

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051322\
 Data File : VW023014.D
 Acq On : 13 May 2022 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

Quant Time: May 13 23:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	355949	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	346590	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	196341	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	183724	25.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.640%	
7) Chloroethane-d5	2.885	69	121971	25.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.680%	
11) 1,1-Dichloroethene-d2	4.019	63	233662	24.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.040%	
21) 2-Butanone-d5	7.074	46	74811	53.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.760%	
24) Chloroform-d	7.647	84	283724	27.207	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.840%	
26) 1,2-Dichloroethane-d4	8.305	65	155298	27.152	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.600%	
32) Benzene-d6	8.275	84	548718	27.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.880%	
36) 1,2-Dichloropropane-d6	9.274	67	156609	27.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.640%	
41) Toluene-d8	10.323	98	548515	28.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.680%	
43) trans-1,3-Dichloroprop...	10.573	79	74574	28.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 115.440%	
47) 2-Hexanone-d5	10.920	63	61685	57.582	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 115.160%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	149375	28.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 114.240%	
66) 1,2-Dichlorobenzene-d4	13.853	152	195867	28.538	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30711	15.827	ug/L	91
3) Chloromethane	2.221	50	78008	20.804	ug/L	99
5) Vinyl chloride	2.361	62	149830	19.911	ug/L	98
6) Bromomethane	2.782	94	90158	18.660	ug/L	97
8) Chloroethane	2.922	64	76119	20.972	ug/L	99
9) Trichlorofluoromethane	3.257	101	75054	21.822	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	115566	22.472	ug/L	96
12) 1,1-Dichloroethene	4.038	96	99857	21.904	ug/L	83
13) Acetone	4.117	43	45631	43.895	ug/L	97
14) Carbon disulfide	4.385	76	215334	17.229	ug/L	99
15) Methyl Acetate	4.672	43	49787	23.839	ug/L	100
16) Methylene chloride	4.922	84	113880	21.865	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	109692	21.381	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	197732	25.248	ug/L	99
19) 1,1-Dichloroethane	6.214	63	202104	23.243	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	129600	23.519	ug/L #	99
22) 2-Butanone	7.171	43	68457	47.088	ug/L	99
23) Bromochloromethane	7.513	128	59563	23.081	ug/L	93
25) Chloroform	7.677	83	234052	24.343	ug/L	99

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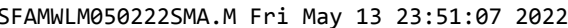
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 ClientSampleId :
 VSTD025530

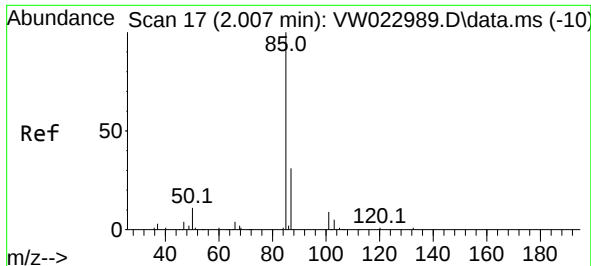
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 Quant Title : SFAM01.0
 QLast Update : Fri May 13 01:10:05 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	149690	23.356	ug/L	100
29) Cyclohexane	7.951	56	159739	21.311	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	197484	24.111	ug/L	98
31) Carbon tetrachloride	8.067	117	179190	23.388	ug/L	99
33) Benzene	8.323	78	468524	22.947	ug/L	100
34) Trichloroethene	9.091	95	128746	22.928	ug/L	99
35) Methylcyclohexane	9.335	83	201599	21.855	ug/L	99
37) 1,2-Dichloropropane	9.366	63	117301	23.740	ug/L	99
38) Bromodichloromethane	9.646	83	170168	24.247	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	191807	25.035	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	156070	50.114	ug/L	98
42) Toluene	10.384	91	535215	23.390	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	174967	25.586	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	102959	24.926	ug/L	96
46) Tetrachloroethene	10.859	164	98535	23.351	ug/L	87
48) 2-Hexanone	10.969	43	107467	51.646	ug/L	98
49) Dibromochloromethane	11.128	129	127268	25.600	ug/L	93
50) 1,2-Dibromoethane	11.231	107	100727	24.286	ug/L #	95
51) Chlorobenzene	11.658	112	370714	24.575	ug/L	100
52) Ethylbenzene	11.725	91	616995	24.237	ug/L	99
53) m,p-Xylene	11.835	106	246812	24.606	ug/L	96
54) o-Xylene	12.164	106	238604	24.789	ug/L	94
55) Styrene	12.176	104	416565	25.469	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	133721	25.919	ug/L	93
59) Bromoform	12.347	173	70777	25.436	ug/L	98
60) Isopropylbenzene	12.463	105	661980	24.611	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95813	24.423	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	366993	24.524	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	568619	25.306	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	297067	24.737	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	303701	24.484	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	282132	25.673	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	20273	23.645	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	202745	25.434	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	171063	26.677	ug/L	99
71) Naphthalene	15.359	128	375999	26.978	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	145423	25.588	ug/L	96

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

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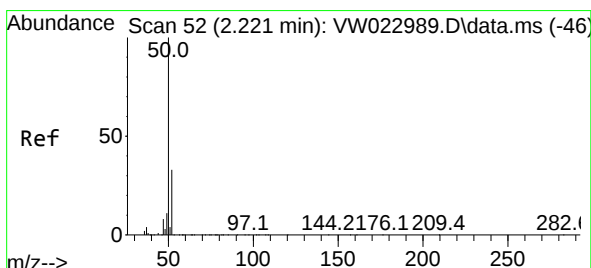
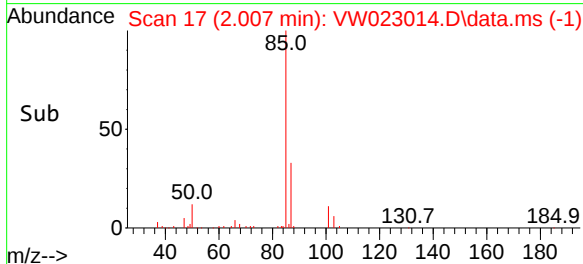
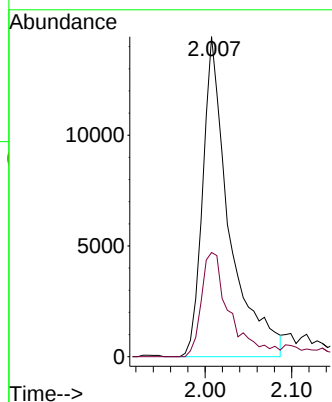
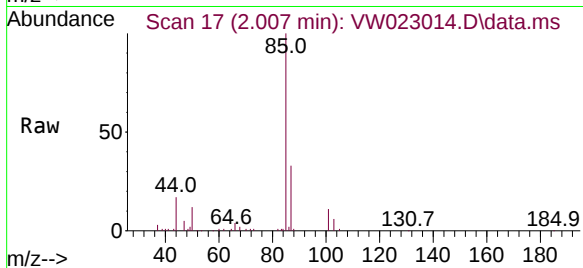




#2
 Dichlorodifluoromethane
 Concen: 15.827 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

