: 81299
Ion Ratio Lower Upper
64 100
66 36.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 32.224 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 101 Resp: 117862
Ion Ratio Lower Upper
101 100
103 67.0 53.9 80.9

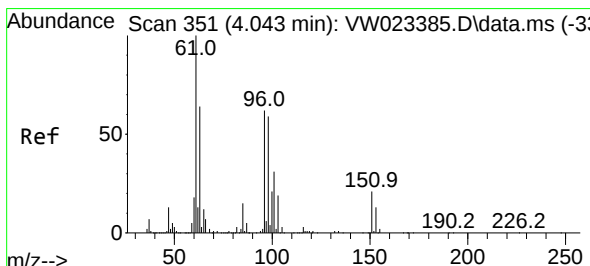
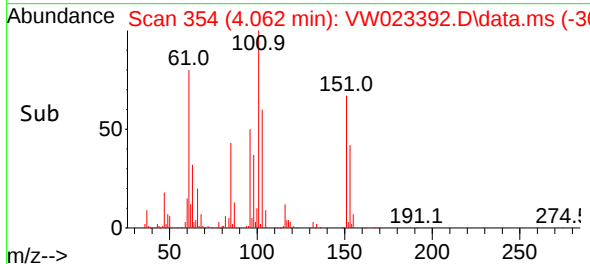
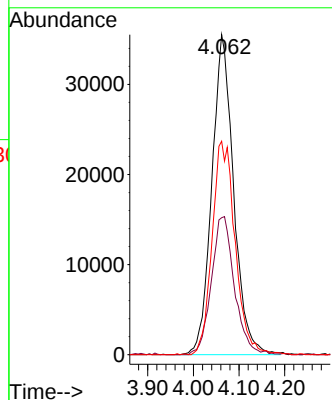
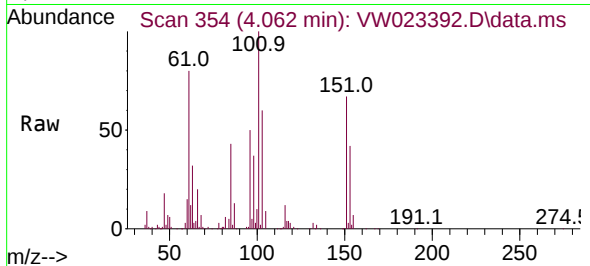




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.245 ug/L
RT: 4.062 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

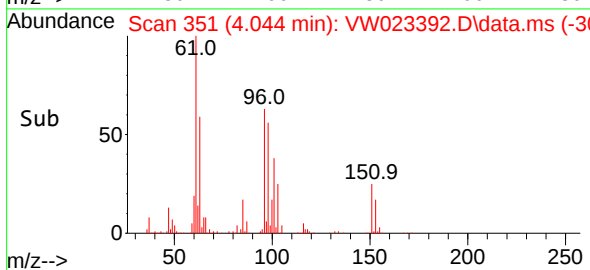
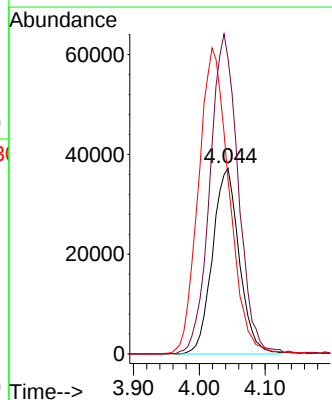
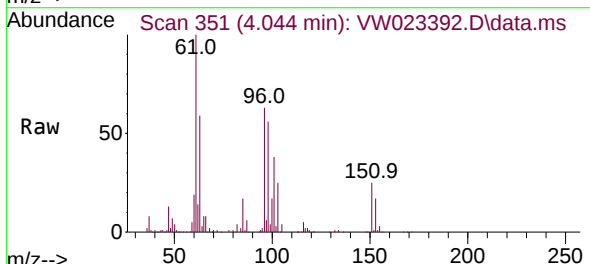
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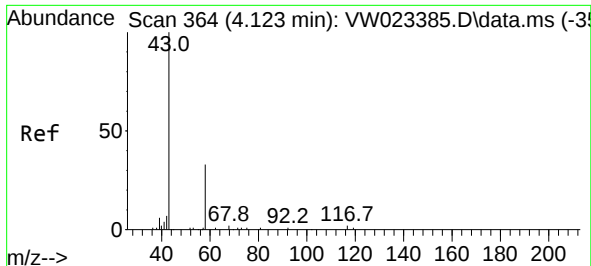
Tgt Ion:101 Resp: 117894
Ion Ratio Lower Upper
101 100
85 45.2 34.3 51.5
151 70.2 54.2 81.2



#12
1,1-Dichloroethene
Concen: 22.781 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 96 Resp: 105168
Ion Ratio Lower Upper
96 100
61 158.9 125.7 233.5
63 93.8 83.4 155.0

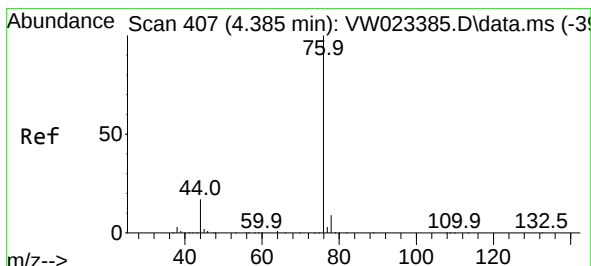
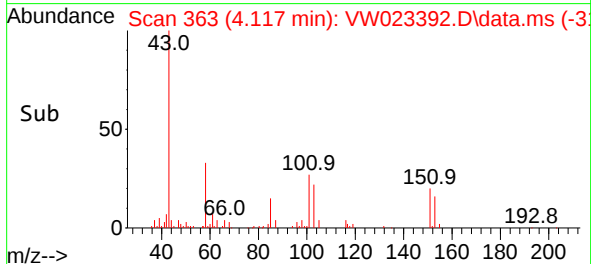
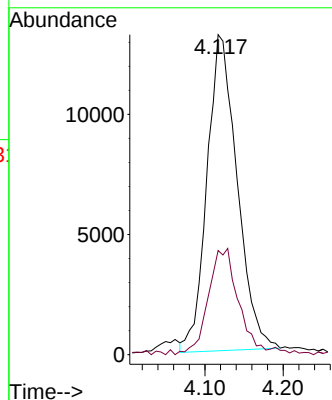
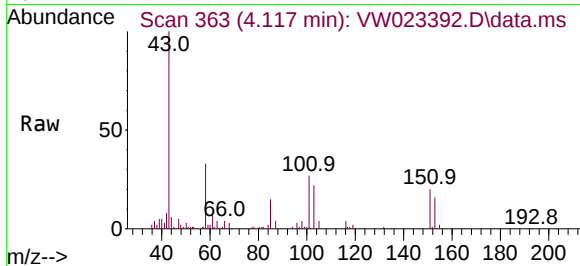




#13
Acetone
Concen: 39.129 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

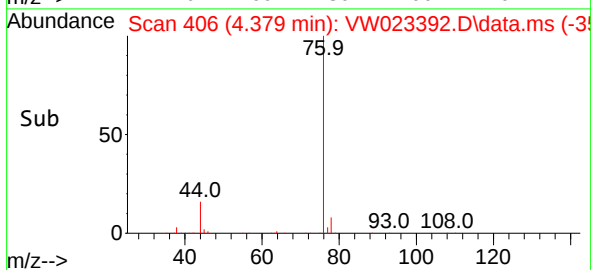
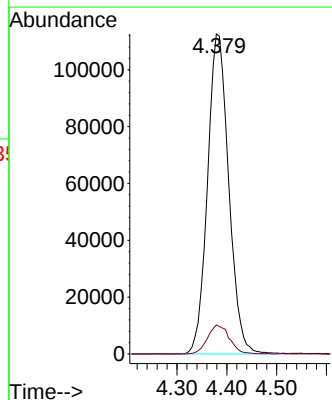
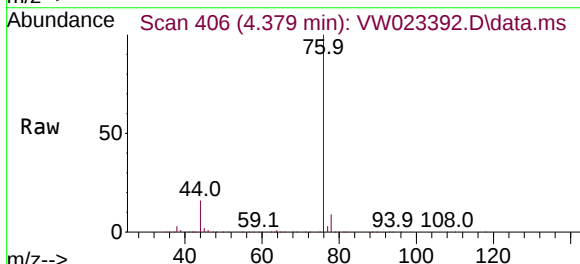
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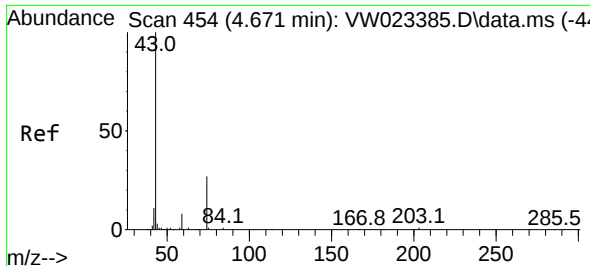
Tgt Ion: 43 Resp: 35142
Ion Ratio Lower Upper
43 100
58 33.4 0.0 64.0



#14
Carbon disulfide
Concen: 21.583 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 76 Resp: 332809
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5

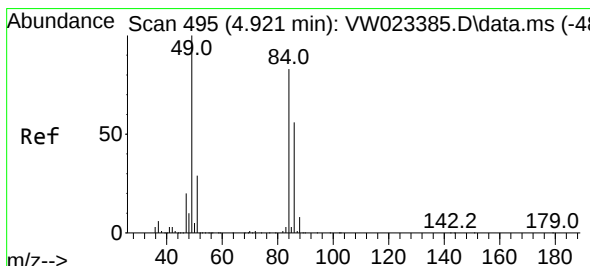
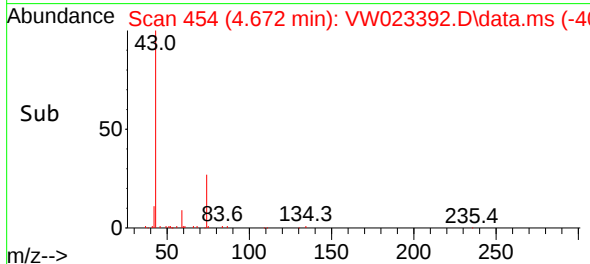
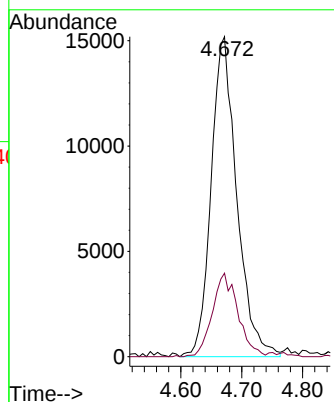
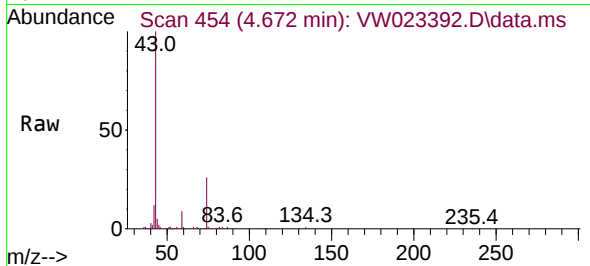




#15
Methyl Acetate
Concen: 22.553 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

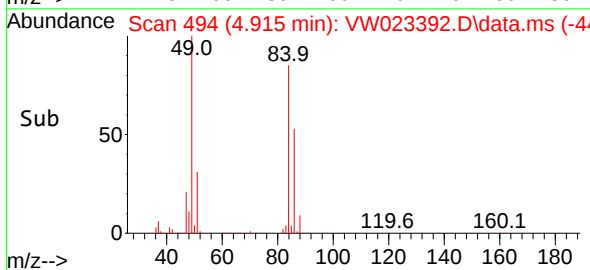
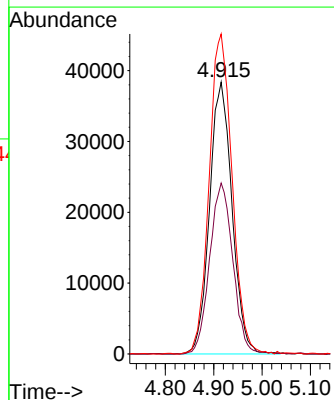
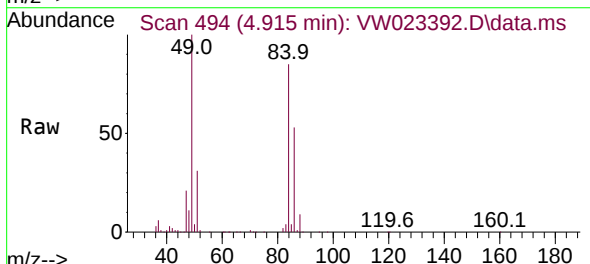
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

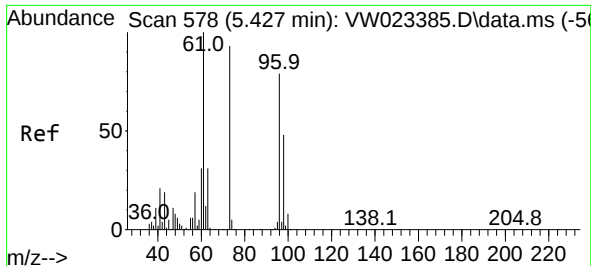
Tgt Ion: 43 Resp: 44491
Ion Ratio Lower Upper
43 100
74 24.6 21.9 32.9



#16
Methylene chloride
Concen: 21.519 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 84 Resp: 124166
Ion Ratio Lower Upper
84 100
86 62.8 45.4 84.4
49 117.7 82.5 153.1

