

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101322\
 Data File : VW024913.D
 Acq On : 13 Oct 2022 18:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Oct 14 02:15:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 14 02:07:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	418837	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	382898	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	195548	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	105858	21.423	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.680%		
7) Chloroethane-d5	2.885	69	61965	21.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.680%		
11) 1,1-Dichloroethene-d2	4.019	63	251801	23.437	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.760%		
21) 2-Butanone-d5	7.086	46	78373	50.058	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.120%		
24) Chloroform-d	7.653	84	273231	23.129	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.520%		
26) 1,2-Dichloroethane-d4	8.305	65	142929	23.117	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.480%		
32) Benzene-d6	8.275	84	552214	22.999	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.000%		
36) 1,2-Dichloropropane-d6	9.275	67	171136	23.238	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.960%		
41) Toluene-d8	10.323	98	498698	23.141	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.560%		
43) trans-1,3-Dichloroprop...	10.579	79	66685	23.876	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.520%		
47) 2-Hexanone-d5	10.921	63	62807	50.869	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.740%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	138234	24.069	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.280%		
66) 1,2-Dichlorobenzene-d4	13.853	152	159084	22.262	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	46150	24.628	ug/L	90
3) Chloromethane	2.215	50	111249	25.490	ug/L	98
5) Vinyl chloride	2.361	62	164740	27.667	ug/L	97
6) Bromomethane	2.782	94	74412	25.730	ug/L	95
8) Chloroethane	2.922	64	62631	25.244	ug/L	97
9) Trichlorofluoromethane	3.257	101	87973	29.869	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	160867	26.825	ug/L	98
12) 1,1-Dichloroethene	4.044	96	153983	27.136	ug/L	90
13) Acetone	4.135	43	51658	47.151	ug/L	98
14) Carbon disulfide	4.391	76	509205	27.473	ug/L	99
15) Methyl Acetate	4.678	43	73984	27.747	ug/L	100
16) Methylene chloride	4.916	84	208852	28.242	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	169197	27.393	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	257792	28.086	ug/L	99
19) 1,1-Dichloroethane	6.214	63	306433	26.816	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	181080	27.126	ug/L	98
22) 2-Butanone	7.177	43	93380	51.091	ug/L	100
23) Bromochloromethane	7.519	128	74561	27.307	ug/L	98
25) Chloroform	7.677	83	304682	27.164	ug/L	99

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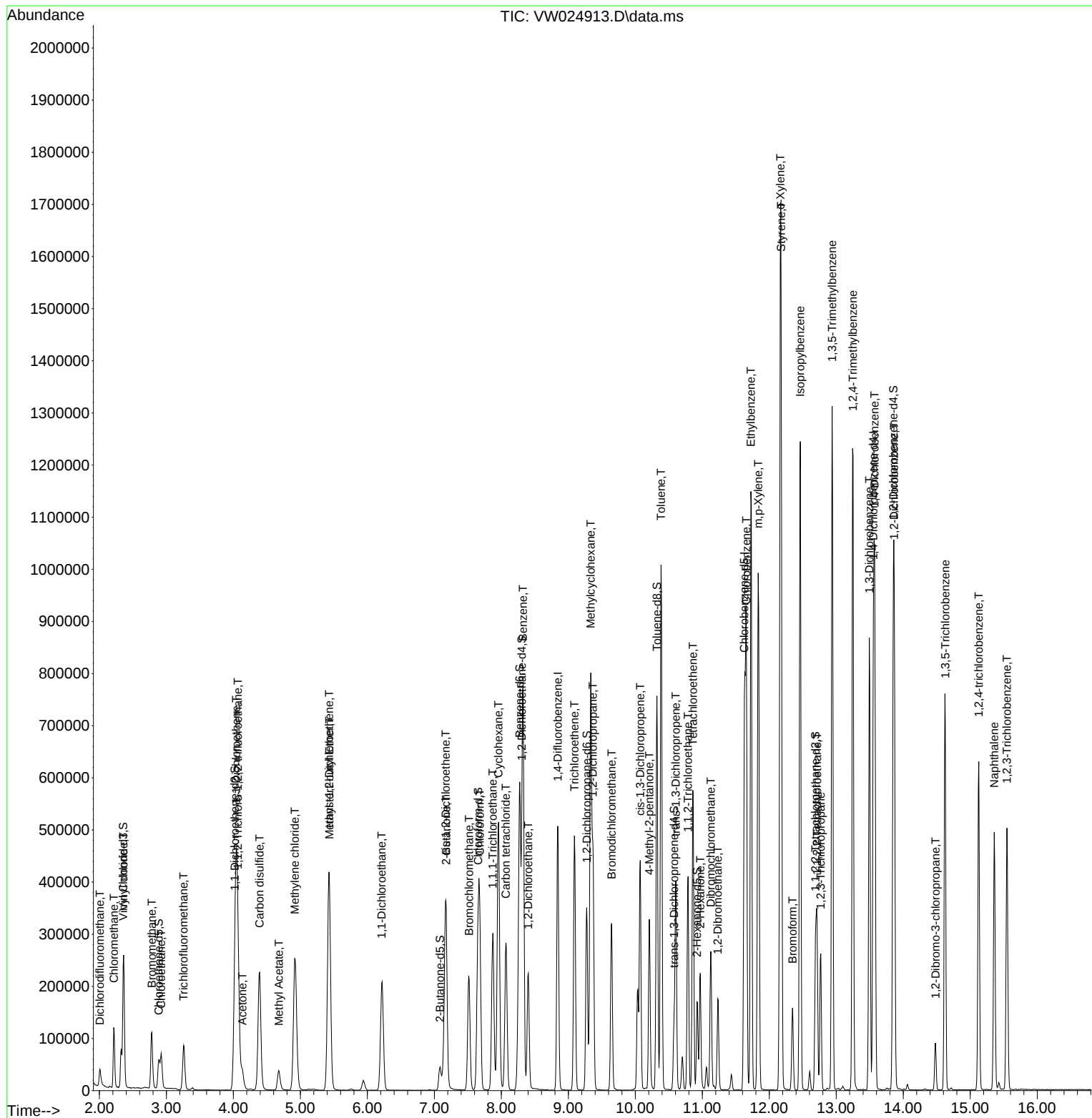
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	199092	27.449	ug/L	99
29) Cyclohexane	7.958	56	304140	27.350	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	239580	27.207	ug/L	99
31) Carbon tetrachloride	8.067	117	211795	27.393	ug/L	97
33) Benzene	8.324	78	706039	27.104	ug/L	100
34) Trichloroethene	9.092	95	177626	27.076	ug/L	99
35) Methylcyclohexane	9.336	83	324282	27.466	ug/L	99
37) 1,2-Dichloropropane	9.366	63	175225	26.991	ug/L	100
38) Bromodichloromethane	9.646	83	220846	27.533	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	264146	28.150	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	211298	55.068	ug/L	99
42) Toluene	10.384	91	725479	27.163	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	220609	28.317	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	126130	27.815	ug/L	98
46) Tetrachloroethene	10.860	164	120609	27.039	ug/L	91
48) 2-Hexanone	10.969	43	145347	55.869	ug/L	97
49) Dibromochloromethane	11.128	129	139147	27.720	ug/L	97
50) 1,2-Dibromoethane	11.232	107	118040	27.633	ug/L	93
51) Chlorobenzene	11.658	112	454041	27.048	ug/L	96
52) Ethylbenzene	11.725	91	830786	27.779	ug/L	97
53) m,p-Xylene	11.835	106	316684	27.871	ug/L	98
54) o-Xylene	12.164	106	299274	27.662	ug/L	100
55) Styrene	12.177	104	521020	28.078	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	153182	27.688	ug/L	96
59) Bromoform	12.347	173	70323	26.876	ug/L #	99
60) Isopropylbenzene	12.463	105	804976	25.520	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	115177	26.787	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	701478	25.902	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	690767	26.454	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	328855	25.599	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	320299	24.632	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	294222	25.767	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24619	26.342	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	204067	24.330	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	187070	27.489	ug/L	91
71) Naphthalene	15.359	128	404383	27.425	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152848	26.315	ug/L	98

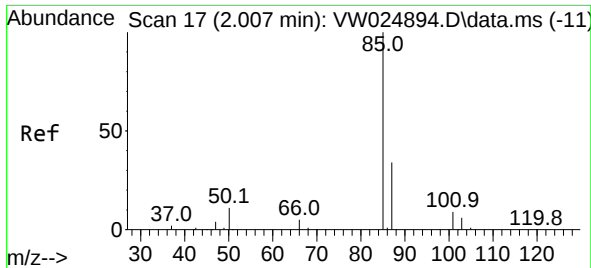
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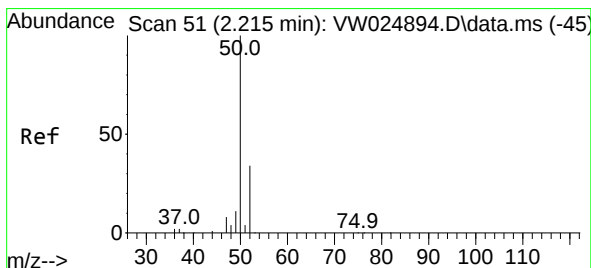
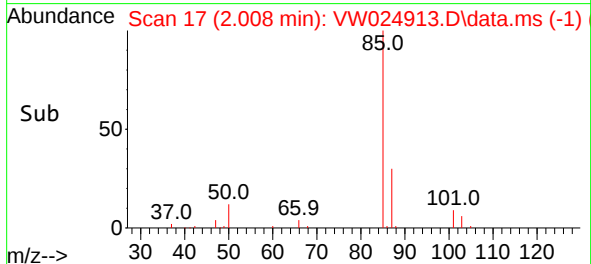
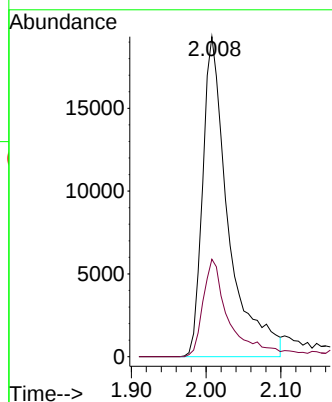
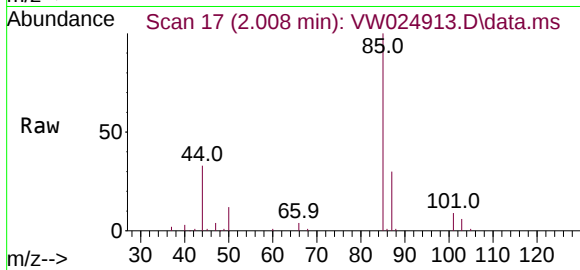




#2
 Dichlorodifluoromethane
 Concen: 24.628 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024913.D
 Acq: 13 Oct 2022 18:59

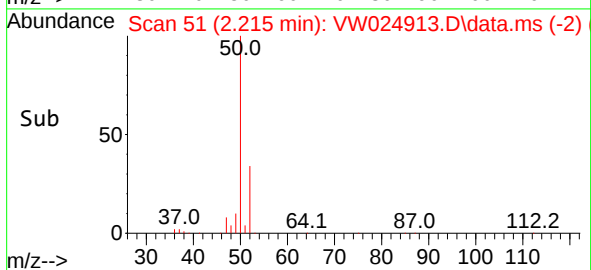
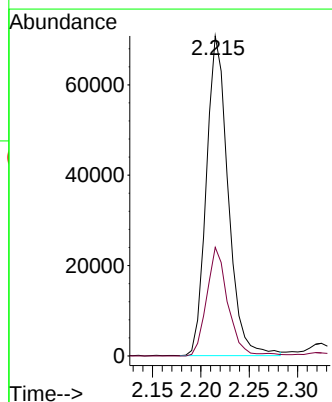
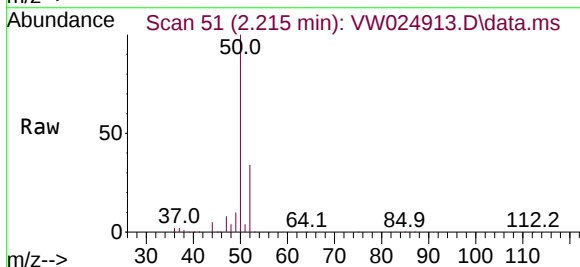
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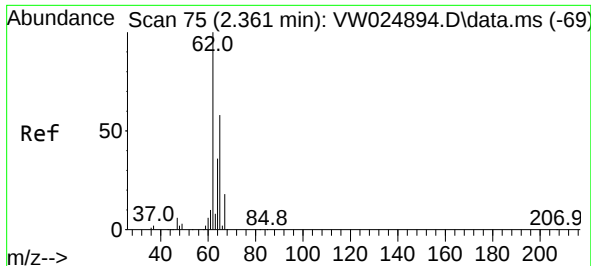
Tgt Ion: 85 Resp: 46150
 Ion Ratio Lower Upper
 85 100
 87 27.9 26.8 40.2



#3
 Chloromethane
 Concen: 25.490 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024913.D
 Acq: 13 Oct 2022 18:59

Tgt Ion: 50 Resp: 111249
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.1 42.9

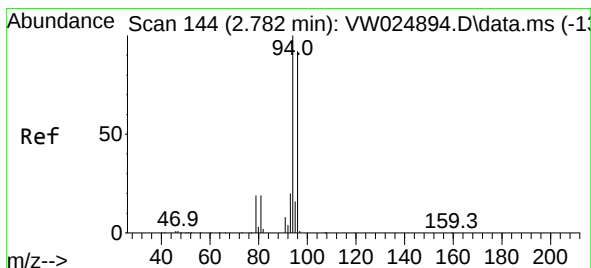
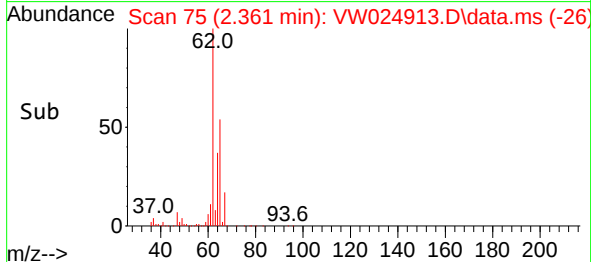
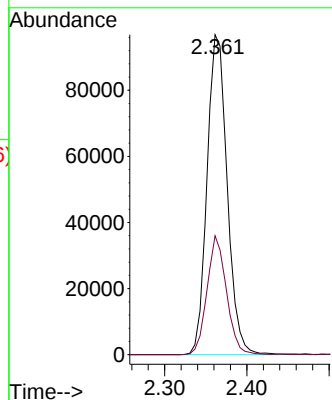
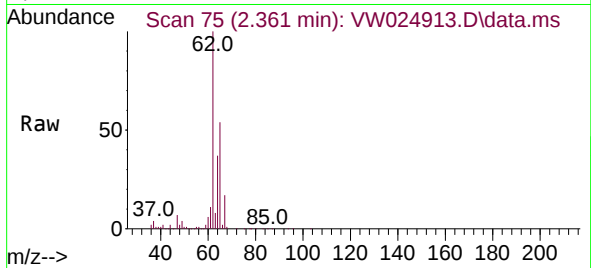




#5
 Vinyl chloride
 Concen: 27.667 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW024913.D
 Acq: 13 Oct 2022 18:59

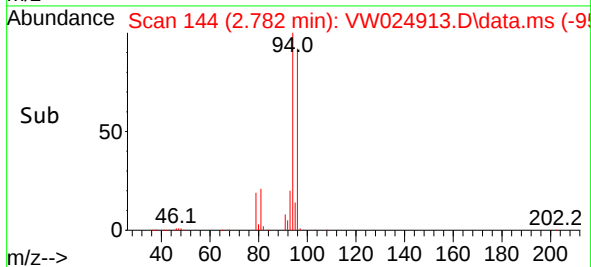
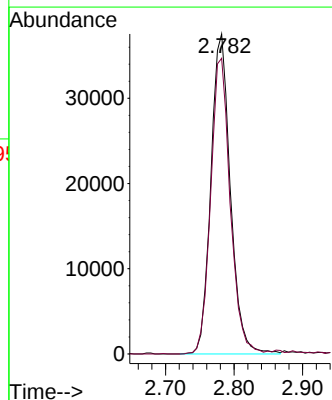
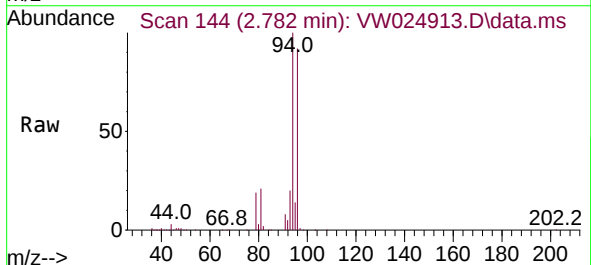
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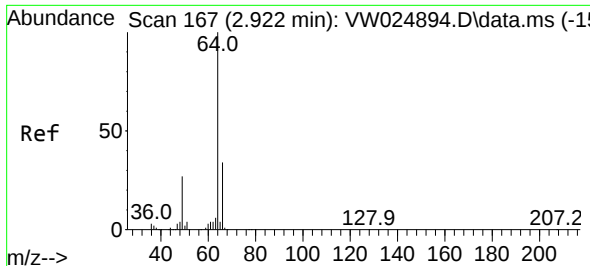
Tgt Ion: 62 Resp: 164740
 Ion Ratio Lower Upper
 62 100
 64 37.2 24.7 45.9