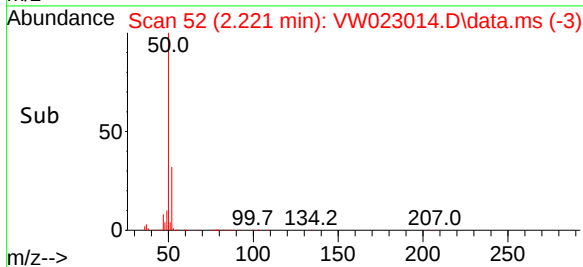
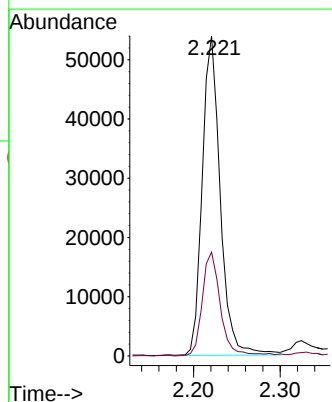
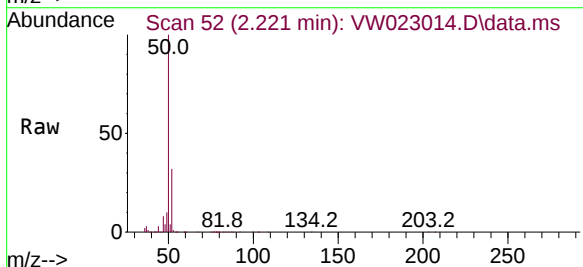
Instrument :
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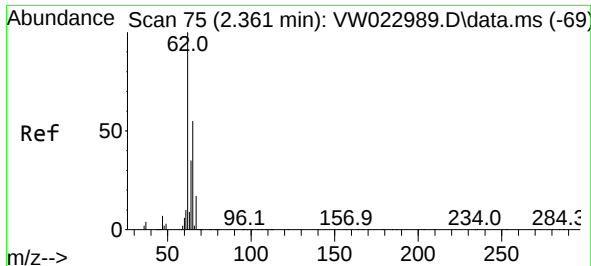
Tgt Ion: 85 Resp: 30711
 Ion Ratio Lower Upper
 85 100
 87 29.5 27.8 41.8



#3
 Chloromethane
 Concen: 20.804 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

Tgt Ion: 50 Resp: 78008
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.1 42.9

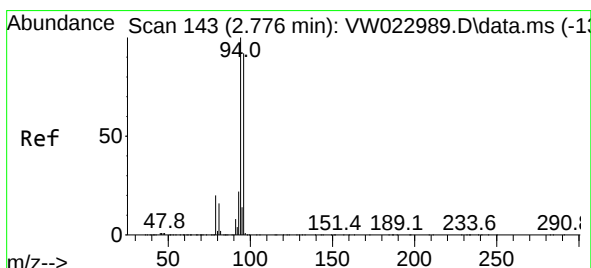
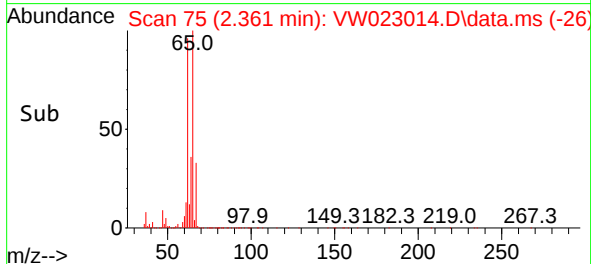
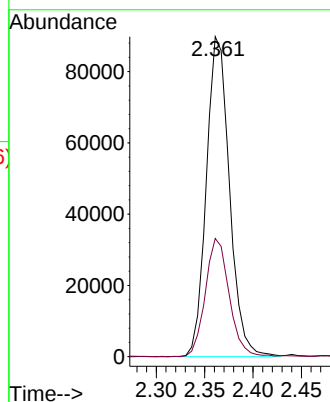
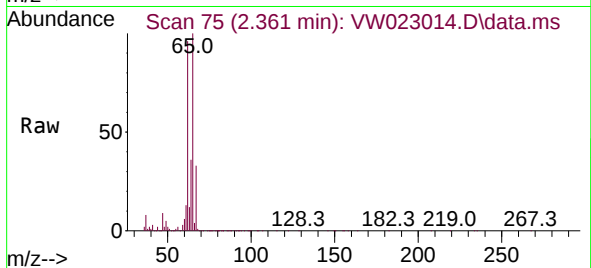




#5
 Vinyl chloride
 Concen: 19.911 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

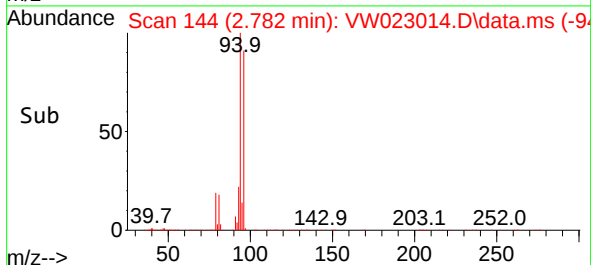
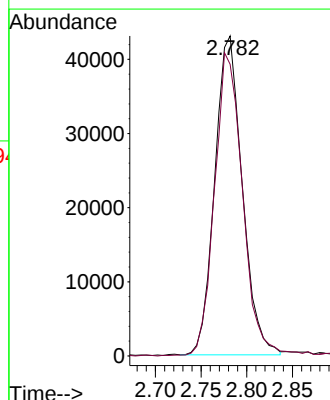
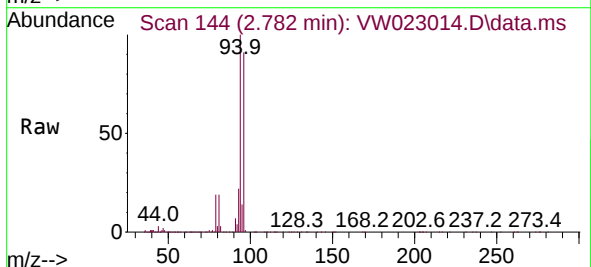
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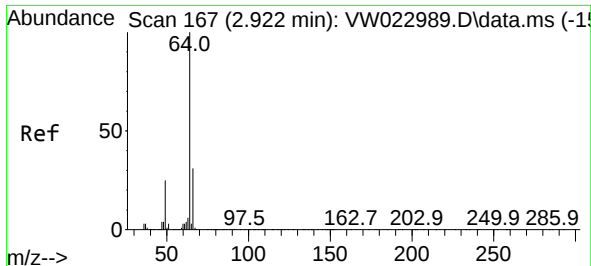
Tgt Ion: 62 Resp: 149830
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.9 46.3



#6
 Bromomethane
 Concen: 18.660 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

Tgt Ion: 94 Resp: 90158
 Ion Ratio Lower Upper
 94 100
 96 91.1 61.7 114.5

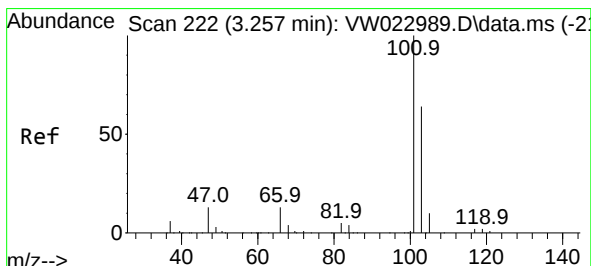
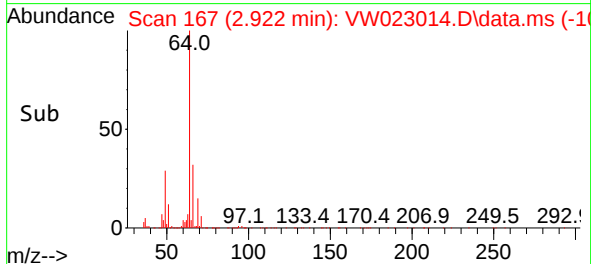
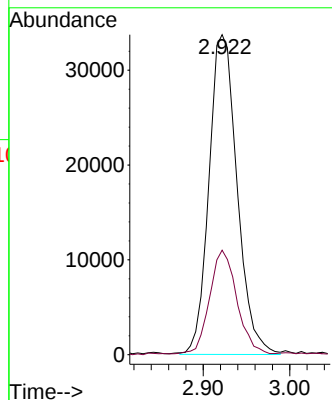
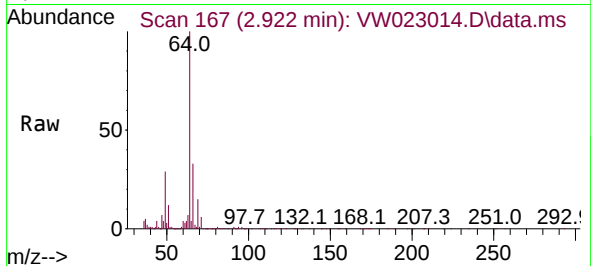