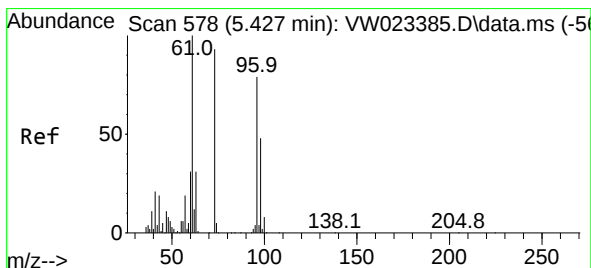
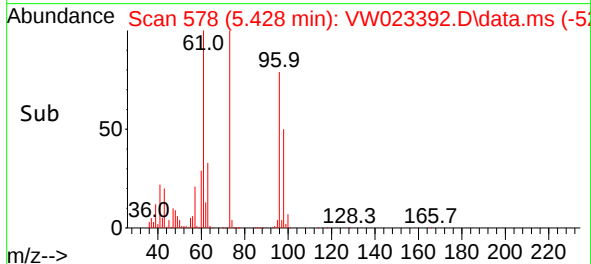
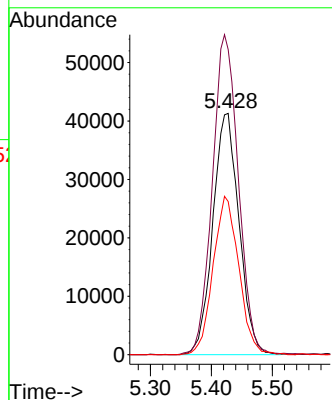
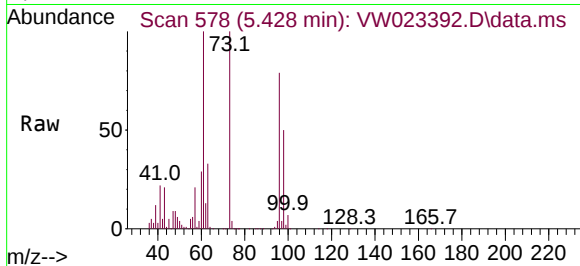




#17
trans-1,2-Dichloroethene
Concen: 22.927 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

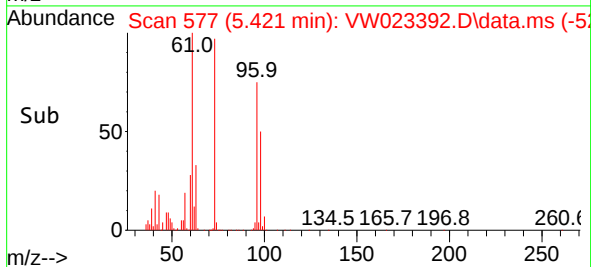
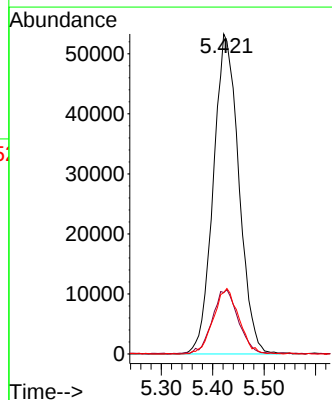
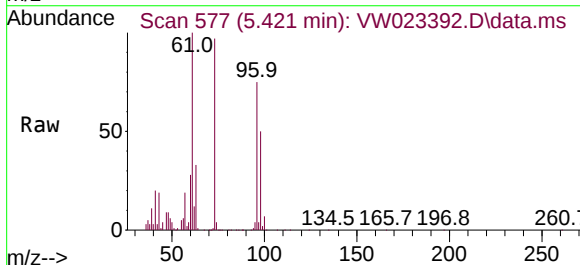
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

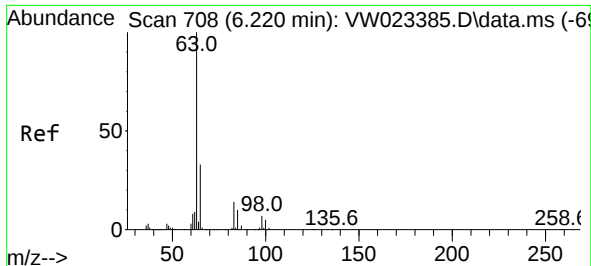
Tgt Ion: 96 Resp: 123475
Ion Ratio Lower Upper
96 100
61 126.5 92.2 171.2
98 63.5 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.163 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 73 Resp: 183645
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 20.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.070 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

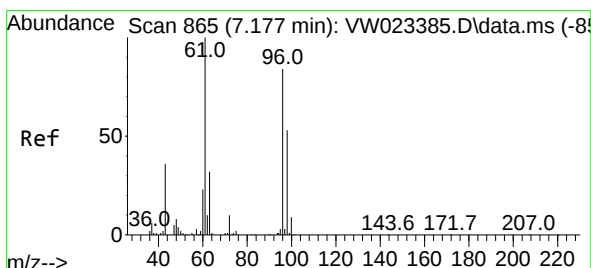
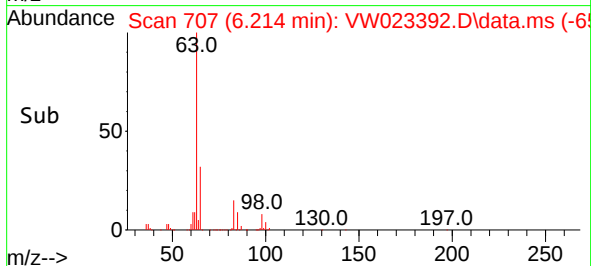
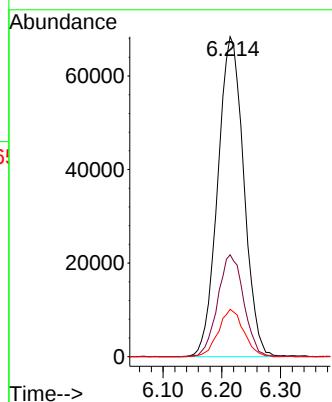
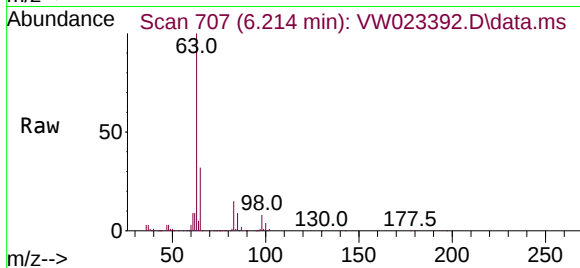
Tgt Ion: 63 Resp: 210465

Ion Ratio Lower Upper

63 100

65 31.8 23.3 43.3

83 14.8 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.180 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.012 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

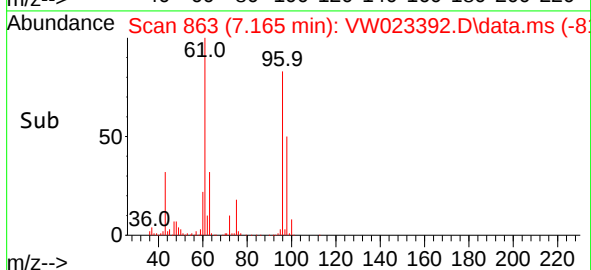
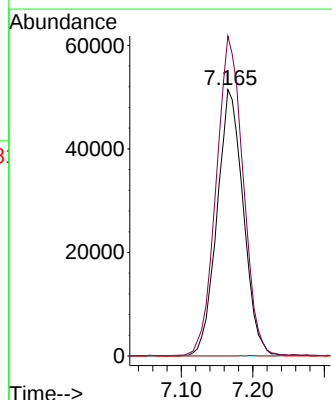
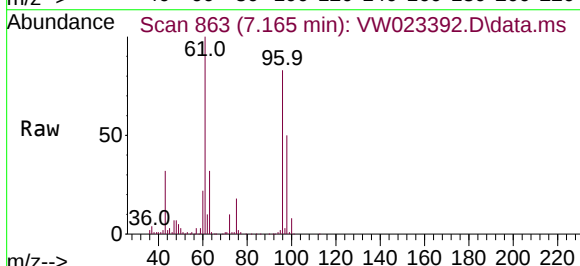
Tgt Ion: 96 Resp: 131095

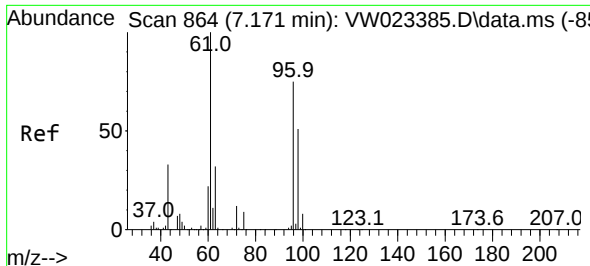
Ion Ratio Lower Upper

96 100

61 120.1 84.2 156.4

68 0.0 0.1 0.1#

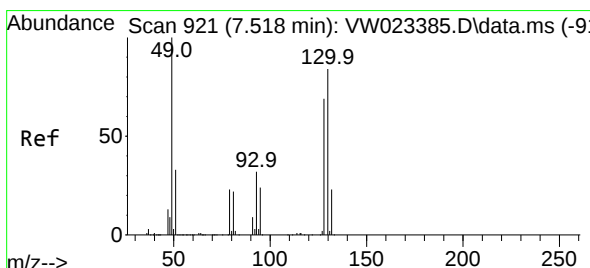
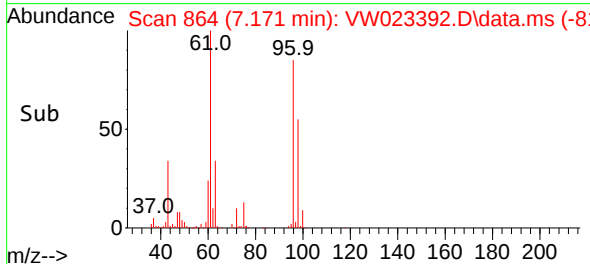
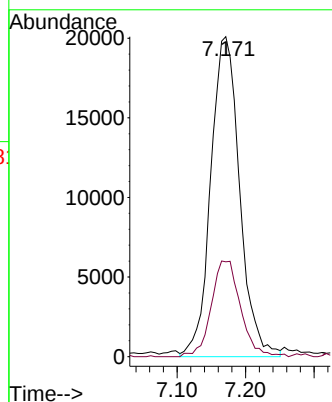
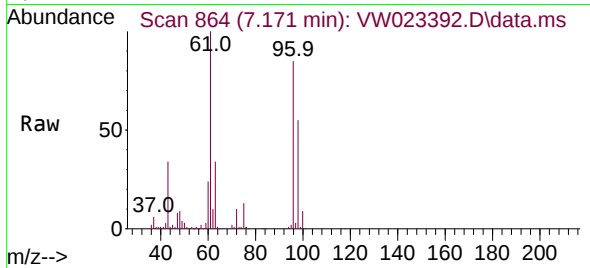




#22
2-Butanone
Concen: 44.115 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

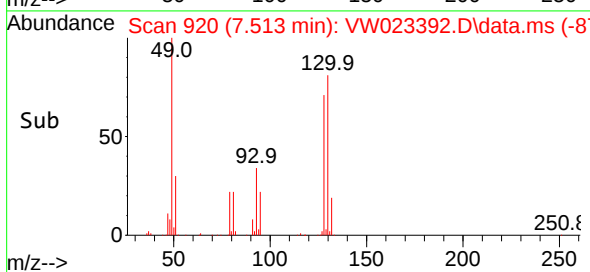
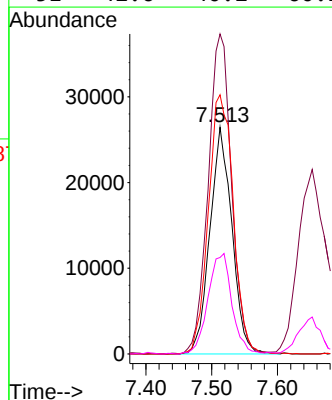
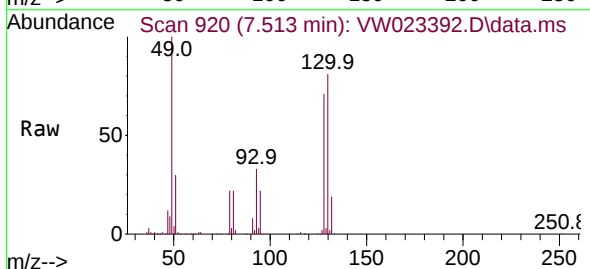
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

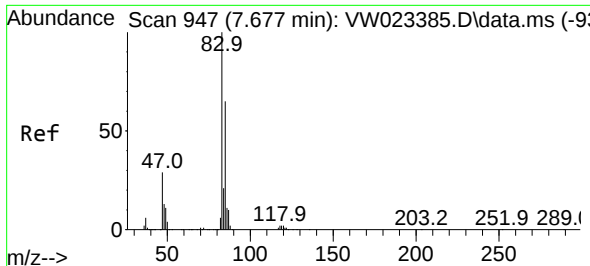
Tgt Ion: 43 Resp: 58901
Ion Ratio Lower Upper
43 100
72 29.6 15.1 45.3



#23
Bromochloromethane
Concen: 23.051 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 128 Resp: 61672
Ion Ratio Lower Upper
128 100
49 141.2 110.0 204.4
130 114.4 94.8 176.0
51 42.6 40.2 60.2