#6
 Bromomethane
 Concen: 25.730 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024913.D
 Acq: 13 Oct 2022 18:59

Tgt Ion: 94 Resp: 74412
 Ion Ratio Lower Upper
 94 100
 96 92.4 61.4 114.0

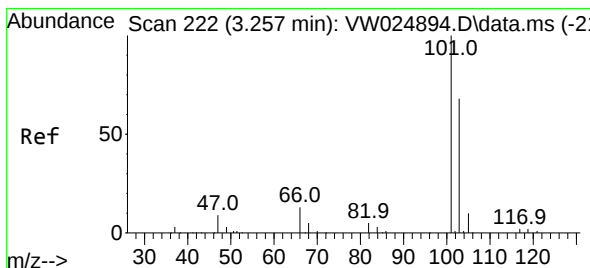
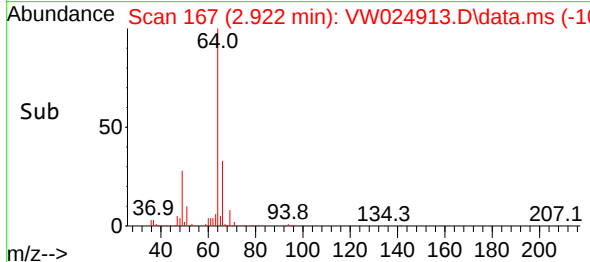
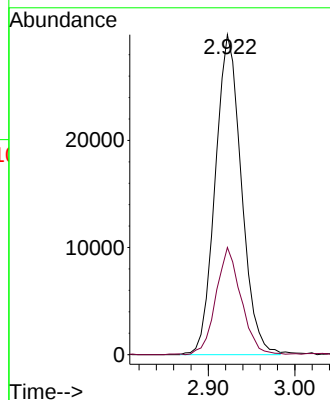
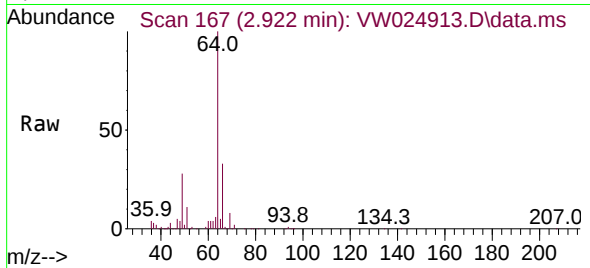




#8
Chloroethane
Concen: 25.244 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

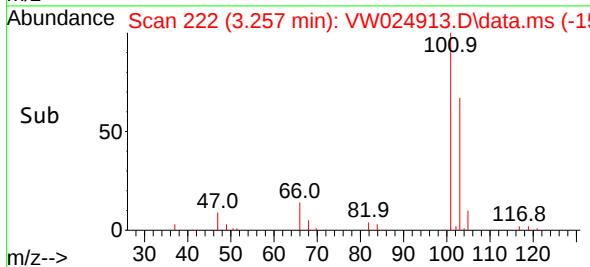
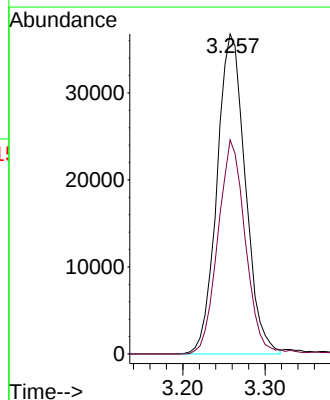
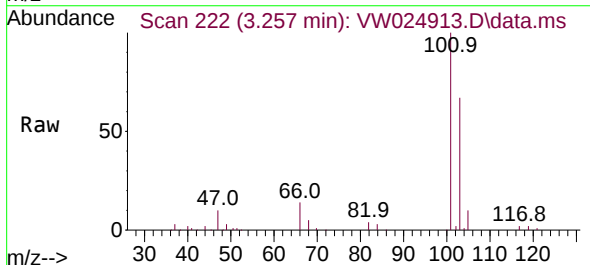
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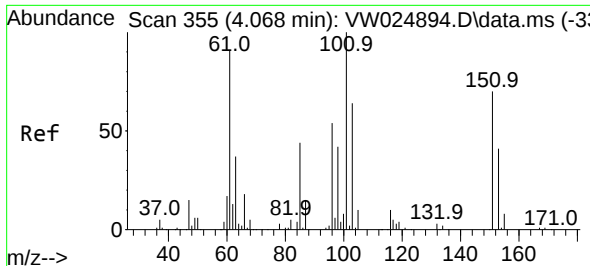
Tgt Ion: 64 Resp: 62631
Ion Ratio Lower Upper
64 100
66 33.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 29.869 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion:101 Resp: 87973
Ion Ratio Lower Upper
101 100
103 64.5 52.9 79.3

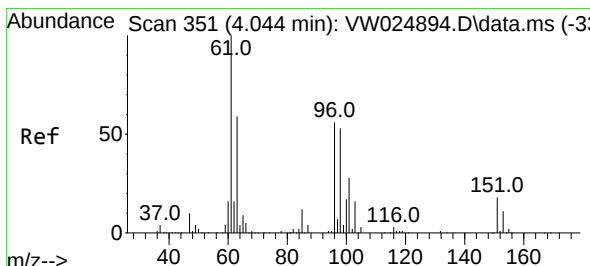
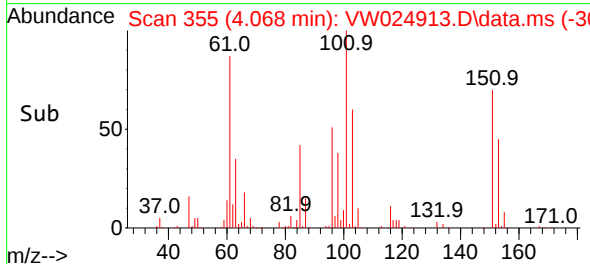
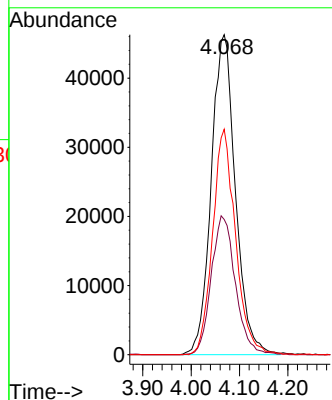
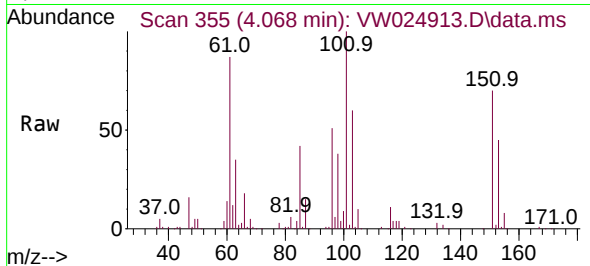




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.825 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024913.D
 Acq: 13 Oct 2022 18:59

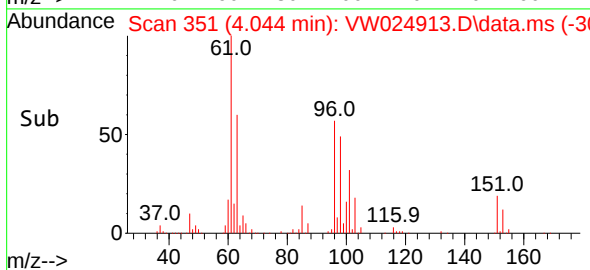
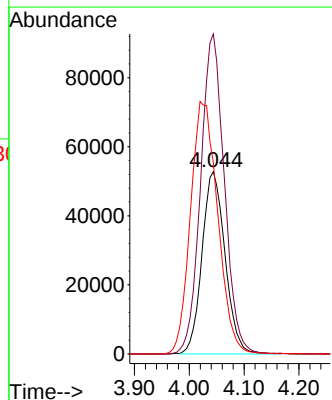
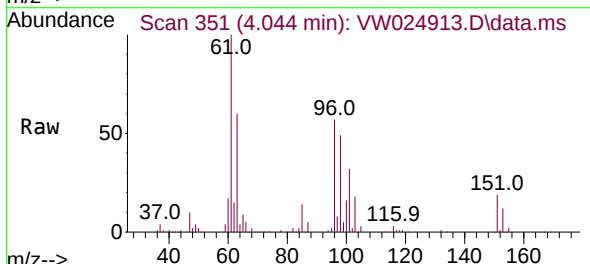
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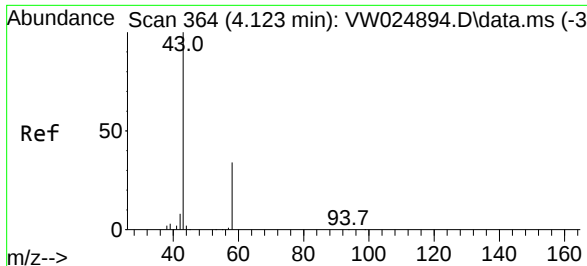
Tgt Ion:101 Resp: 160867
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.6 50.4
 151 66.8 52.0 78.0



#12
 1,1-Dichloroethene
 Concen: 27.136 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024913.D
 Acq: 13 Oct 2022 18:59

Tgt Ion: 96 Resp: 153983
 Ion Ratio Lower Upper
 96 100
 61 175.6 122.4 227.2
 63 105.1 92.1 171.1





#13

Acetone

Concen: 47.151 ug/L

RT: 4.135 min Scan# 366

Delta R.T. 0.012 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

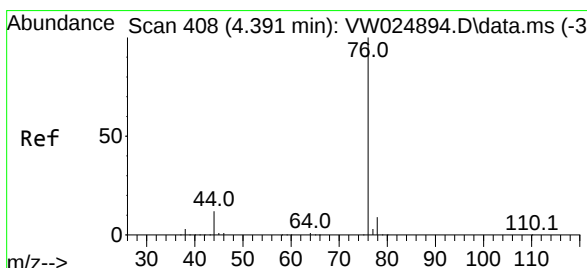
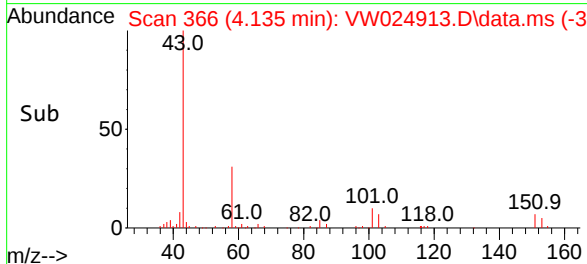
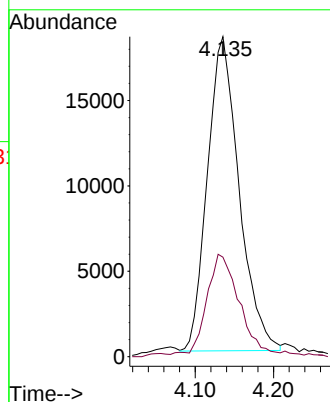
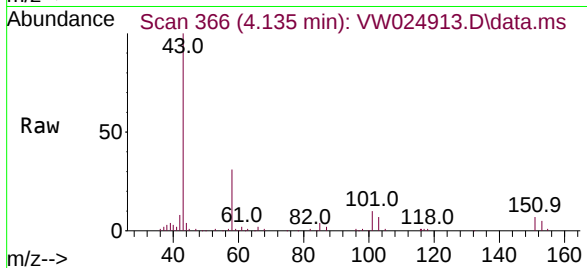
VSTD025598

Tgt Ion: 43 Resp: 51658

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.2



#14

Carbon disulfide

Concen: 27.473 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW024913.D

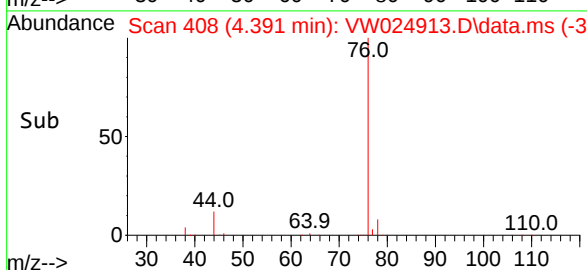
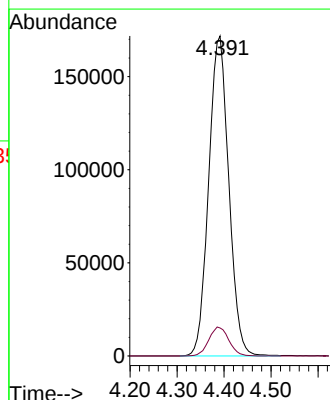
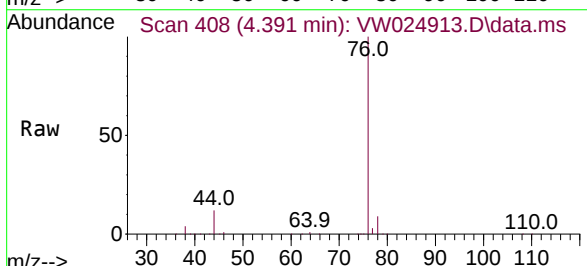
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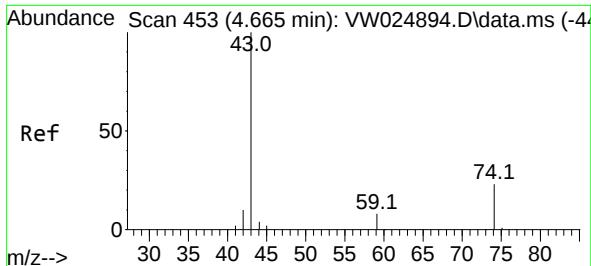
Tgt Ion: 76 Resp: 509205

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

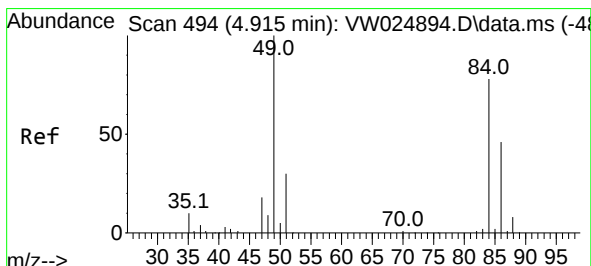
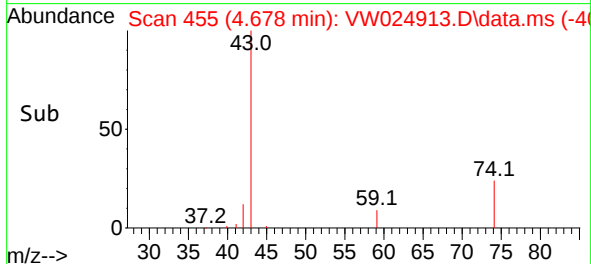
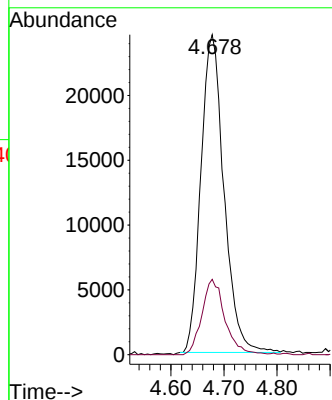
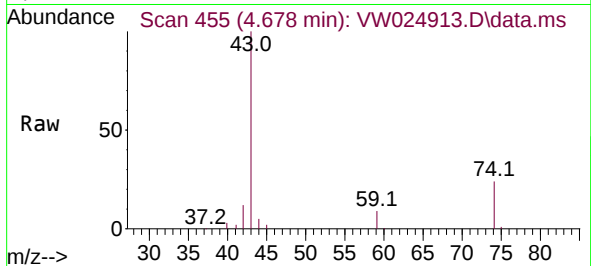