#8
Chloroethane
Concen: 20.972 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

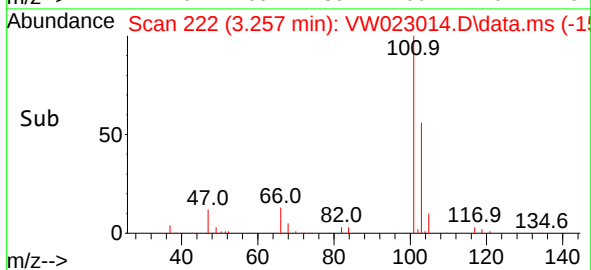
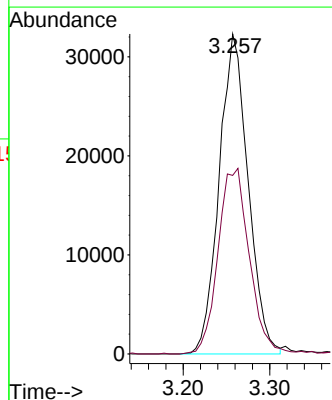
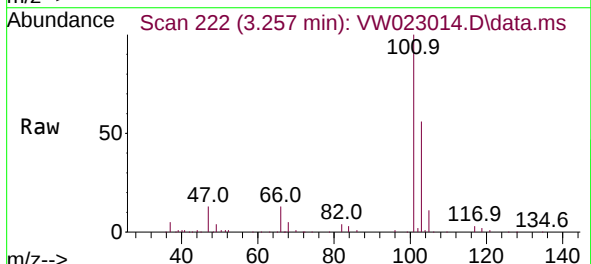
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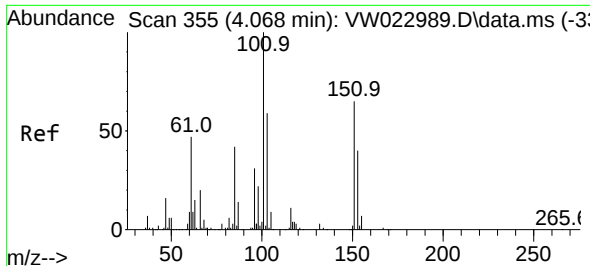
Tgt Ion: 64 Resp: 76119
Ion Ratio Lower Upper
64 100
66 32.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.822 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 101 Resp: 75054
Ion Ratio Lower Upper
101 100
103 62.6 53.9 80.9

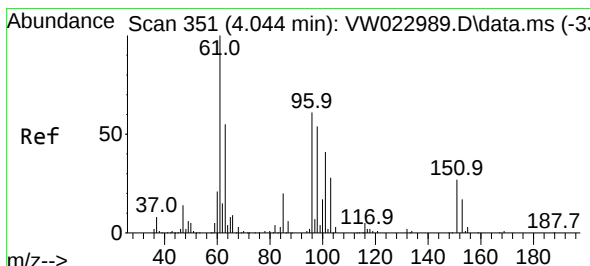
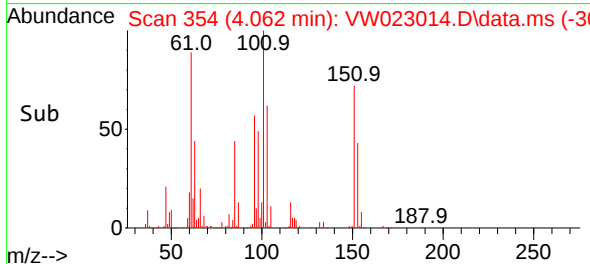
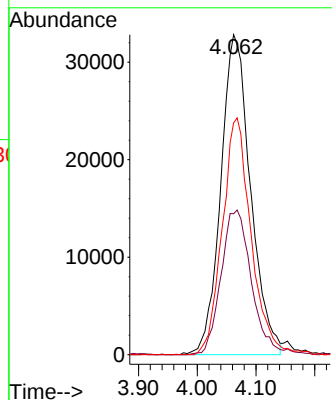
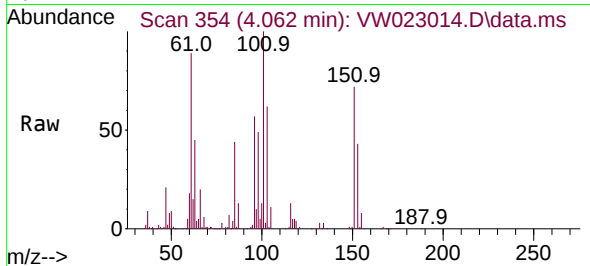




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.472 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

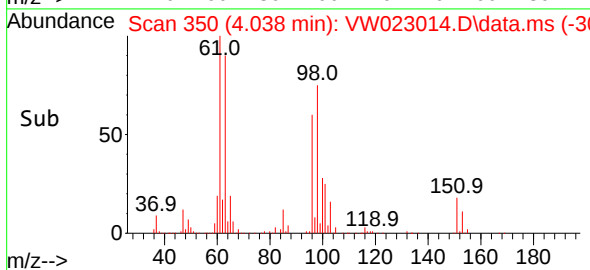
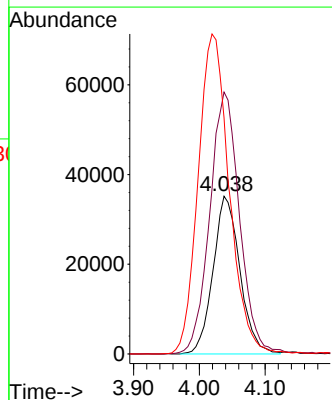
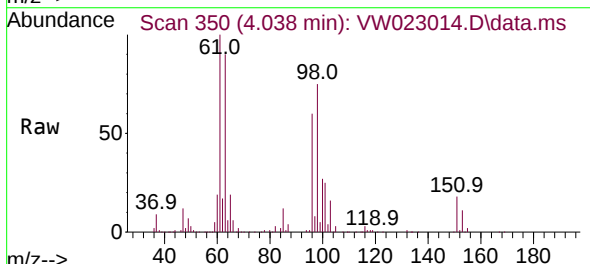
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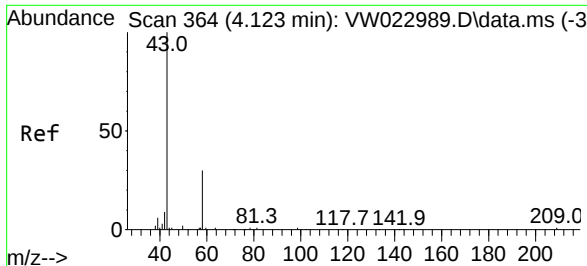
Tgt Ion:101 Resp: 115566
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.3 51.5
 151 71.3 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.904 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

Tgt Ion: 96 Resp: 99857
 Ion Ratio Lower Upper
 96 100
 61 166.1 125.7 233.5
 63 149.7 83.4 155.0

