

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102722\
 Data File : VW024993.D
 Acq On : 27 Oct 2022 11:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Oct 27 23:47:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:48:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	292059	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	267600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138486	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	73183	22.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
7) Chloroethane-d5	2.891	69	42577	22.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	4.031	63	191831	23.492	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.960%
21) 2-Butanone-d5	7.086	46	43632	39.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.880%
24) Chloroform-d	7.647	84	216992	24.482	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	8.305	65	117908	23.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	8.275	84	415879	24.247	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	9.274	67	116731	23.227	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.323	98	385244	24.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.520%
43) trans-1,3-Dichloroprop...	10.579	79	52374	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.920	63	36485	42.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87661	21.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	124014	23.302	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	24410	25.058	ug/L	100
3) Chloromethane	2.221	50	52804	22.537	ug/L	97
5) Vinyl chloride	2.367	62	78380	24.211	ug/L	92
6) Bromomethane	2.782	94	38657	23.928	ug/L	92
8) Chloroethane	2.928	64	31262	23.149	ug/L	99
9) Trichlorofluoromethane	3.263	101	62207	22.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	95756	24.899	ug/L	99
12) 1,1-Dichloroethene	4.044	96	90818	25.068	ug/L	92
13) Acetone	4.135	43	28132	35.792	ug/L	95
14) Carbon disulfide	4.391	76	258798	24.454	ug/L	98
15) Methyl Acetate	4.678	43	34039	21.753	ug/L	100
16) Methylene chloride	4.922	84	99408	19.170	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	97801	25.211	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	154933	23.809	ug/L	99
19) 1,1-Dichloroethane	6.220	63	181120	25.218	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	107839	25.505	ug/L	99
22) 2-Butanone	7.177	43	44110	37.458	ug/L	99
23) Bromochloromethane	7.519	128	45186	24.651	ug/L	92
25) Chloroform	7.677	83	195983	25.855	ug/L	95

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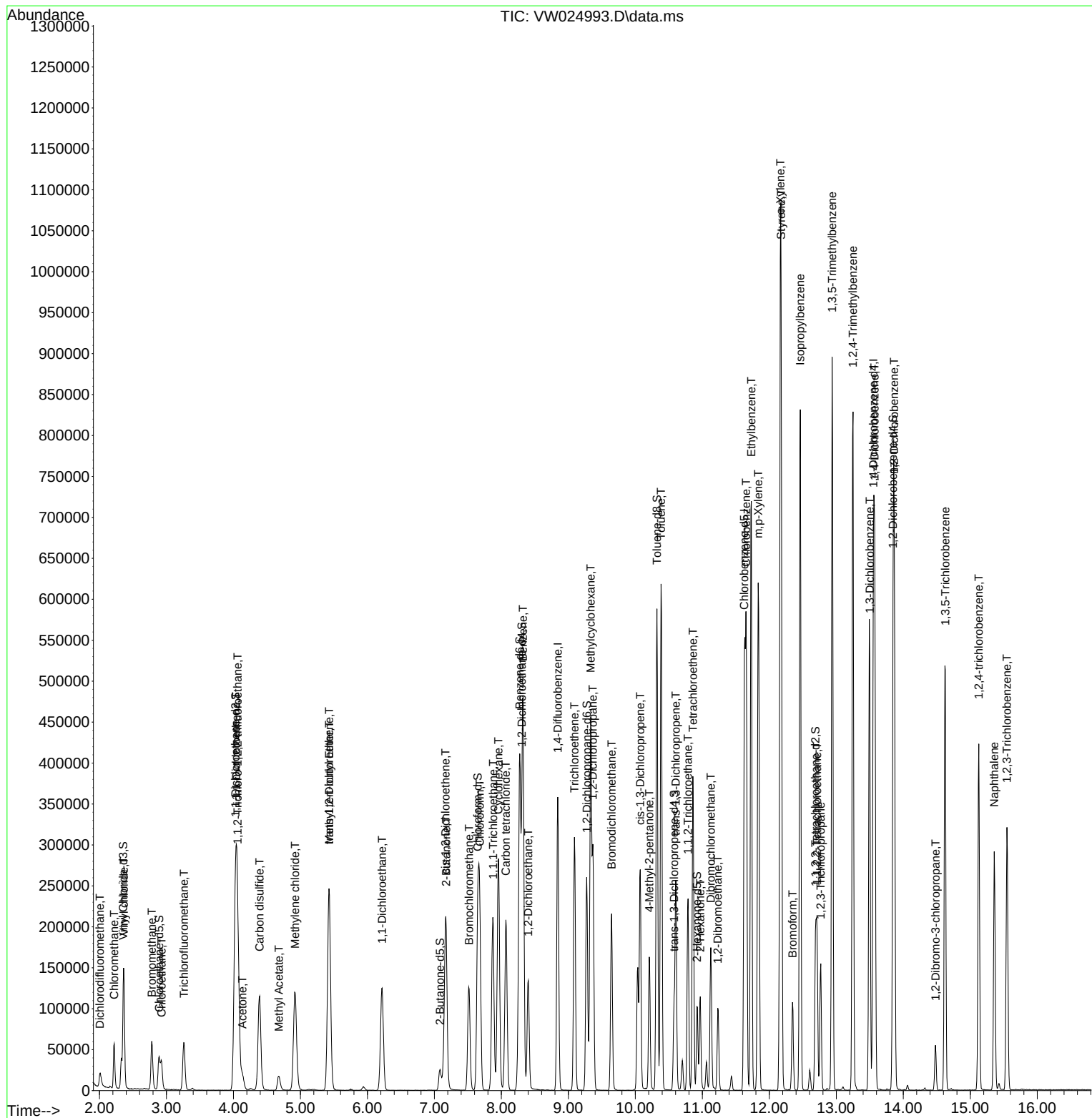
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	129547	25.196	ug/L	98
29) Cyclohexane	7.958	56	156942	24.838	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	172132	26.285	ug/L	98
31) Carbon tetrachloride	8.067	117	157229	26.869	ug/L	97
33) Benzene	8.323	78	404116	25.077	ug/L	100
34) Trichloroethene	9.091	95	107828	25.277	ug/L	95
35) Methylcyclohexane	9.335	83	182727	25.209	ug/L	99
37) 1,2-Dichloropropane	9.366	63	98269	25.125	ug/L	99
38) Bromodichloromethane	9.646	83	143767	26.337	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	159208	25.749	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	101291	44.132	ug/L	99
42) Toluene	10.384	91	439834	25.709	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	139072	25.300	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	72484	24.545	ug/L	97
46) Tetrachloroethene	10.859	164	77798	25.501	ug/L	94
48) 2-Hexanone	10.969	43	69787	43.965	ug/L	98
49) Dibromochloromethane	11.128	129	89392	24.833	ug/L	87
50) 1,2-Dibromoethane	11.231	107	67196	24.059	ug/L	100
51) Chlorobenzene	11.652	112	283319	25.548	ug/L	99
52) Ethylbenzene	11.731	91	511535	25.903	ug/L	99
53) m,p-Xylene	11.835	106	192134	25.134	ug/L	97
54) o-Xylene	12.164	106	184745	25.617	ug/L	93
55) Styrene	12.176	104	319962	25.544	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	84275	23.789	ug/L	95
59) Bromoform	12.347	173	47672	24.338	ug/L	98
60) Isopropylbenzene	12.463	105	523988	25.167	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	62090	22.316	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	464209	25.684	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	457995	25.842	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	221587	25.517	ug/L	89
65) 1,4-Dichlorobenzene	13.572	146	216215	24.953	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	189116	24.221	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	14721	22.896	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	148815	25.874	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	118827	26.581	ug/L	97
71) Naphthalene	15.359	128	234710	24.888	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	99677	25.590	ug/L	98

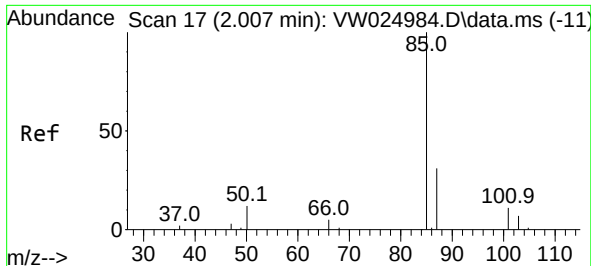
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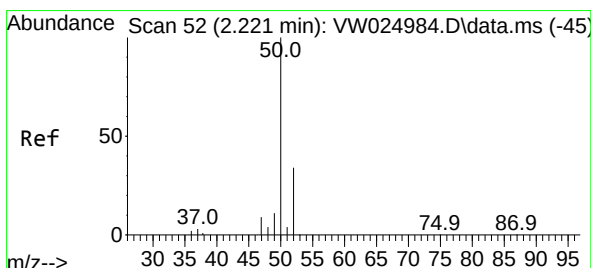
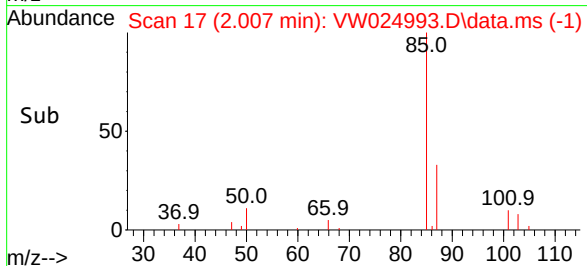
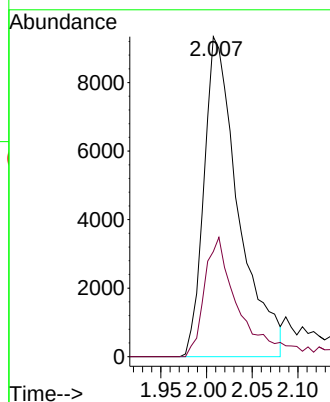
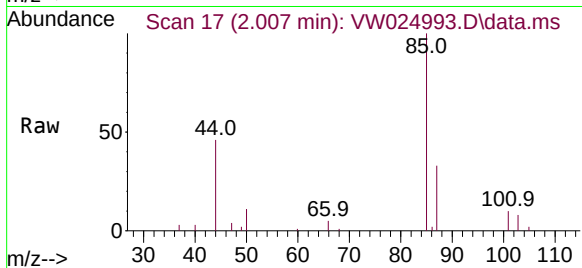




#2
 Dichlorodifluoromethane
 Concen: 25.058 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024993.D
 Acq: 27 Oct 2022 11:59

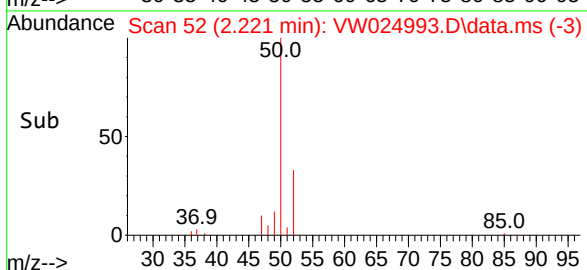
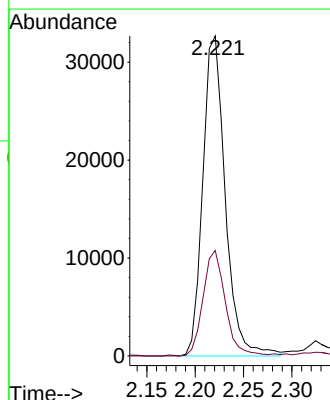
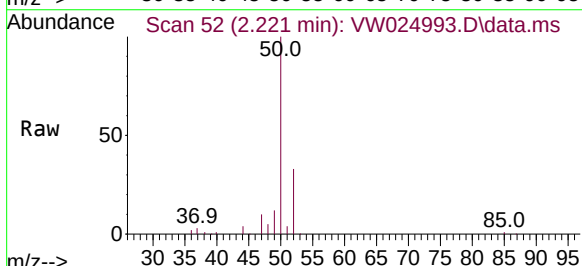
Instrument :
 MSVOA_W
 ClientSampleId :
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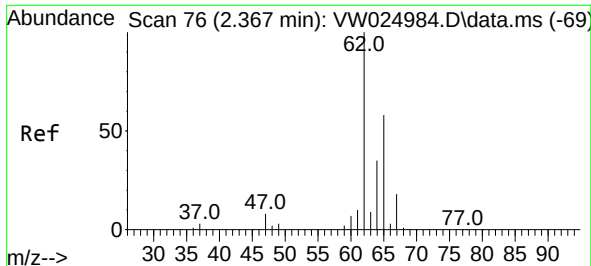
Tgt Ion: 85 Resp: 24410
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 22.537 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024993.D
 Acq: 27 Oct 2022 11:59

Tgt Ion: 50 Resp: 52804
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.1 44.8

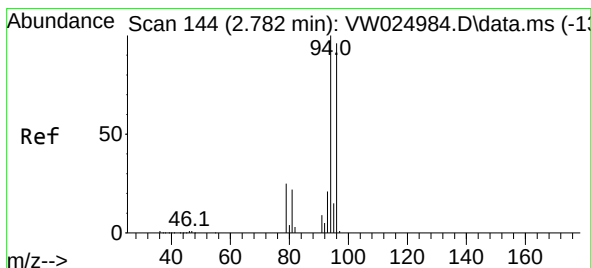
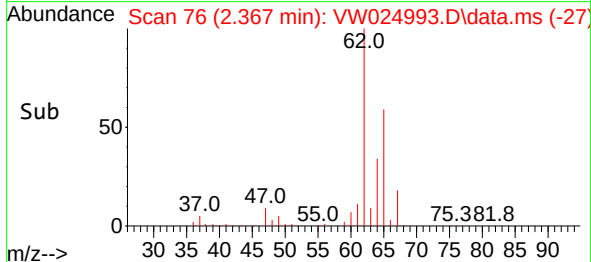
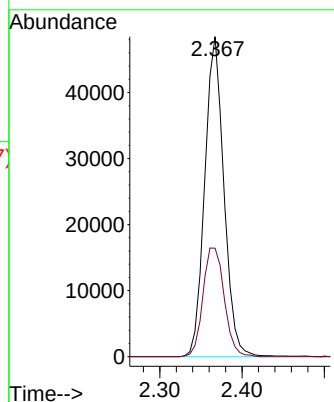
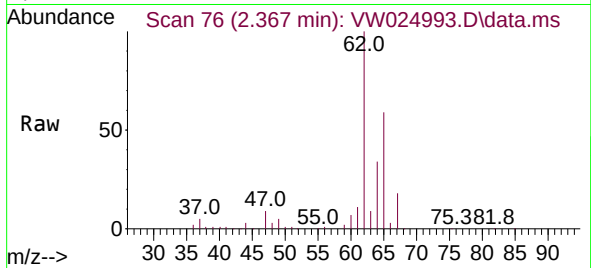




#5
 Vinyl chloride
 Concen: 24.211 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024993.D
 Acq: 27 Oct 2022 11:59

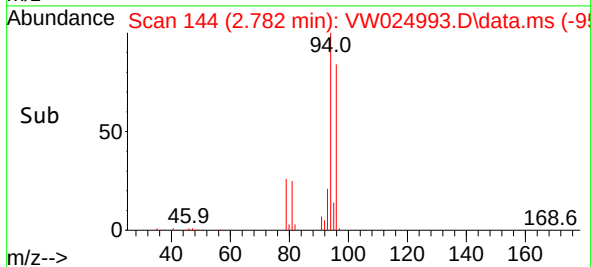
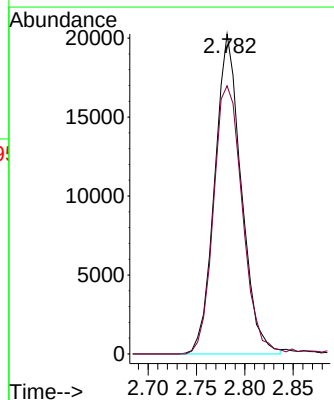
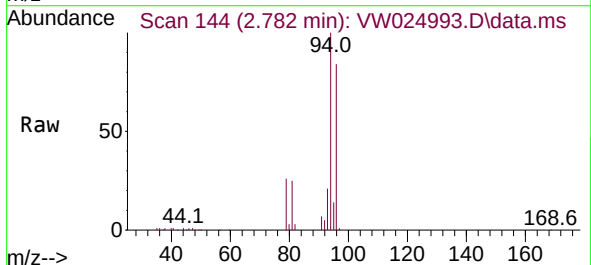
Instrument :
 MSVOA_W
 ClientSampleId :
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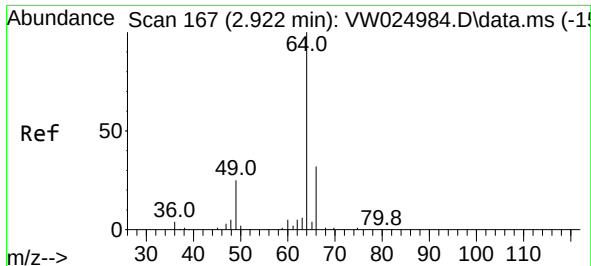
Tgt Ion: 62 Resp: 78380
 Ion Ratio Lower Upper
 62 100
 64 33.9 27.2 50.6