#15
Methyl Acetate
Concen: 27.747 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

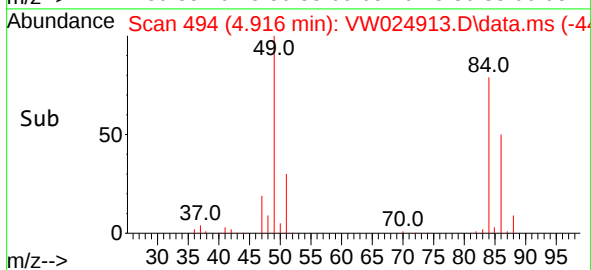
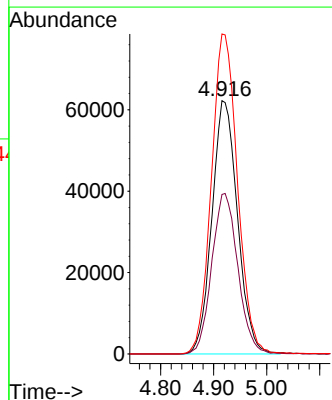
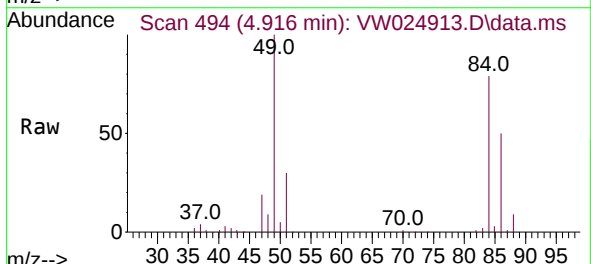
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

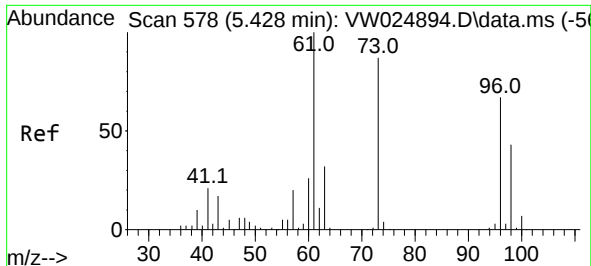
Tgt Ion: 43 Resp: 73984
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6



#16
Methylene chloride
Concen: 28.242 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 84 Resp: 208852
Ion Ratio Lower Upper
84 100
86 63.0 45.5 84.5
49 126.3 90.9 168.9

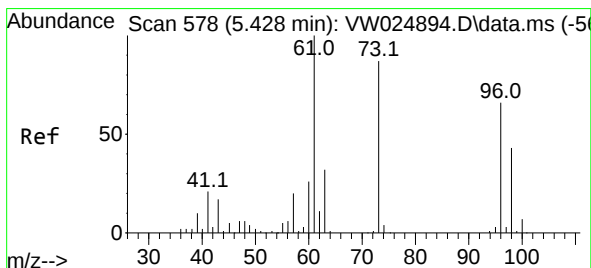
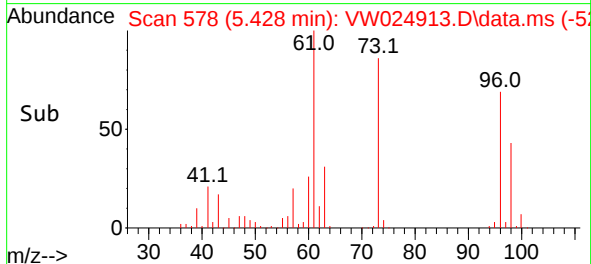
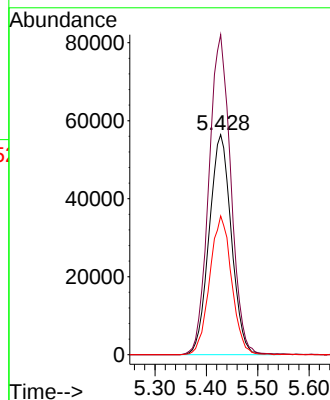
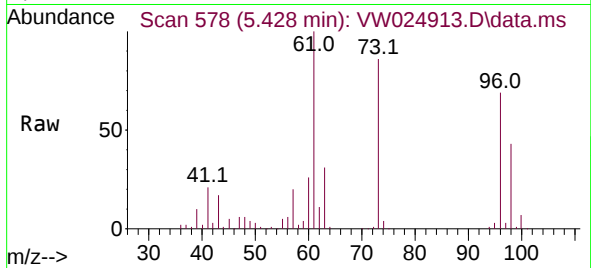




#17
trans-1,2-Dichloroethene
Concen: 27.393 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

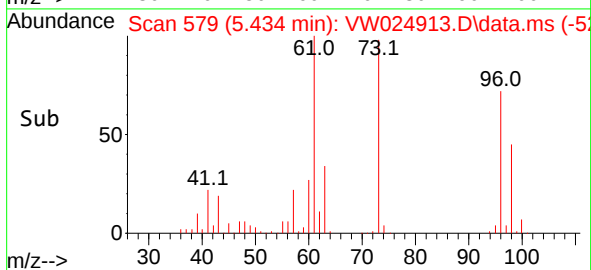
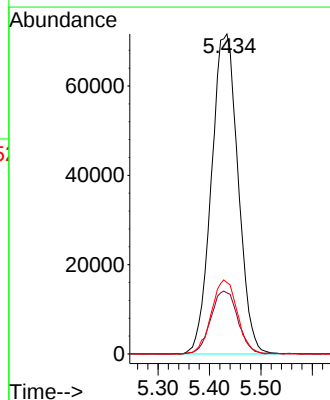
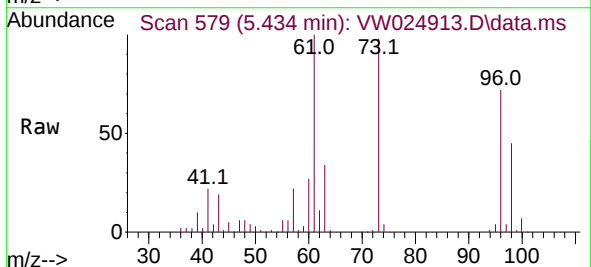
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

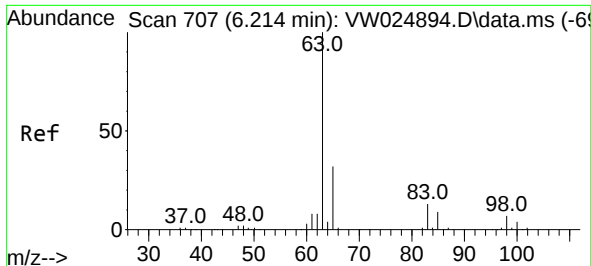
Tgt Ion: 96 Resp: 169197
Ion Ratio Lower Upper
96 100
61 145.4 102.2 189.8
98 63.0 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 28.086 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 73 Resp: 257792
Ion Ratio Lower Upper
73 100
43 20.0 15.8 23.6
57 22.5 18.2 27.4

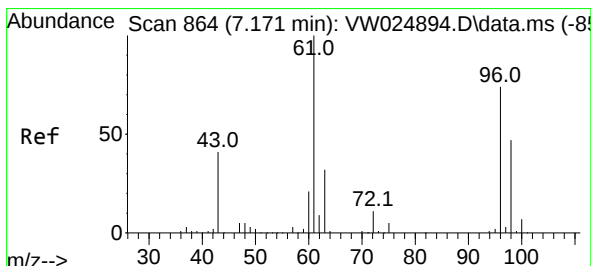
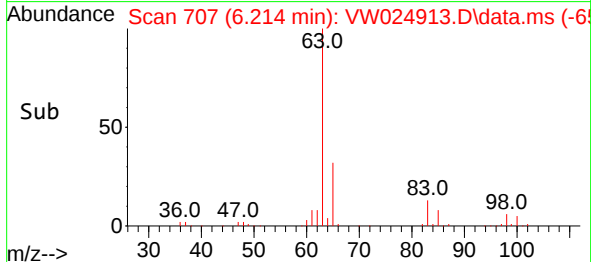
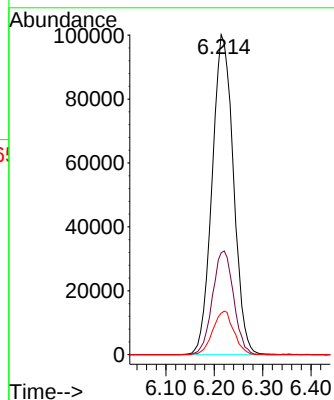
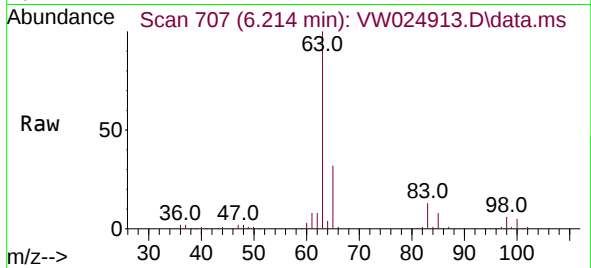




#19
1,1-Dichloroethane
Concen: 26.816 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

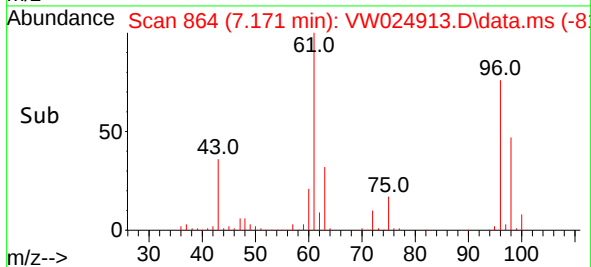
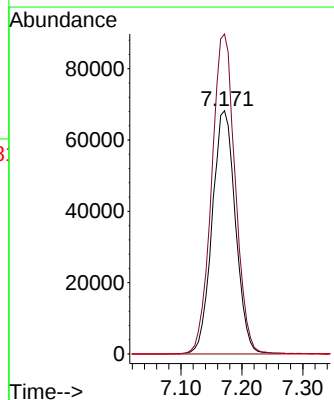
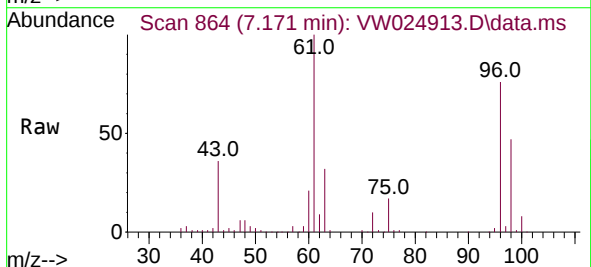
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

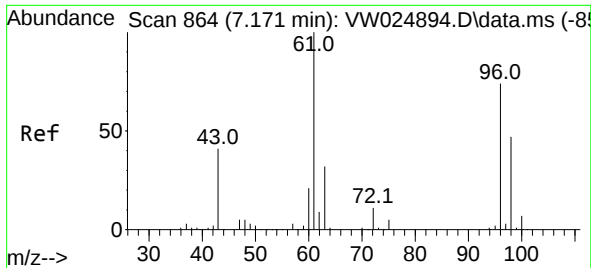
Tgt Ion: 63 Resp: 306433
Ion Ratio Lower Upper
63 100
65 31.9 22.4 41.6
83 13.0 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 27.126 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 96 Resp: 181080
Ion Ratio Lower Upper
96 100
61 131.6 90.9 168.7
68 0.0 0.0 0.0

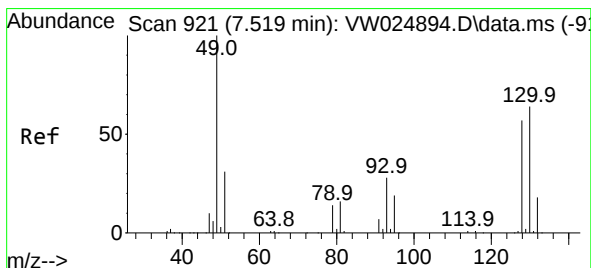
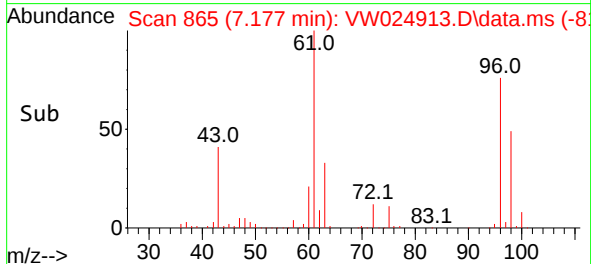
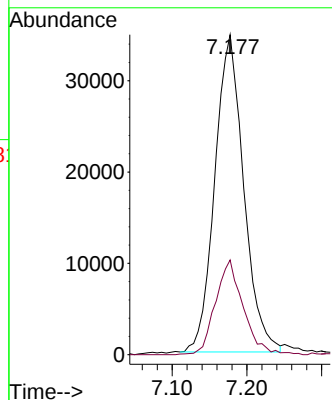
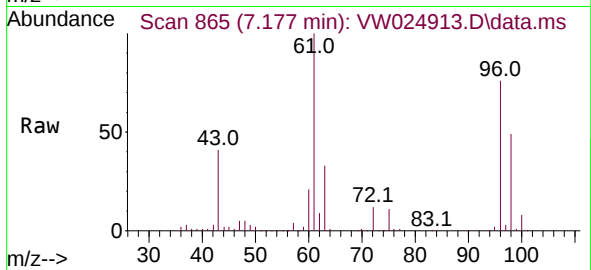




#22
2-Butanone
Concen: 51.091 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

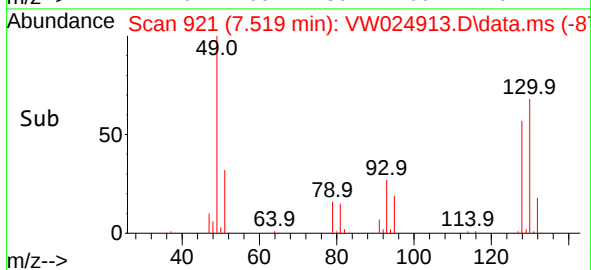
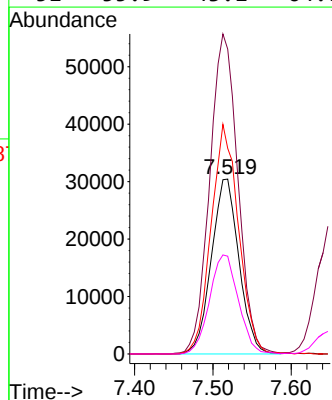
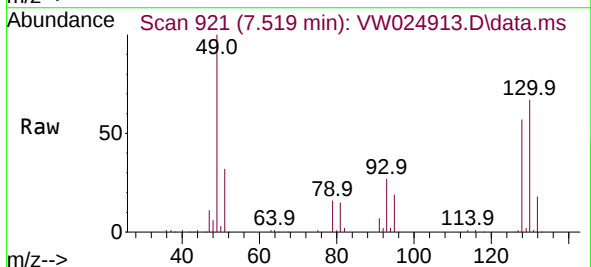
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

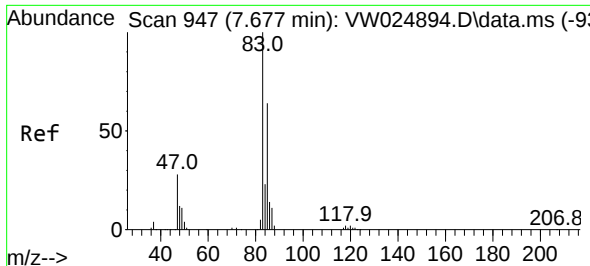
Tgt Ion: 43 Resp: 93380
Ion Ratio Lower Upper
43 100
72 28.4 14.1 42.3



#23
Bromochloromethane
Concen: 27.307 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 128 Resp: 74561
Ion Ratio Lower Upper
128 100
49 174.3 122.7 227.9
130 117.5 86.0 159.8
51 55.9 43.1 64.7