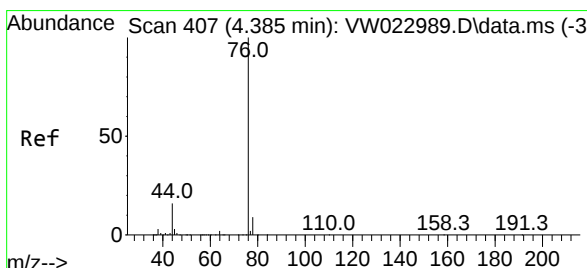
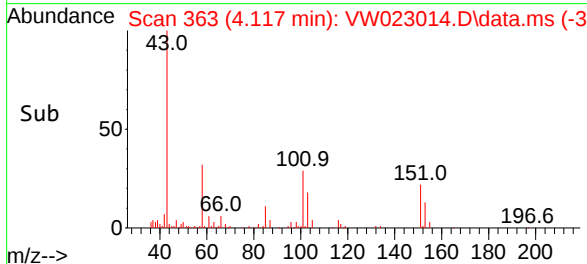
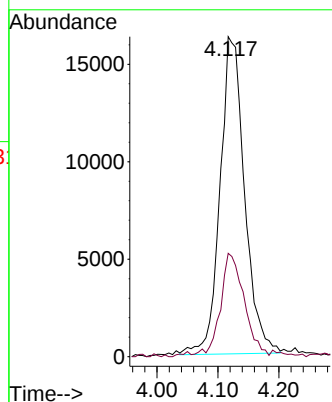
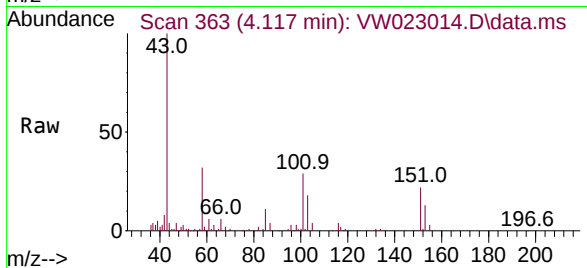




#13
Acetone
Concen: 43.895 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

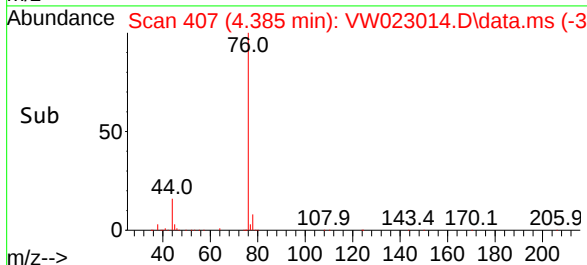
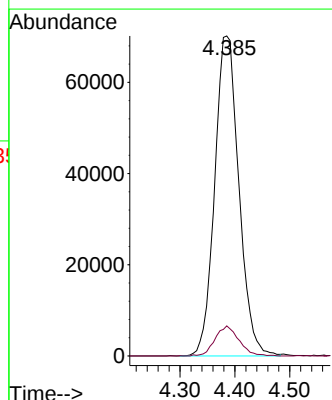
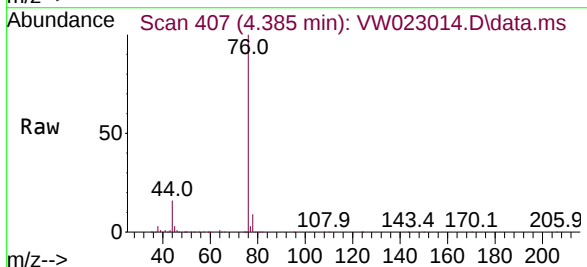
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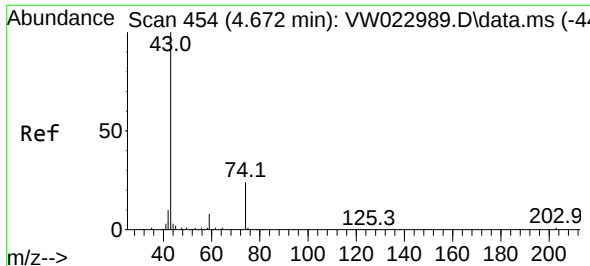
Tgt Ion: 43 Resp: 45631
Ion Ratio Lower Upper
43 100
58 30.4 0.0 64.0



#14
Carbon disulfide
Concen: 17.229 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 76 Resp: 215334
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

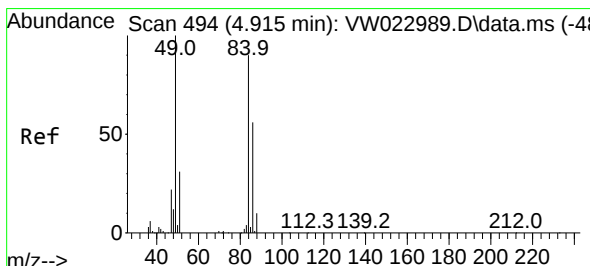
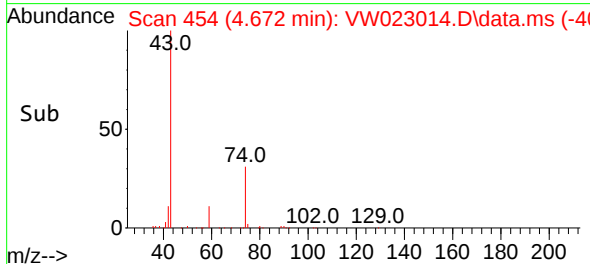
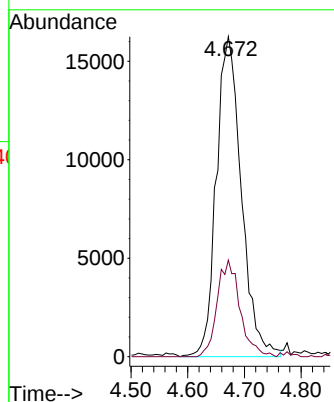
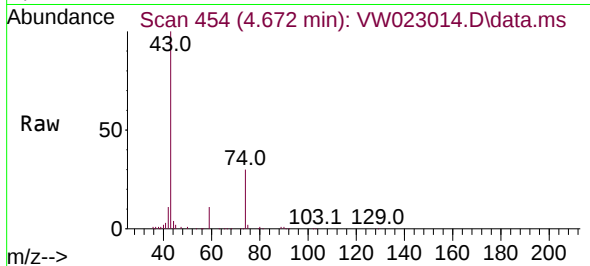




#15
Methyl Acetate
Concen: 23.839 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

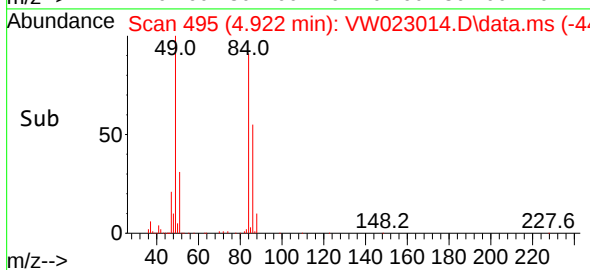
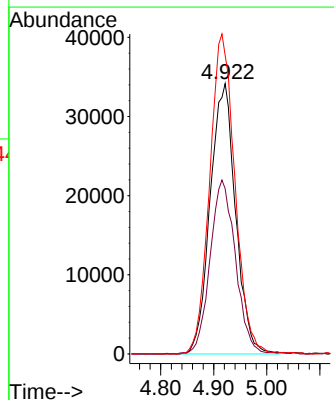
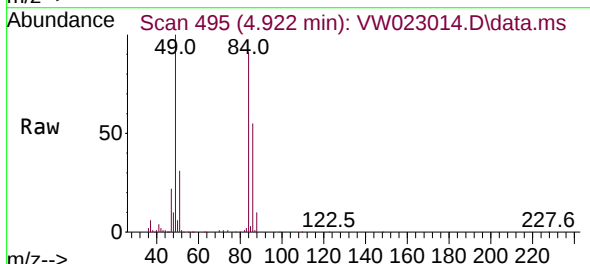
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