#6
 Bromomethane
 Concen: 23.928 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024993.D
 Acq: 27 Oct 2022 11:59

Tgt Ion: 94 Resp: 38657
 Ion Ratio Lower Upper
 94 100
 96 83.8 63.8 118.6

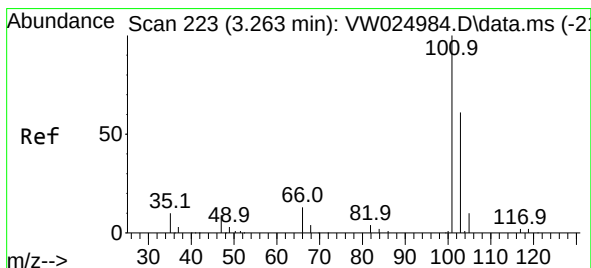
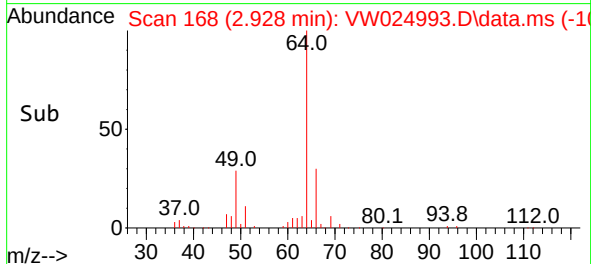
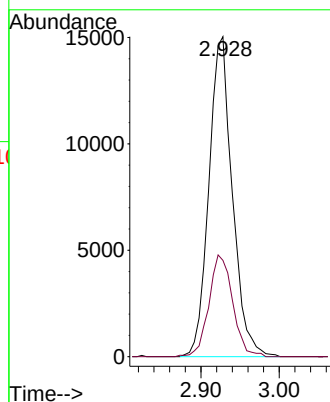
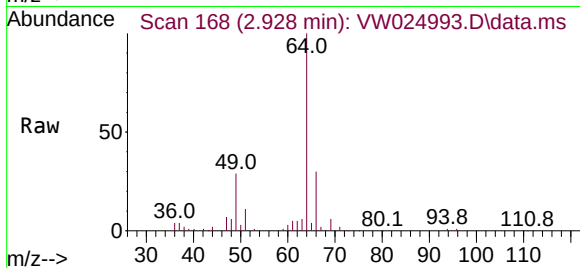




#8
Chloroethane
Concen: 23.149 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

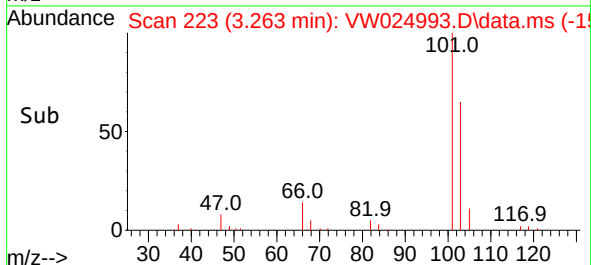
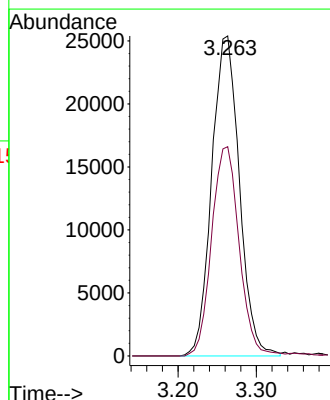
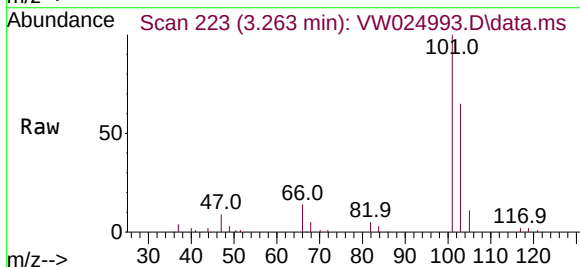
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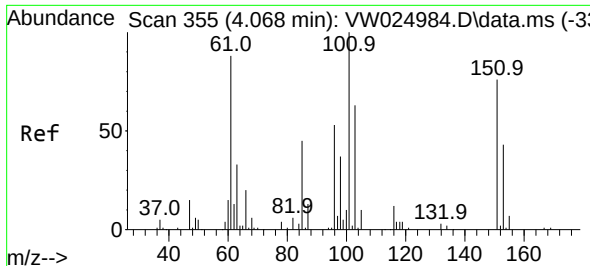
Tgt Ion: 64 Resp: 31262
Ion Ratio Lower Upper
64 100
66 30.1 21.6 40.2



#9
Trichlorofluoromethane
Concen: 22.906 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 101 Resp: 62207
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

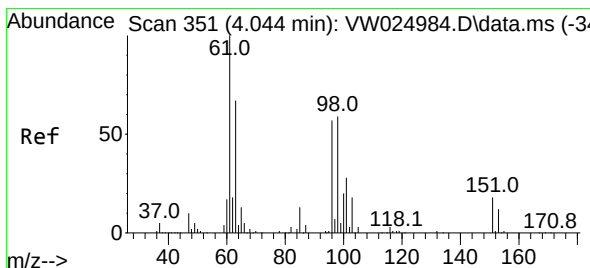
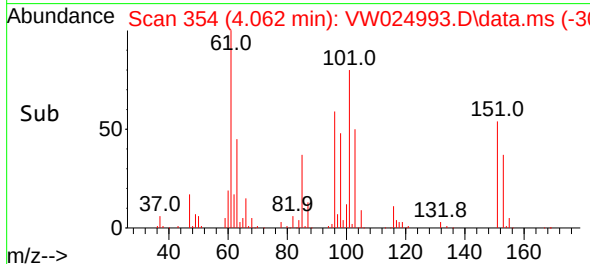
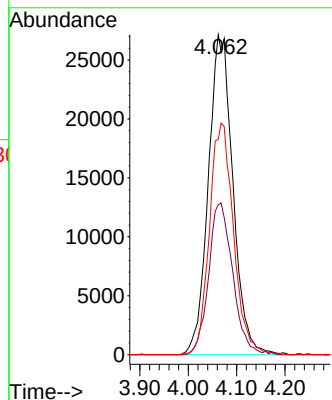
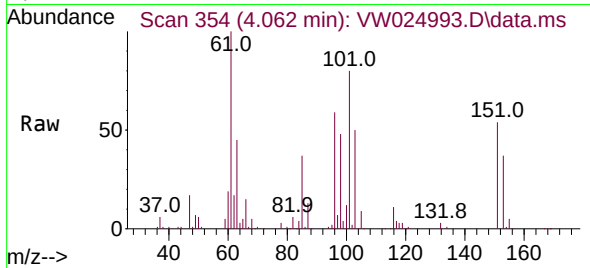




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.899 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW024993.D
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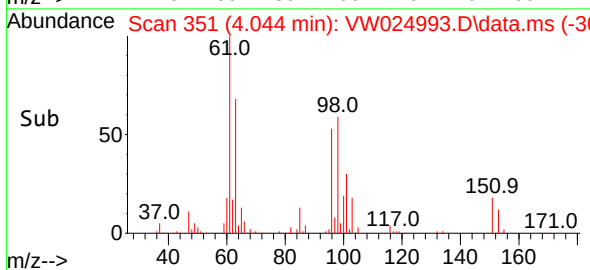
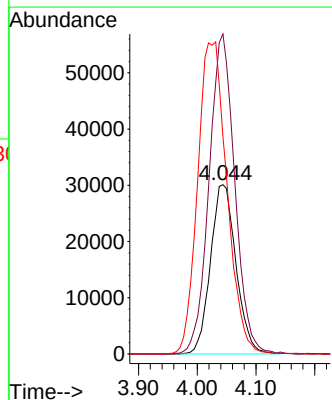
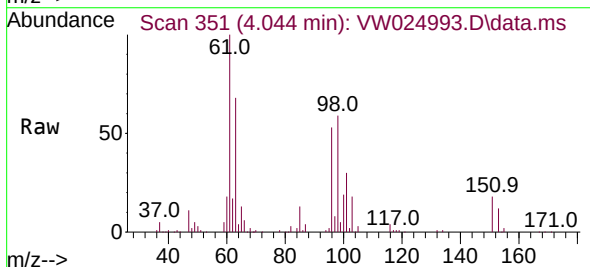
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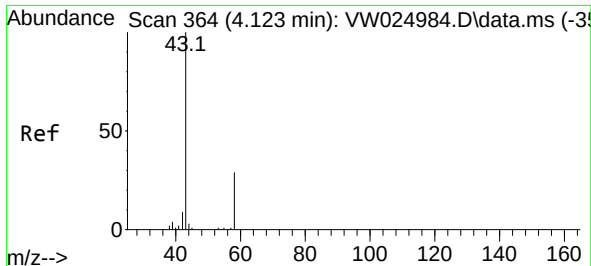
Tgt Ion:101 Resp: 95756
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.5 54.7
 151 70.9 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 25.068 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024993.D
 Acq: 27 Oct 2022 11:59

Tgt Ion: 96 Resp: 90818
 Ion Ratio Lower Upper
 96 100
 61 189.1 126.2 234.4
 63 128.6 98.3 182.7





#13

Acetone

Concen: 35.792 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW024993.D

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Instrument :

MSVOA_W

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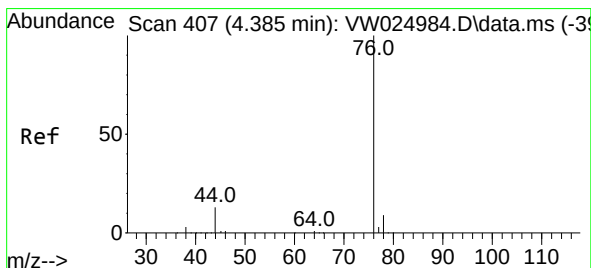
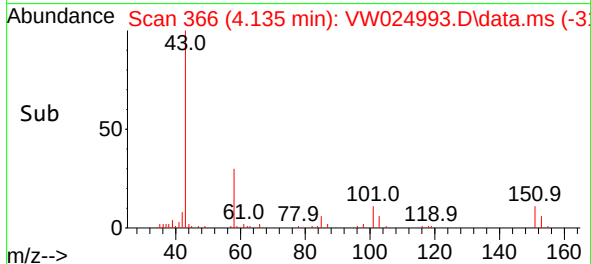
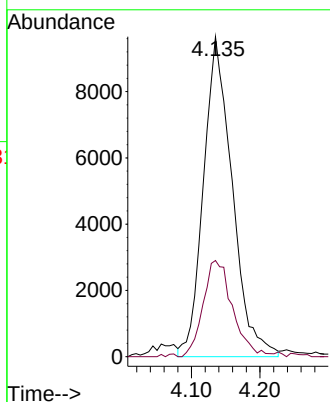
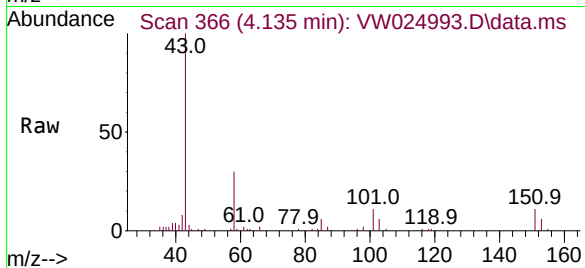
VSTD025481

Tgt Ion: 43 Resp: 28132

Ion Ratio Lower Upper

43 100

58 30.2 0.0 65.4



#14

Carbon disulfide

Concen: 24.454 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

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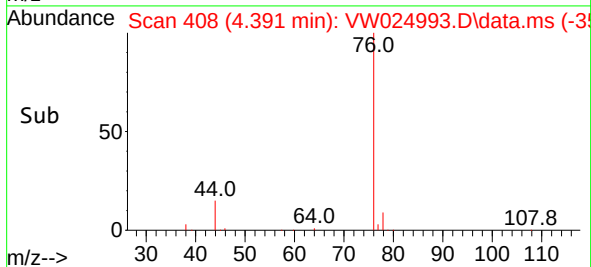
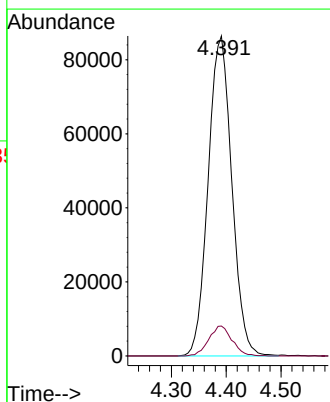
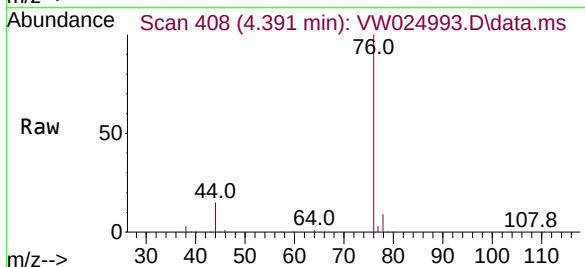
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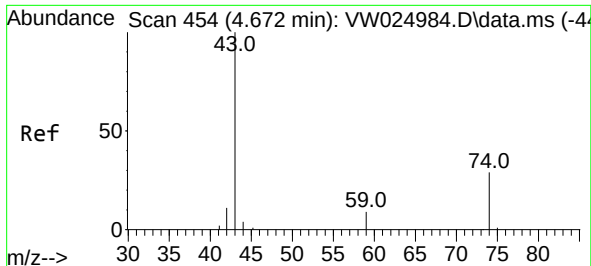
Tgt Ion: 76 Resp: 258798

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

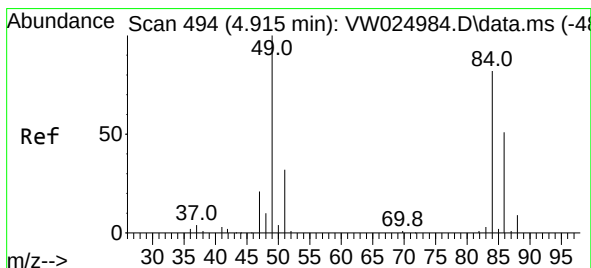
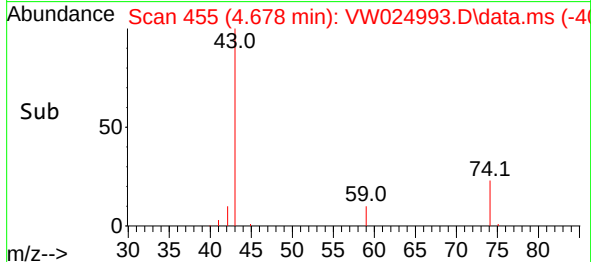
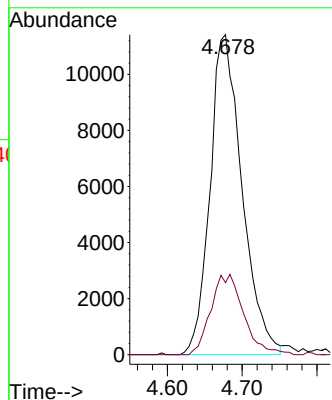
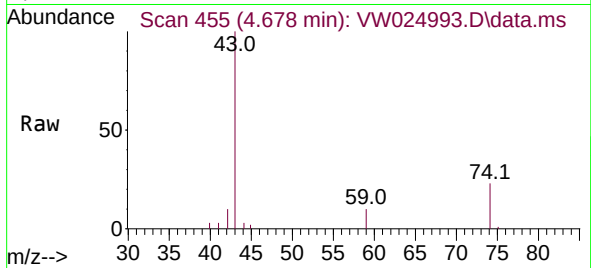




#15
Methyl Acetate
Concen: 21.753 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