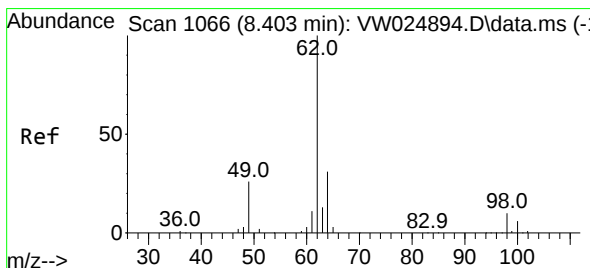
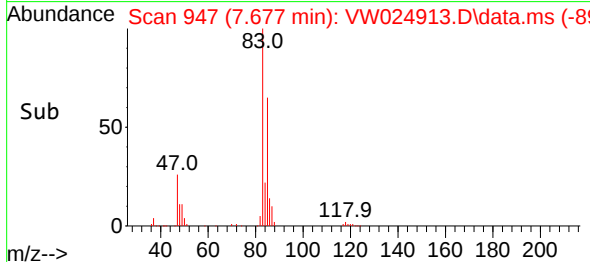
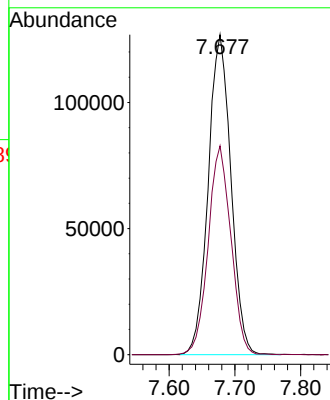
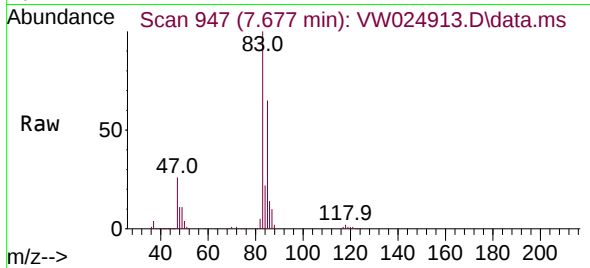




#25
Chloroform
Concen: 27.164 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

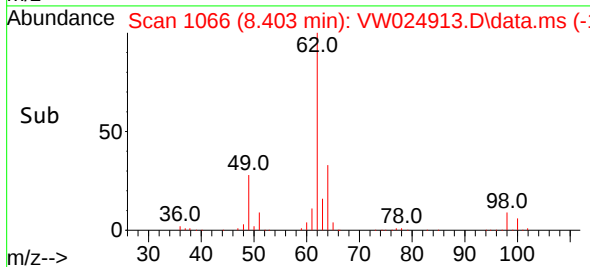
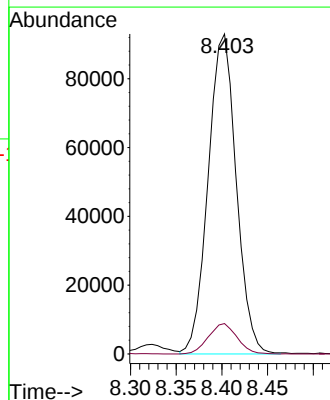
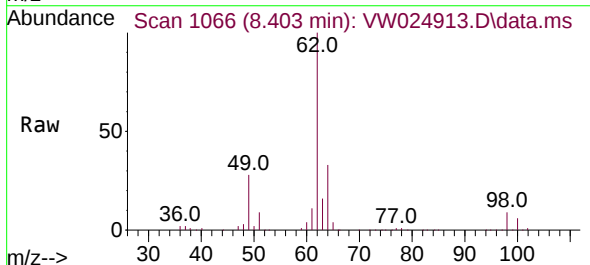
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

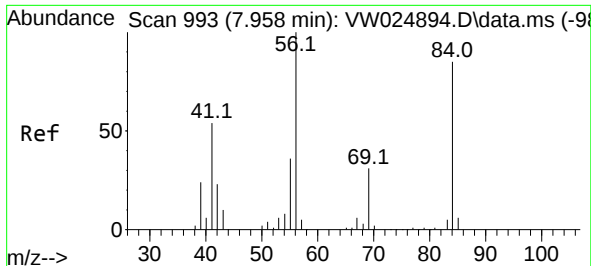
Tgt Ion: 83 Resp: 304682
Ion Ratio Lower Upper
83 100
85 65.2 45.3 84.1



#27
1,2-Dichloroethane
Concen: 27.449 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 62 Resp: 199092
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.6

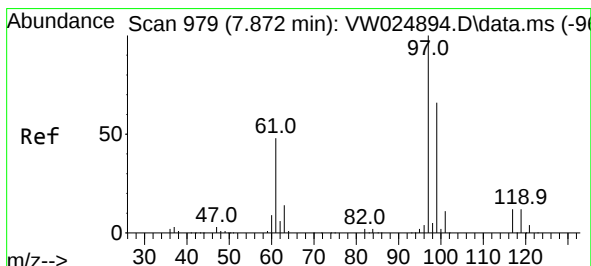
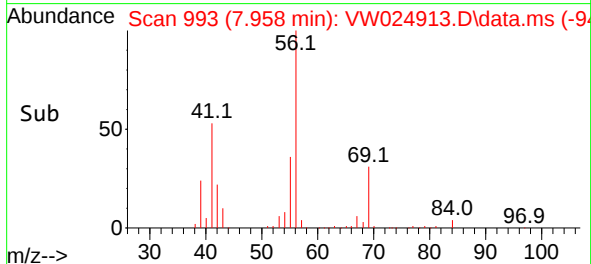
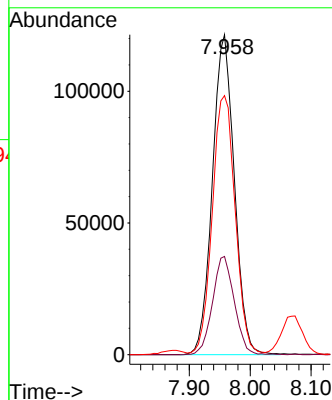
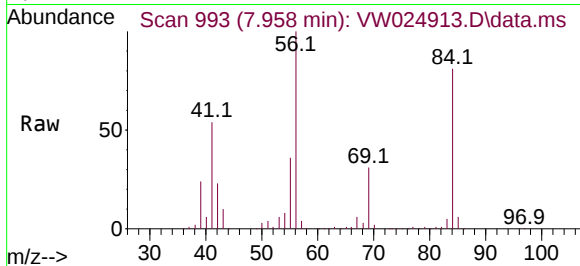




#29
Cyclohexane
Concen: 27.350 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

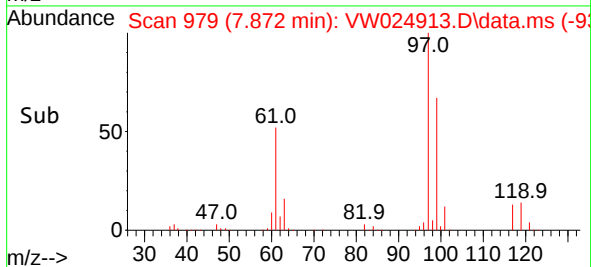
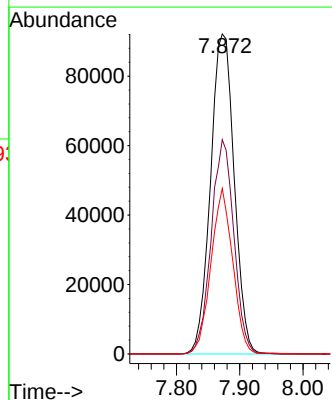
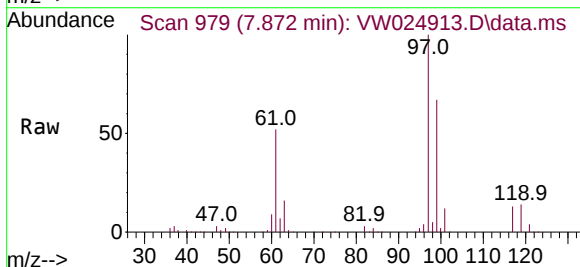
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

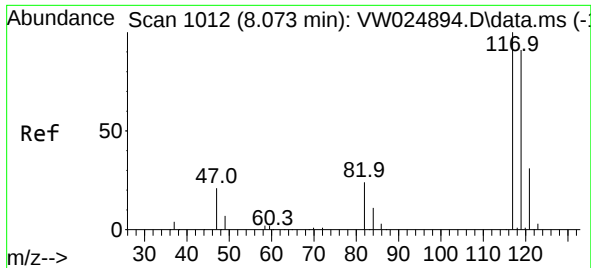
Tgt Ion: 56 Resp: 304140
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.2
84 84.7 67.7 101.5



#30
1,1,1-Trichloroethane
Concen: 27.207 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 97 Resp: 239580
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 47.4 37.3 55.9

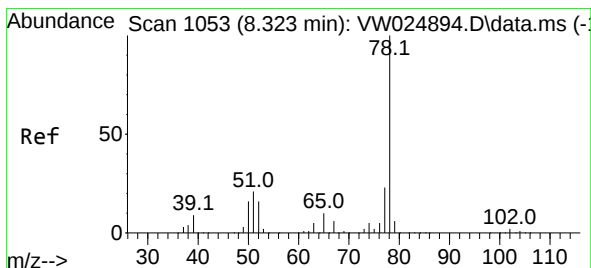
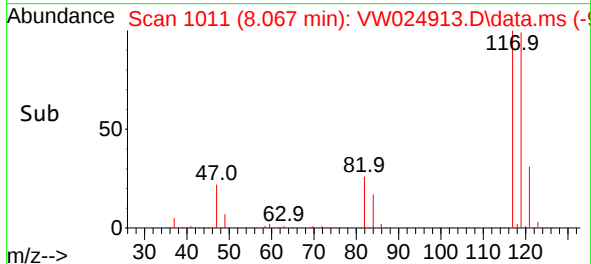
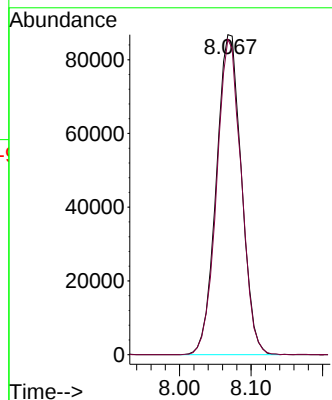
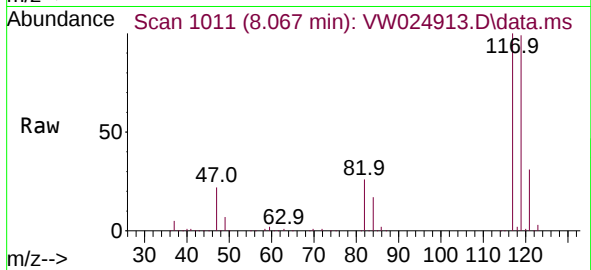




#31
Carbon tetrachloride
Concen: 27.393 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

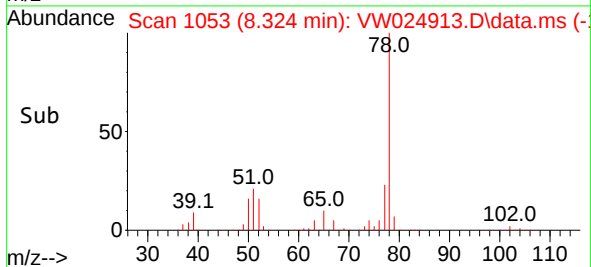
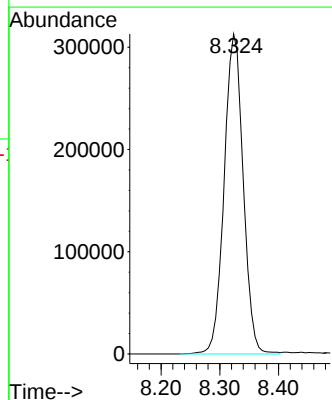
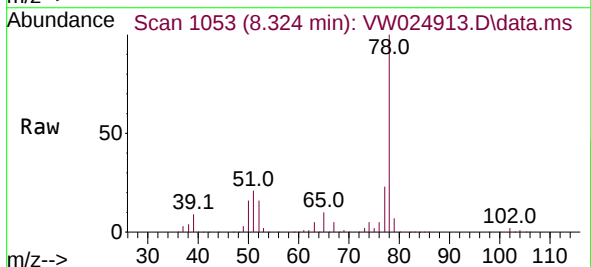
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

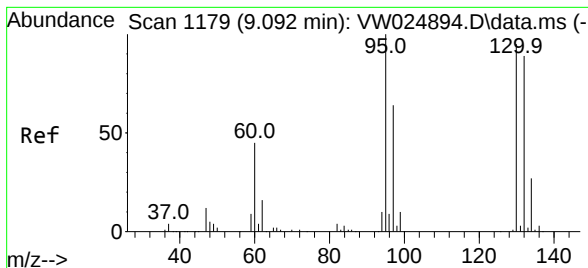
Tgt Ion:117 Resp: 211795
Ion Ratio Lower Upper
117 100
119 96.5 75.1 112.7



#33
Benzene
Concen: 27.104 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 78 Resp: 706039





#34

Trichloroethene

Concen: 27.076 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

Tgt Ion: 95 Resp: 177626

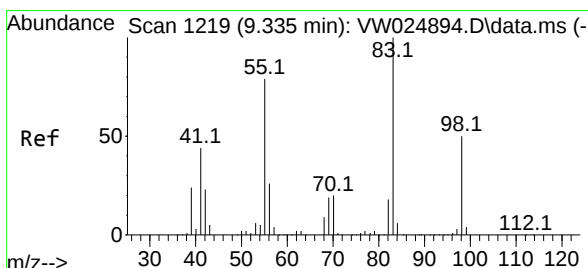
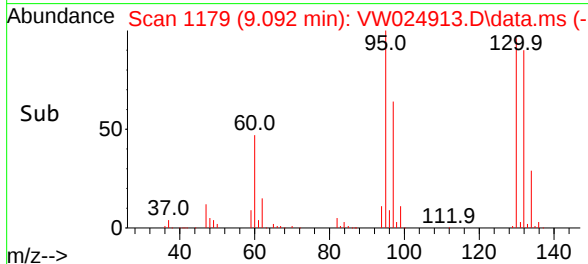
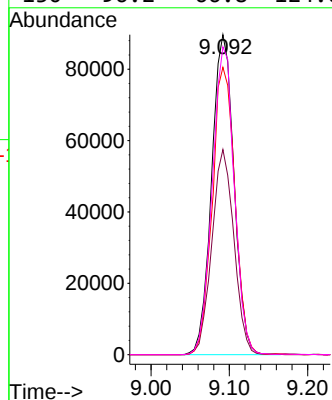
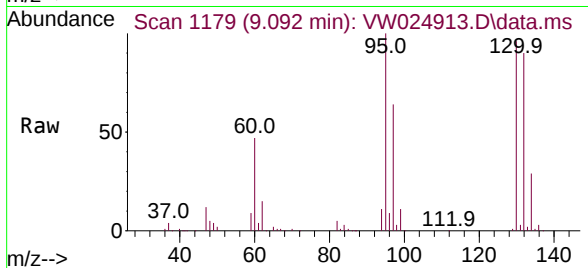
Ion Ratio Lower Upper

95 100

97 64.1 44.2 82.0

132 89.8 62.9 116.7

130 96.2 66.8 124.0



#35

Methylcyclohexane

Concen: 27.466 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

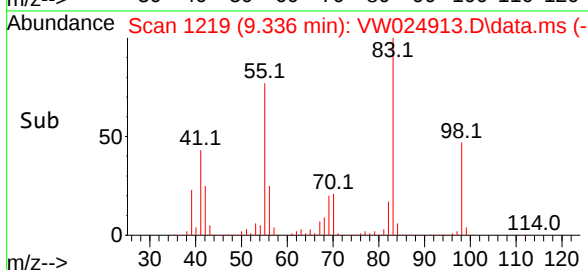
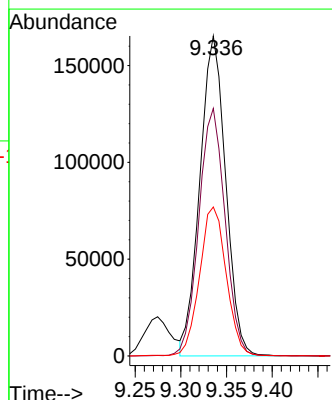
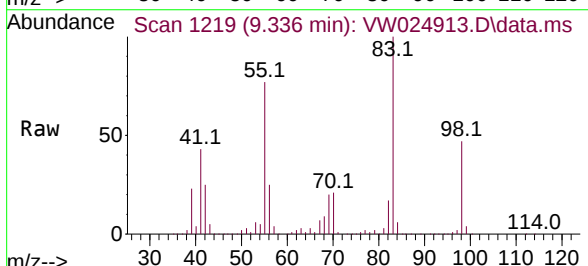
Tgt Ion: 83 Resp: 324282