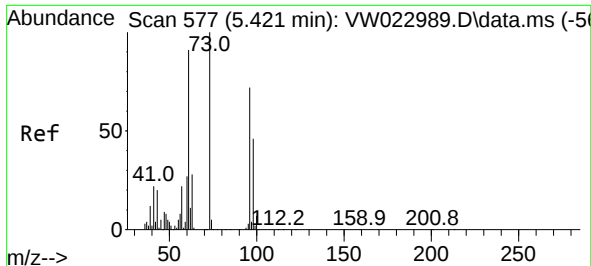
Tgt Ion: 43 Resp: 49787
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9



#16
Methylene chloride
Concen: 21.865 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 84 Resp: 113880
Ion Ratio Lower Upper
84 100
86 61.1 45.4 84.4
49 110.4 82.5 153.1

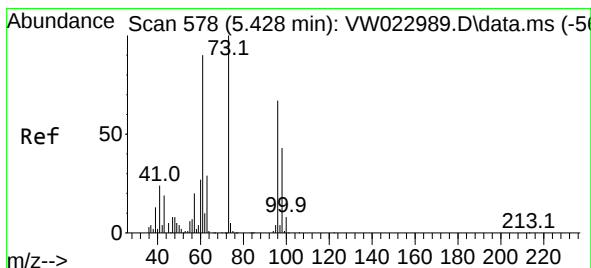
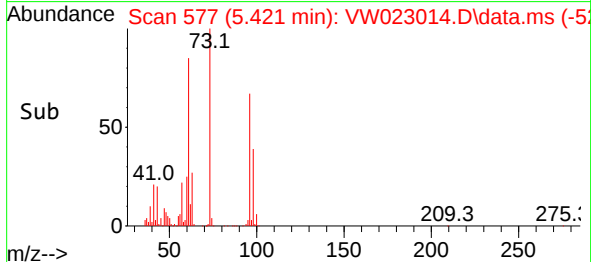
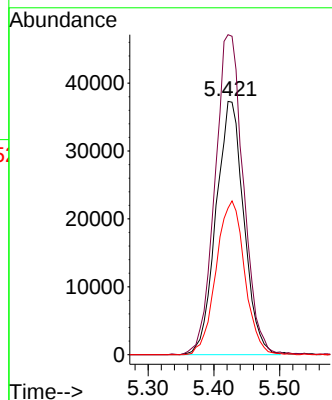
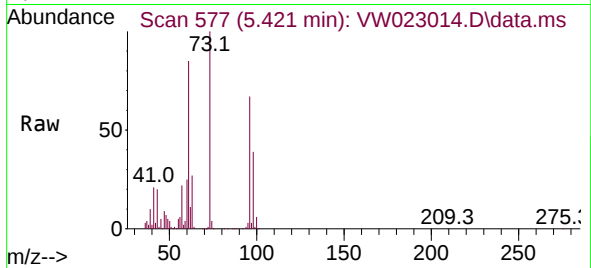




#17
trans-1,2-Dichloroethene
Concen: 21.381 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

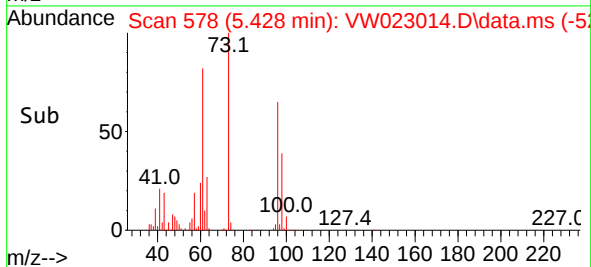
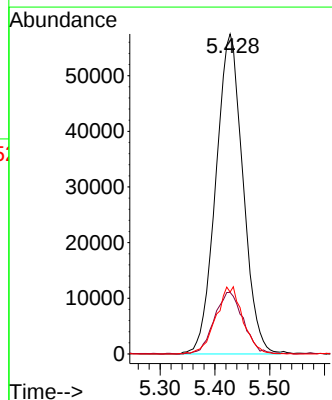
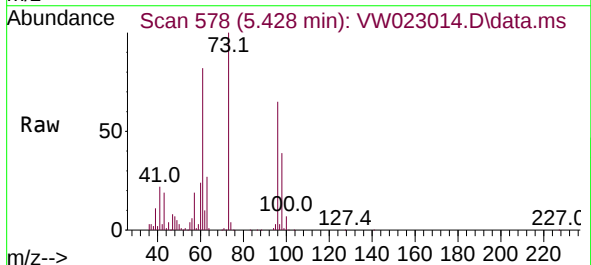
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

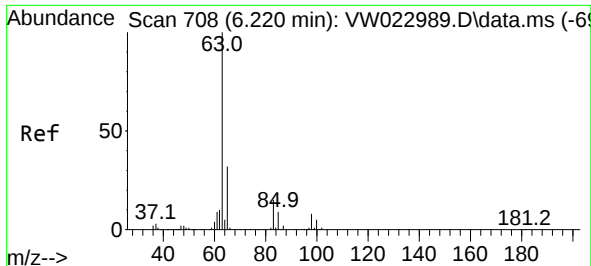
Tgt Ion: 96 Resp: 109692
Ion Ratio Lower Upper
96 100
61 126.3 92.2 171.2
98 57.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.248 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 73 Resp: 197732
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 20.9 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.243 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

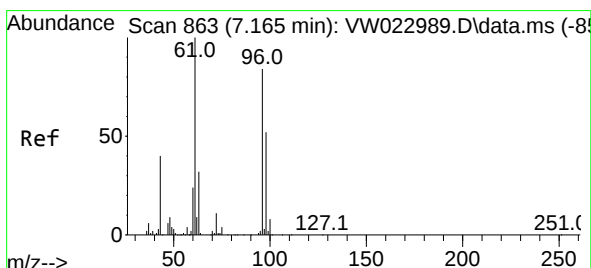
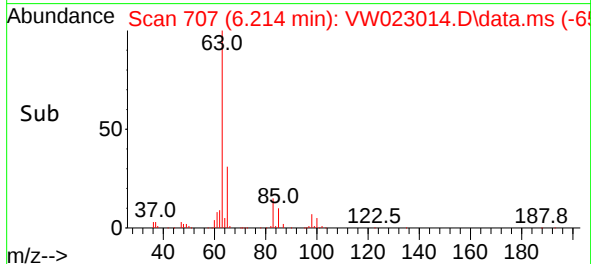
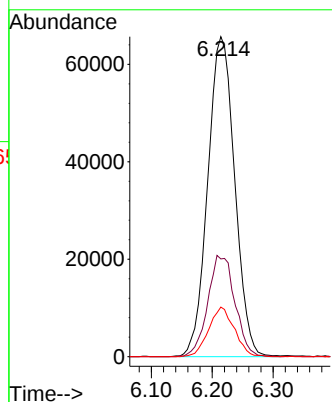
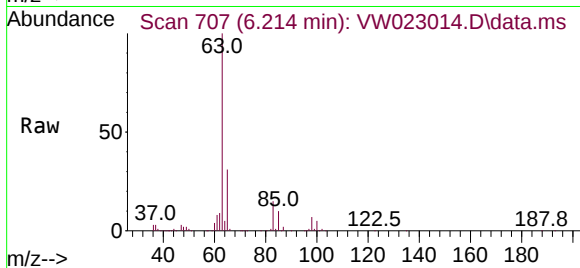
Tgt Ion: 63 Resp: 202104

Ion Ratio Lower Upper

63 100

65 30.5 23.3 43.3

83 15.5 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.519 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