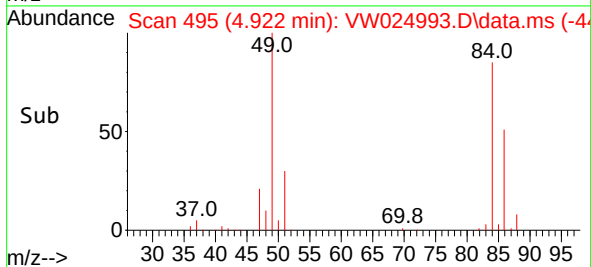
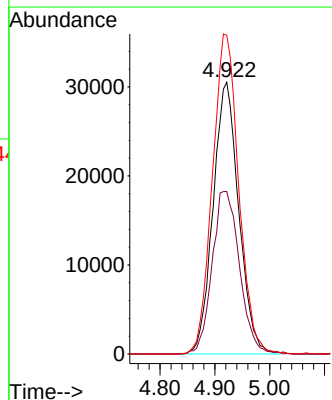
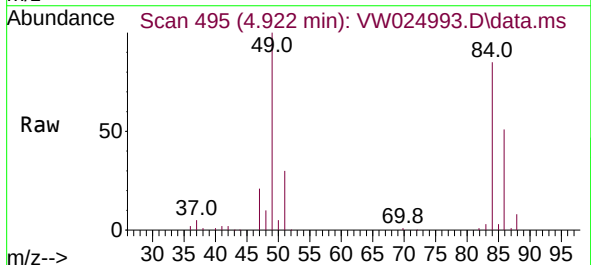
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

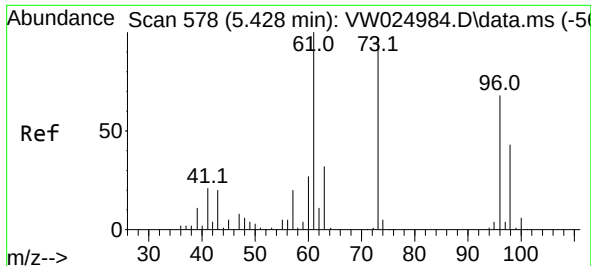
Tgt Ion: 43 Resp: 34039
Ion Ratio Lower Upper
43 100
74 25.7 20.6 30.8



#16
Methylene chloride
Concen: 19.170 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 84 Resp: 99408
Ion Ratio Lower Upper
84 100
86 59.7 42.6 79.0
49 117.3 81.9 152.1

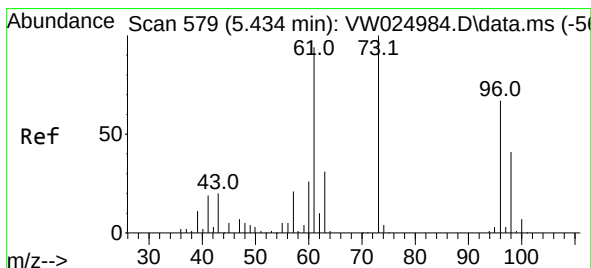
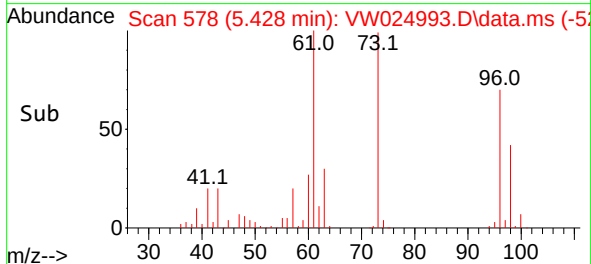
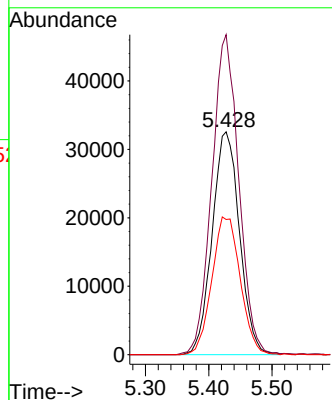
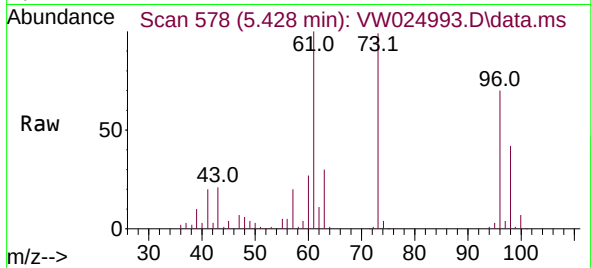




#17
trans-1,2-Dichloroethene
Concen: 25.211 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

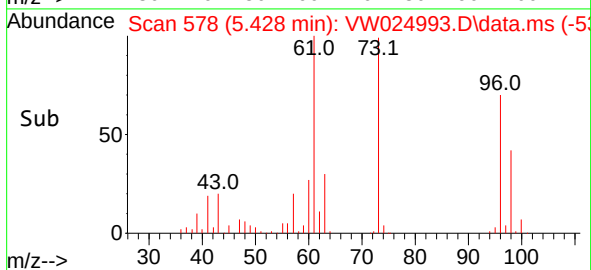
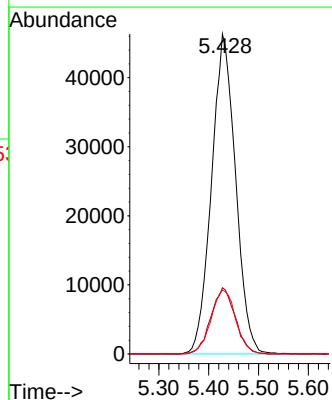
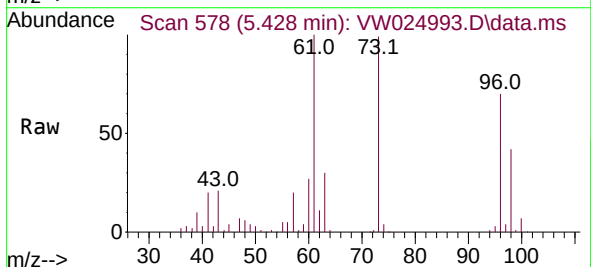
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

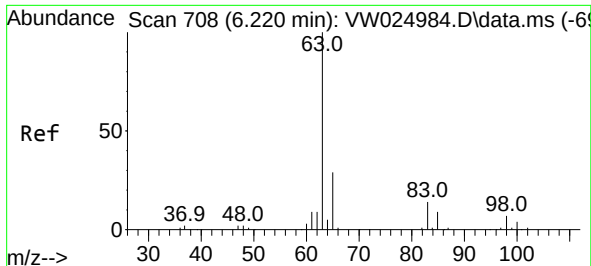
Tgt Ion: 96 Resp: 97801
Ion Ratio Lower Upper
96 100
61 143.6 97.6 181.2
98 60.7 46.8 86.8



#18
Methyl tert-butyl Ether
Concen: 23.809 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 73 Resp: 154933
Ion Ratio Lower Upper
73 100
43 21.0 16.6 24.8
57 20.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 25.218 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

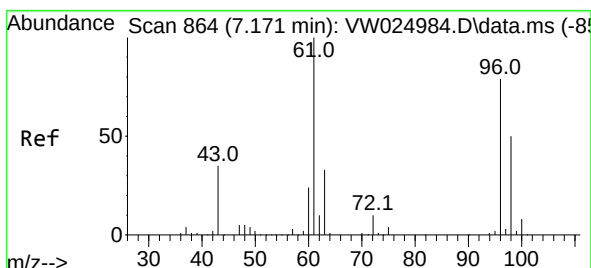
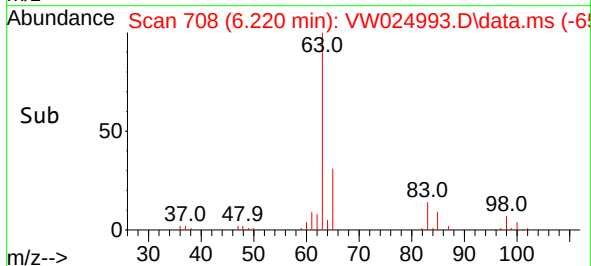
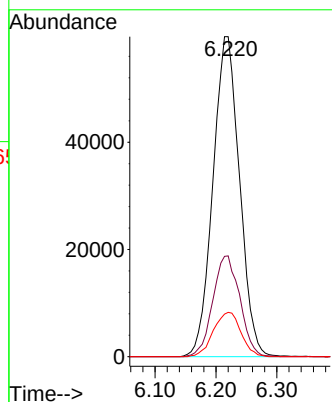
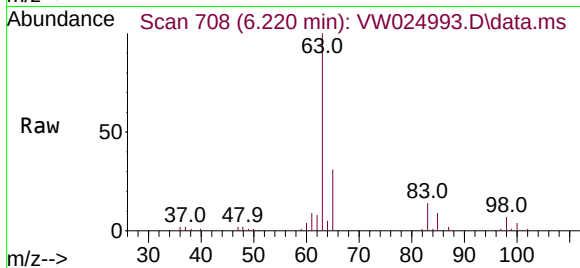
Tgt Ion: 63 Resp: 181120

Ion Ratio Lower Upper

63 100

65 31.5 22.2 41.2

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.505 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

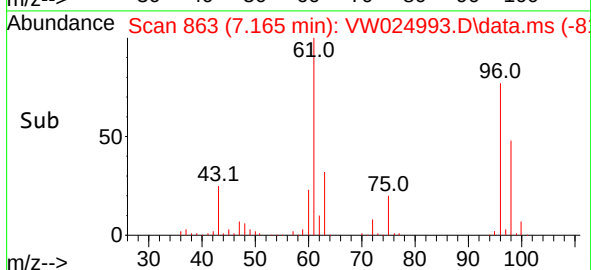
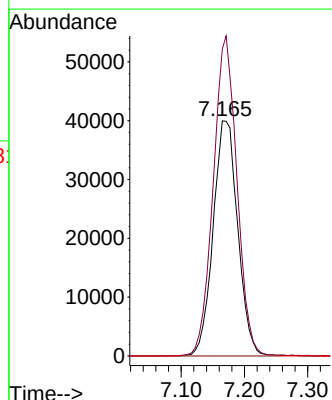
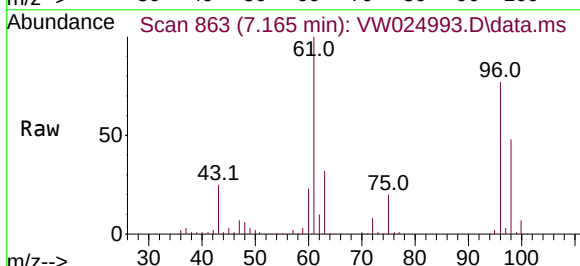
Tgt Ion: 96 Resp: 107839

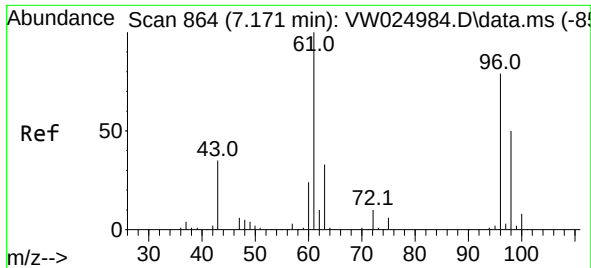
Ion Ratio Lower Upper

96 100

61 130.5 91.8 170.6

68 0.0 0.0 0.0

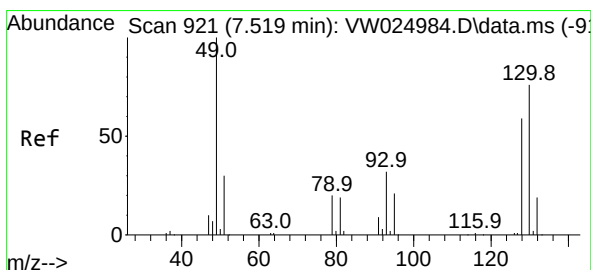
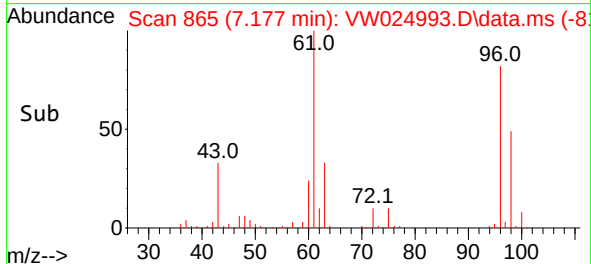
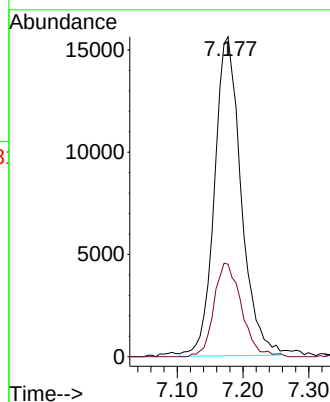
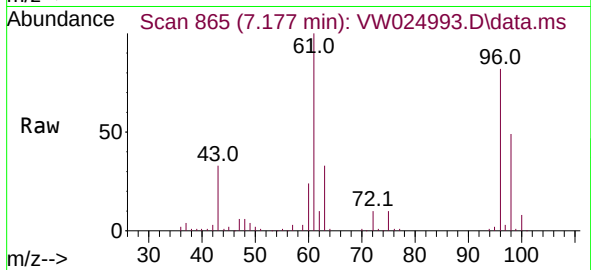




#22
2-Butanone
Concen: 37.458 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

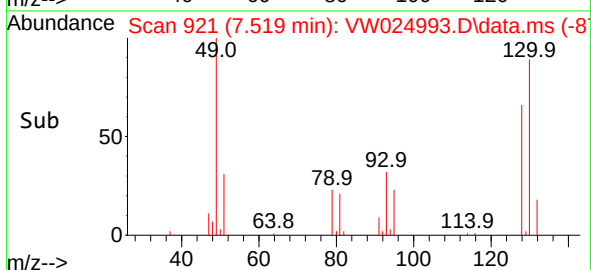
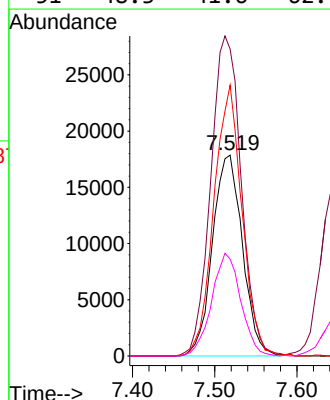
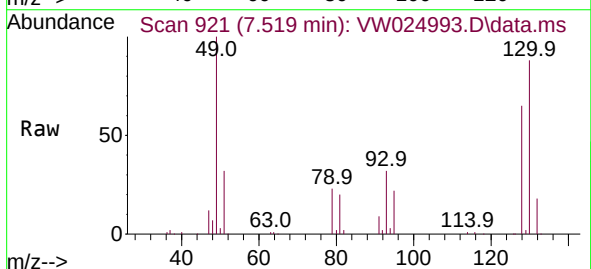
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

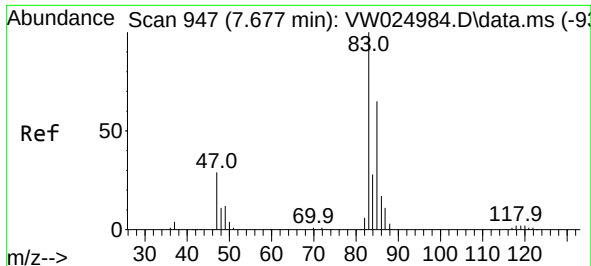
Tgt Ion: 43 Resp: 44110
Ion Ratio Lower Upper
43 100
72 29.6 14.6 44.0



#23
Bromochloromethane
Concen: 24.651 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 128 Resp: 45186
Ion Ratio Lower Upper
128 100
49 152.9 112.8 209.4
130 134.9 86.2 160.2
51 48.3 41.6 62.4