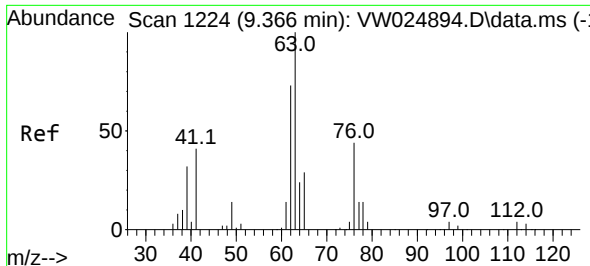
Ion Ratio Lower Upper

83 100

55 78.6 62.5 93.7

98 48.2 37.2 55.8





#37

1,2-Dichloropropane

Concen: 26.991 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

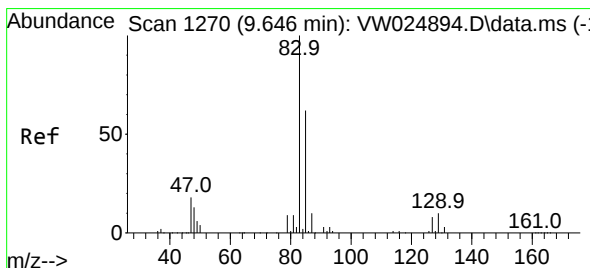
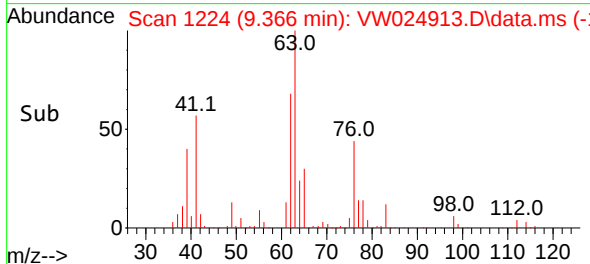
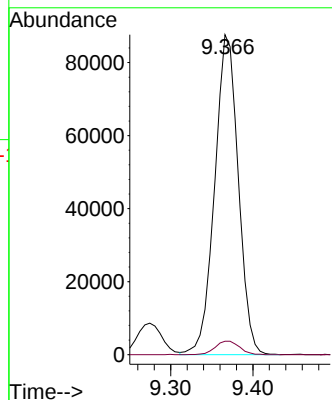
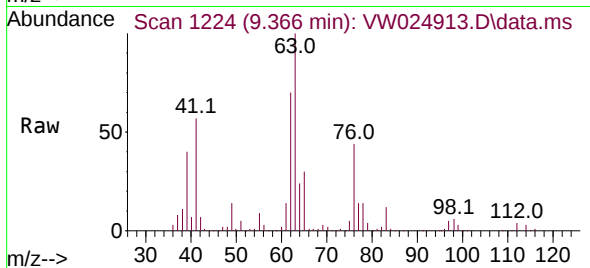
VSTD025598

Tgt Ion: 63 Resp: 175225

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 27.533 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

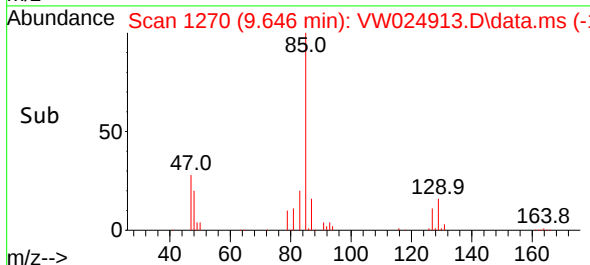
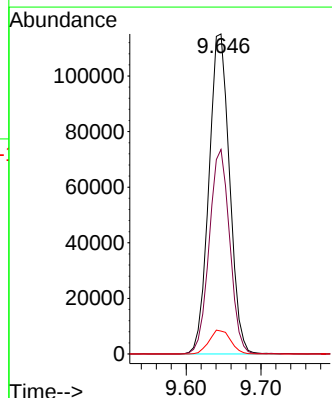
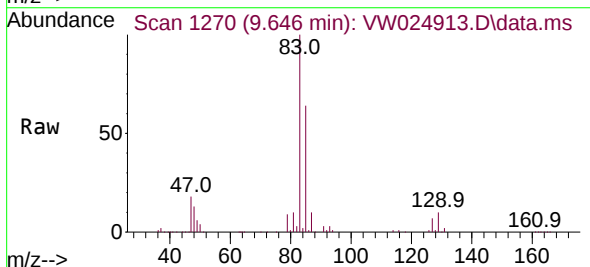
Tgt Ion: 83 Resp: 220846

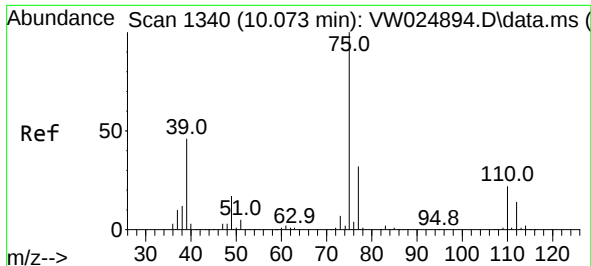
Ion Ratio Lower Upper

83 100

85 63.9 43.6 81.0

127 7.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 28.150 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

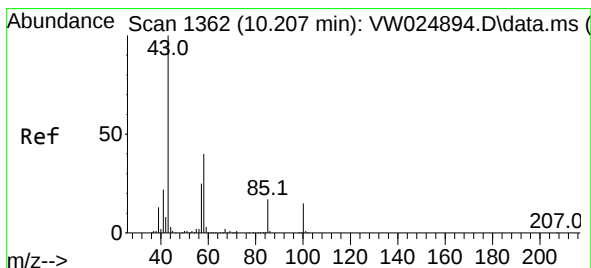
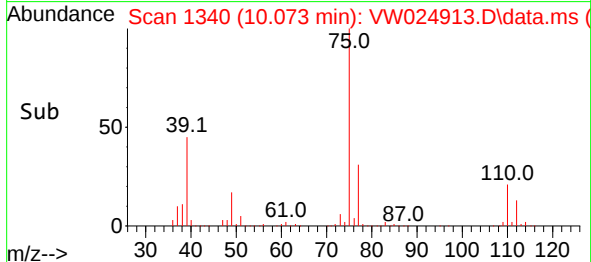
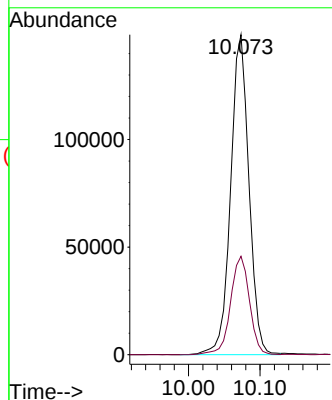
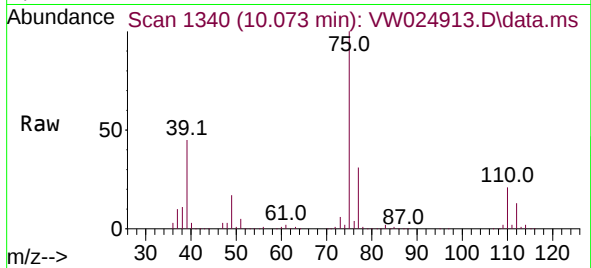
VSTD025598

Tgt Ion: 75 Resp: 264146

Ion Ratio Lower Upper

75 100

77 30.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 55.068 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

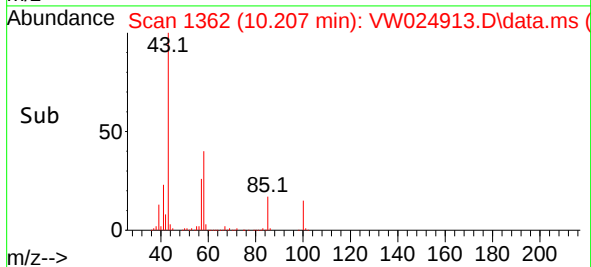
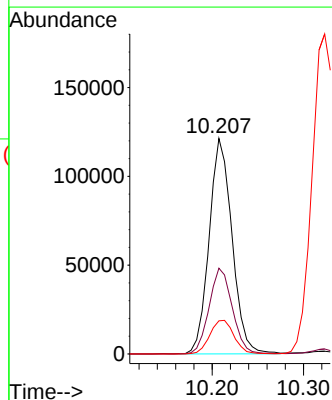
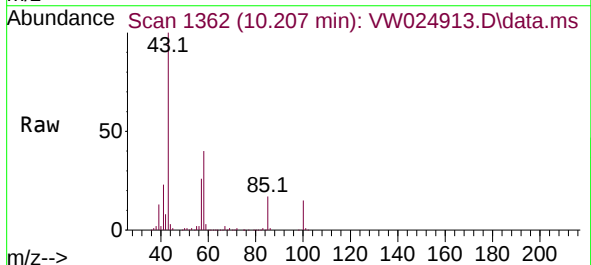
Tgt Ion: 43 Resp: 211298

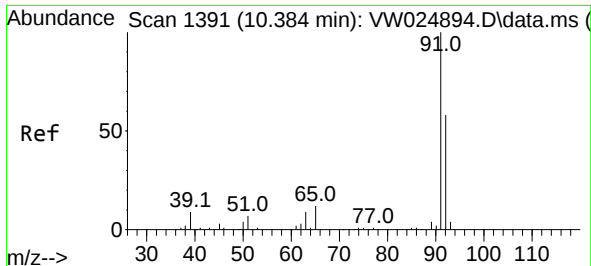
Ion Ratio Lower Upper

43 100

58 40.5 32.1 48.1

100 16.5 12.8 19.2

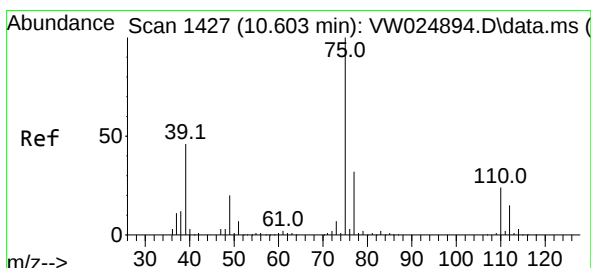
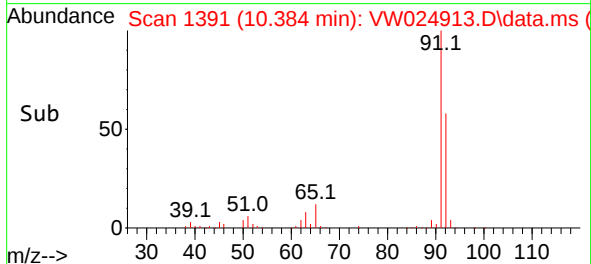
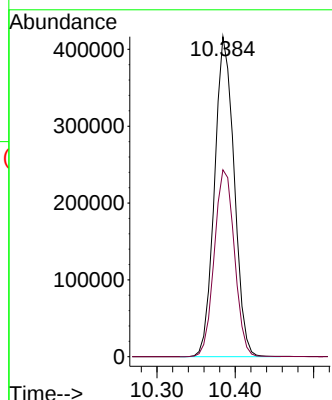
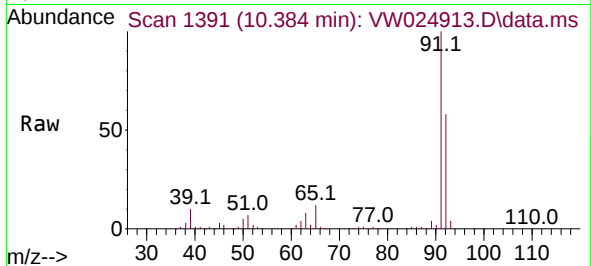




#42
Toluene
Concen: 27.163 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

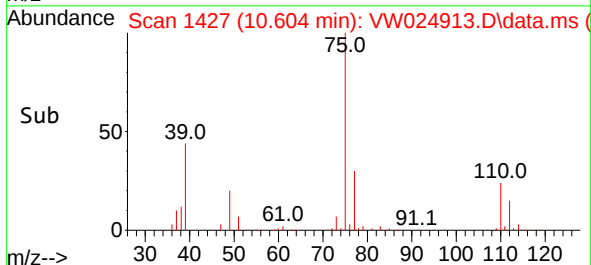
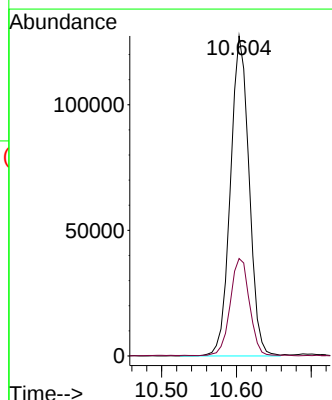
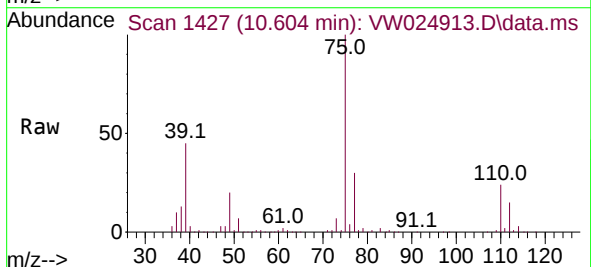
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

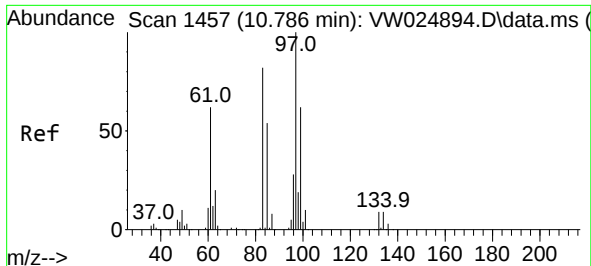
Tgt Ion: 91 Resp: 725479
Ion Ratio Lower Upper
91 100
92 58.4 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 28.317 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 75 Resp: 220609
Ion Ratio Lower Upper
75 100
77 30.5 23.0 42.6



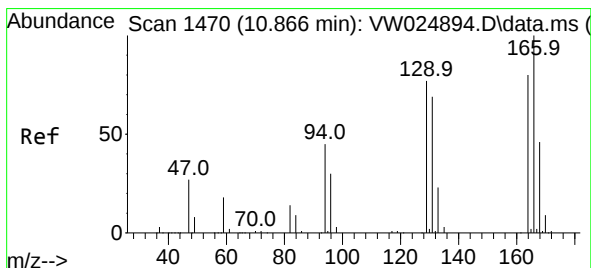
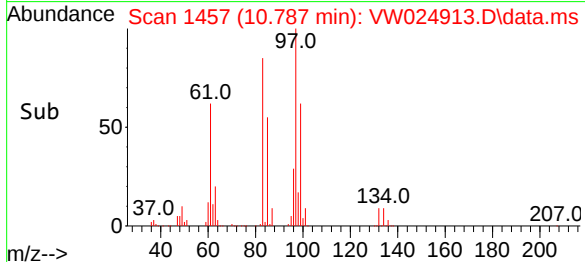
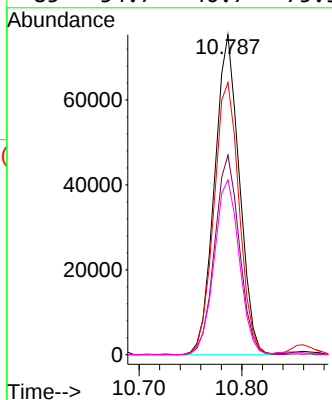
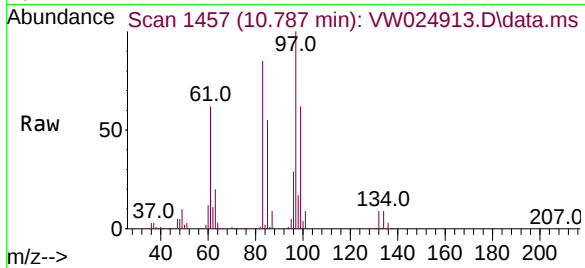


#45
1,1,2-Trichloroethane
Concen: 27.815 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