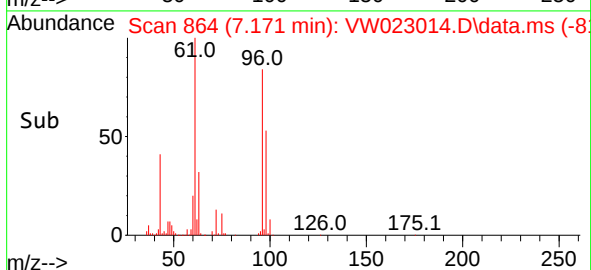
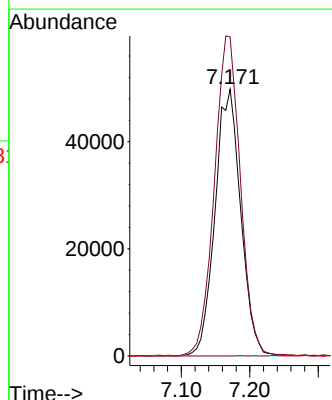
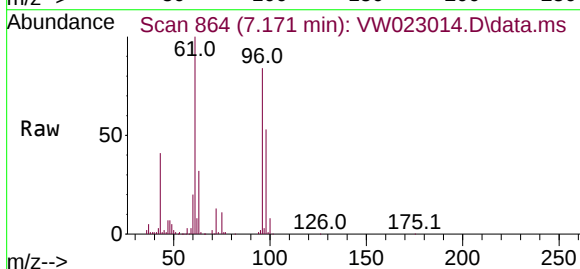
Tgt Ion: 96 Resp: 129600

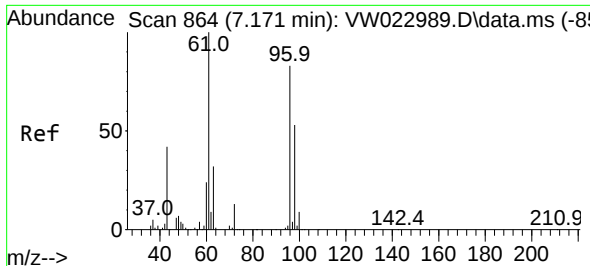
Ion Ratio Lower Upper

96 100

61 119.6 84.2 156.4

68 0.0 0.1 0.1#

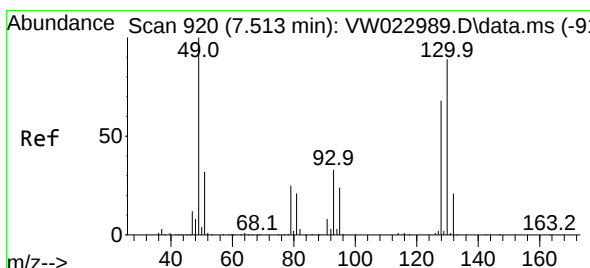
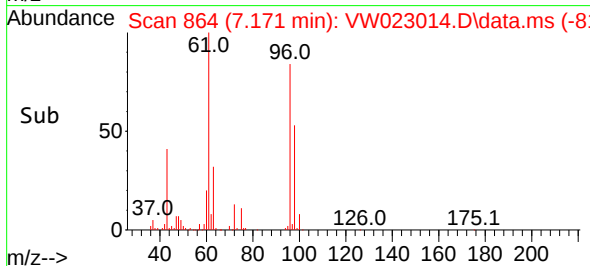
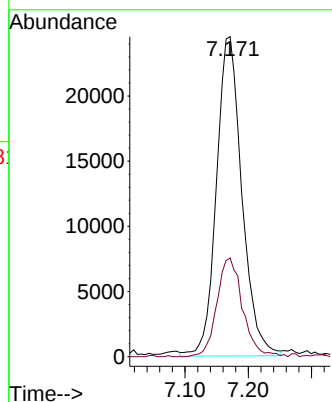
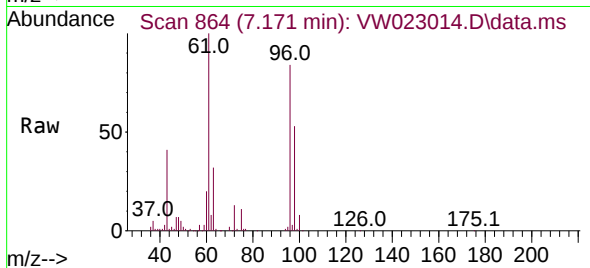




#22
2-Butanone
Concen: 47.088 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

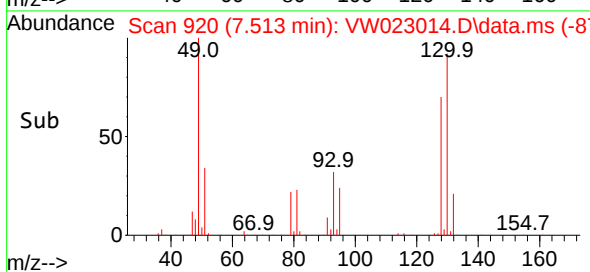
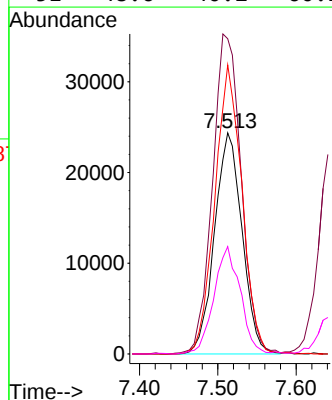
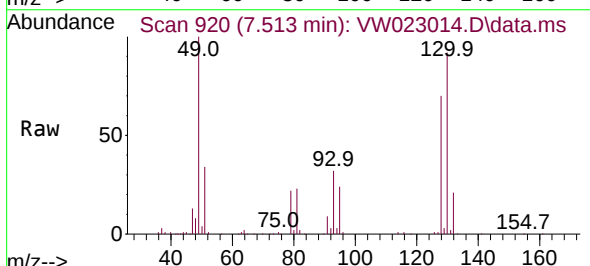
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

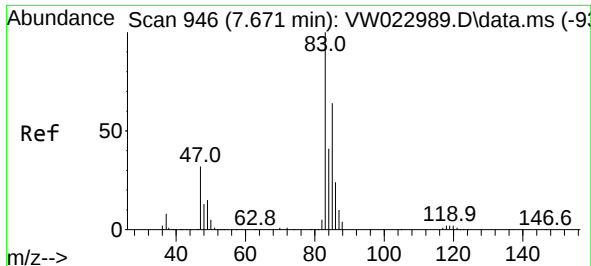
Tgt Ion: 43 Resp: 68457
Ion Ratio Lower Upper
43 100
72 30.5 15.1 45.3



#23
Bromochloromethane
Concen: 23.081 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 128 Resp: 59563
Ion Ratio Lower Upper
128 100
49 142.5 110.0 204.4
130 130.7 94.8 176.0
51 48.6 40.2 60.2

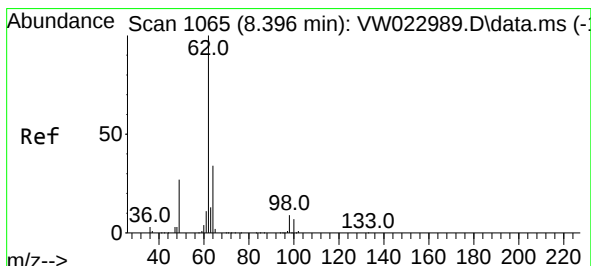
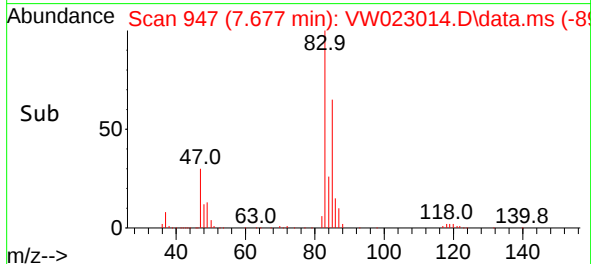
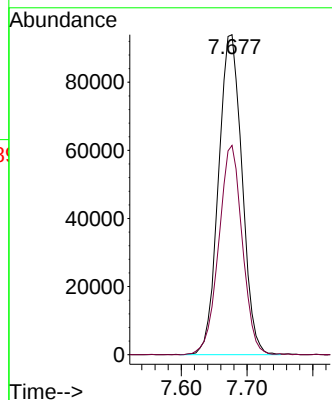
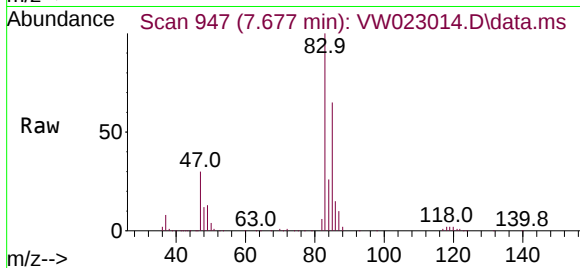