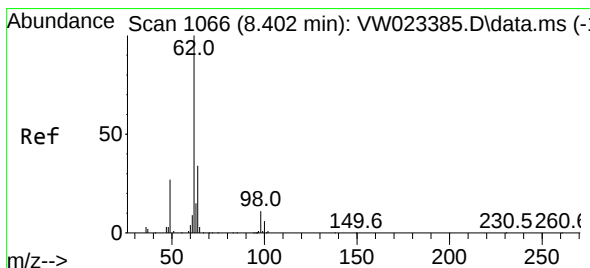
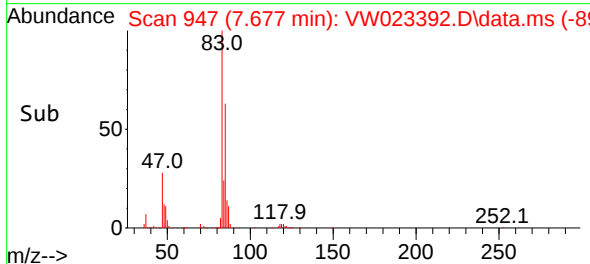
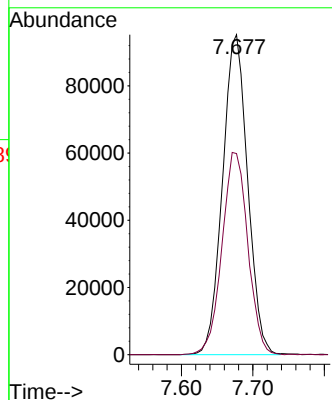
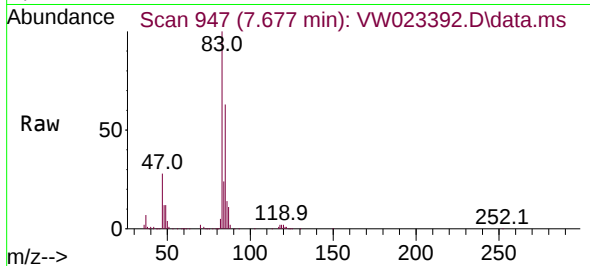




#25
Chloroform
Concen: 23.241 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

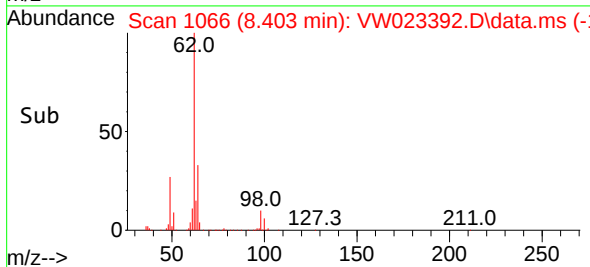
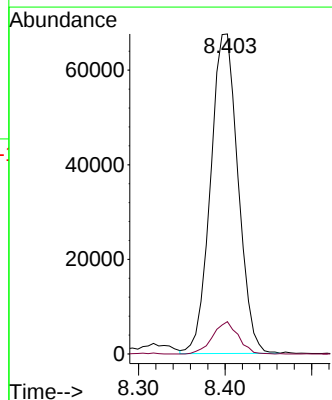
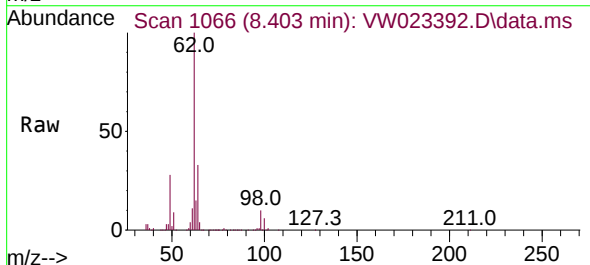
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

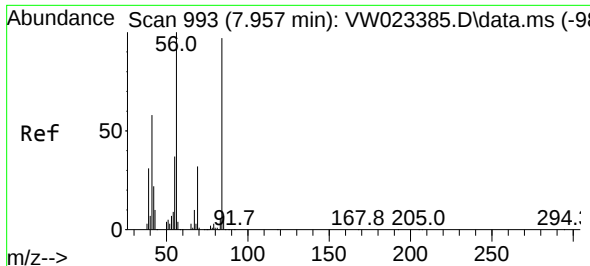
Tgt Ion: 83 Resp: 232058
Ion Ratio Lower Upper
83 100
85 62.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.213 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 62 Resp: 149226
Ion Ratio Lower Upper
62 100
98 10.4 7.2 10.8

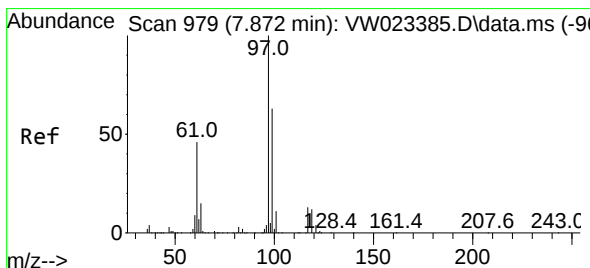
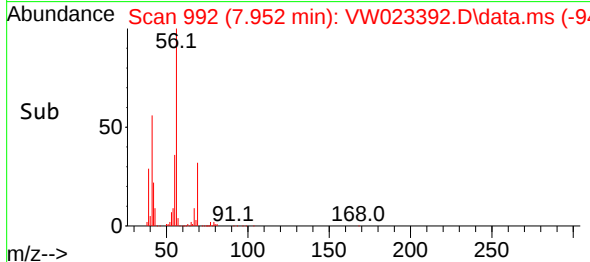
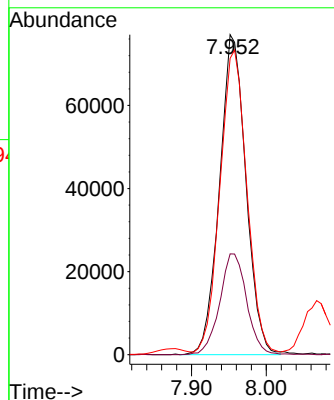
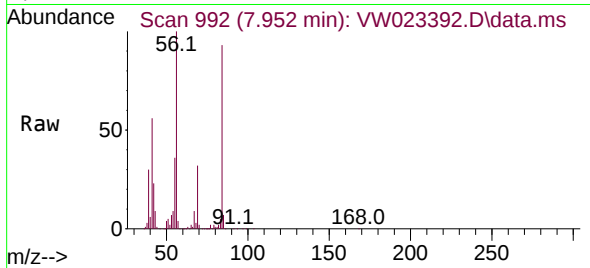




#29
Cyclohexane
Concen: 23.479 ug/L
RT: 7.952 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

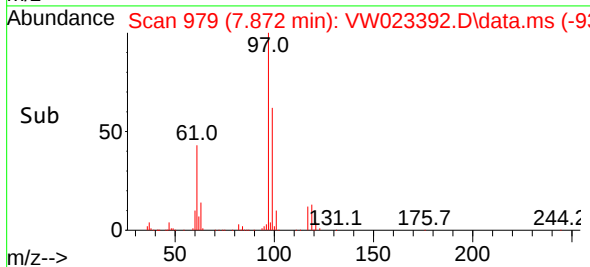
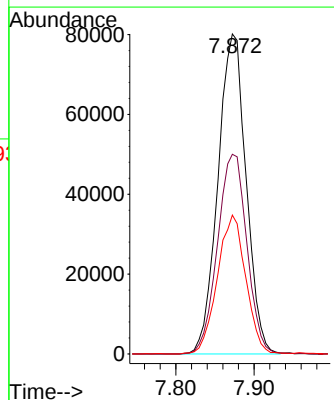
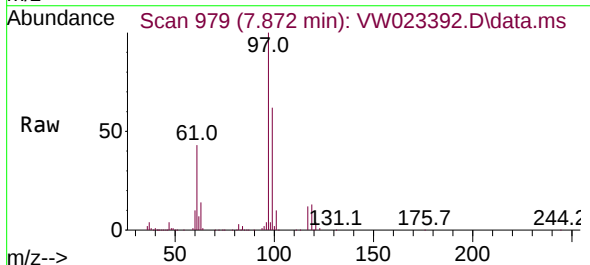
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

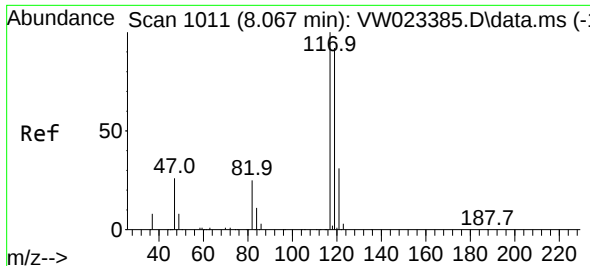
Tgt Ion: 56 Resp: 188837
Ion Ratio Lower Upper
56 100
69 32.1 25.6 38.4
84 97.4 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 23.016 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 97 Resp: 200577
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 43.6 34.8 52.2

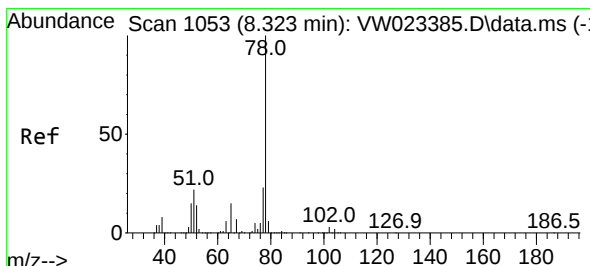
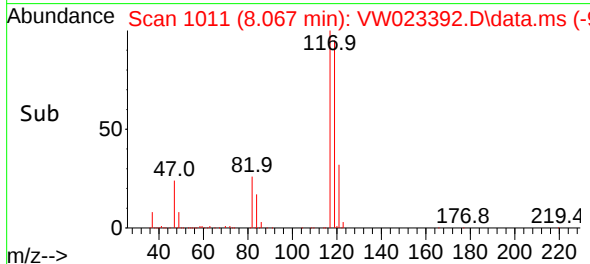
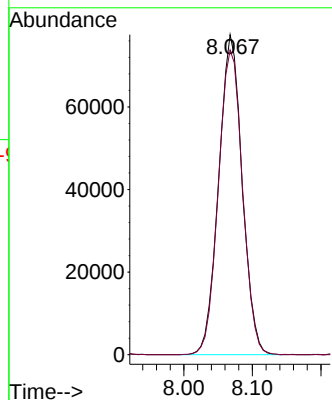
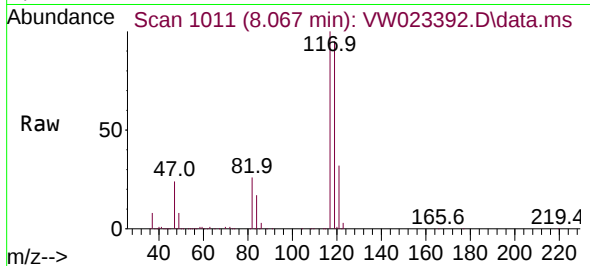




#31
Carbon tetrachloride
Concen: 22.468 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

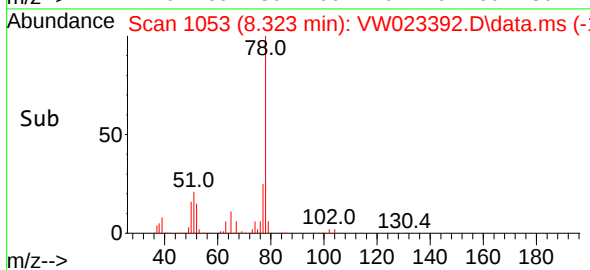
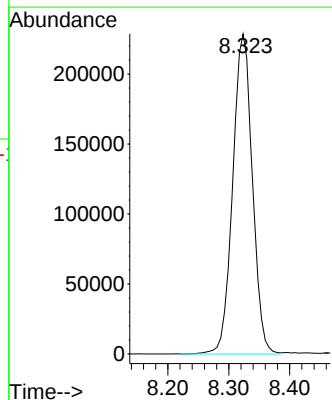
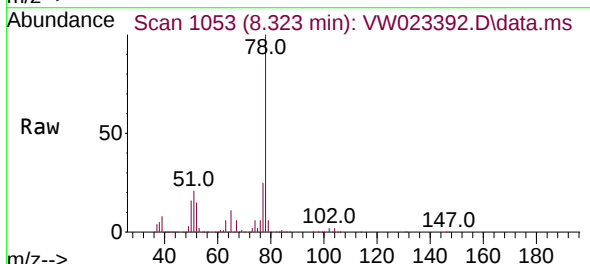
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

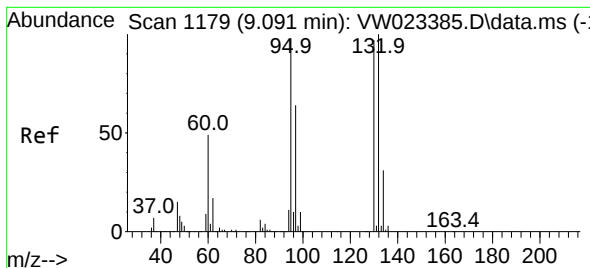
Tgt Ion:117 Resp: 184153
Ion Ratio Lower Upper
117 100
119 97.7 76.6 115.0



#33
Benzene
Concen: 23.719 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 78 Resp: 511629