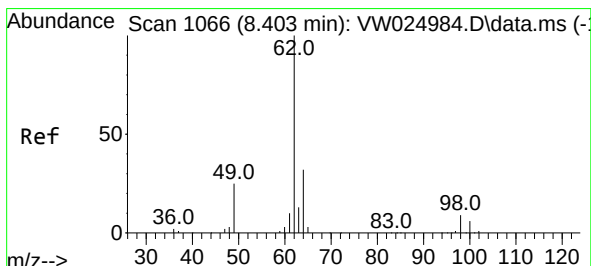
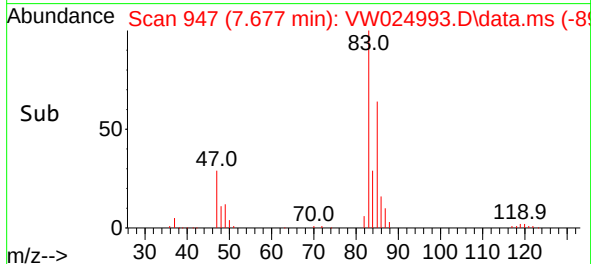
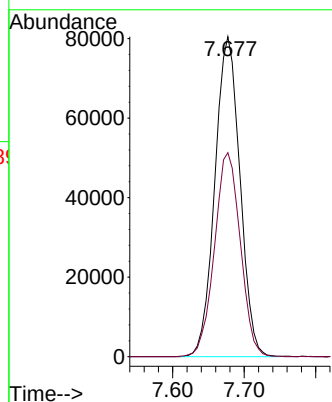
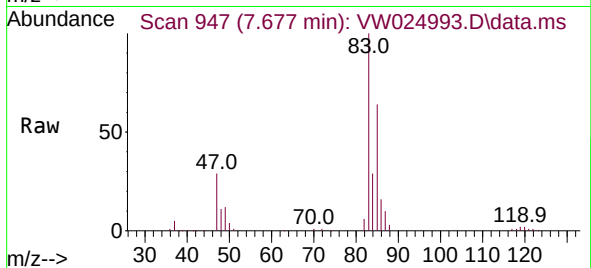




#25
Chloroform
Concen: 25.855 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

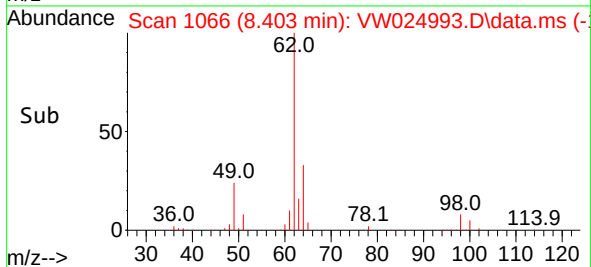
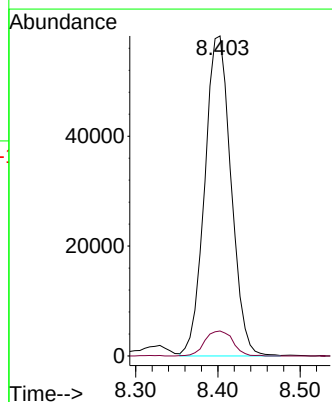
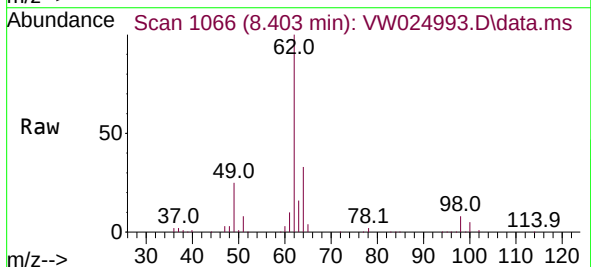
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

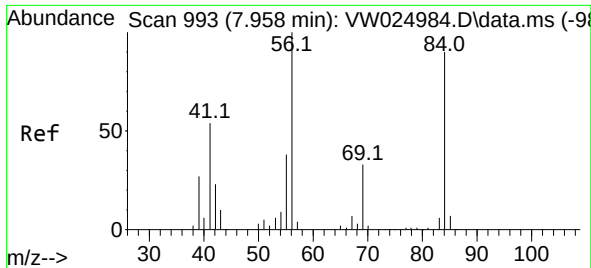
Tgt Ion: 83 Resp: 195983
Ion Ratio Lower Upper
83 100
85 63.8 47.5 88.3



#27
1,2-Dichloroethane
Concen: 25.196 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 62 Resp: 129547
Ion Ratio Lower Upper
62 100
98 7.8 7.0 10.4

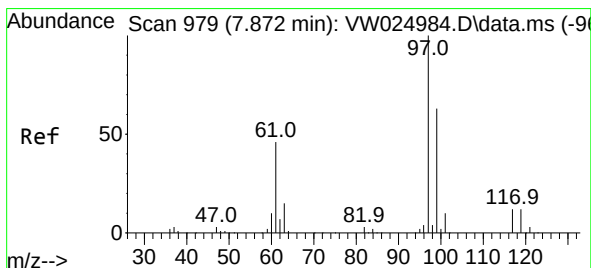
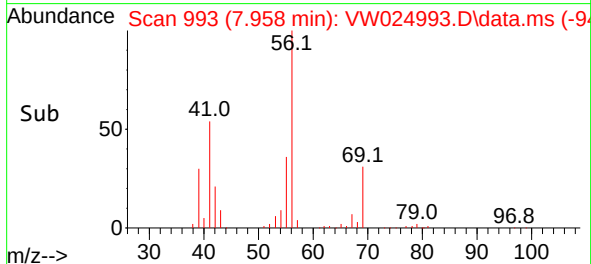
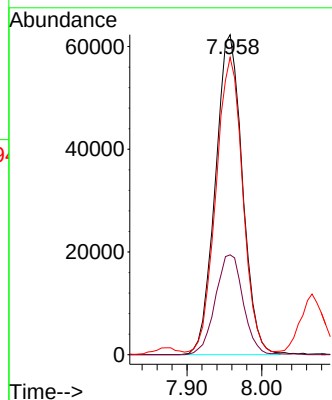
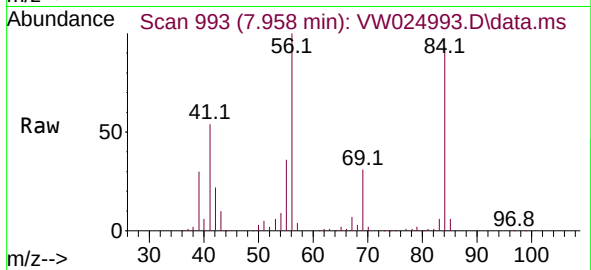




#29
Cyclohexane
Concen: 24.838 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

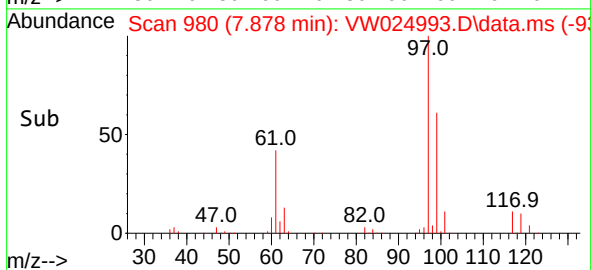
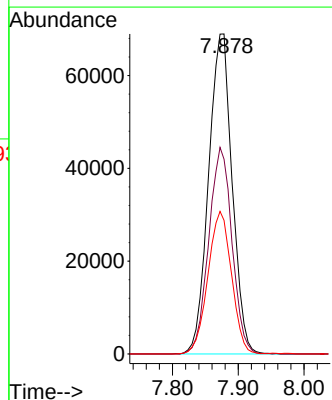
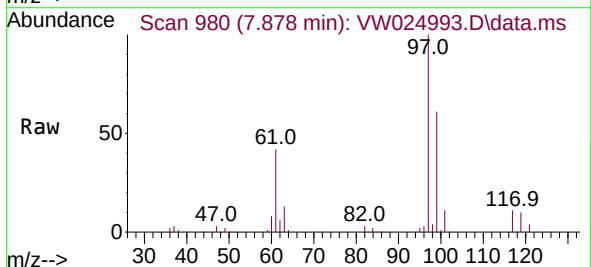
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

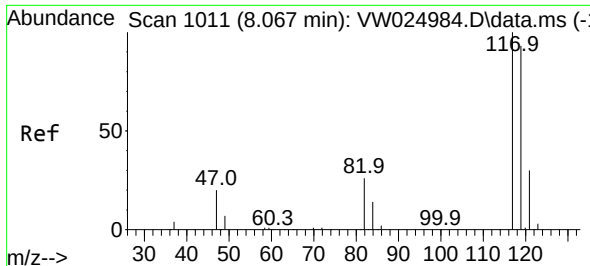
Tgt Ion: 56 Resp: 156942
Ion Ratio Lower Upper
56 100
69 32.0 25.0 37.4
84 92.6 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 26.285 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 97 Resp: 172132
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.8
61 44.5 36.6 54.8

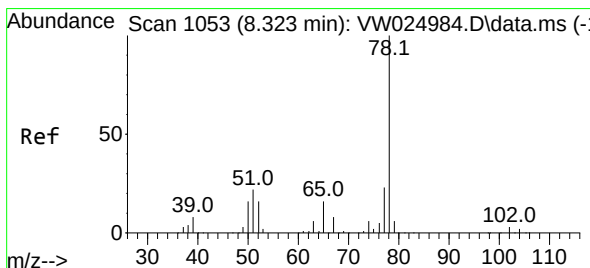
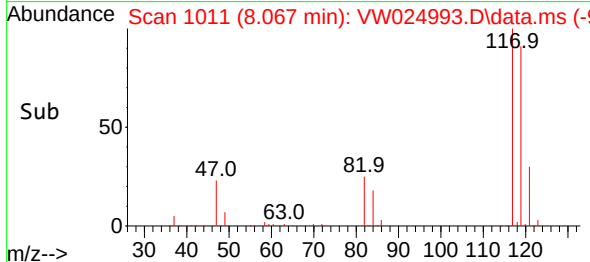
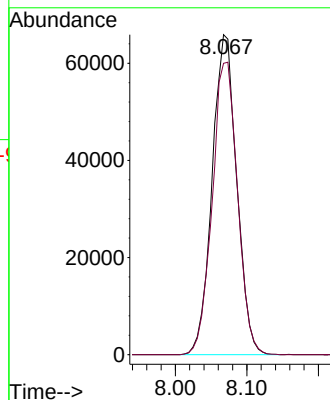
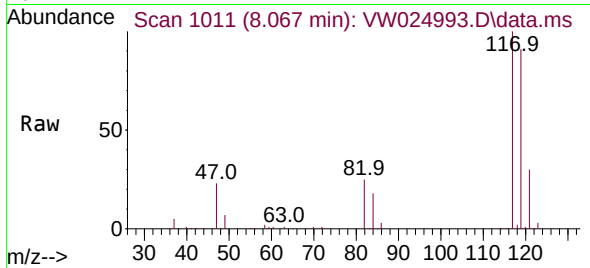




#31
Carbon tetrachloride
Concen: 26.869 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

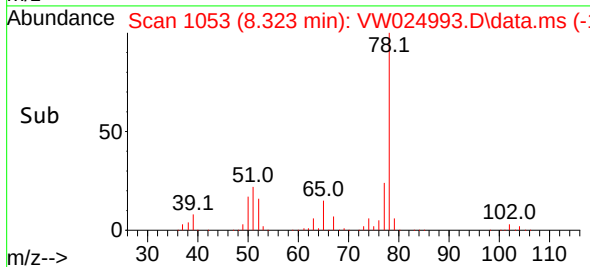
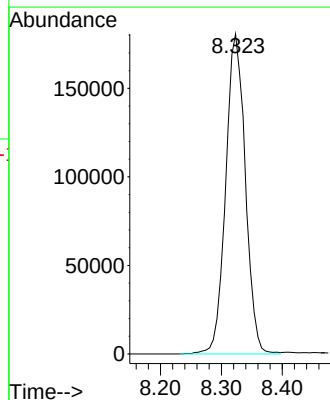
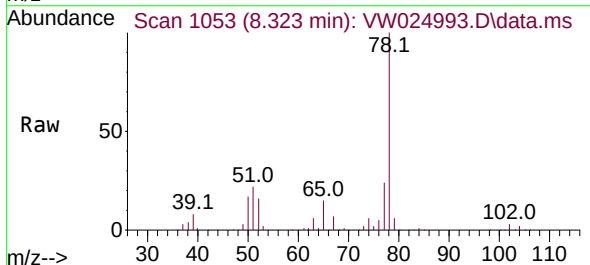
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

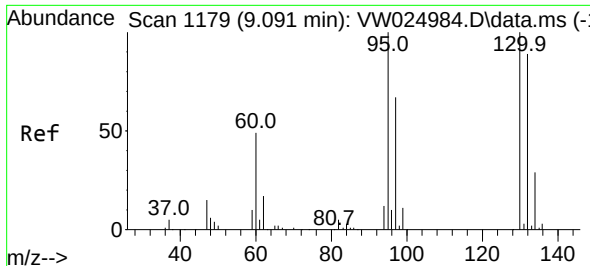
Tgt Ion:117 Resp: 157229
Ion Ratio Lower Upper
117 100
119 94.2 77.7 116.5



#33
Benzene
Concen: 25.077 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 78 Resp: 404116



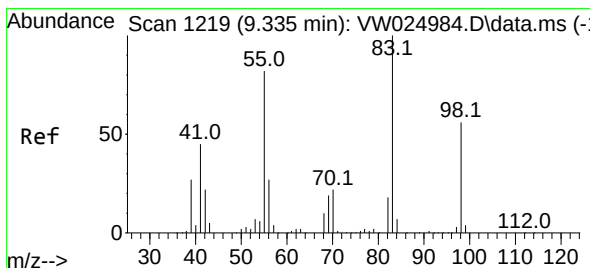
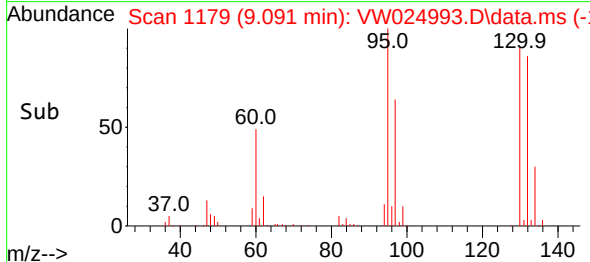
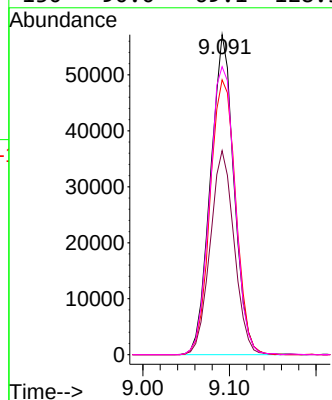
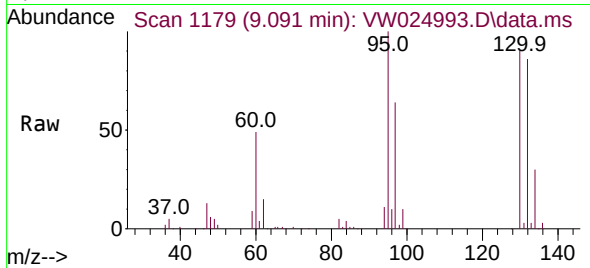


#34
Trichloroethene
Concen: 25.277 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

Tgt Ion: 95 Resp: 107828

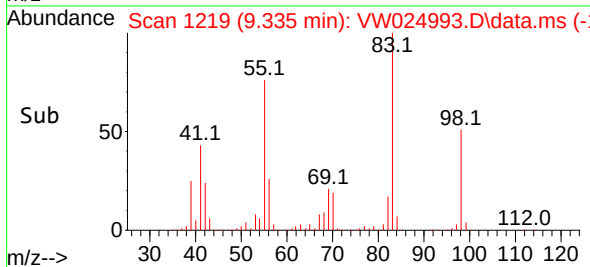
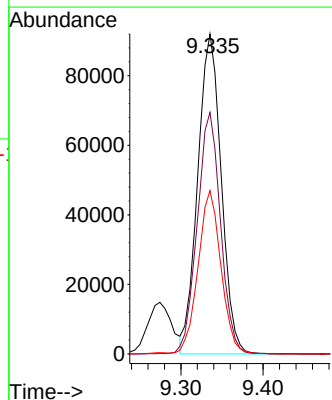
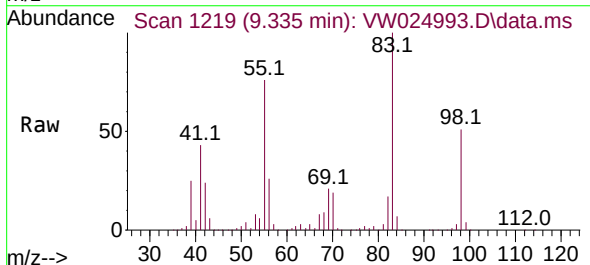
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.7	83.1
132	85.9	62.6	116.2
130	90.0	69.1	128.3

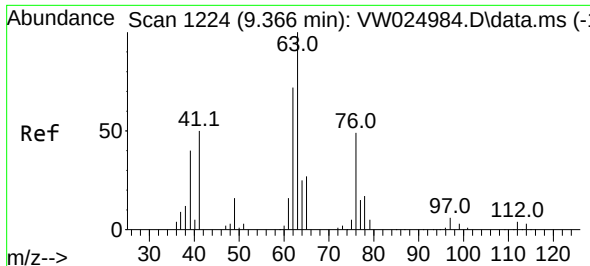


#35
Methylcyclohexane
Concen: 25.209 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 83 Resp: 182727