#25
Chloroform
Concen: 24.343 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

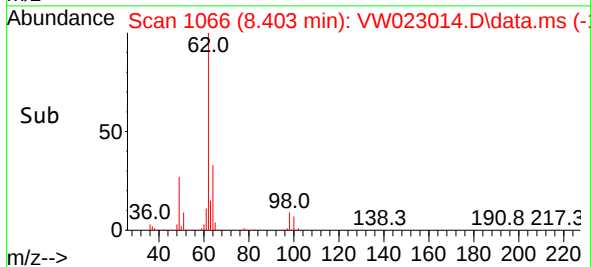
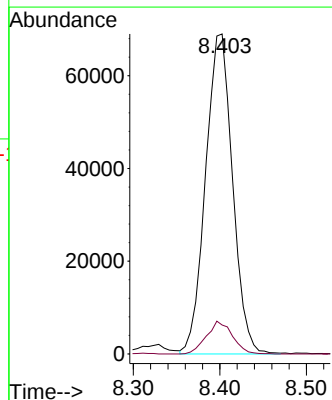
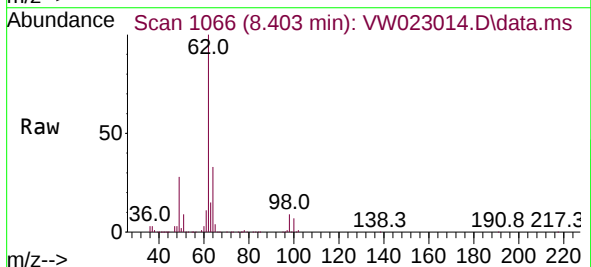
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

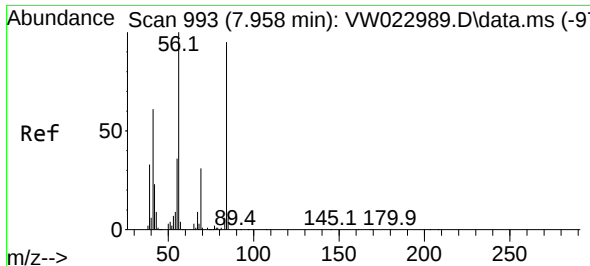
Tgt Ion: 83 Resp: 234052
Ion Ratio Lower Upper
83 100
85 65.4 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.356 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 62 Resp: 149690
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8

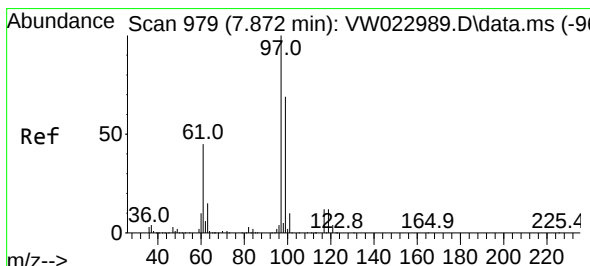
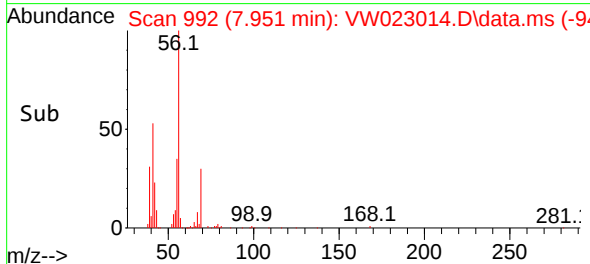
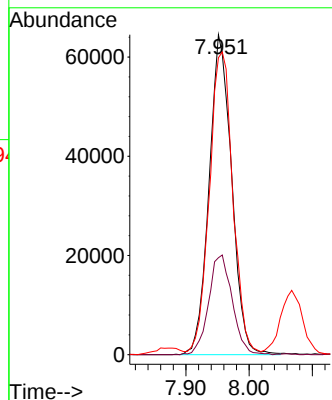
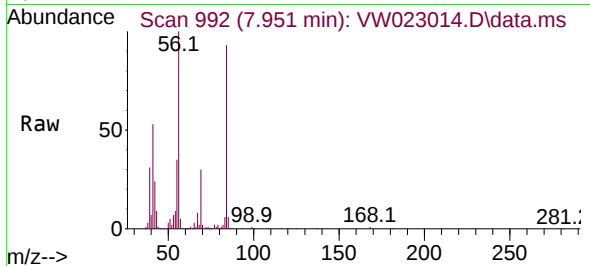




#29
Cyclohexane
Concen: 21.311 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

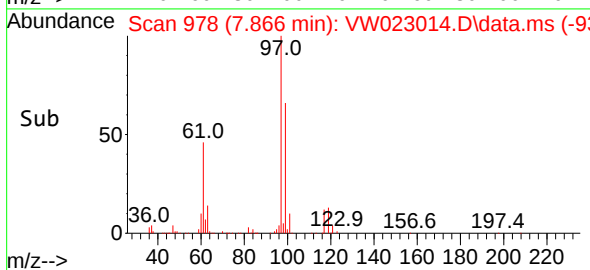
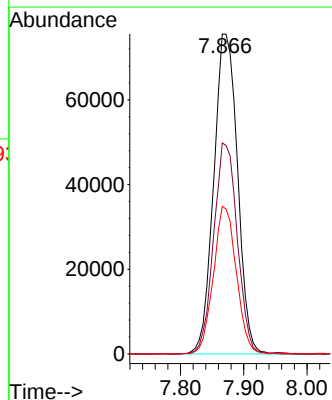
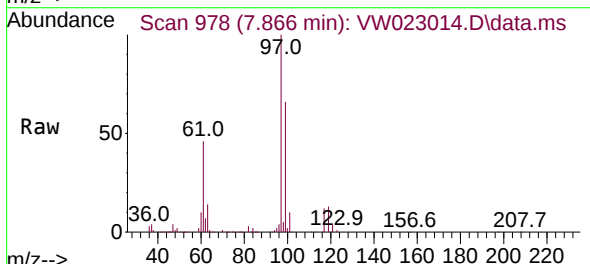
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

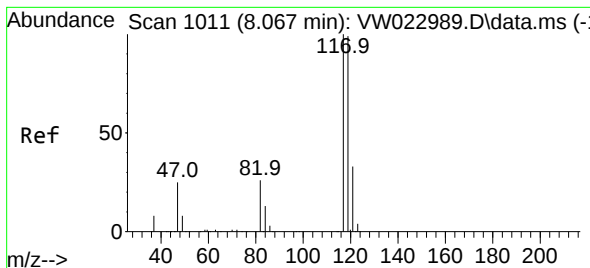
Tgt Ion: 56 Resp: 159739
Ion Ratio Lower Upper
56 100
69 32.5 25.6 38.4
84 98.7 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.111 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 97 Resp: 197484
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.4
61 44.4 34.8 52.2