#34

Trichloroethene

Concen: 23.038 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

Tgt Ion: 95 Resp: 134585

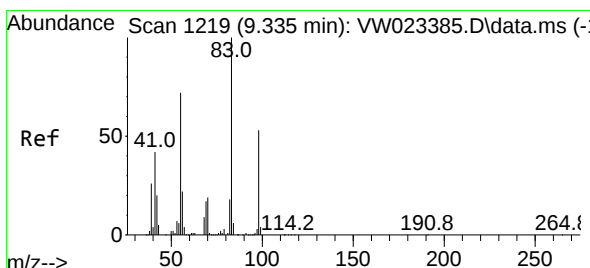
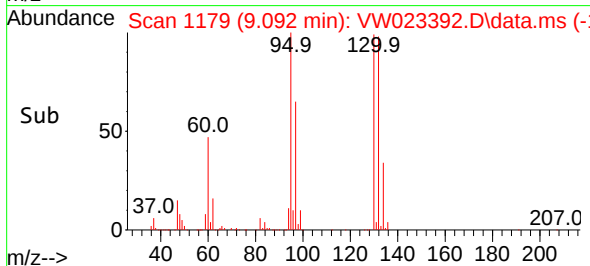
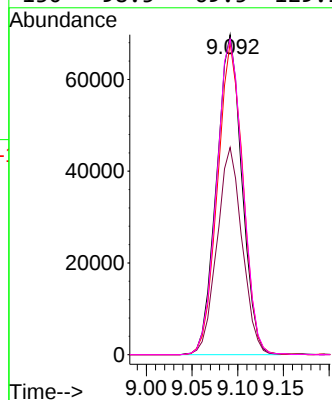
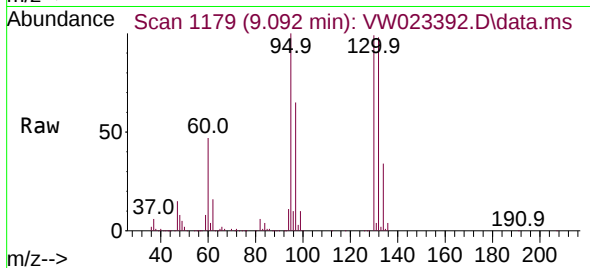
Ion Ratio Lower Upper

95 100

97 64.7 46.1 85.7

132 97.5 66.9 124.3

130 98.5 69.5 129.1



#35

Methylcyclohexane

Concen: 23.927 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

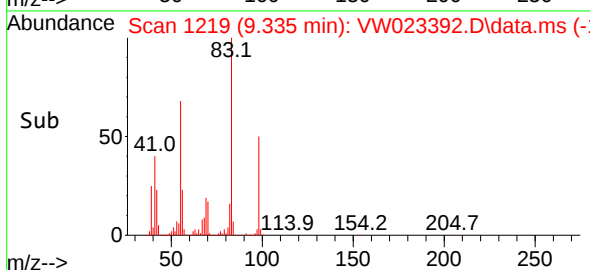
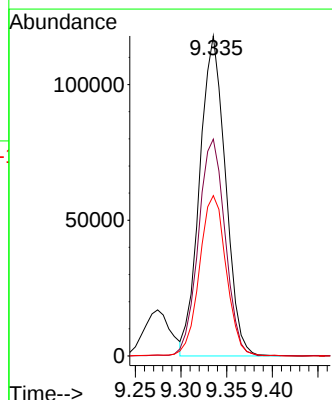
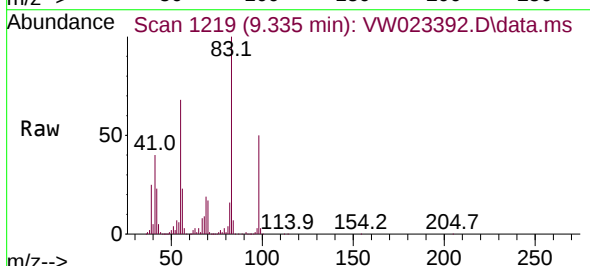
Tgt Ion: 83 Resp: 231571

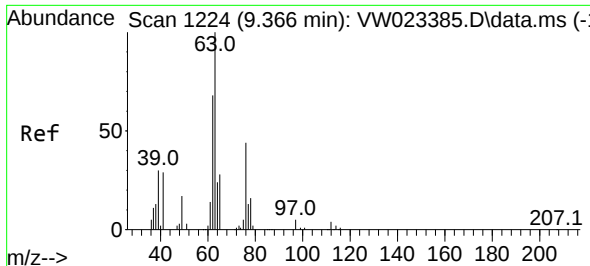
Ion Ratio Lower Upper

83 100

55 70.1 55.1 82.7

98 51.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.603 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

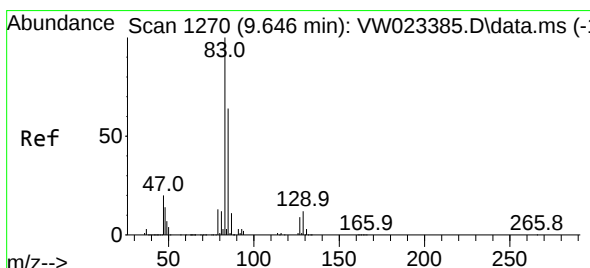
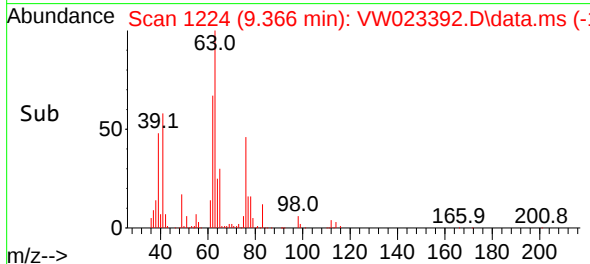
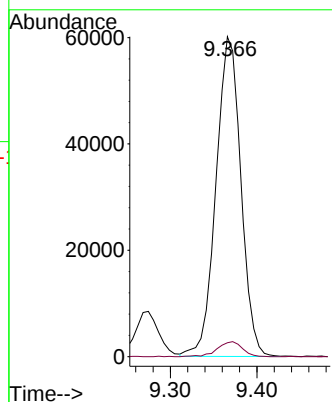
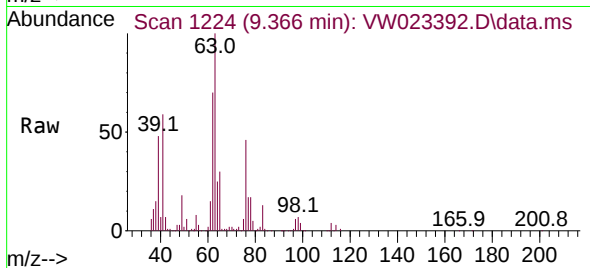
VSTD025561

Tgt Ion: 63 Resp: 119947

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 23.560 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

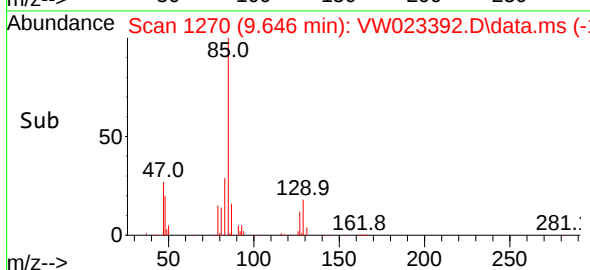
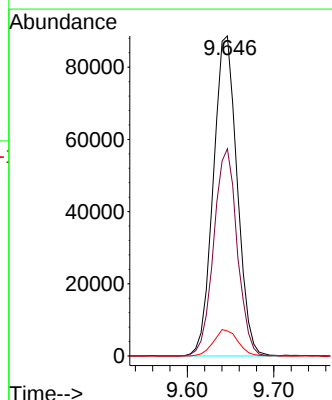
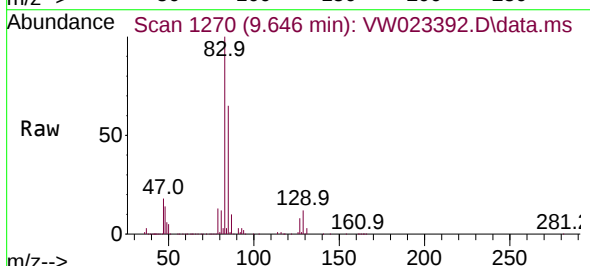
Tgt Ion: 83 Resp: 169471

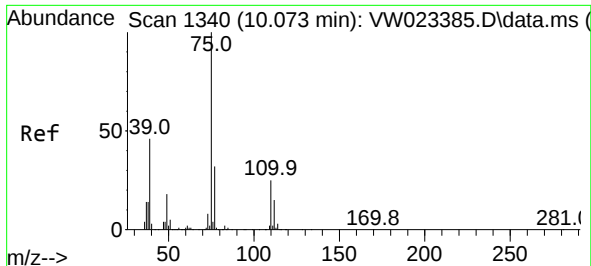
Ion Ratio Lower Upper

83 100

85 64.7 43.5 80.7

127 7.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.744 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

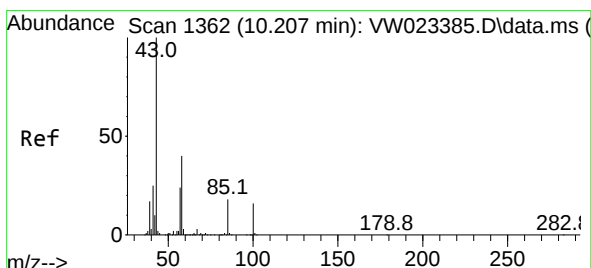
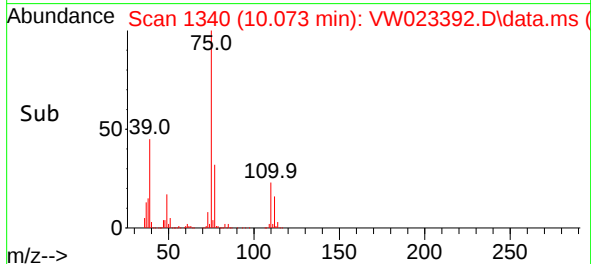
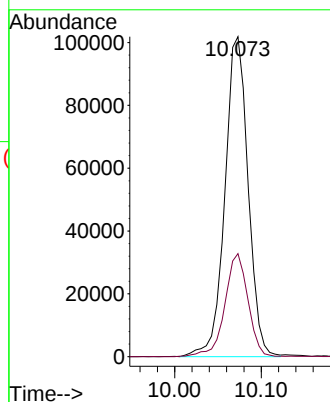
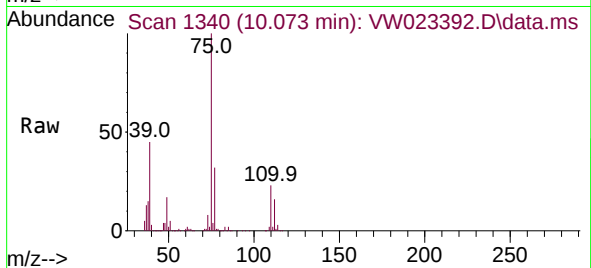
VSTD025561

Tgt Ion: 75 Resp: 189527

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 45.974 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

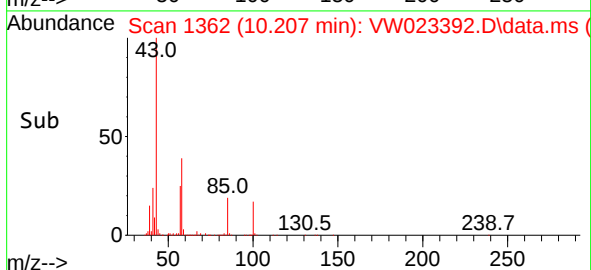
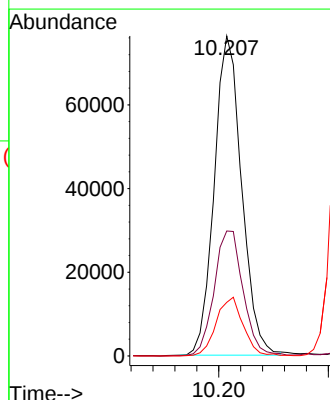
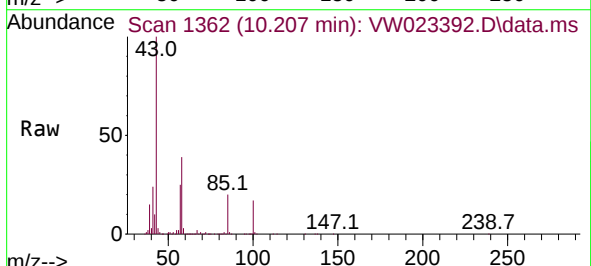
Tgt Ion: 43 Resp: 132375

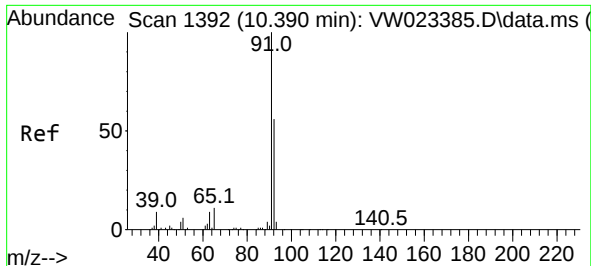
Ion Ratio Lower Upper

43 100

58 41.5 31.4 47.2

100 18.3 14.2 21.4

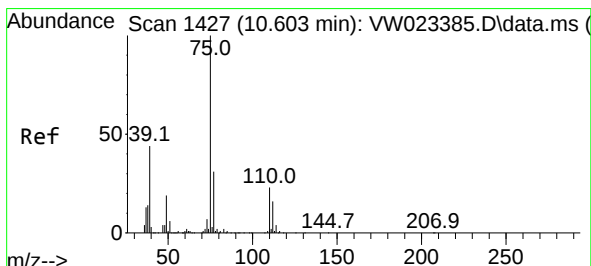
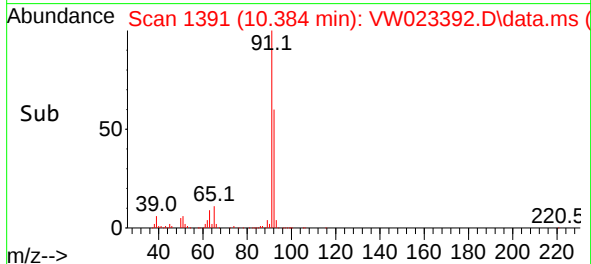
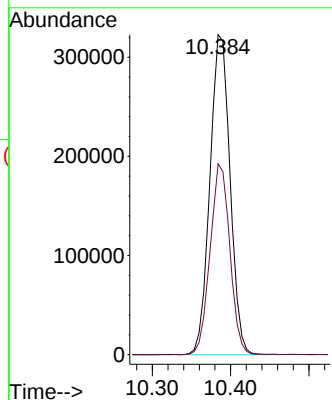
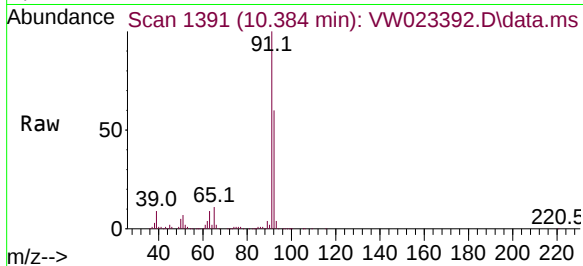