Ion	Ratio	Lower	Upper
83	100		
55	74.9	60.4	90.6
98	49.9	39.5	59.3





#37

1,2-Dichloropropane

Concen: 25.125 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

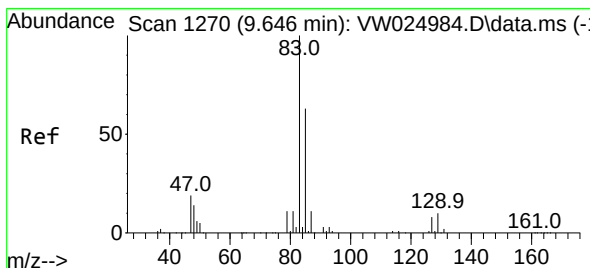
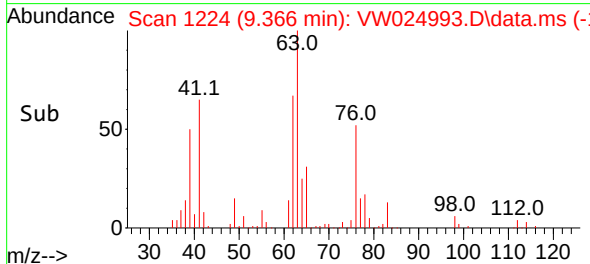
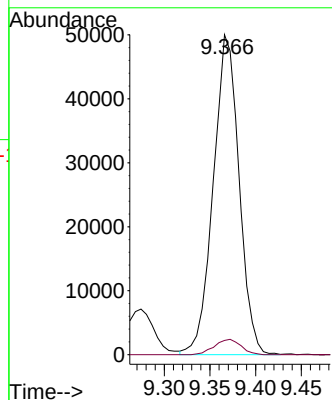
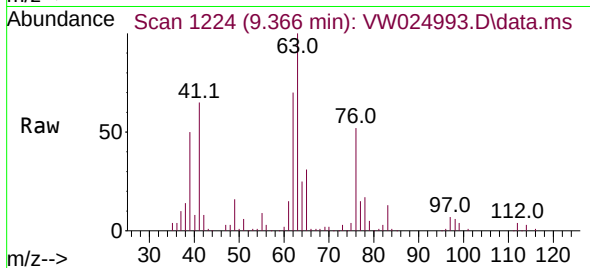
VSTD025481

Tgt Ion: 63 Resp: 98269

Ion Ratio Lower Upper

63 100

112 4.9 3.6 5.4



#38

Bromodichloromethane

Concen: 26.337 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

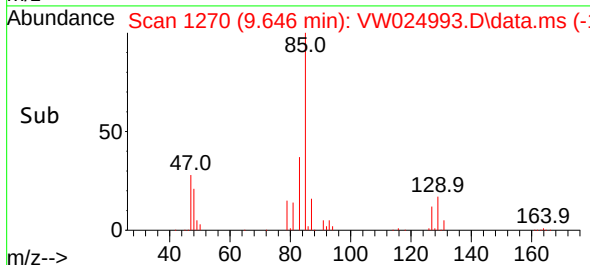
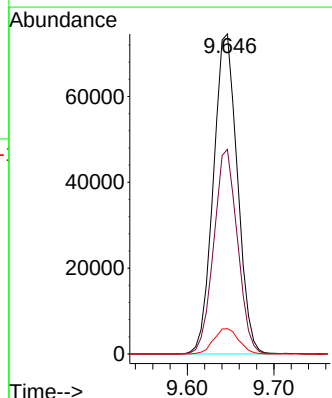
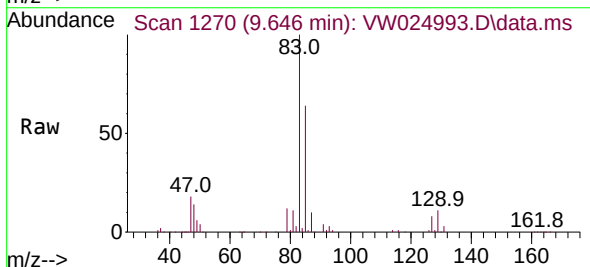
Tgt Ion: 83 Resp: 143767

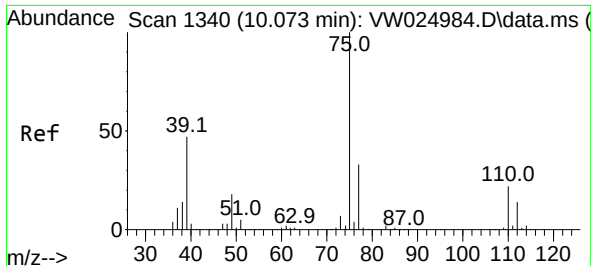
Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.0

127 7.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 25.749 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

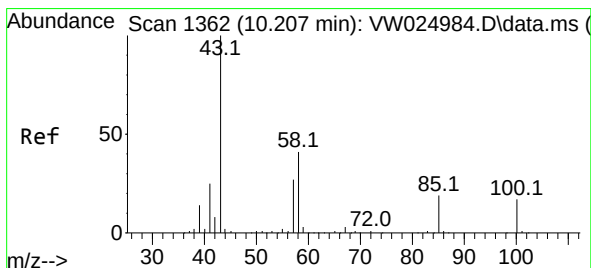
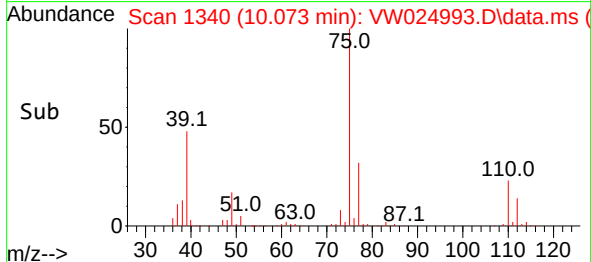
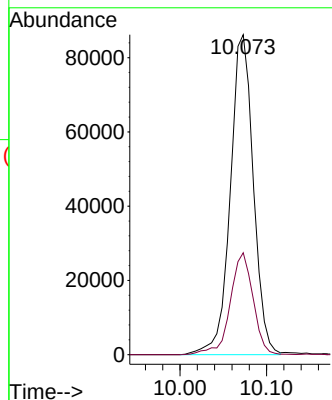
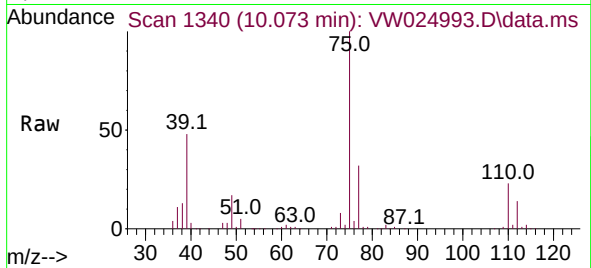
VSTD025481

Tgt Ion: 75 Resp: 159208

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 44.132 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

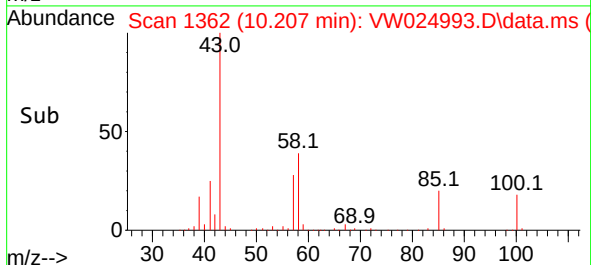
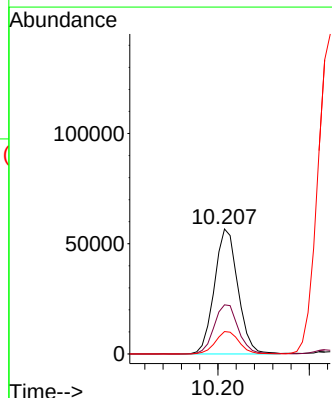
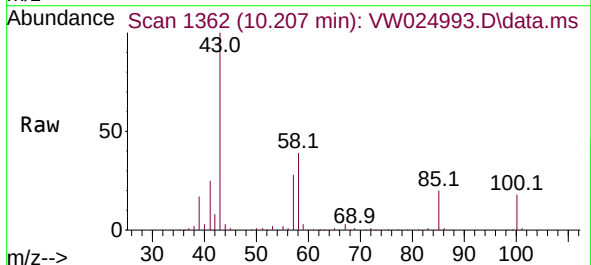
Tgt Ion: 43 Resp: 101291

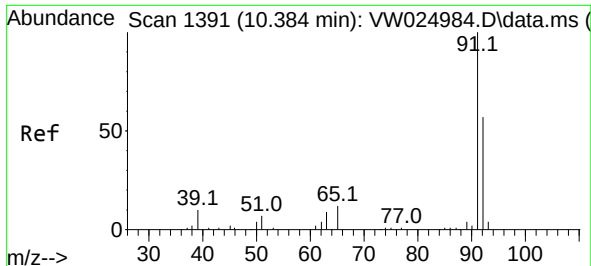
Ion Ratio Lower Upper

43 100

58 40.5 32.6 48.8

100 18.2 14.0 21.0





#42

Toluene

Concen: 25.709 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

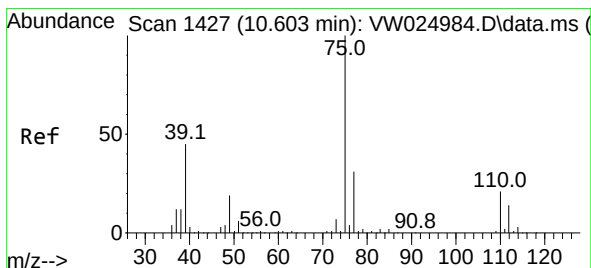
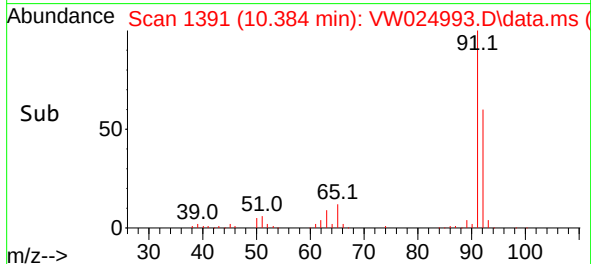
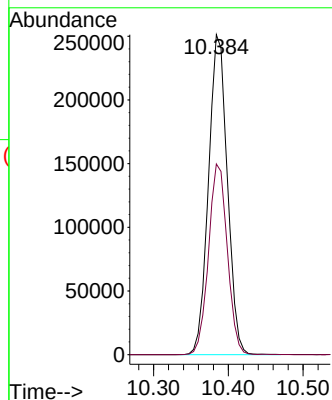
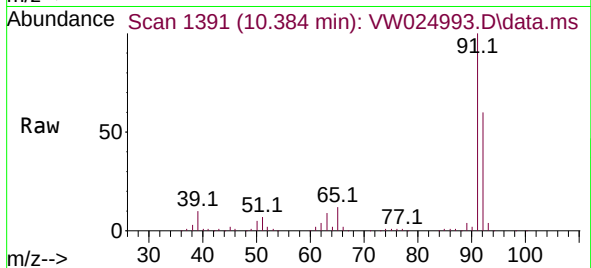
VSTD025481

Tgt Ion: 91 Resp: 439834

Ion Ratio Lower Upper

91 100

92 59.6 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 25.300 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024993.D

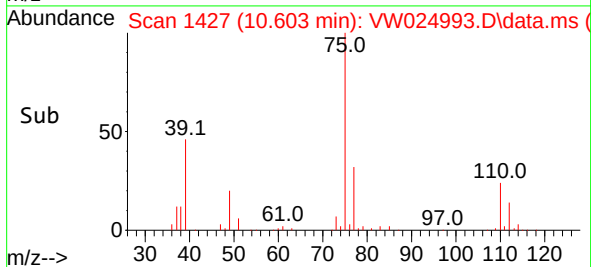
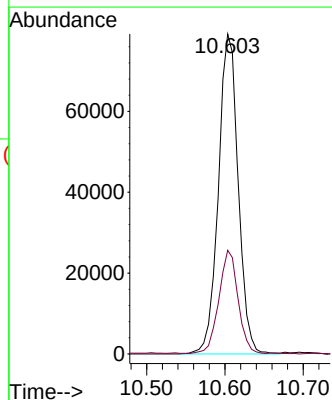
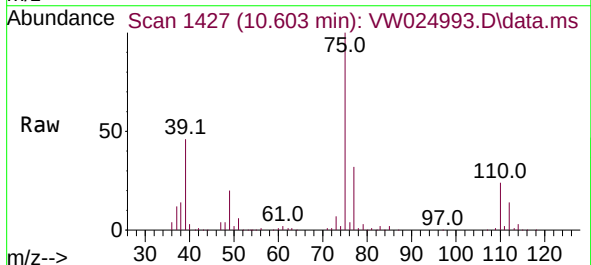
Acq: 27 Oct 2022 11:59

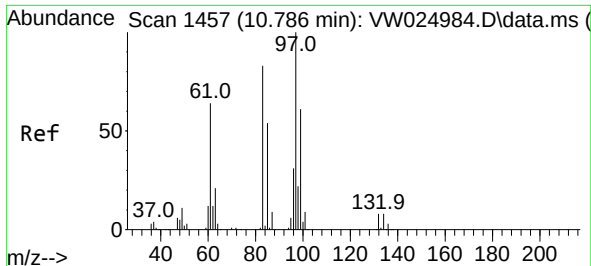
Tgt Ion: 75 Resp: 139072

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 24.545 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

Tgt Ion: 97 Resp: 72484

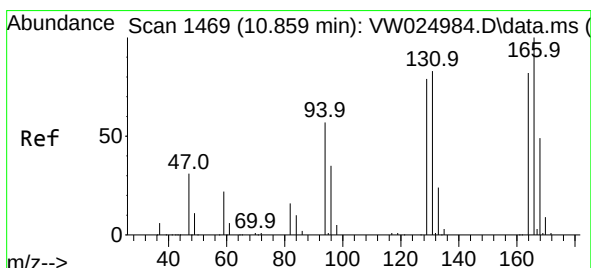
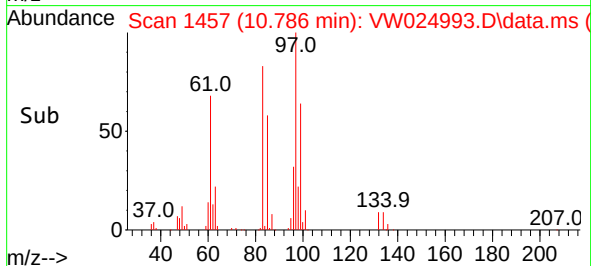
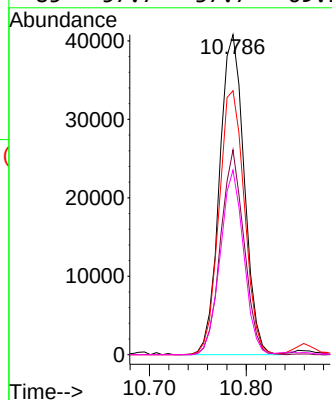
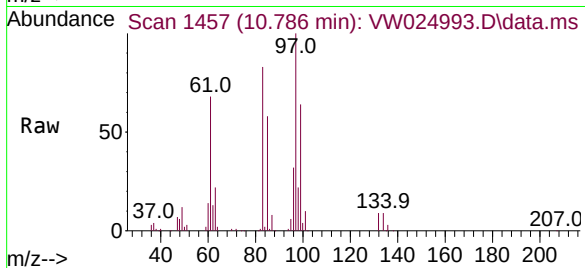
Ion Ratio Lower Upper

97 100

99 64.0 44.0 81.6

83 82.5 59.9 111.3

85 57.7 37.7 69.9



#46

Tetrachloroethene

Concen: 25.501 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Tgt Ion:164 Resp: 77798