Tgt Ion: 97 Resp: 126130

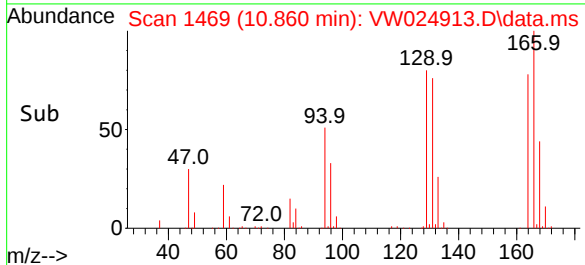
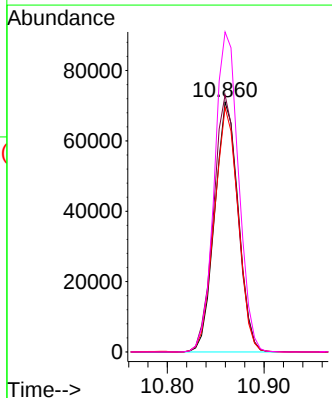
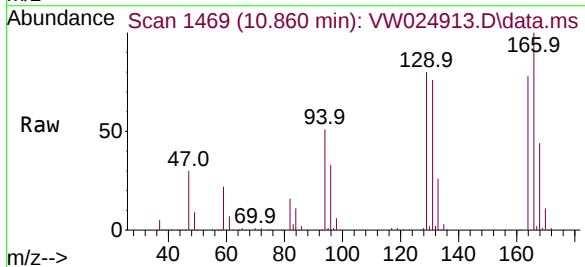
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.7	83.1
83	85.1	59.6	110.8
85	54.7	40.7	75.5

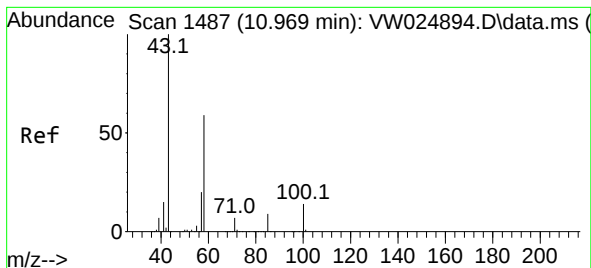


#46
Tetrachloroethene
Concen: 27.039 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 164 Resp: 120609

Ion	Ratio	Lower	Upper
164	100		
129	102.8	78.7	146.1
131	97.8	71.1	132.1
166	128.0	78.8	146.4





#48

2-Hexanone

Concen: 55.869 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

Tgt Ion: 43 Resp: 145347

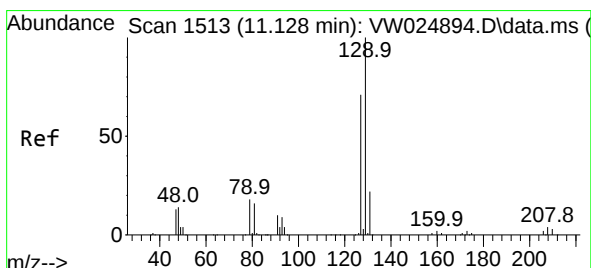
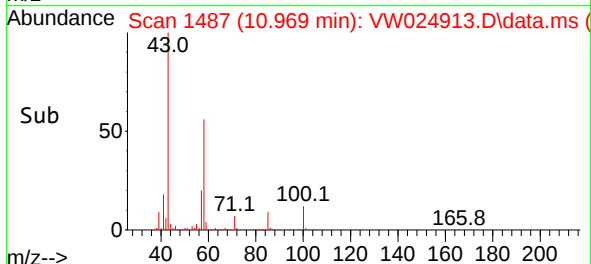
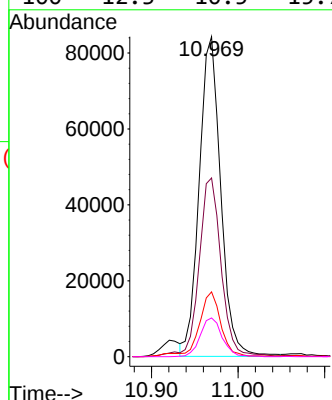
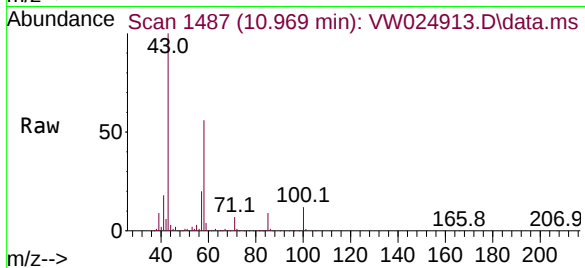
Ion Ratio Lower Upper

43 100

58 56.5 47.0 70.6

57 18.9 16.0 24.0

100 12.3 10.5 15.7



#49

Dibromochloromethane

Concen: 27.720 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW024913.D

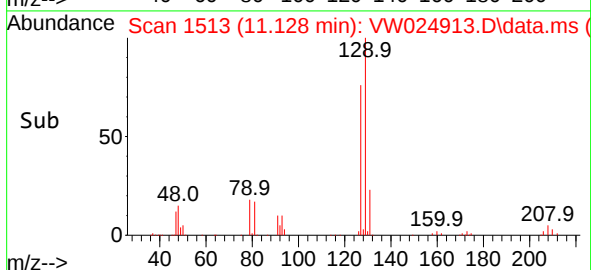
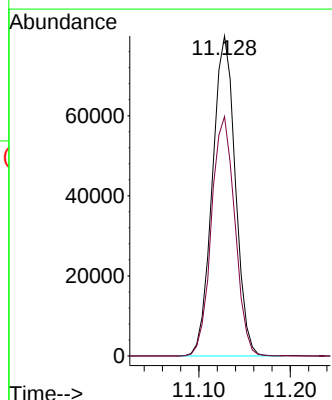
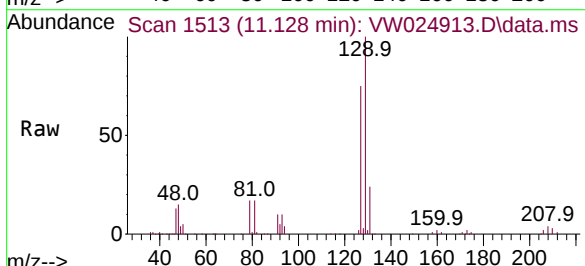
Acq: 13 Oct 2022 18:59

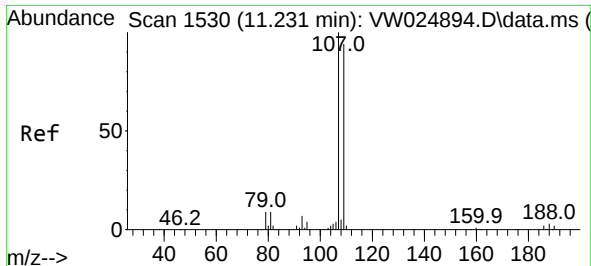
Tgt Ion:129 Resp: 139147

Ion Ratio Lower Upper

129 100

127 74.8 53.9 100.1

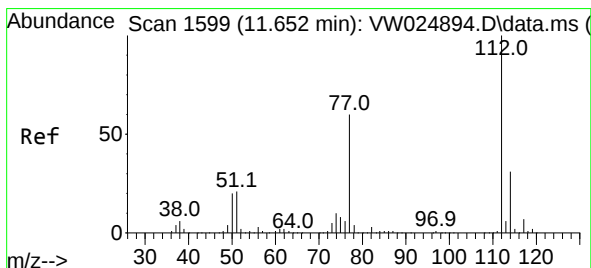
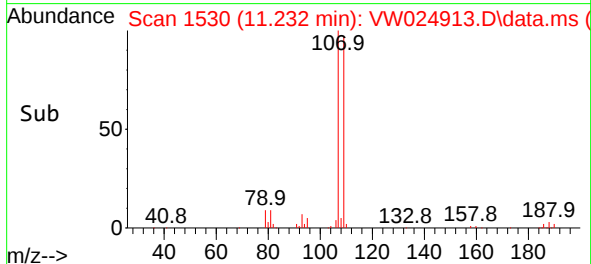
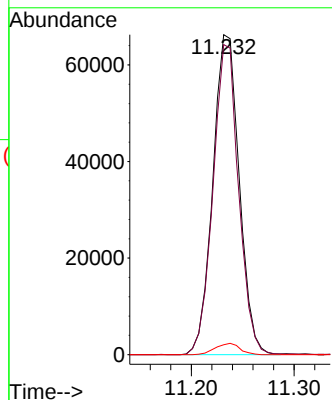
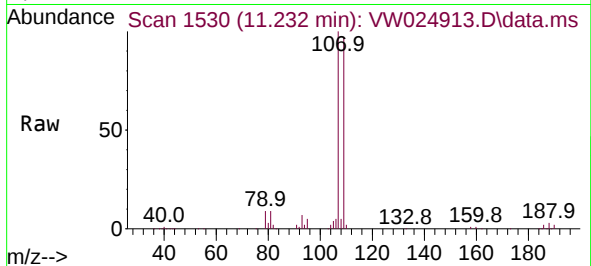




#50
1,2-Dibromoethane
Concen: 27.633 ug/L
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

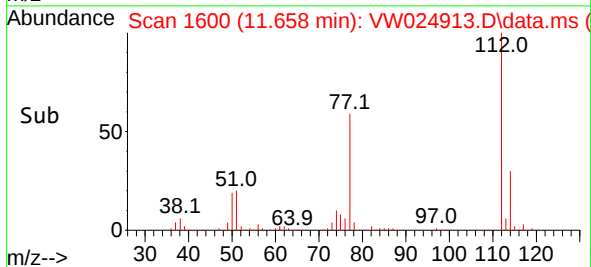
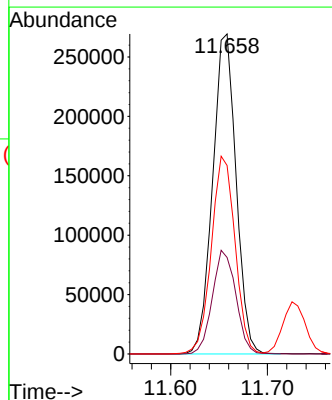
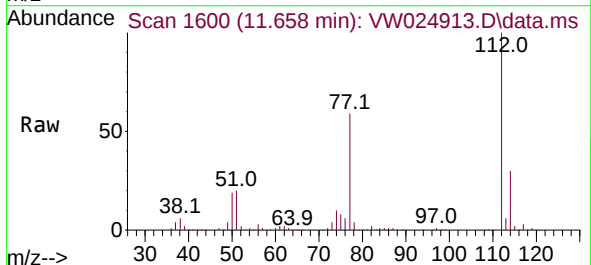
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

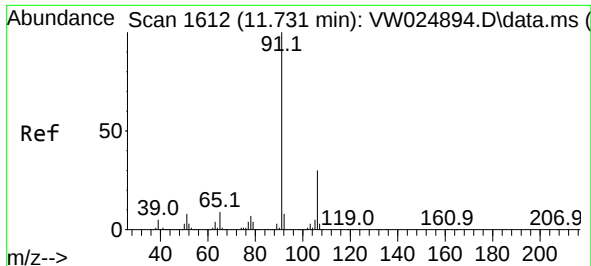
Tgt Ion:107 Resp: 118040
Ion Ratio Lower Upper
107 100
109 96.9 62.8 116.6
188 3.2 2.2 3.2



#51
Chlorobenzene
Concen: 27.048 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion:112 Resp: 454041
Ion Ratio Lower Upper
112 100
114 30.2 22.7 42.3
77 58.9 49.8 74.8

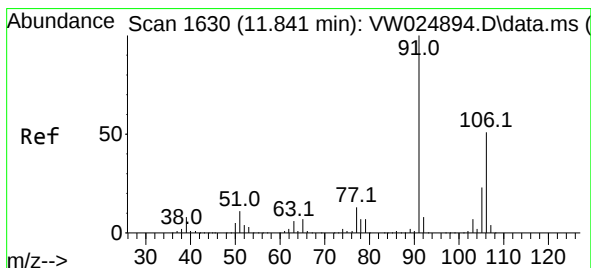
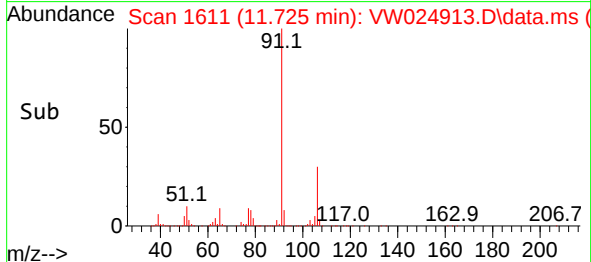
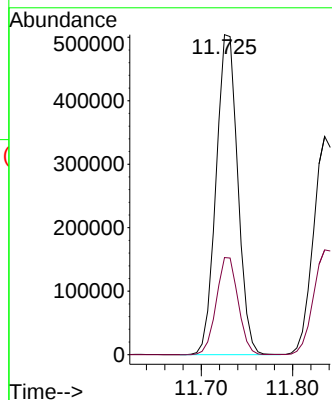
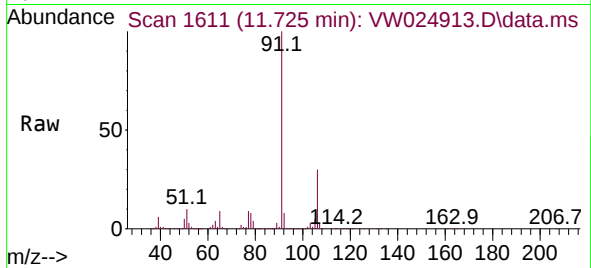




#52
Ethylbenzene
Concen: 27.779 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

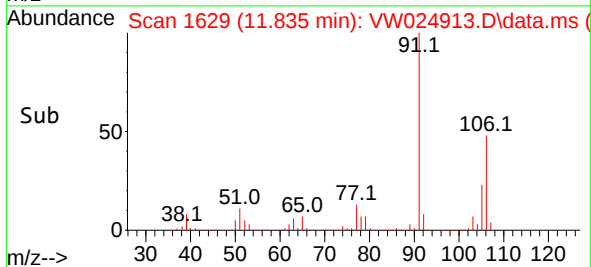
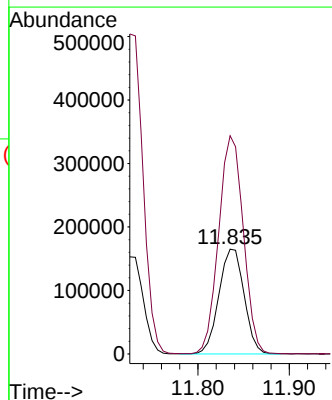
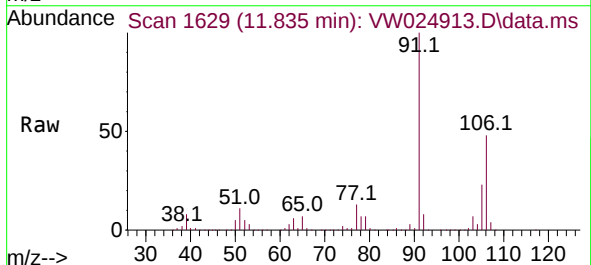
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

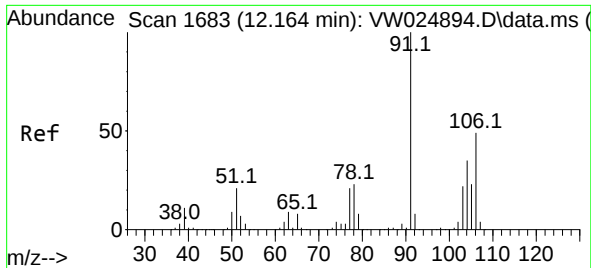
Tgt Ion: 91 Resp: 830786
Ion Ratio Lower Upper
91 100
106 30.3 20.1 37.3



#53
m,p-Xylene
Concen: 27.871 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion:106 Resp: 316684
Ion Ratio Lower Upper
106 100
91 208.1 147.4 273.8