#42
Toluene
Concen: 24.038 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

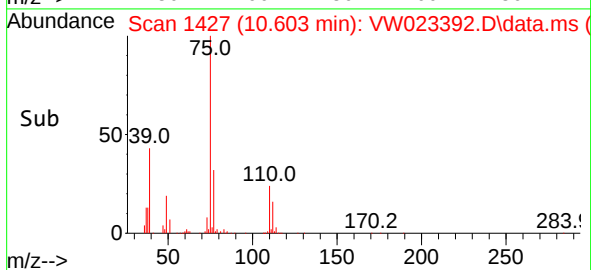
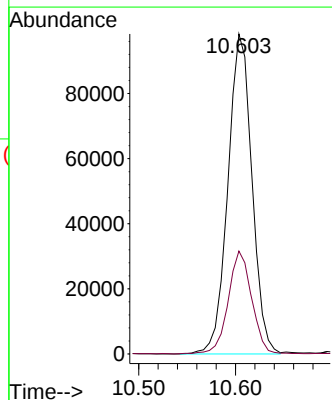
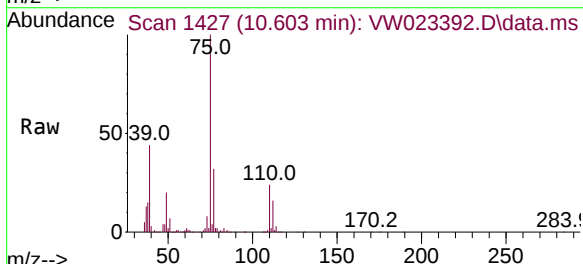
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

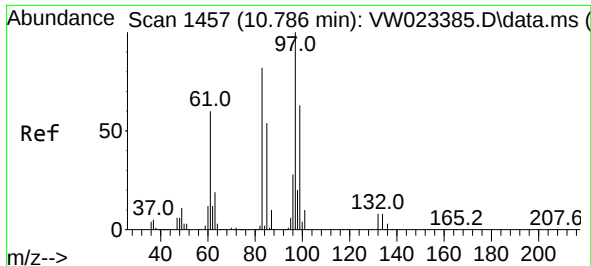
Tgt Ion: 91 Resp: 576026
Ion Ratio Lower Upper
91 100
92 59.7 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.781 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 75 Resp: 169854
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8

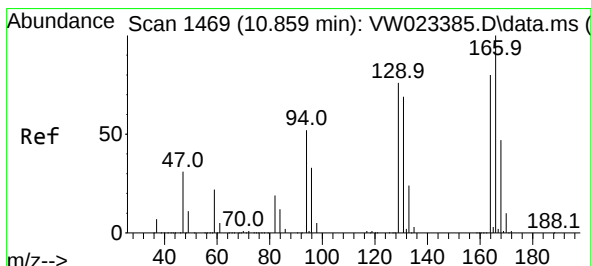
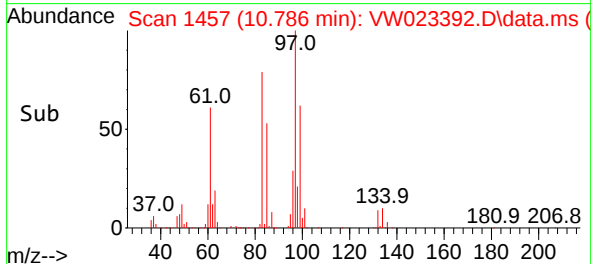
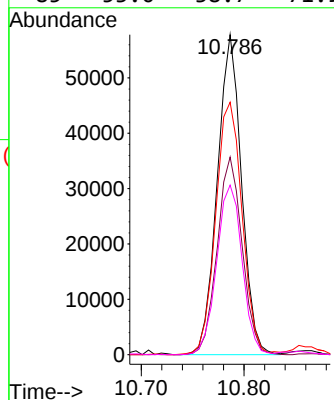
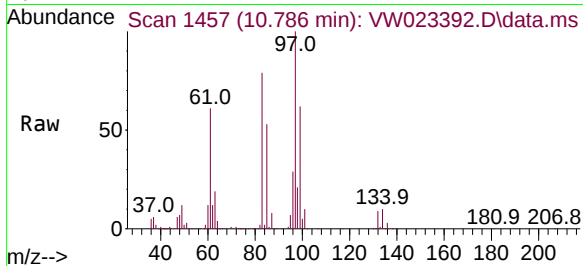




#45
1,1,2-Trichloroethane
Concen: 22.739 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

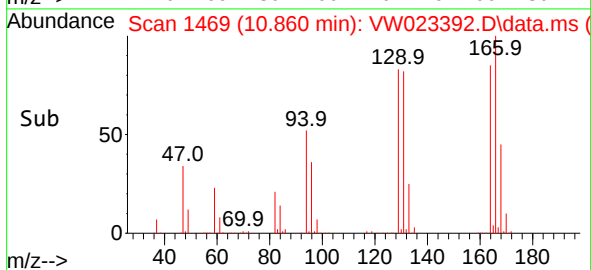
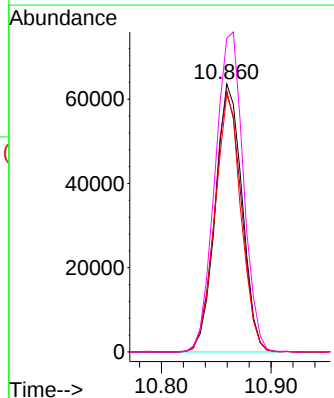
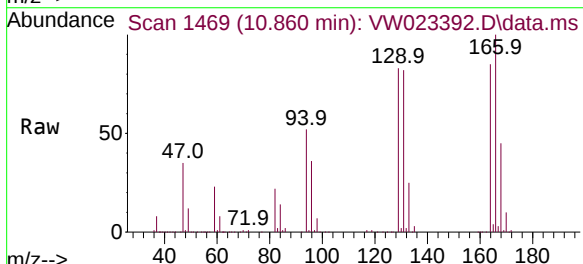
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

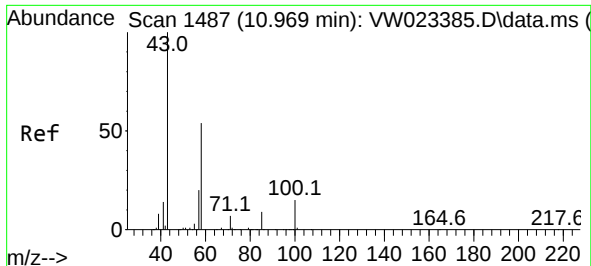
Tgt Ion: 97	Resp: 94610
Ion Ratio	Lower Upper
97 100	
99 61.7	44.7 82.9
83 78.9	58.4 108.4
85 53.0	38.7 71.9



#46
Tetrachloroethene
Concen: 23.045 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt	Ion:164	Resp:	107803
Ion	Ratio	Lower	Upper
164	100		
129	97.4	76.9	142.7
131	96.1	75.1	139.5
166	117.0	96.0	178.2

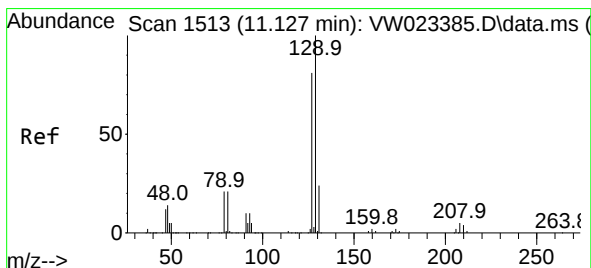
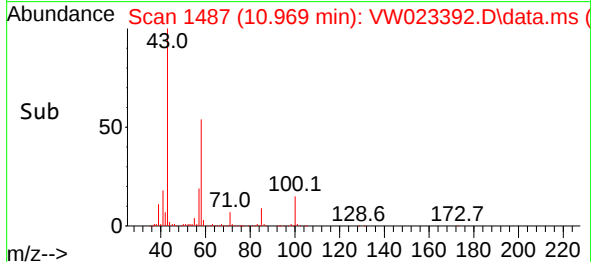
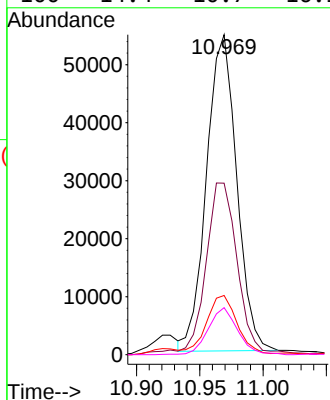
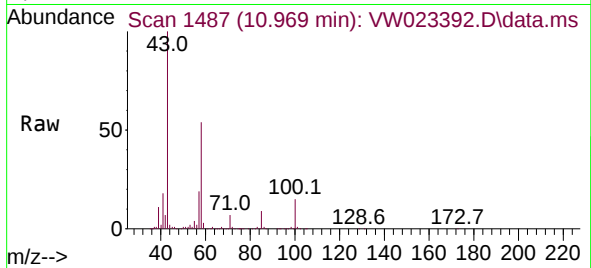




#48
2-Hexanone
Concen: 47.036 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

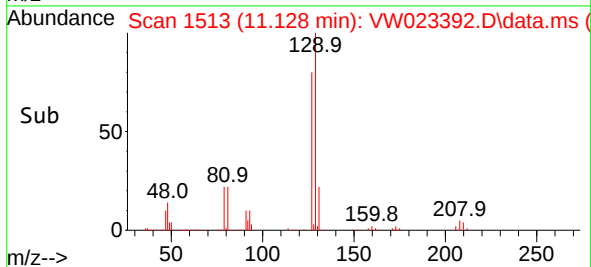
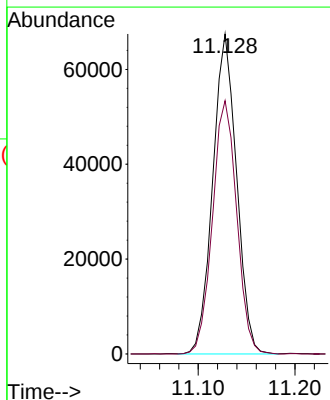
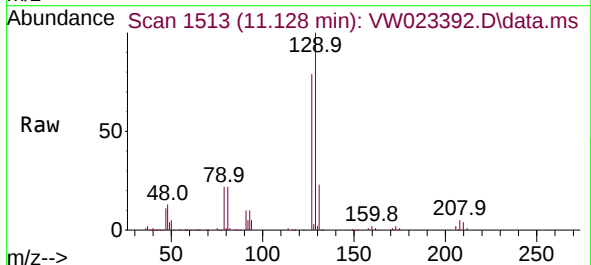
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

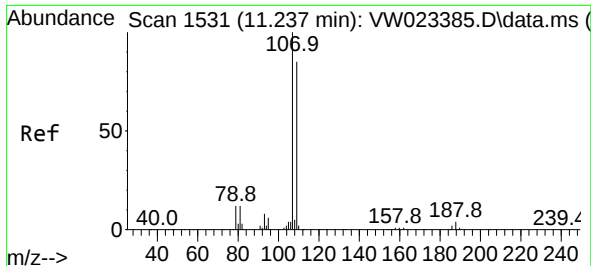
Tgt Ion: 43 Resp: 90541
Ion Ratio Lower Upper
43 100
58 55.3 45.9 68.9
57 19.3 16.2 24.2
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 22.635 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion: 129 Resp: 115566
Ion Ratio Lower Upper
129 100
127 79.2 53.8 100.0

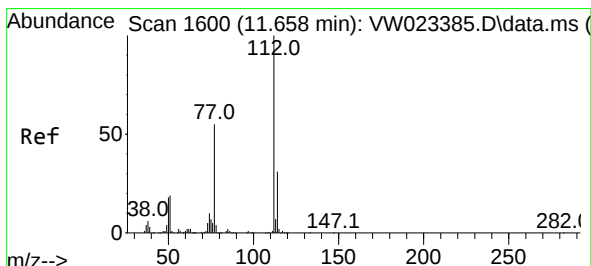
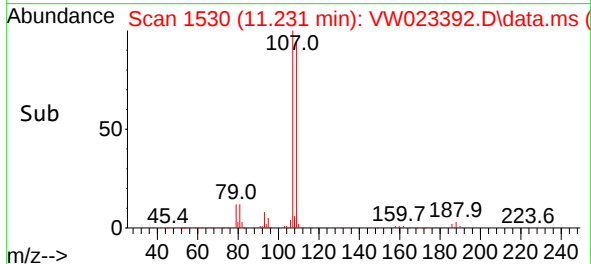
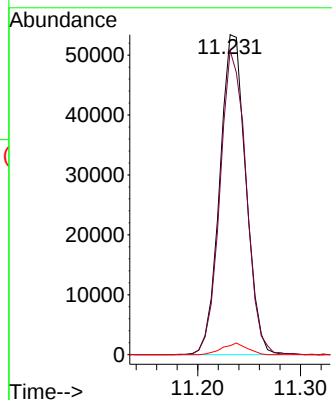
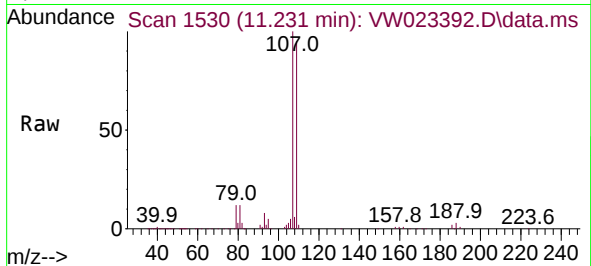