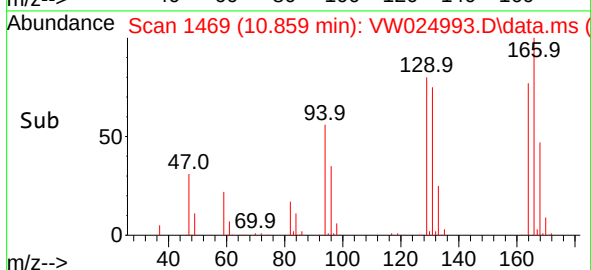
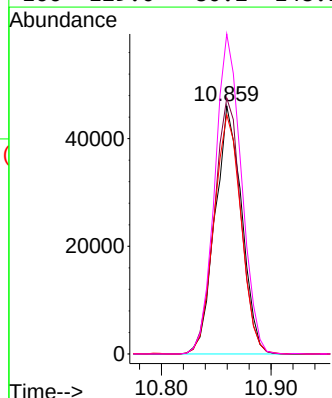
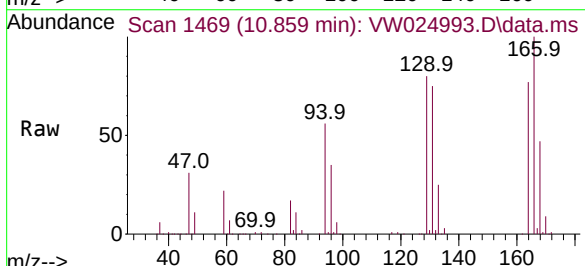
Ion Ratio Lower Upper

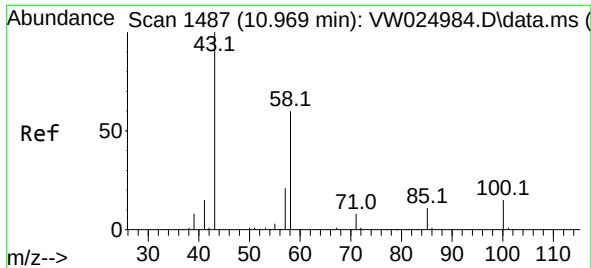
164 100

129 103.2 72.9 135.5

131 96.5 70.1 130.3

166 129.0 80.2 148.9

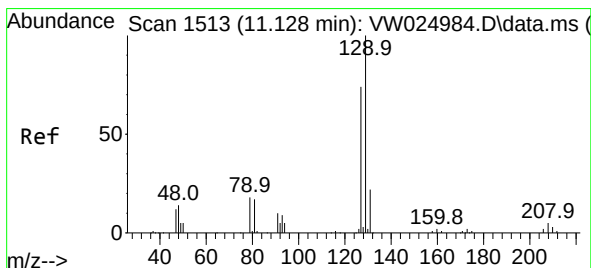
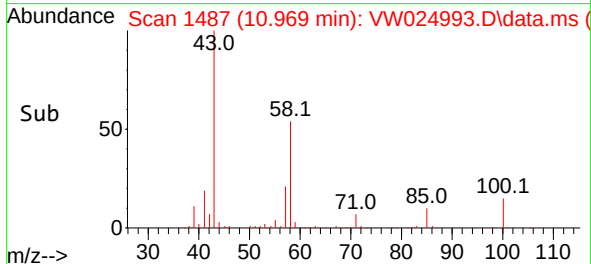
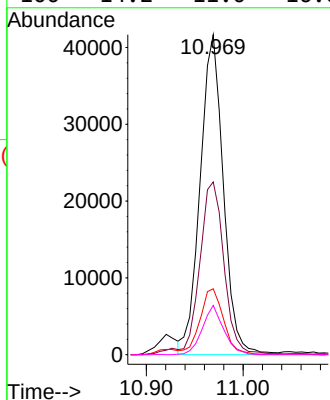
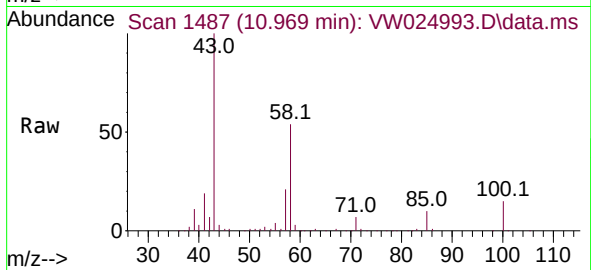




#48
2-Hexanone
Concen: 43.965 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

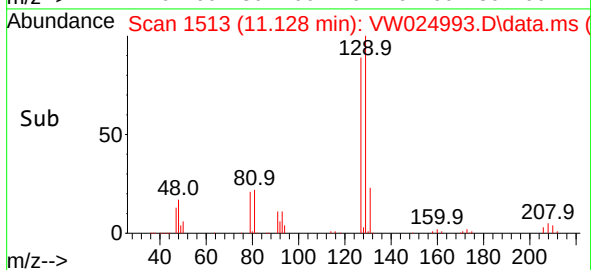
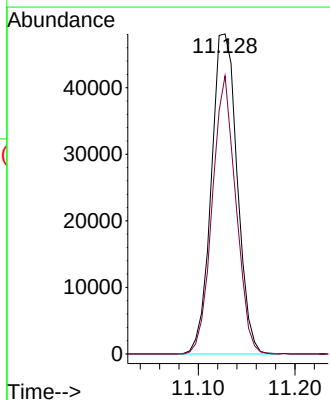
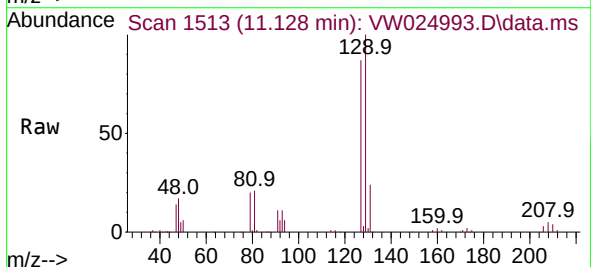
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

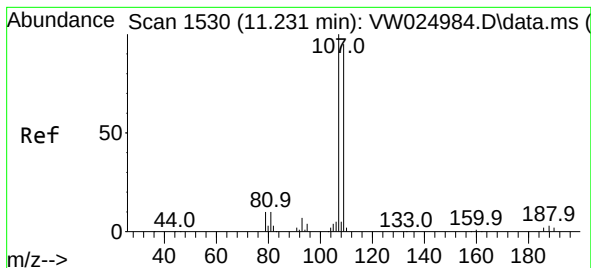
Tgt Ion: 43	Resp: 69787
Ion Ratio	Lower Upper
43 100	
58 55.8	46.1 69.1
57 21.0	16.2 24.2
100 14.2	11.0 16.6



#49
Dibromochloromethane
Concen: 24.833 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion:129	Resp:	89392	
Ion	Ratio	Lower	Upper
129	100		
127	87.0	53.2	98.8

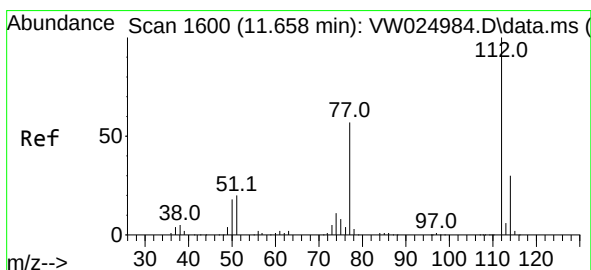
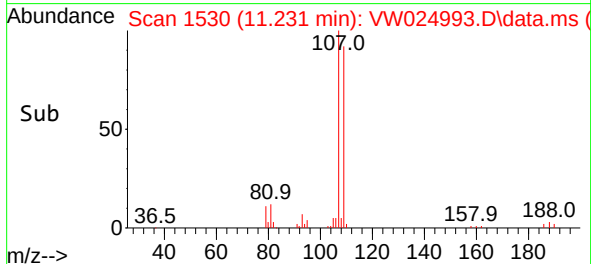
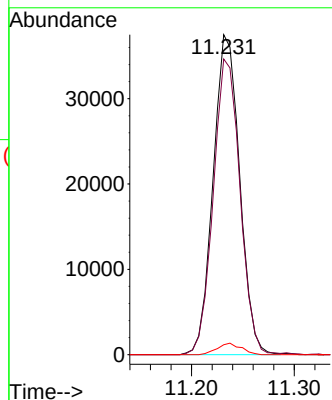
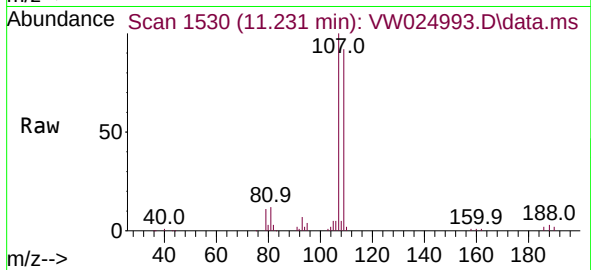




#50
1,2-Dibromoethane
Concen: 24.059 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

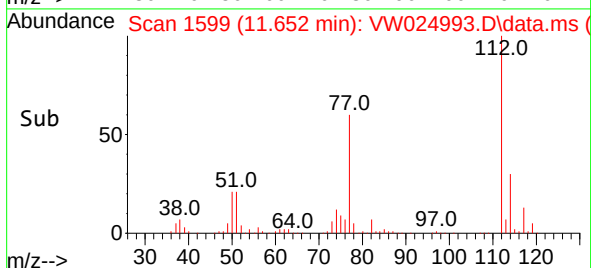
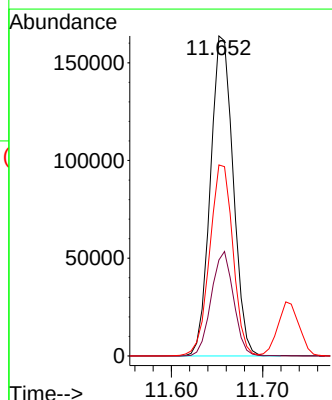
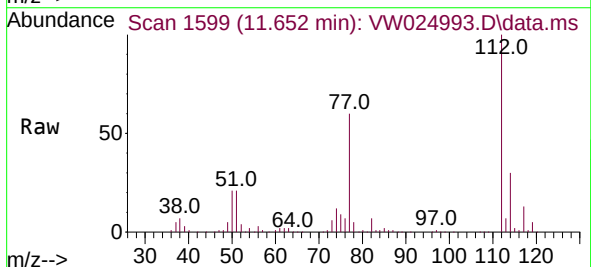
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

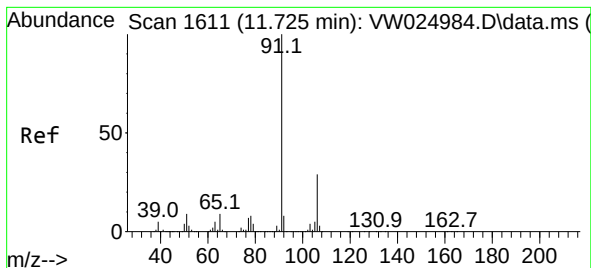
Tgt Ion:	107	Resp:	67196
Ion	Ratio	Lower	Upper
107	100		
109	92.4	64.5	119.7
188	3.1	2.9	4.3



#51
Chlorobenzene
Concen: 25.548 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion:	112	Resp:	283319
Ion	Ratio	Lower	Upper
112	100		
114	30.0	20.8	38.6
77	59.7	48.2	72.2

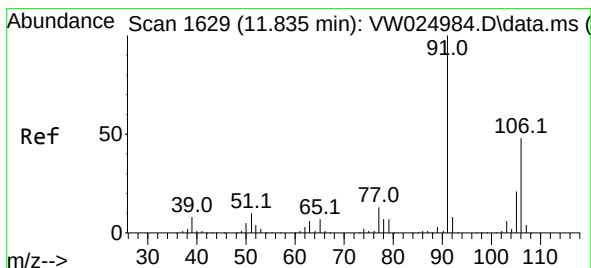
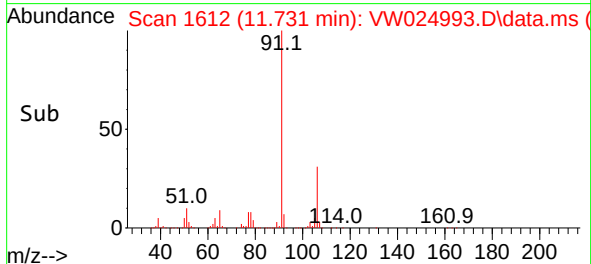
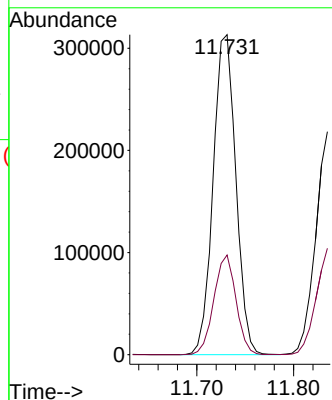
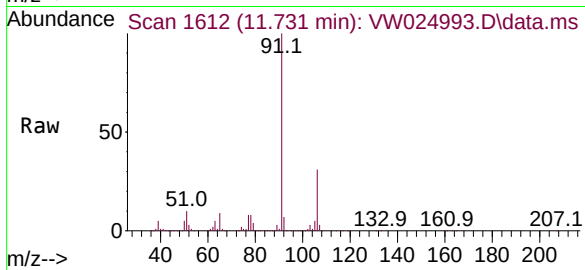




#52
Ethylbenzene
Concen: 25.903 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

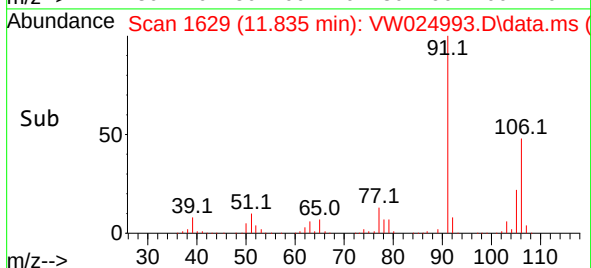
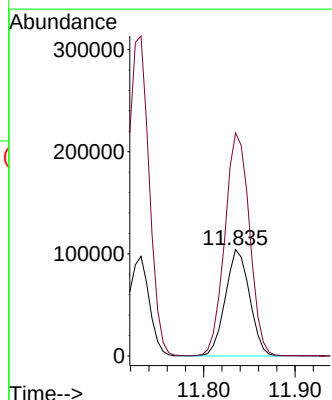
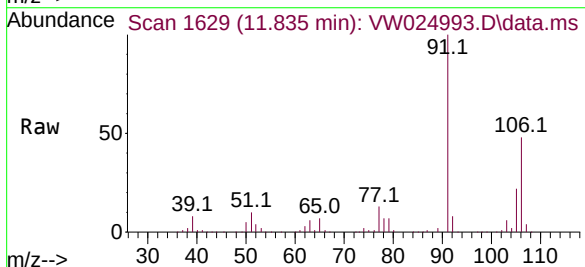
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

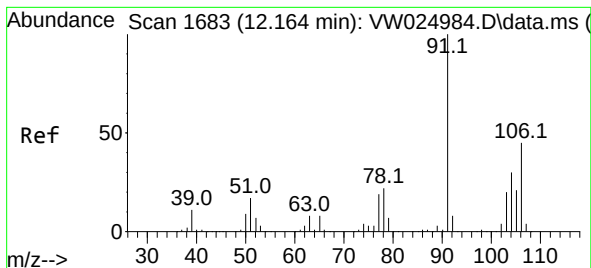
Tgt Ion: 91 Resp: 511535
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.5



#53
m,p-Xylene
Concen: 25.134 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 106 Resp: 192134
Ion Ratio Lower Upper
106 100
91 209.6 143.9 267.2





#54

o-Xylene

Concen: 25.617 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

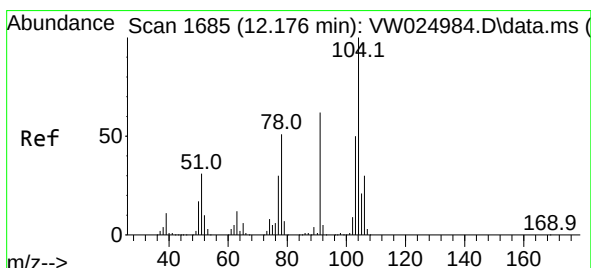
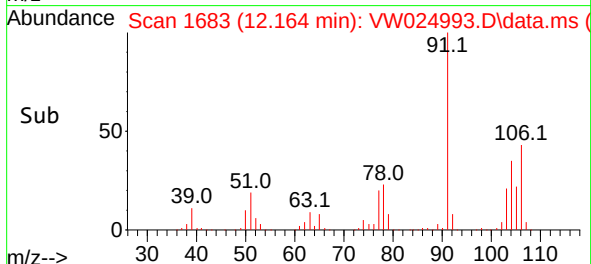
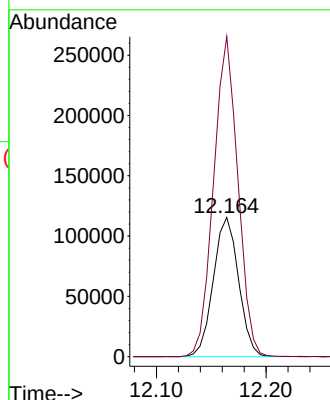
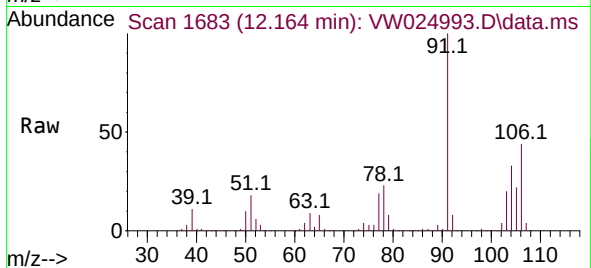
VSTD025481