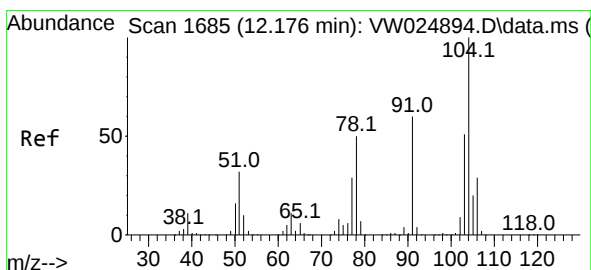
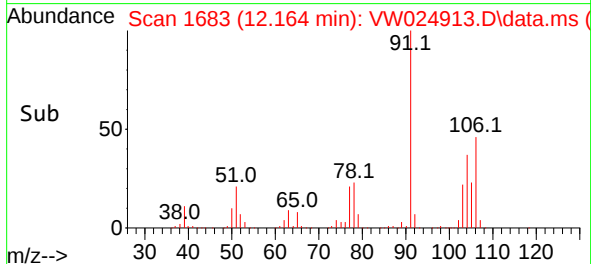
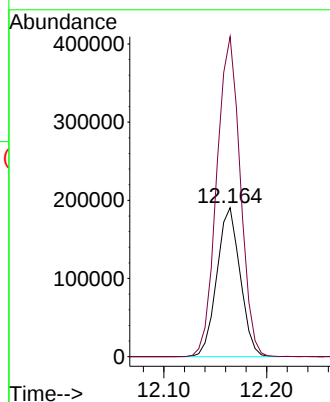
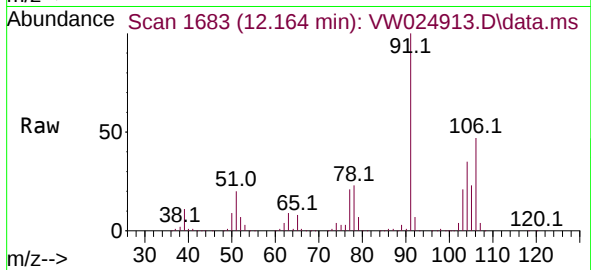




#54
o-Xylene
Concen: 27.662 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

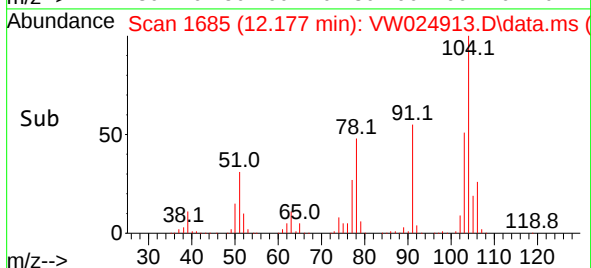
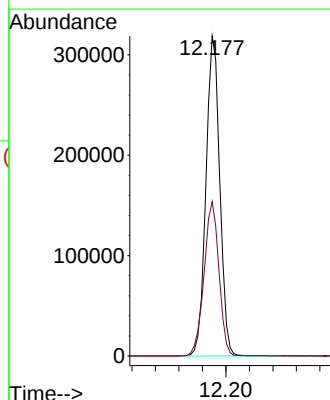
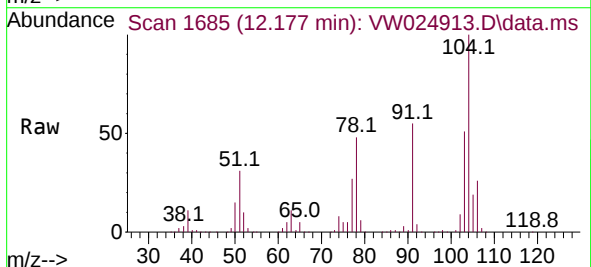
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

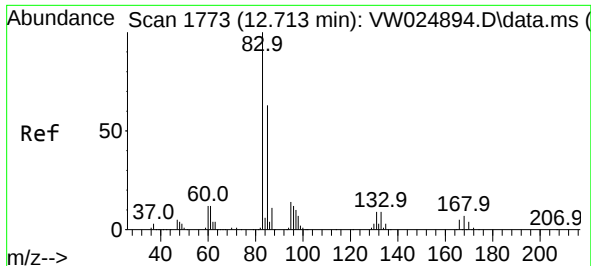
Tgt Ion:106 Resp: 299274
Ion Ratio Lower Upper
106 100
91 214.9 151.0 280.4



#55
Styrene
Concen: 28.078 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion:104 Resp: 521020
Ion Ratio Lower Upper
104 100
78 48.2 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 27.688 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

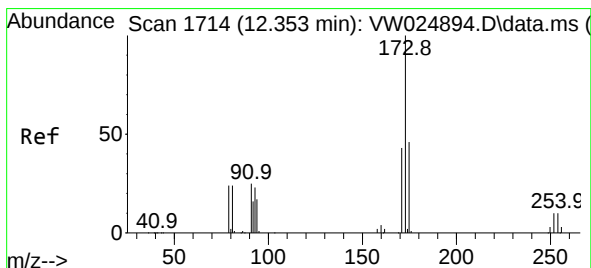
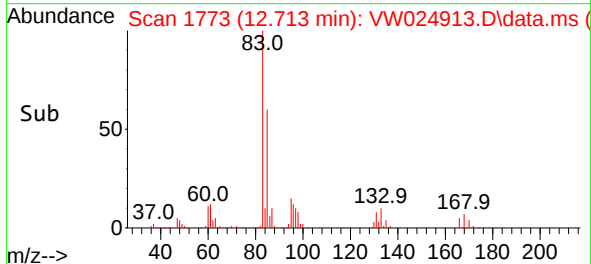
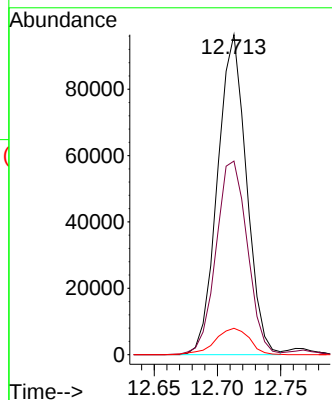
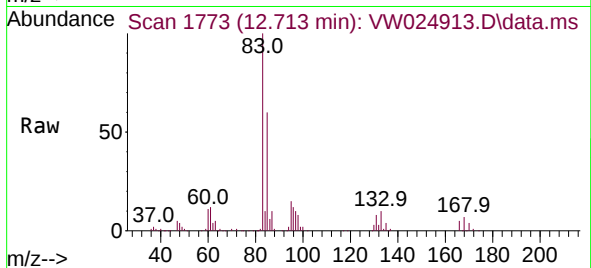
Tgt Ion: 83 Resp: 153182

Ion Ratio Lower Upper

83 100

85 60.5 44.5 82.7

131 8.3 6.8 10.2



#59

Bromoform

Concen: 26.876 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

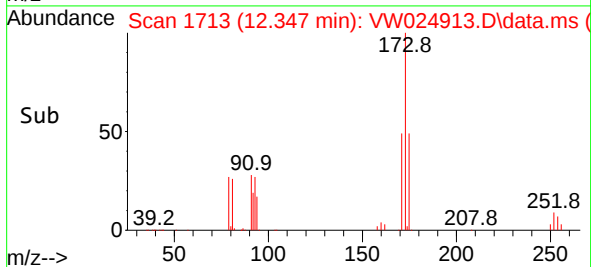
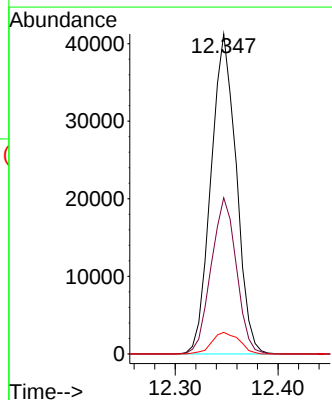
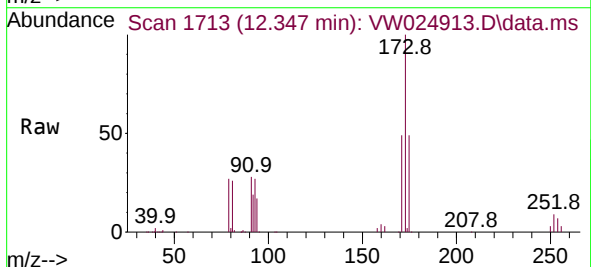
Tgt Ion: 173 Resp: 70323

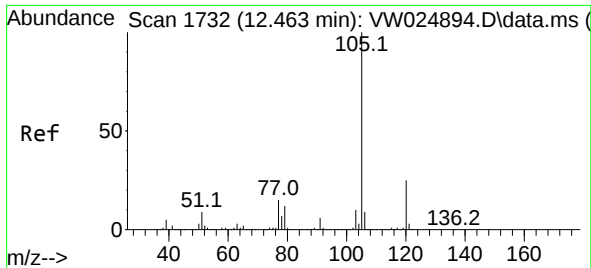
Ion Ratio Lower Upper

173 100

175 48.7 38.6 58.0

254 7.3 4.8 7.2#

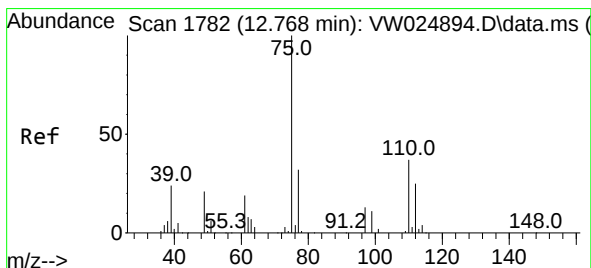
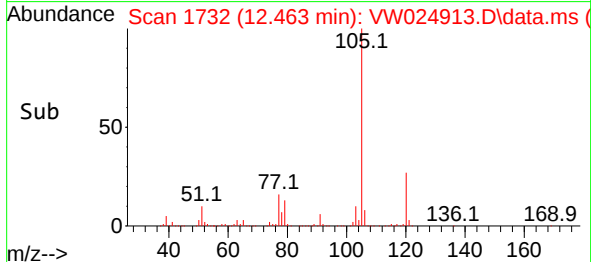
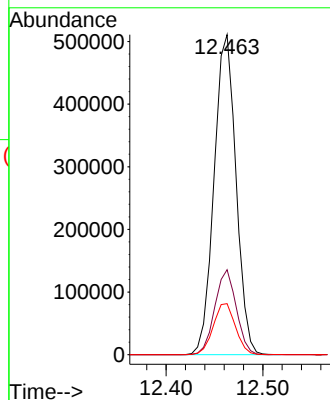
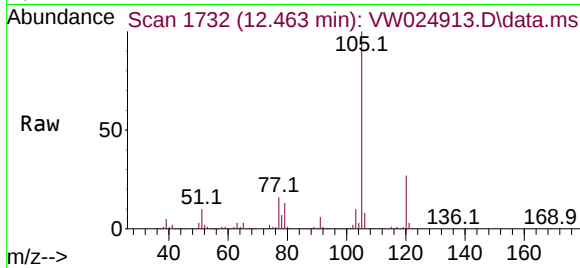




#60
Isopropylbenzene
Concen: 25.520 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

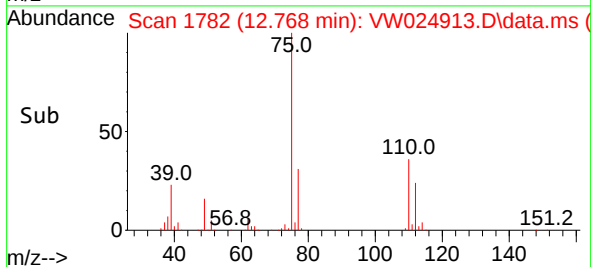
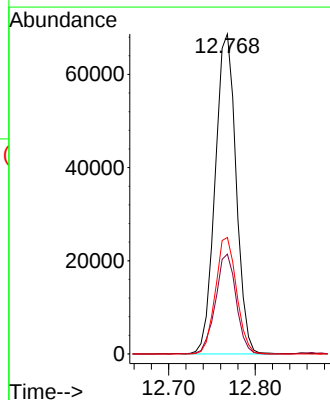
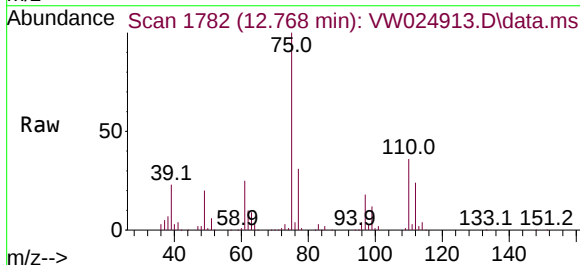
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

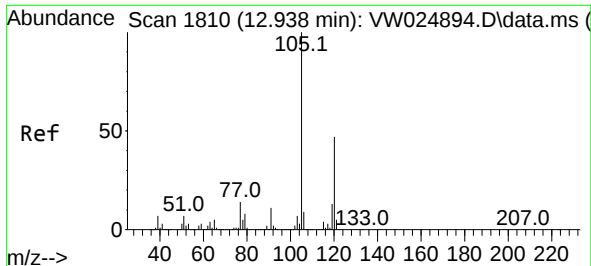
Tgt Ion:105 Resp: 804976
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 26.787 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 75 Resp: 115177
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
110 36.7 30.8 46.2

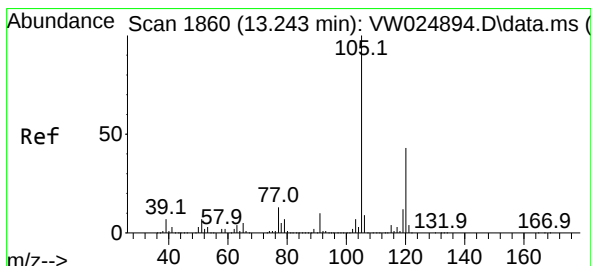
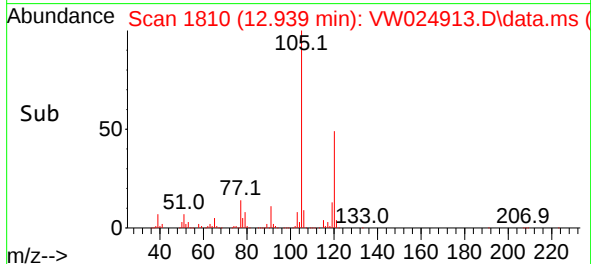
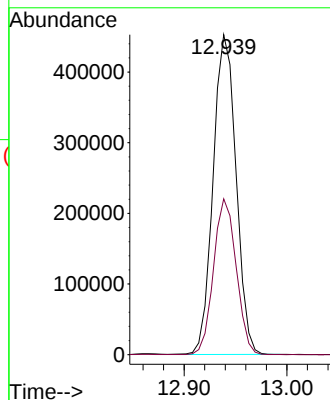
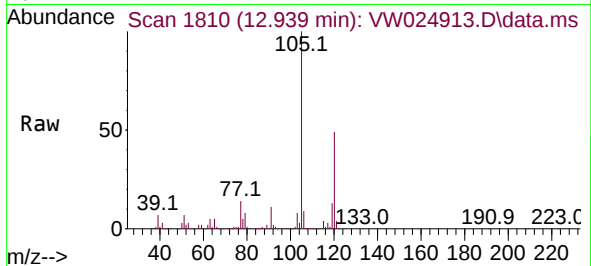




#62
1,3,5-Trimethylbenzene
Concen: 25.902 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

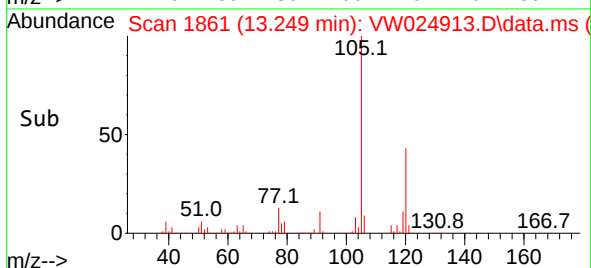
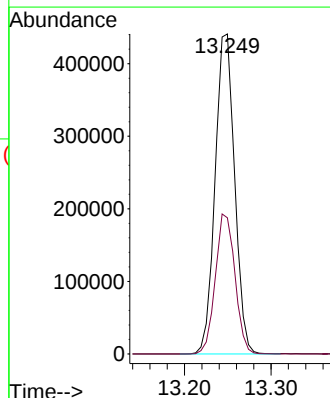
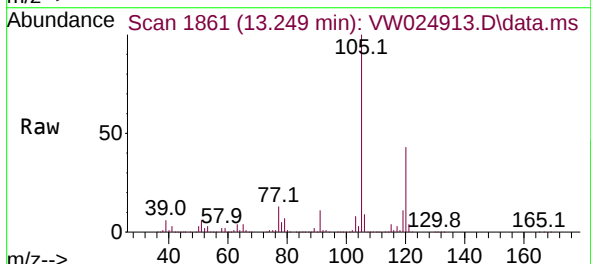
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