#50
1,2-Dibromoethane
Concen: 23.231 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

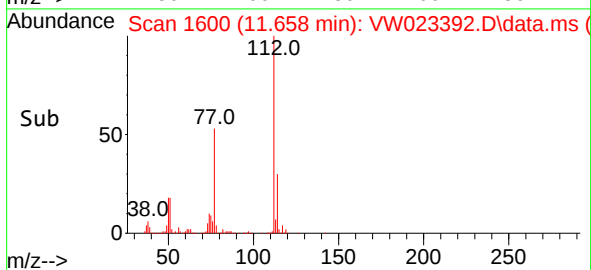
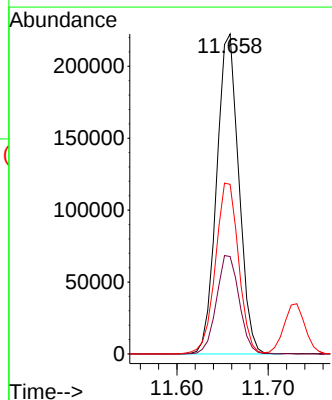
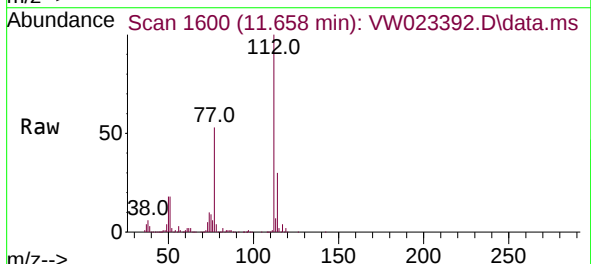
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

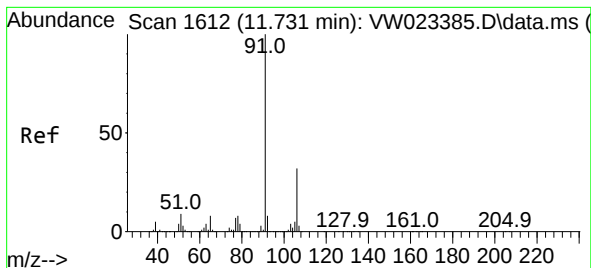
Tgt Ion:107 Resp: 94224
Ion Ratio Lower Upper
107 100
109 95.0 67.5 125.4
188 2.8 2.9 4.3#



#51
Chlorobenzene
Concen: 23.685 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion:112 Resp: 374765
Ion Ratio Lower Upper
112 100
114 30.4 22.0 41.0
77 53.0 42.6 63.8

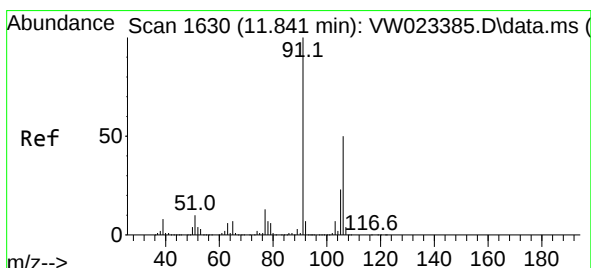
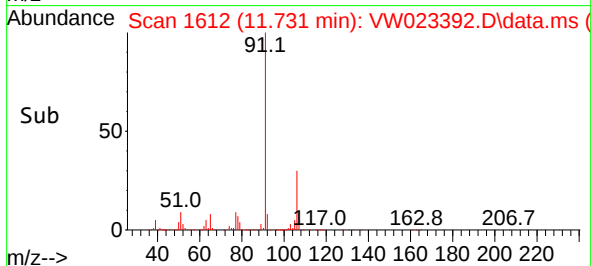
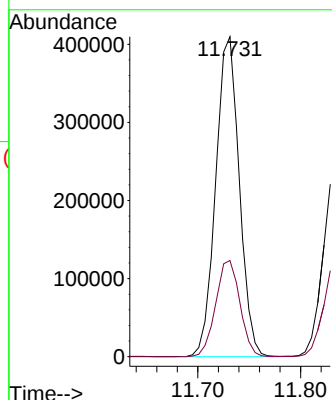
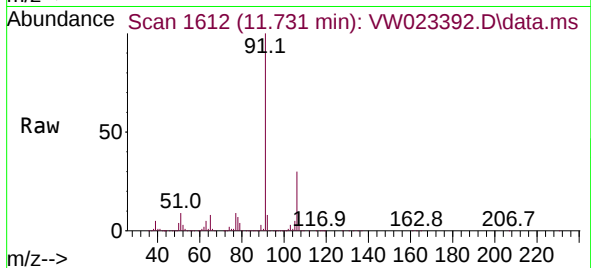




#52
Ethylbenzene
Concen: 24.763 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

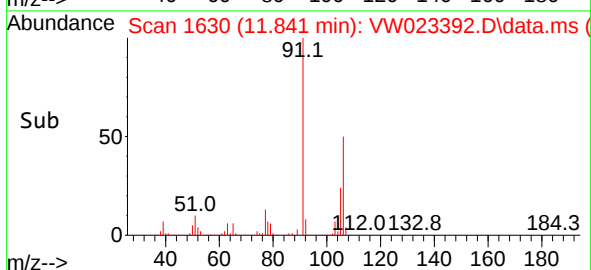
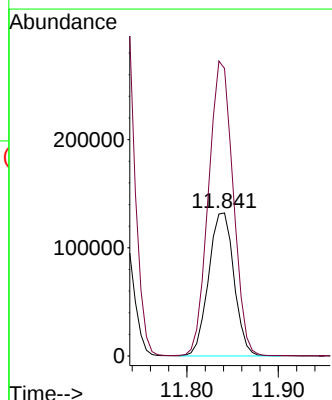
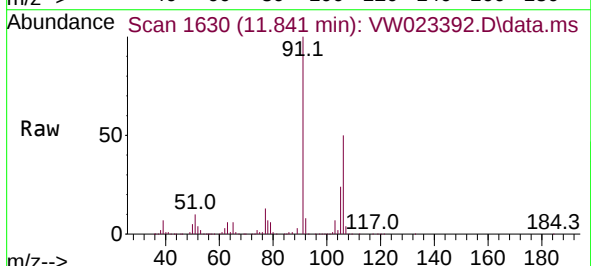
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

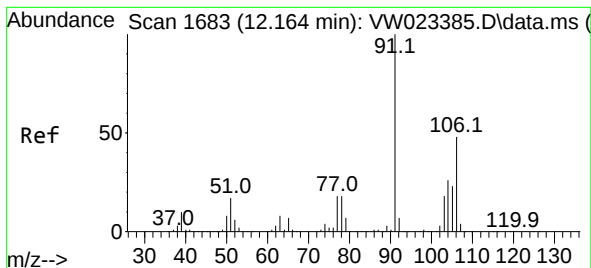
Tgt Ion: 91 Resp: 651651
Ion Ratio Lower Upper
91 100
106 30.0 22.3 41.3



#53
m,p-Xylene
Concen: 24.497 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion:106 Resp: 255279
Ion Ratio Lower Upper
106 100
91 200.9 136.8 254.0





#54

o-Xylene

Concen: 24.494 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

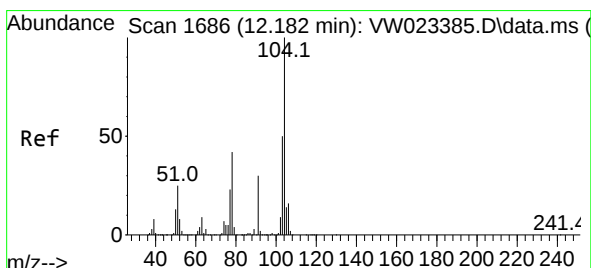
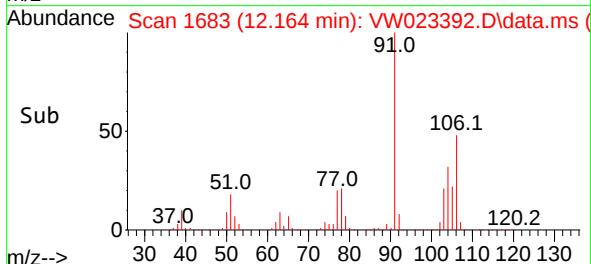
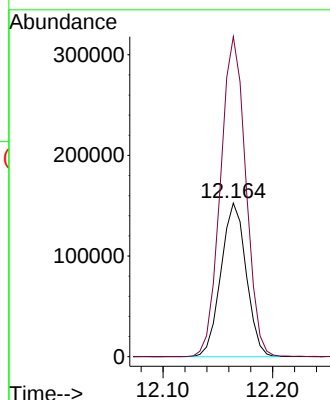
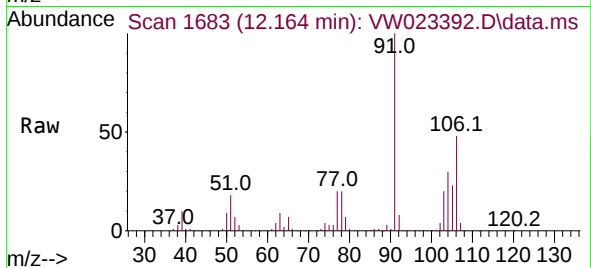
VSTD025561

Tgt Ion:106 Resp: 244201

Ion Ratio Lower Upper

106 100

91 208.4 147.2 273.4



#55

Styrene

Concen: 24.829 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023392.D

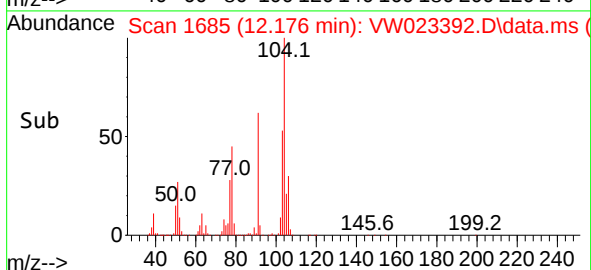
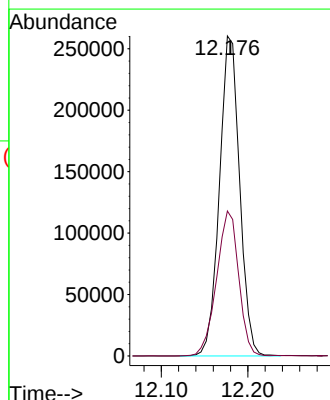
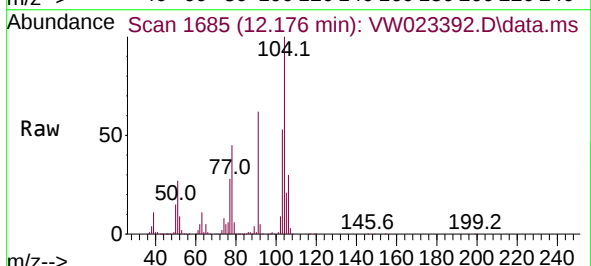
Acq: 03 Jun 2022 14:58

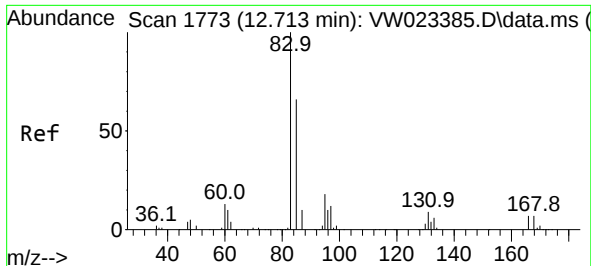
Tgt Ion:104 Resp: 421880

Ion Ratio Lower Upper

104 100

78 45.3 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.232 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

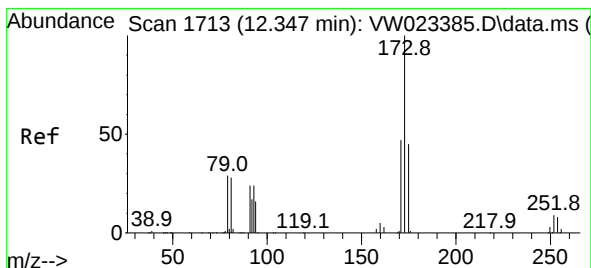
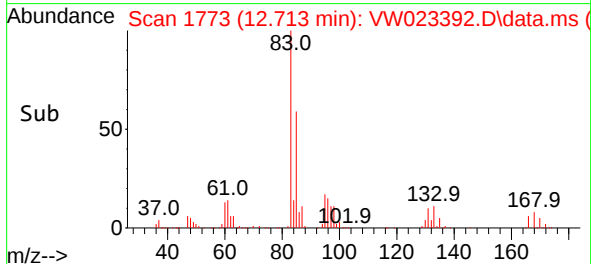
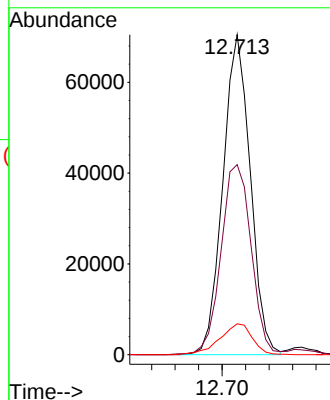
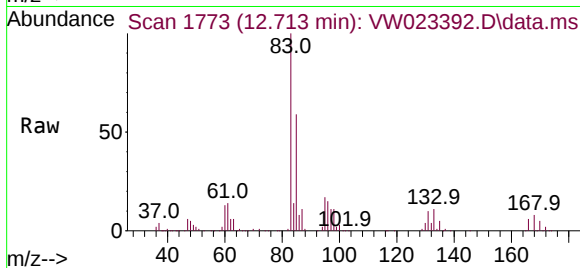
Tgt Ion: 83 Resp: 114167