Tgt Ion:106 Resp: 184745

Ion Ratio Lower Upper

106 100

91 229.8 153.5 285.1



#55

Styrene

Concen: 25.544 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024993.D

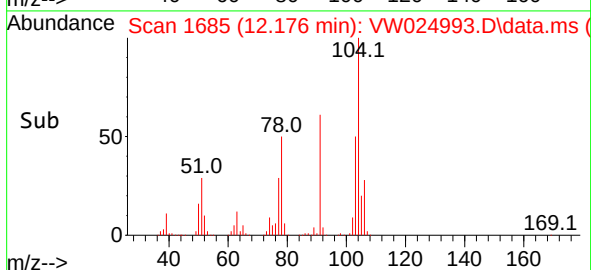
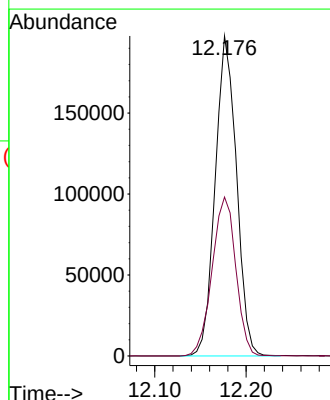
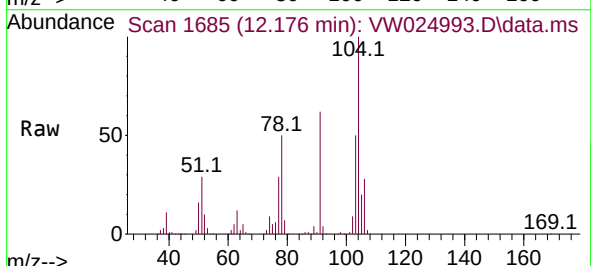
Acq: 27 Oct 2022 11:59

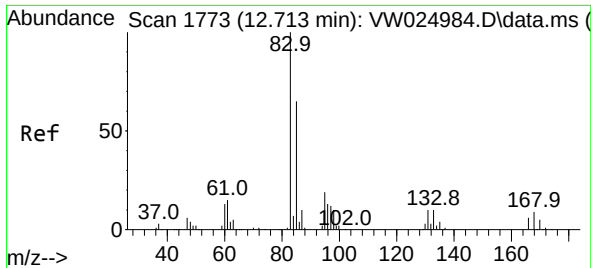
Tgt Ion:104 Resp: 319962

Ion Ratio Lower Upper

104 100

78 49.7 31.3 58.1

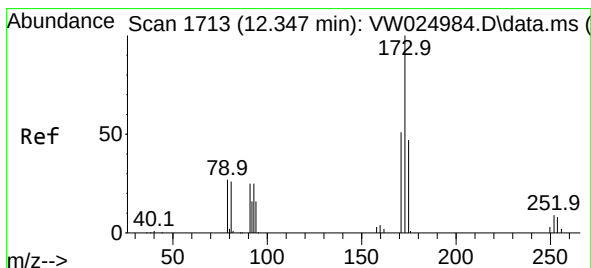
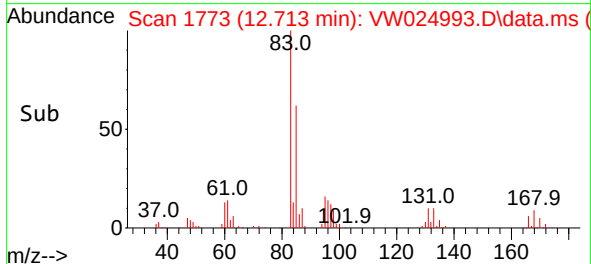
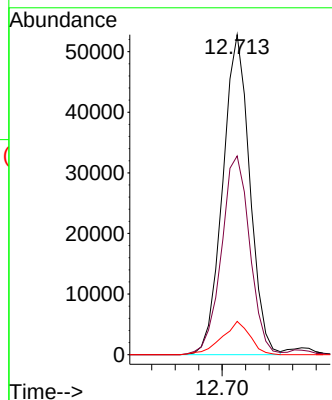
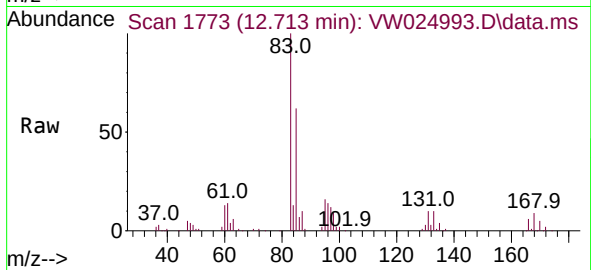




#57
1,1,2,2-Tetrachloroethane
Concen: 23.789 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

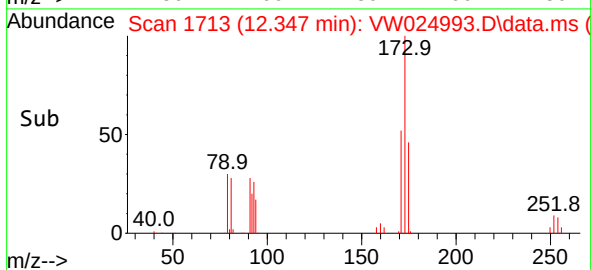
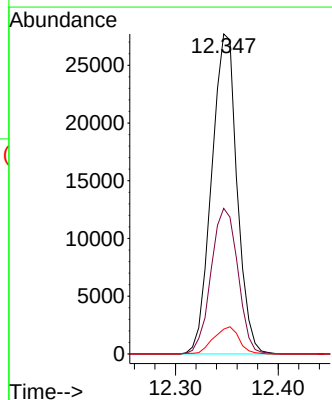
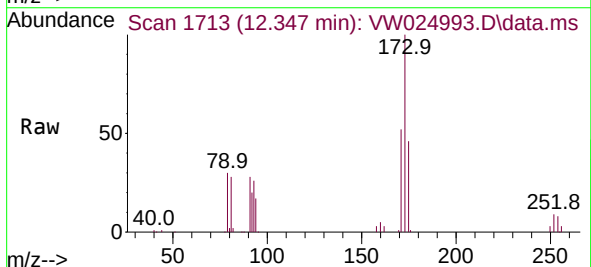
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

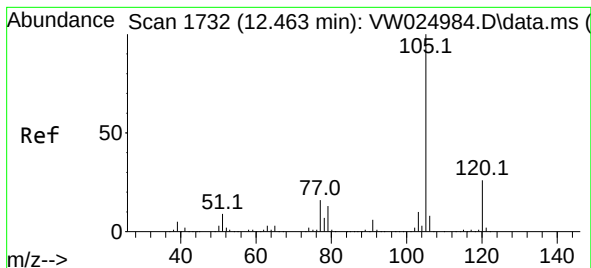
Tgt Ion: 83 Resp: 84275
Ion Ratio Lower Upper
83 100
85 62.1 46.4 86.2
131 10.4 8.2 12.4



#59
Bromoform
Concen: 24.338 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion: 173 Resp: 47672
Ion Ratio Lower Upper
173 100
175 47.9 37.4 56.2
254 8.4 5.8 8.8





#60

Isopropylbenzene

Concen: 25.167 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

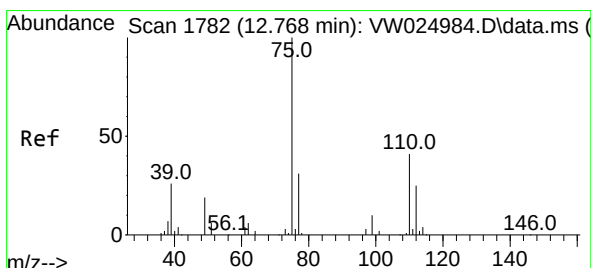
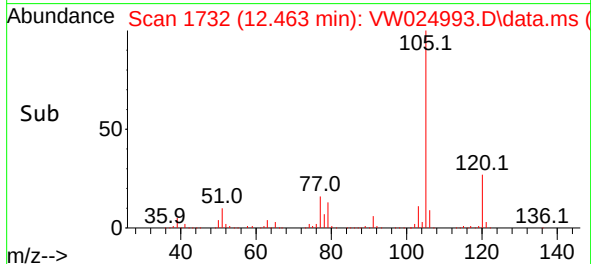
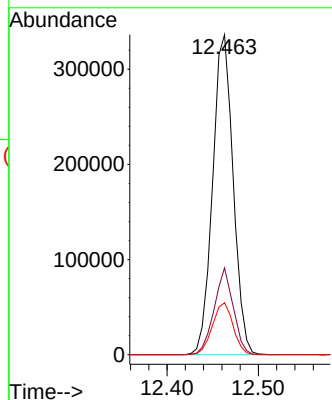
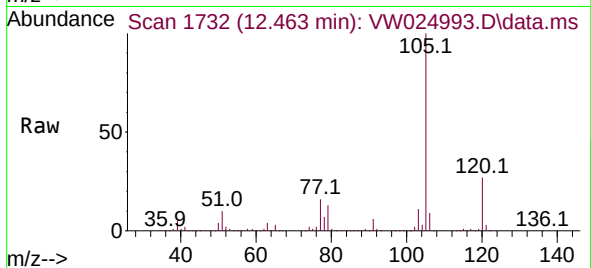
Tgt Ion:105 Resp: 523988

Ion Ratio Lower Upper

105 100

120 25.3 20.8 31.2

77 16.4 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 22.316 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

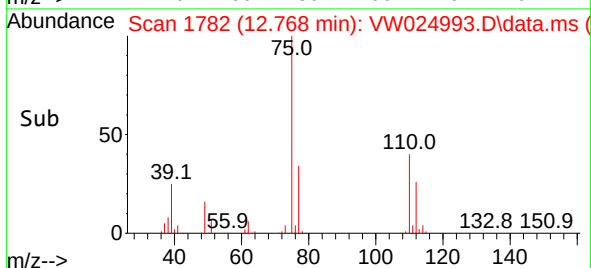
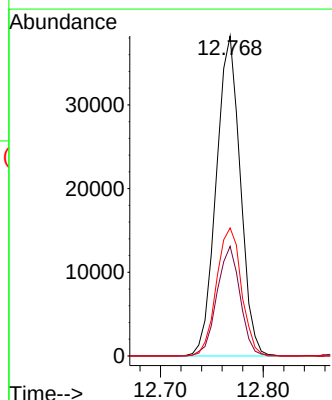
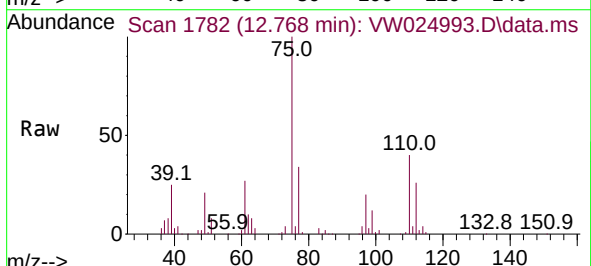
Tgt Ion: 75 Resp: 62090

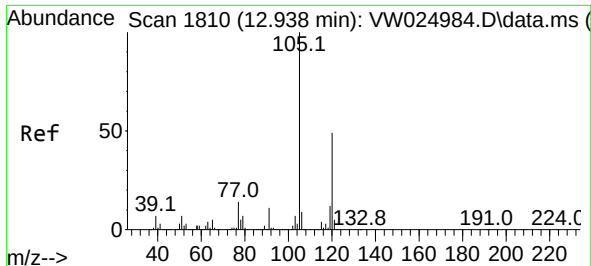
Ion Ratio Lower Upper

75 100

77 33.1 25.7 38.5

110 41.4 31.7 47.5

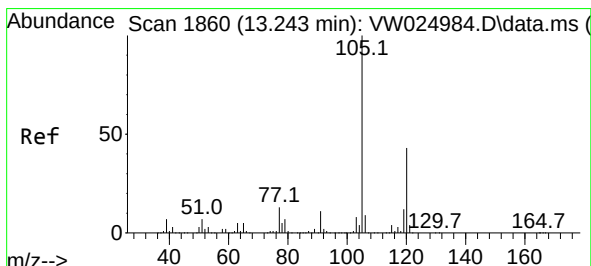
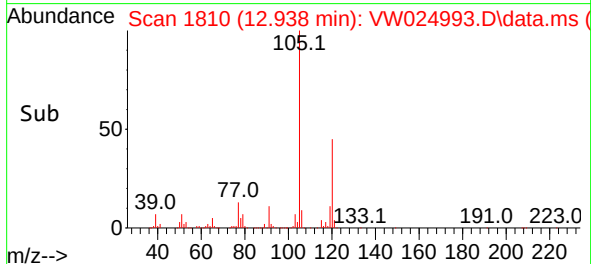
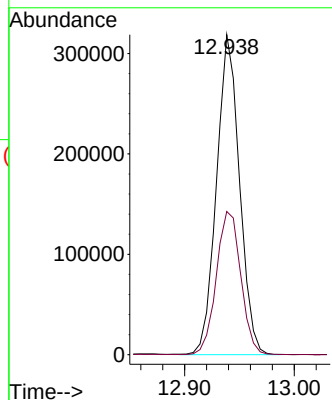
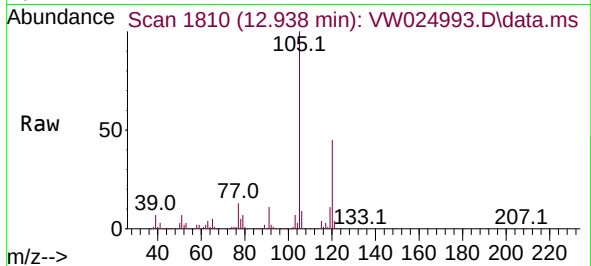




#62
1,3,5-Trimethylbenzene
Concen: 25.684 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

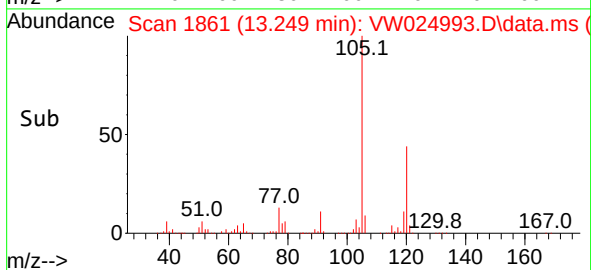
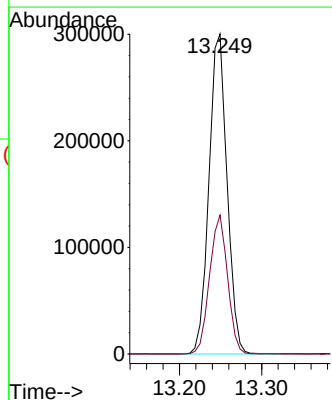
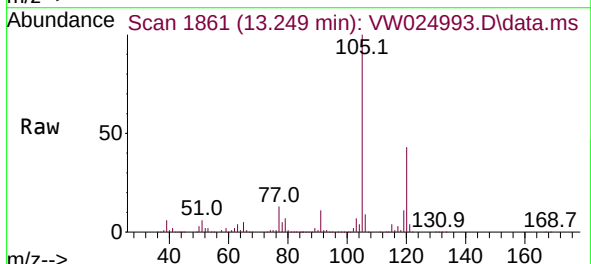
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

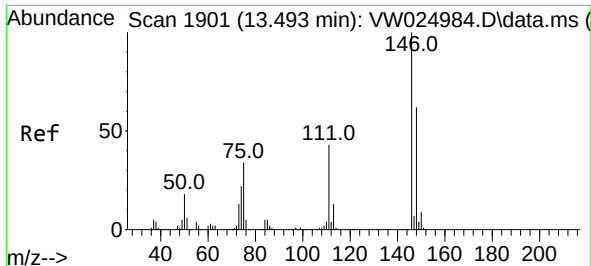
Tgt Ion:105 Resp: 464209
Ion Ratio Lower Upper
105 100
120 47.6 37.6 56.4