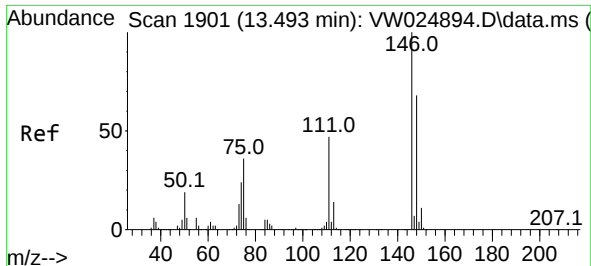
Tgt Ion:105 Resp: 701478
Ion Ratio Lower Upper
105 100
120 48.2 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 26.454 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion:105 Resp: 690767
Ion Ratio Lower Upper
105 100
120 43.9 34.8 52.2

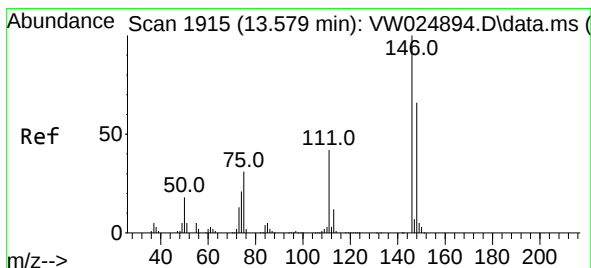
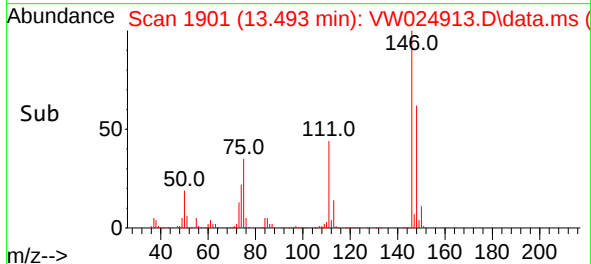
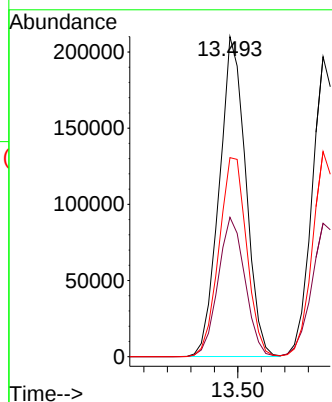
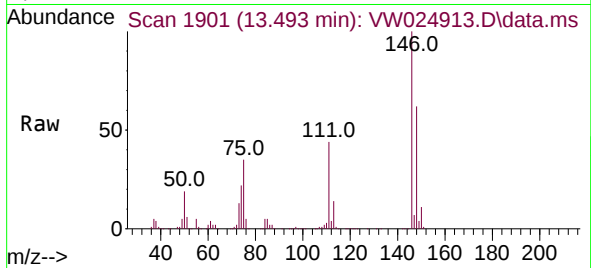




#64
1,3-Dichlorobenzene
Concen: 25.599 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

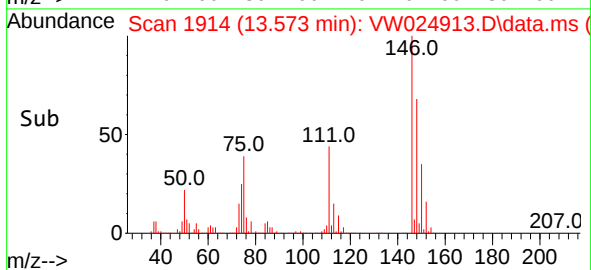
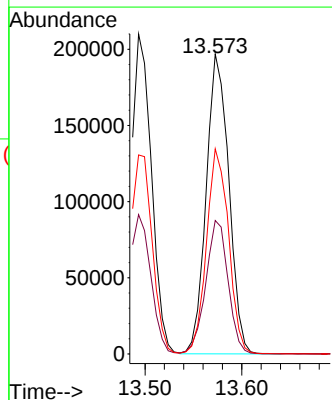
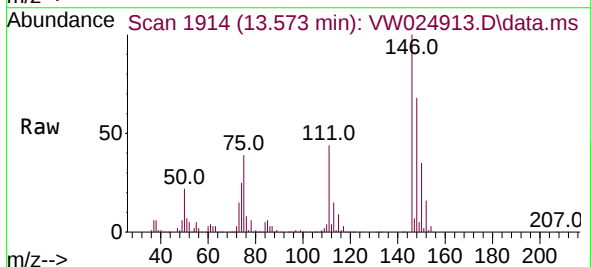
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

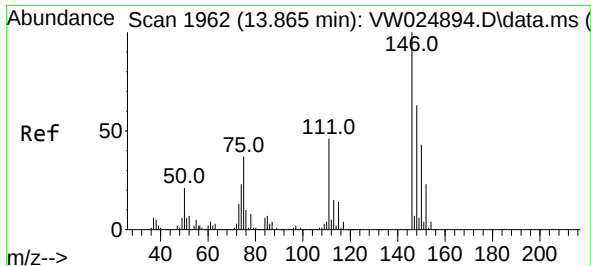
Tgt Ion:146 Resp: 328855
Ion Ratio Lower Upper
146 100
111 43.5 31.7 58.9
148 62.2 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 24.632 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion:146 Resp: 320299
Ion Ratio Lower Upper
146 100
111 44.5 27.4 50.8
148 68.4 42.8 79.6

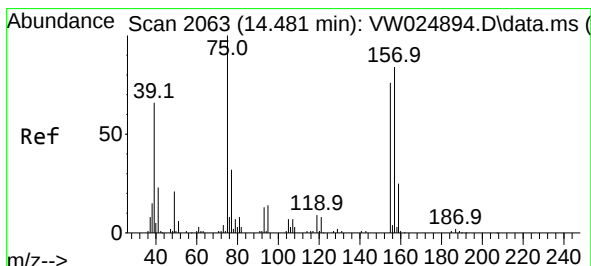
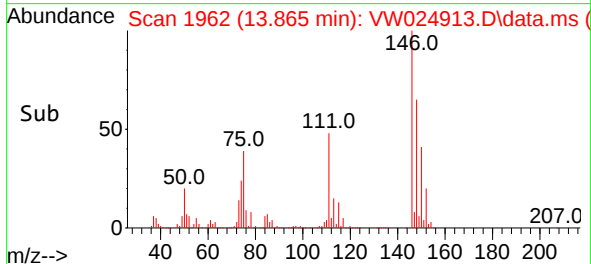
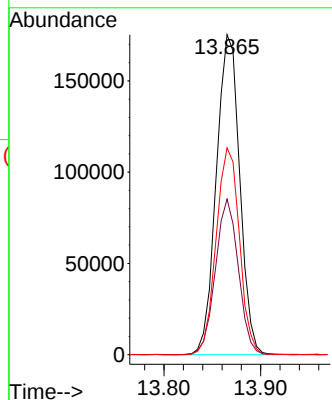
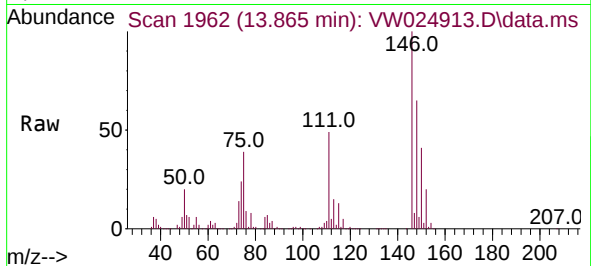




#67
1,2-Dichlorobenzene
Concen: 25.767 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

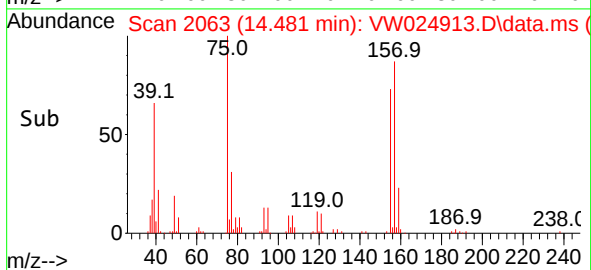
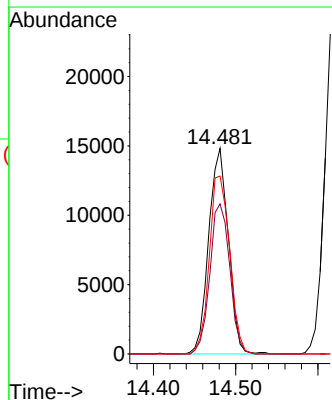
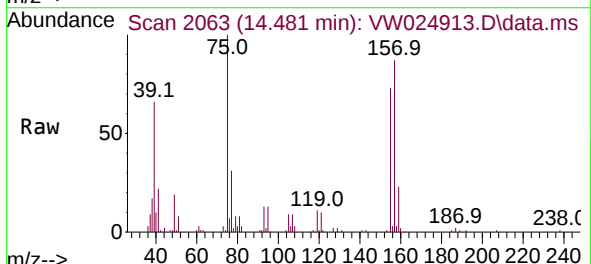
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

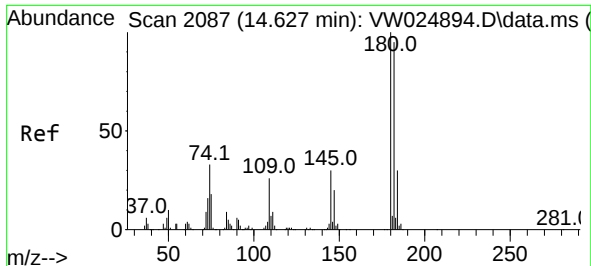
Tgt Ion:146 Resp: 294222
Ion Ratio Lower Upper
146 100
111 48.6 36.9 55.3
148 64.6 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.342 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion: 75 Resp: 24619
Ion Ratio Lower Upper
75 100
155 73.0 56.2 84.4
157 86.6 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 24.330 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

Tgt Ion:180 Resp: 204067

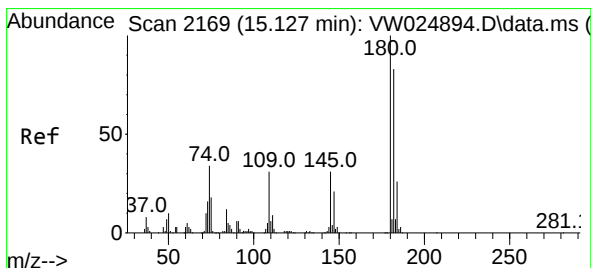
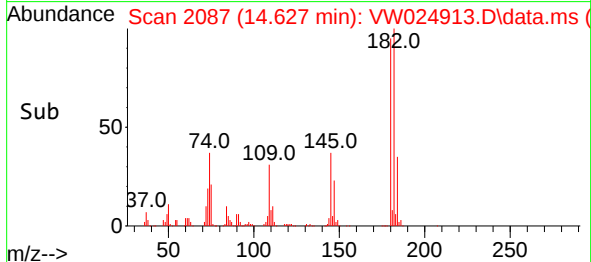
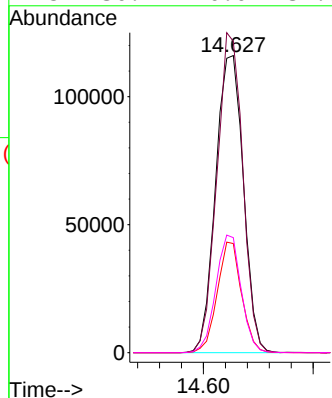
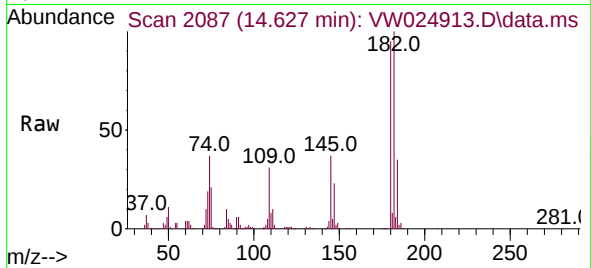
Ion Ratio Lower Upper

180 100

182 100.6 75.0 112.6

184 32.6 22.9 34.3

145 36.1 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 27.489 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024913.D

Acq: 13 Oct 2022 18:59

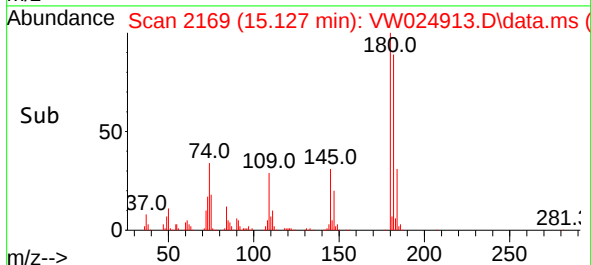
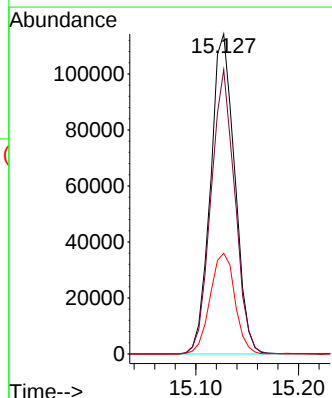
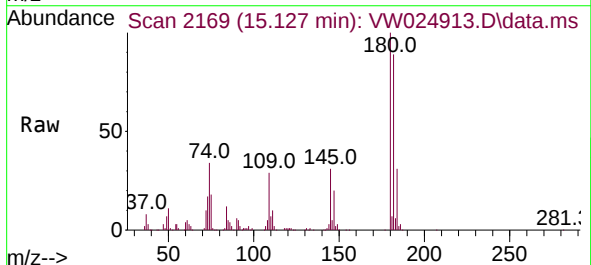
Tgt Ion:180 Resp: 187070

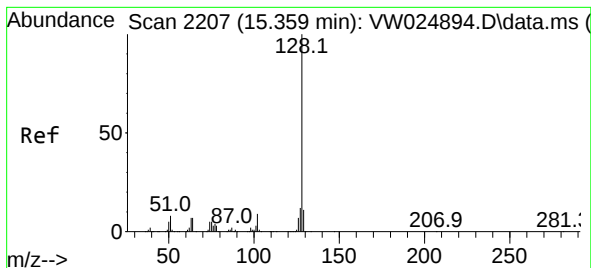
Ion Ratio Lower Upper

180 100

182 87.5 77.7 116.5

145 32.3 29.0 43.4

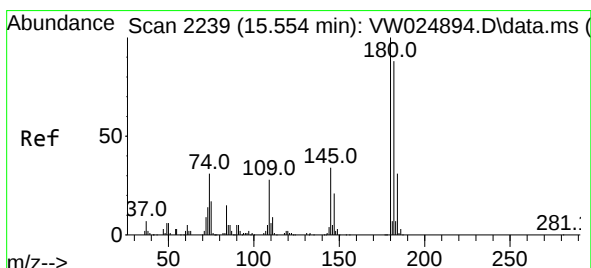
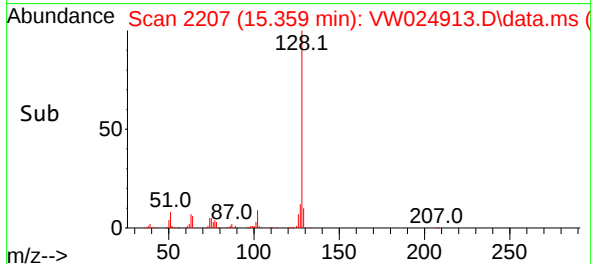
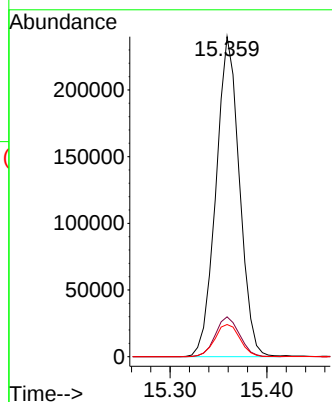
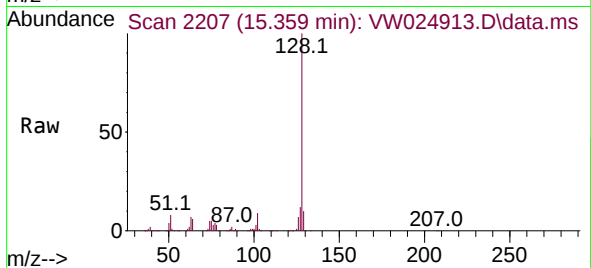




#71
Naphthalene
Concen: 27.425 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

Tgt Ion:128 Resp: 404383
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 26.315 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024913.D
Acq: 13 Oct 2022 18:59

Tgt Ion:180 Resp: 152848
Ion Ratio Lower Upper
180 100
182 92.7 75.1 112.7
145 35.3 29.9 44.9