Ion Ratio Lower Upper

83 100

85 59.4 47.5 88.1

131 9.7 8.7 13.1



#59

Bromoform

Concen: 21.332 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

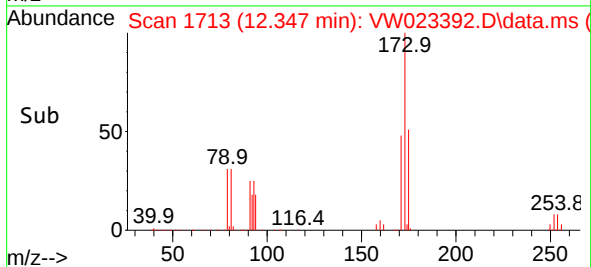
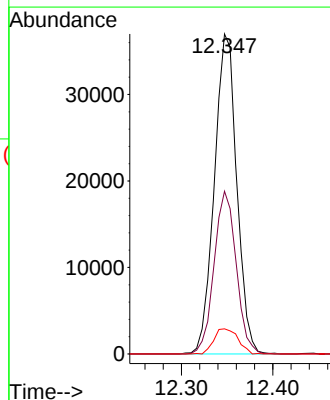
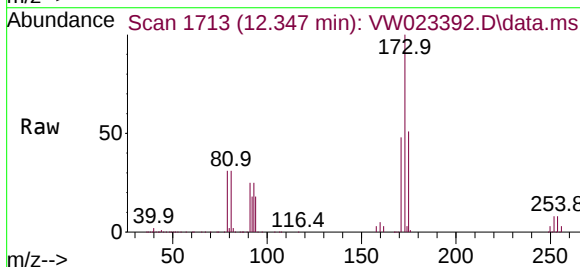
Tgt Ion: 173 Resp: 63024

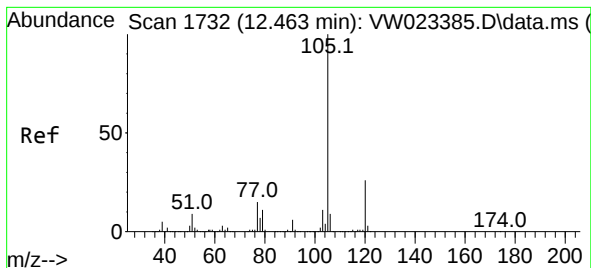
Ion Ratio Lower Upper

173 100

175 50.2 38.1 57.1

254 8.4 6.5 9.7





#60

Isopropylbenzene

Concen: 24.098 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

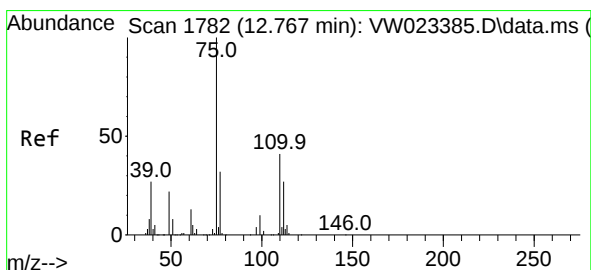
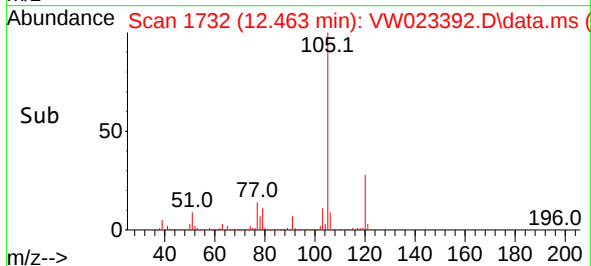
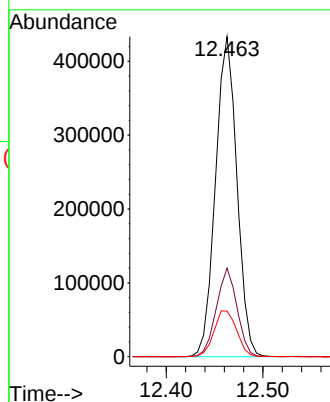
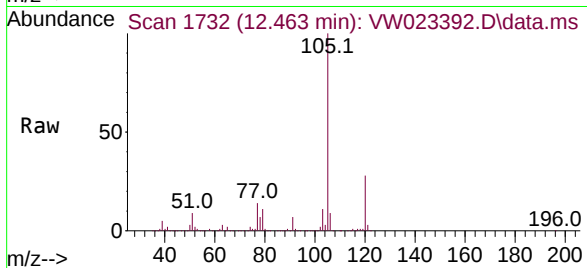
Tgt Ion:105 Resp: 665173

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 22.326 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

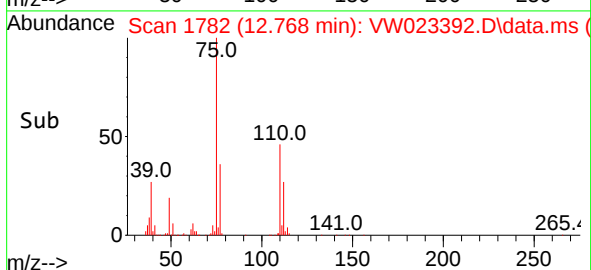
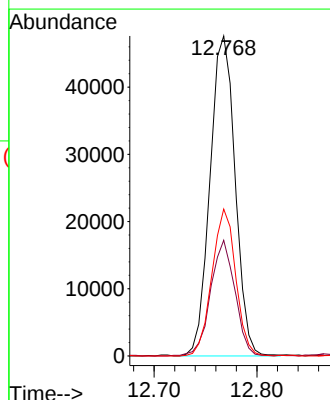
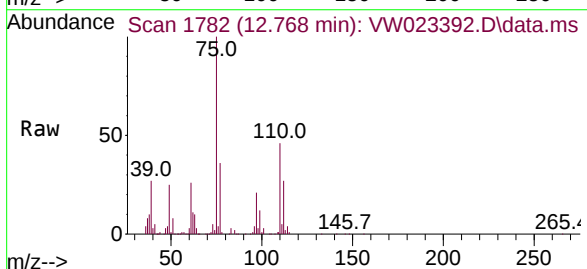
Tgt Ion: 75 Resp: 80768

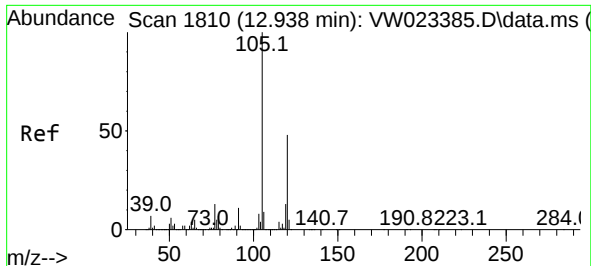
Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2

110 43.4 34.1 51.1

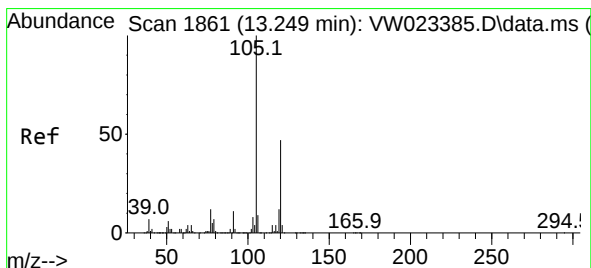
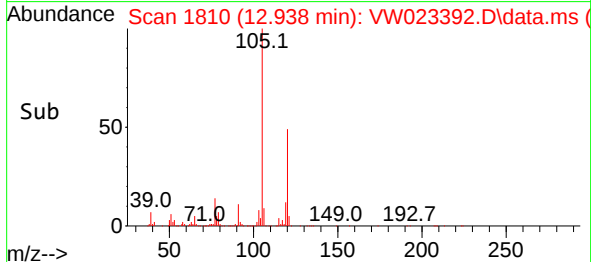
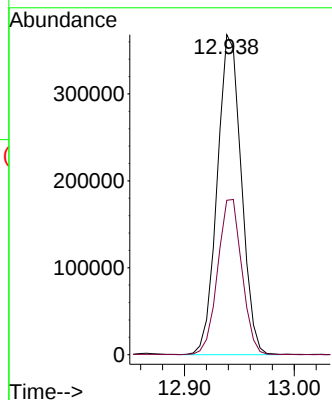
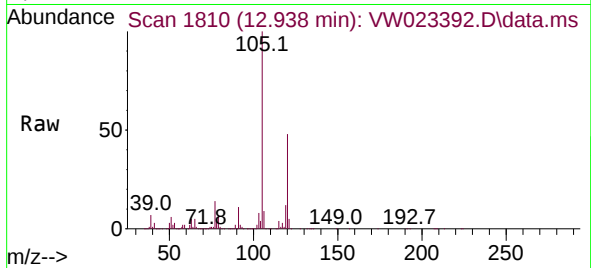




#62
1,3,5-Trimethylbenzene
Concen: 24.862 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

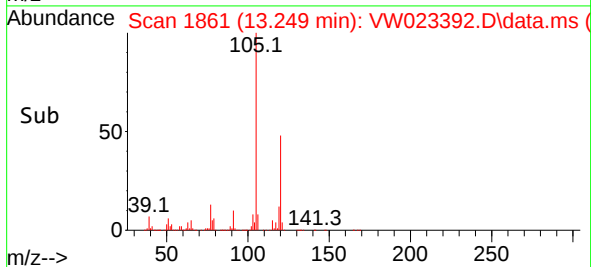
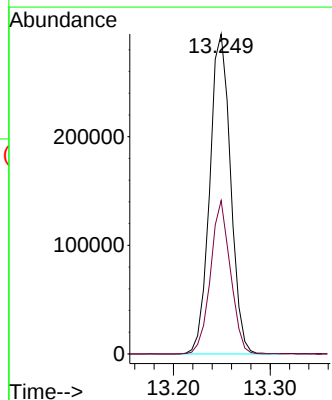
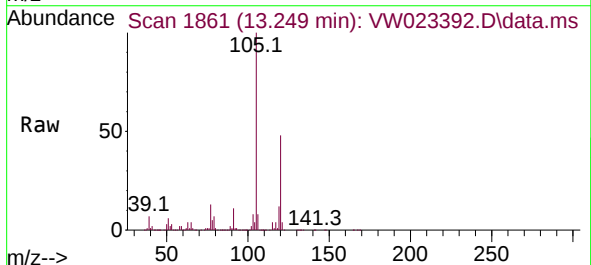
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

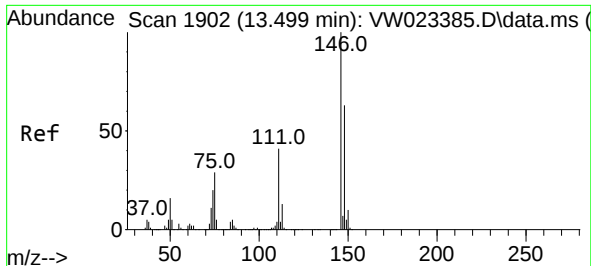
Tgt Ion:105 Resp: 562282
Ion Ratio Lower Upper
105 100
120 48.8 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 25.153 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion:105 Resp: 441628
Ion Ratio Lower Upper
105 100
120 45.8 37.4 56.2

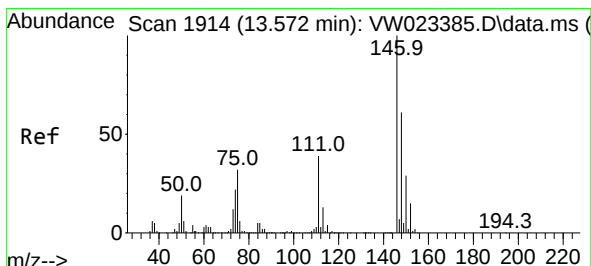
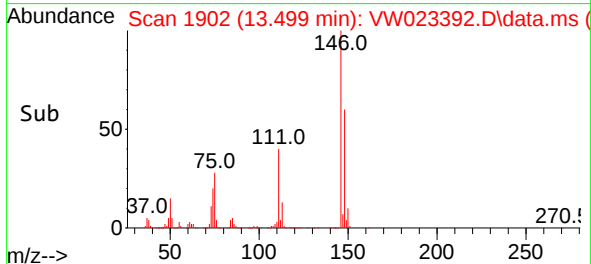
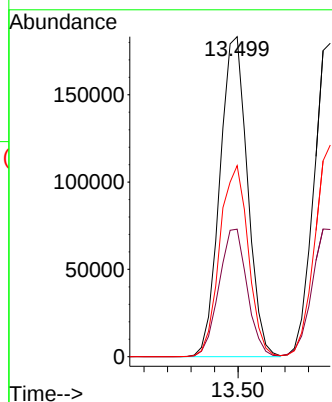
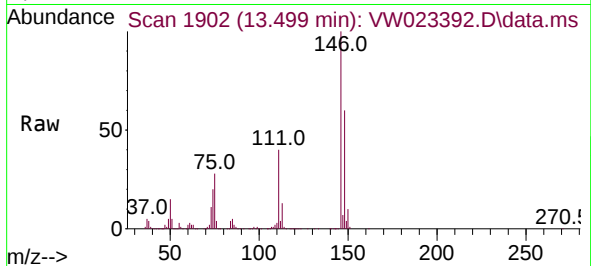




#64
1,3-Dichlorobenzene
Concen: 23.870 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