#63
1,2,4-Trimethylbenzene
Concen: 25.842 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion:105 Resp: 457995
Ion Ratio Lower Upper
105 100
120 43.1 35.7 53.5

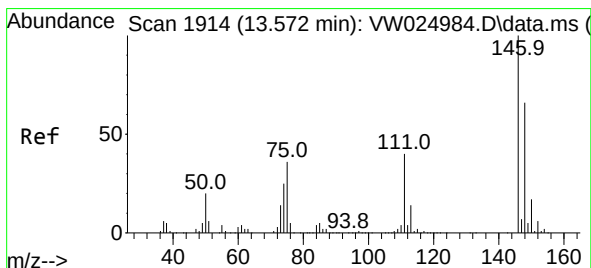
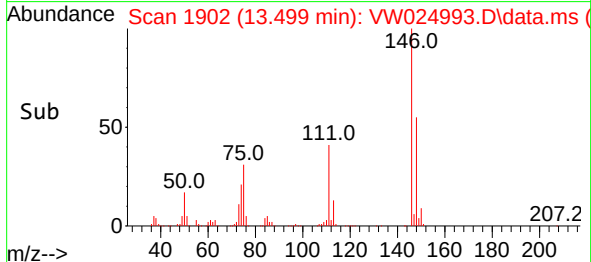
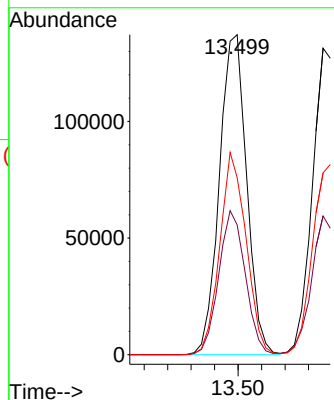
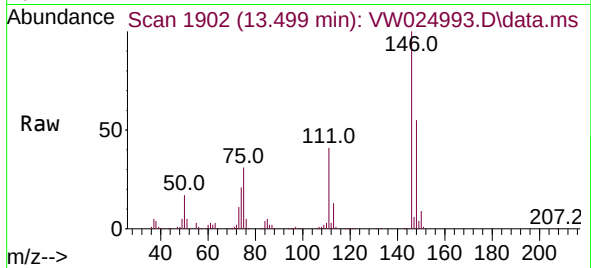




#64
1,3-Dichlorobenzene
Concen: 25.517 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

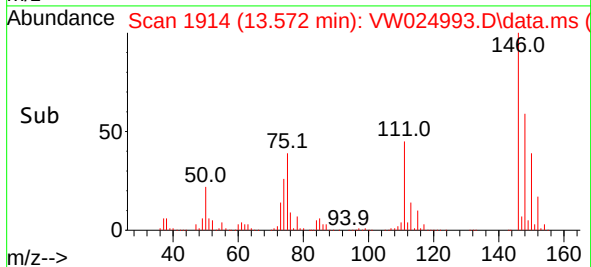
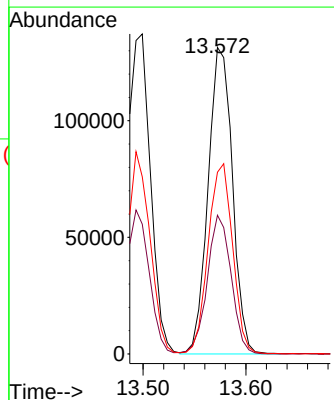
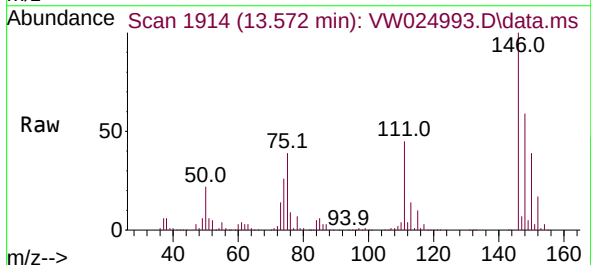
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

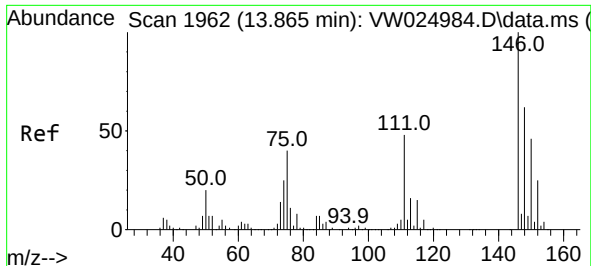
Tgt Ion:146 Resp: 221587
Ion Ratio Lower Upper
146 100
111 40.6 31.1 57.7
148 55.4 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 24.953 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024993.D
Acq: 27 Oct 2022 11:59

Tgt Ion:146 Resp: 216215
Ion Ratio Lower Upper
146 100
111 45.2 28.8 53.6
148 59.3 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 24.221 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

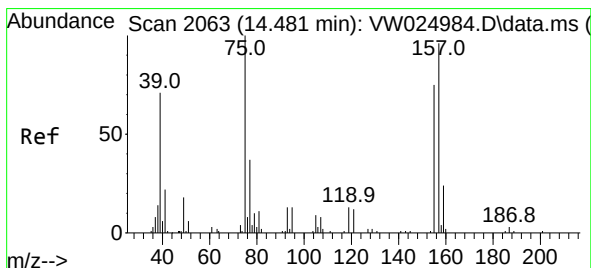
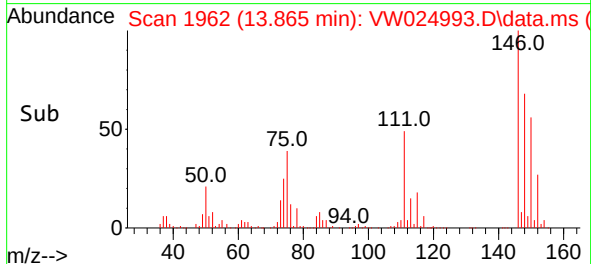
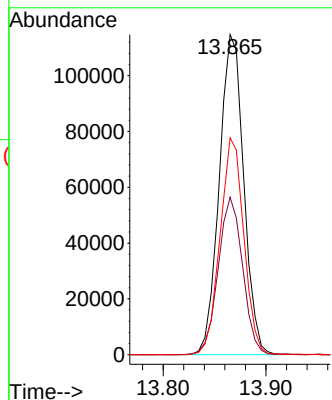
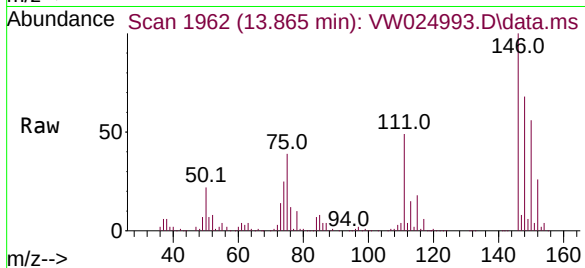
Tgt Ion:146 Resp: 189116

Ion Ratio Lower Upper

146 100

111 49.2 34.2 51.4

148 67.8 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 22.896 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

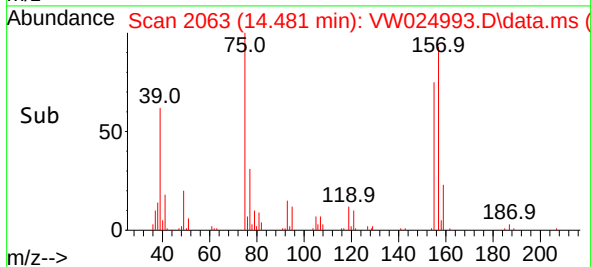
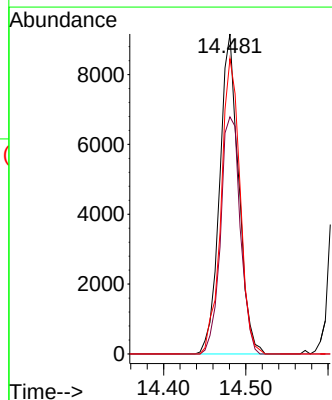
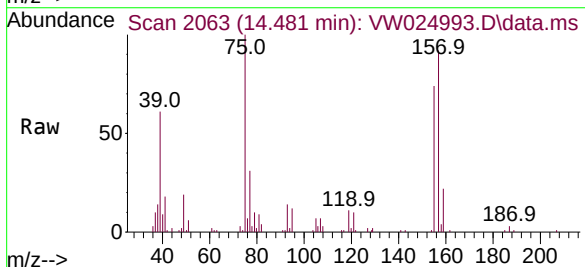
Tgt Ion: 75 Resp: 14721

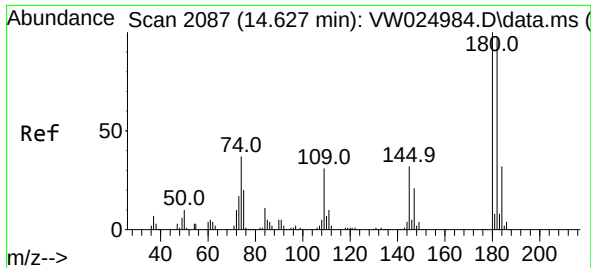
Ion Ratio Lower Upper

75 100

155 74.1 61.2 91.8

157 92.3 72.4 108.6

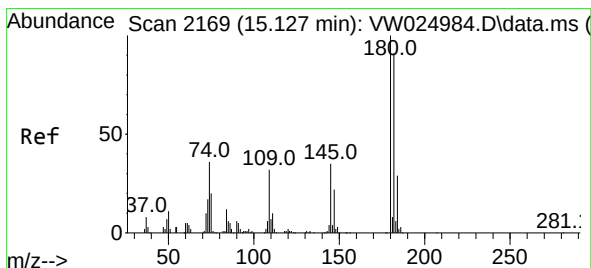
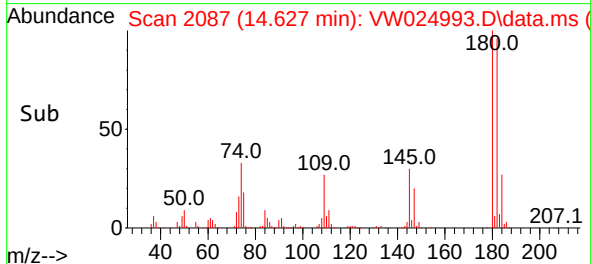
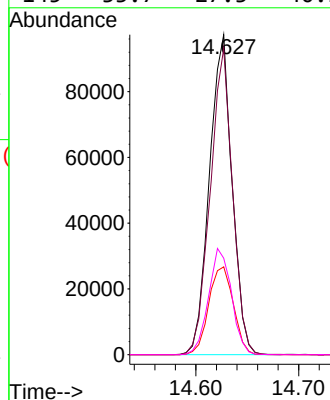
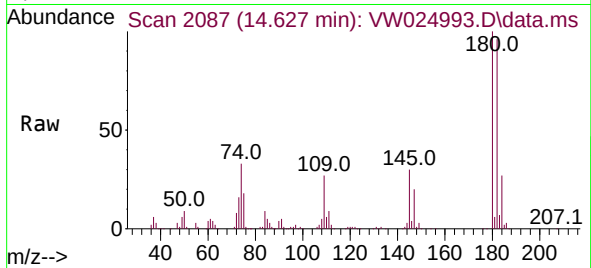




#69
 1,3,5-Trichlorobenzene
 Concen: 25.874 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW024993.D
 Acq: 27 Oct 2022 11:59

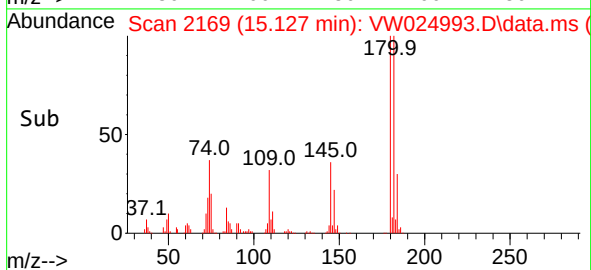
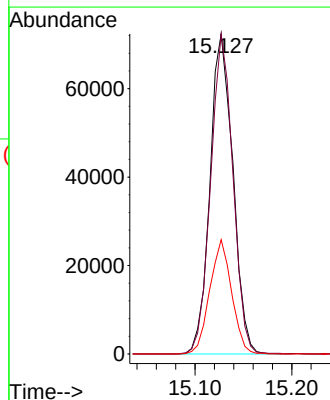
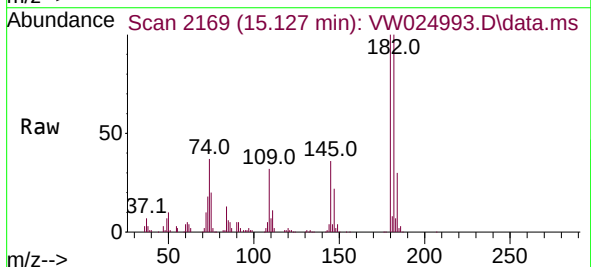
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

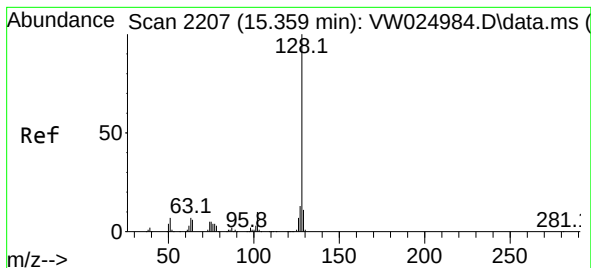
Tgt Ion:	180	Resp:	148815
Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.7	113.5
184	30.0	23.4	35.2
145	33.7	27.3	40.9



#70
 1,2,4-trichlorobenzene
 Concen: 26.581 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024993.D
 Acq: 27 Oct 2022 11:59

Tgt Ion:	180	Resp:	118827
Ion	Ratio	Lower	Upper
180	100		
182	97.0	74.9	112.3
145	34.1	27.0	40.4





#71

Naphthalene

Concen: 24.888 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

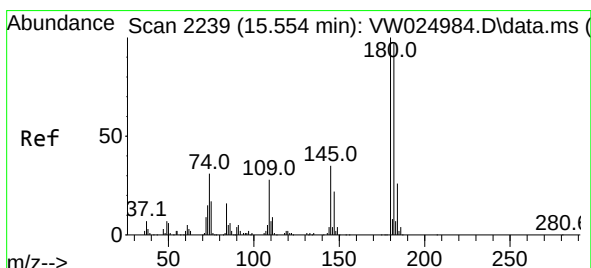
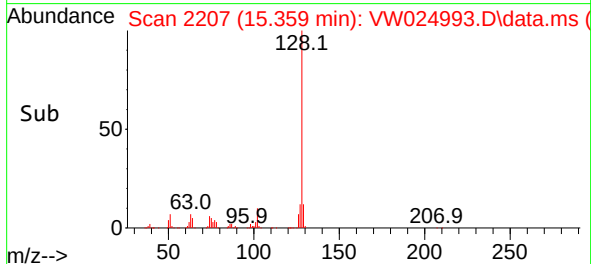
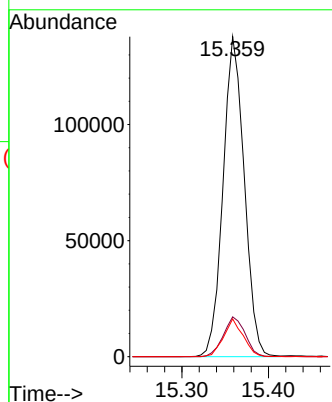
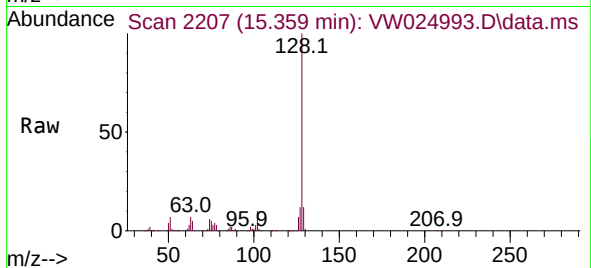
Tgt Ion:128 Resp: 234710

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 25.590 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024993.D

Acq: 27 Oct 2022 11:59

Tgt Ion:180 Resp: 99677

Ion Ratio Lower Upper

180 100

182 92.5 74.1 111.1

145 38.7 28.2 42.2