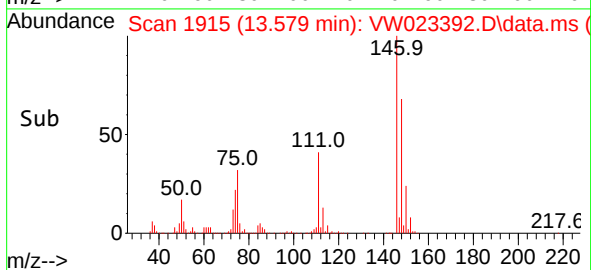
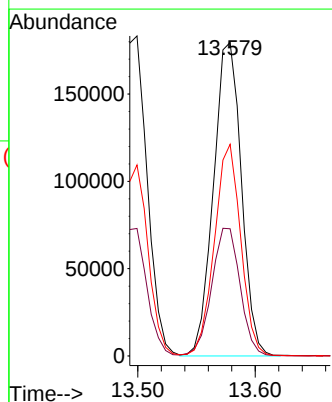
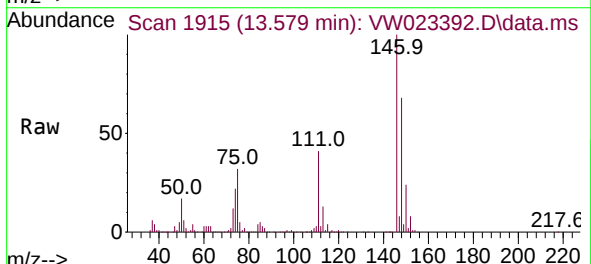
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

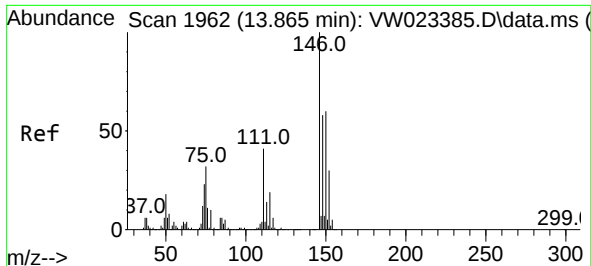
Tgt Ion:146 Resp: 299540
Ion Ratio Lower Upper
146 100
111 39.9 29.5 54.9
148 59.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 23.107 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion:146 Resp: 296406
Ion Ratio Lower Upper
146 100
111 40.6 27.2 50.4
148 67.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.293 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

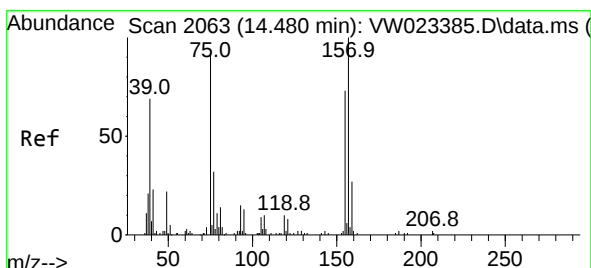
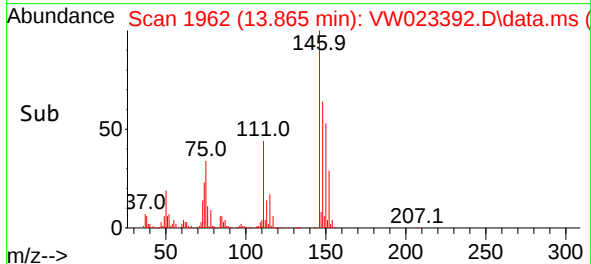
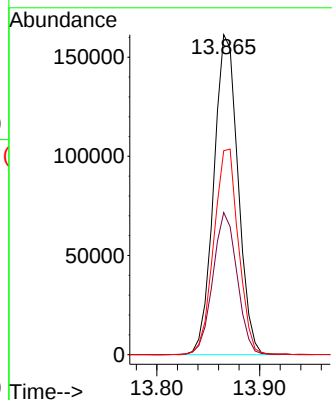
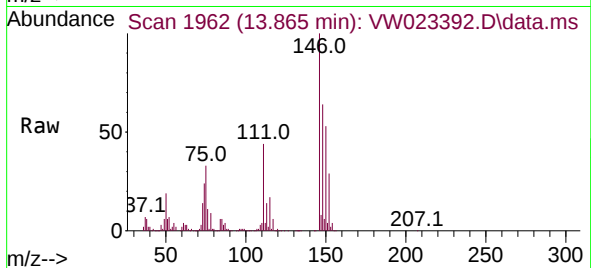
Tgt Ion:146 Resp: 264198

Ion Ratio Lower Upper

146 100

111 44.4 35.7 53.5

148 63.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.010 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

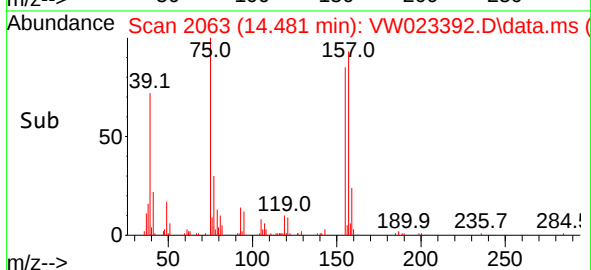
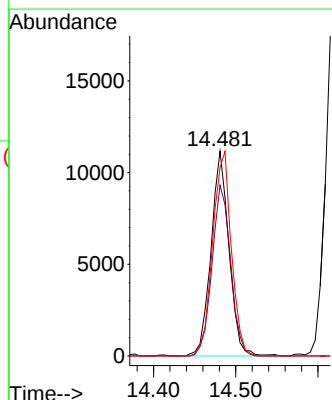
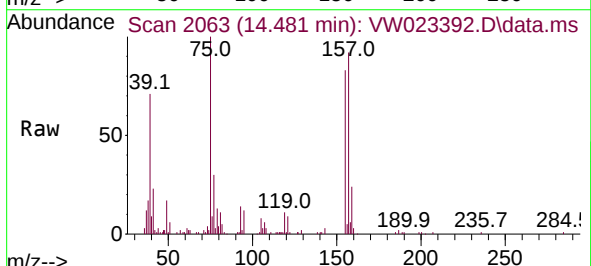
Tgt Ion: 75 Resp: 16930

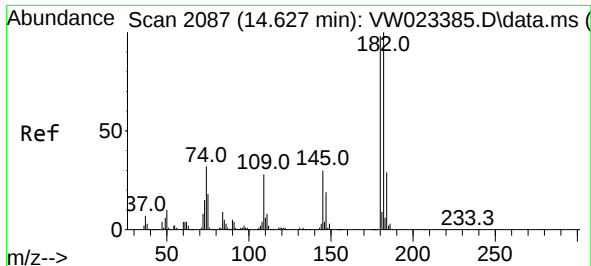
Ion Ratio Lower Upper

75 100

155 83.4 59.3 88.9

157 91.9 89.8 134.8

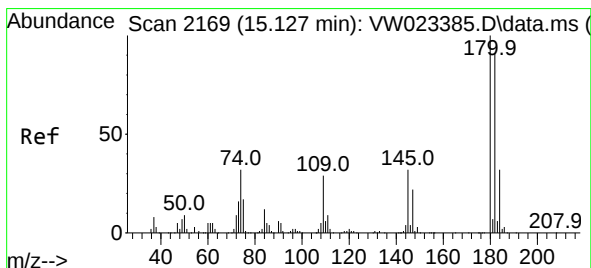
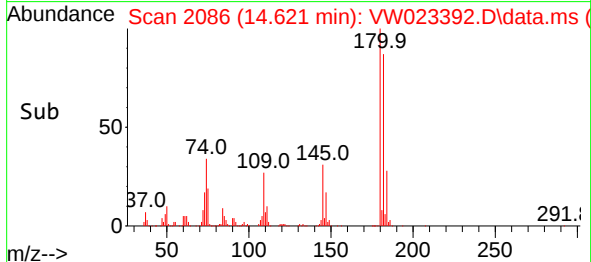
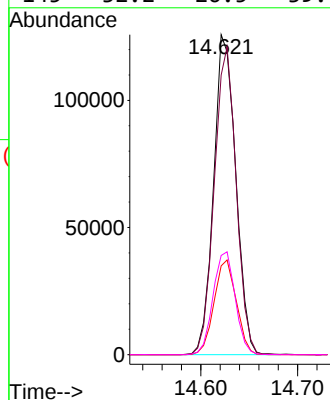
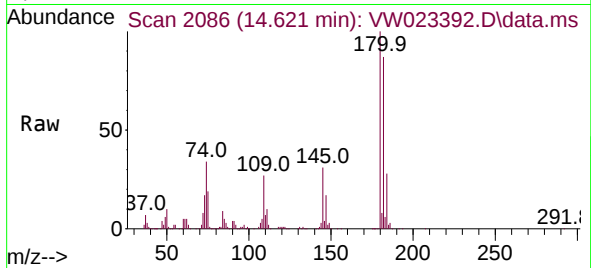




#69
1,3,5-Trichlorobenzene
Concen: 24.118 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

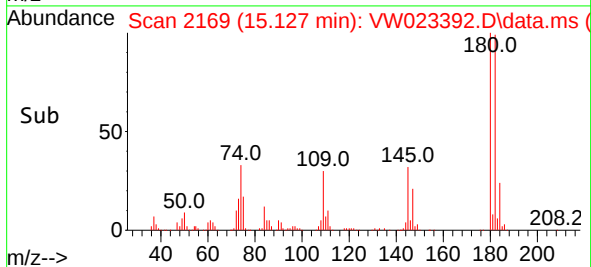
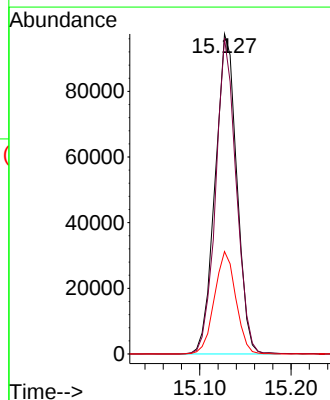
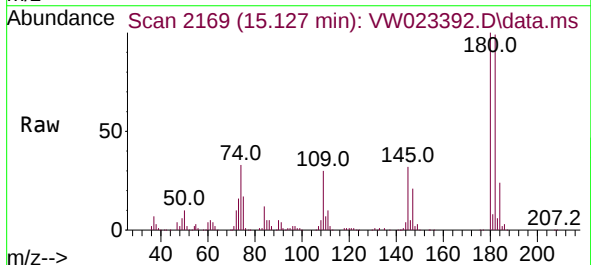
Instrument :
MSVOA_W
ClientSampleId :
VSTD025561

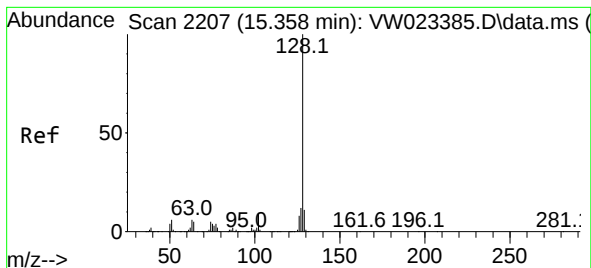
Tgt Ion:180 Resp: 199875
Ion Ratio Lower Upper
180 100
182 95.0 74.8 112.2
184 29.8 23.4 35.2
145 32.2 26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 24.335 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023392.D
Acq: 03 Jun 2022 14:58

Tgt Ion:180 Resp: 160236
Ion Ratio Lower Upper
180 100
182 93.8 74.9 112.3
145 31.6 26.6 39.8





#71

Naphthalene

Concen: 25.242 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Instrument :

MSVOA_W

ClientSampleId :

VSTD025561

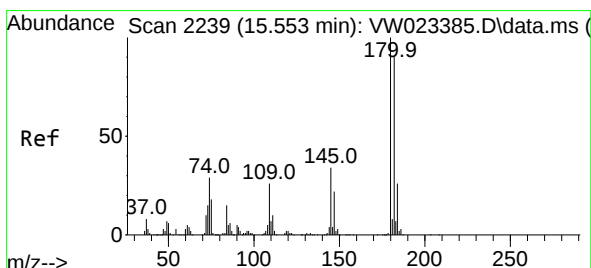
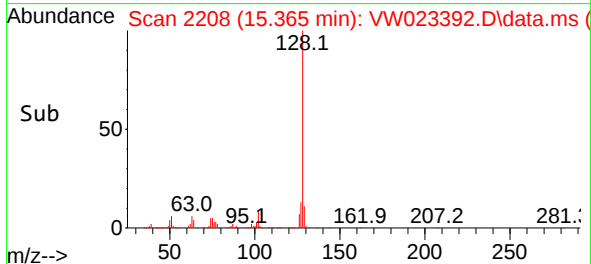
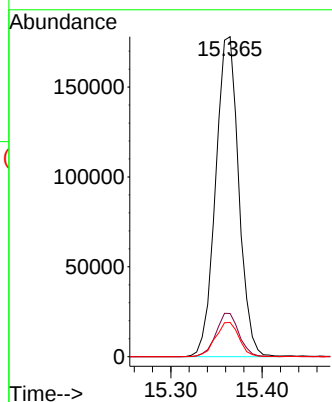
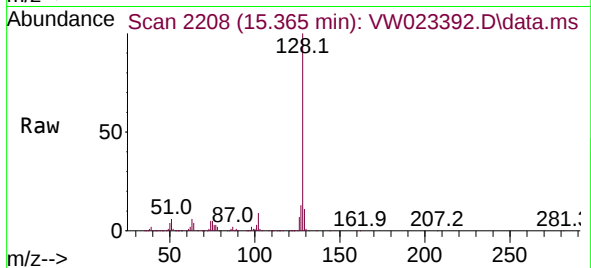
Tgt Ion:128 Resp: 312920

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.333 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023392.D

Acq: 03 Jun 2022 14:58

Tgt Ion:180 Resp: 138684

Ion Ratio Lower Upper

180 100

182 92.6 73.5 110.3

145 36.1 27.9 41.9