#31

Carbon tetrachloride

Concen: 23.388 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

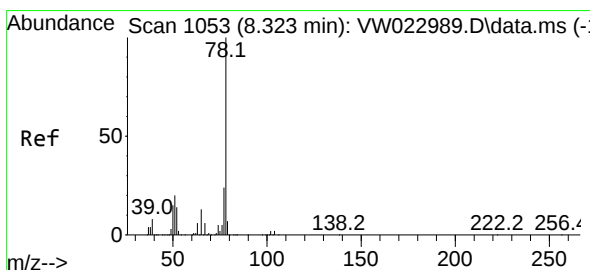
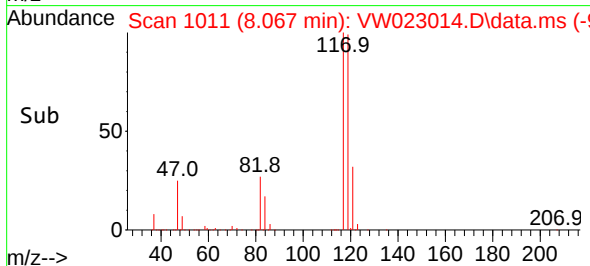
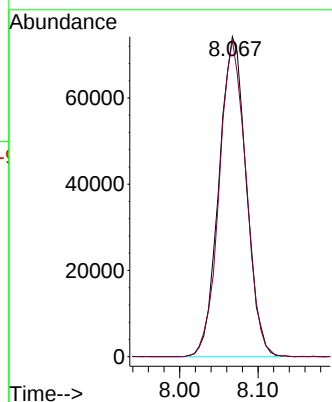
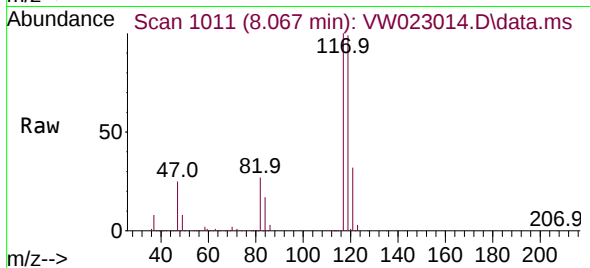
VSTD025530

Tgt Ion:117 Resp: 179190

Ion Ratio Lower Upper

117 100

119 97.2 76.6 115.0



#33

Benzene

Concen: 22.947 ug/L

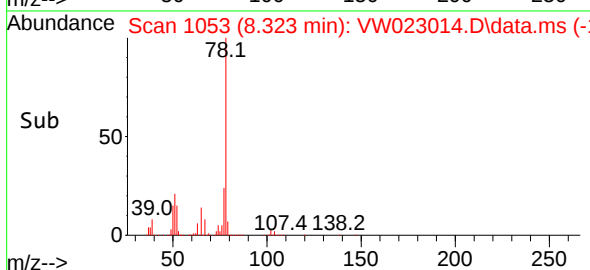
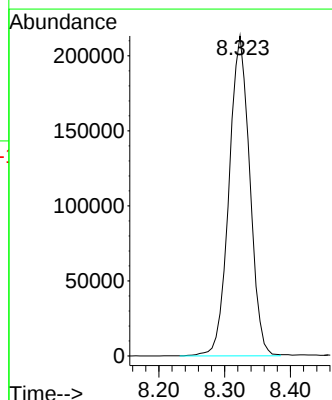
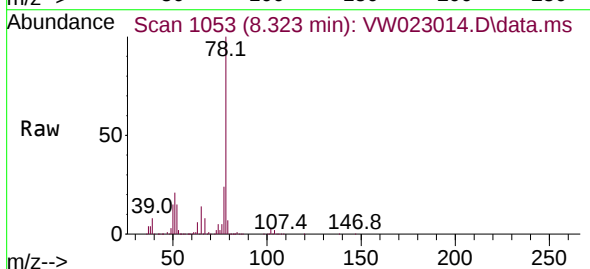
RT: 8.323 min Scan# 1053

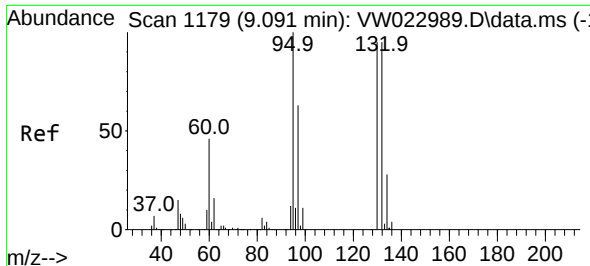
Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Tgt Ion: 78 Resp: 468524

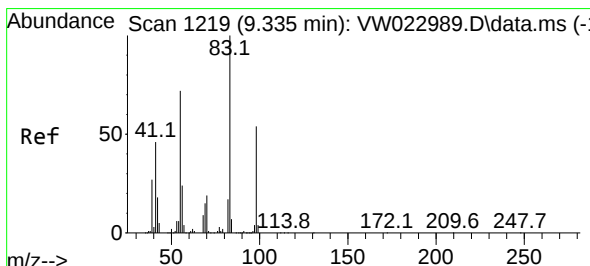
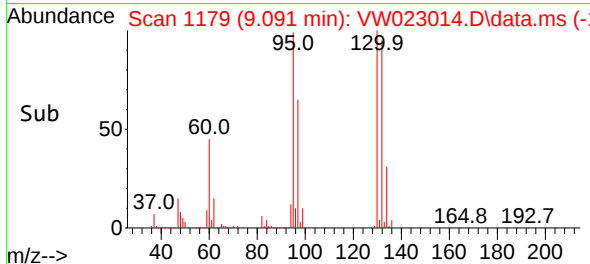
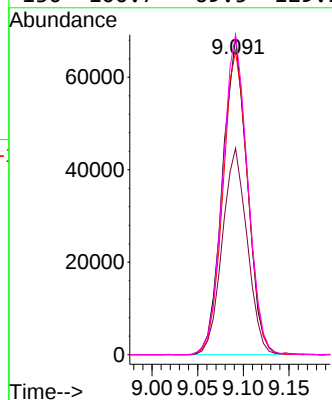
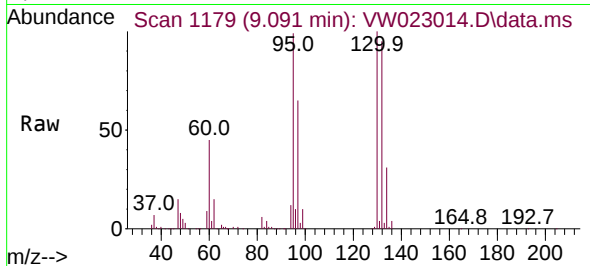




#34
Trichloroethene
Concen: 22.928 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

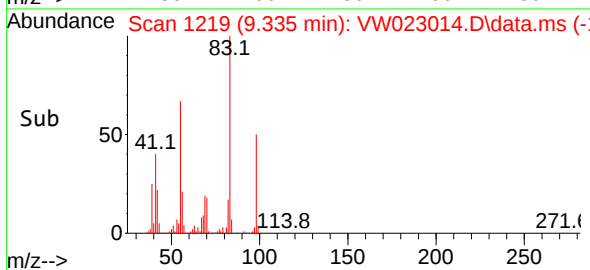
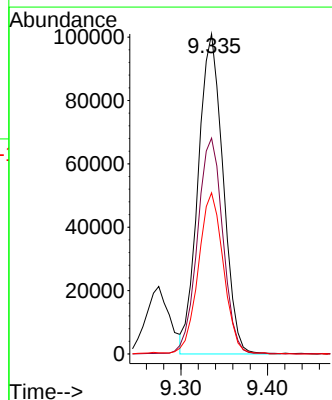
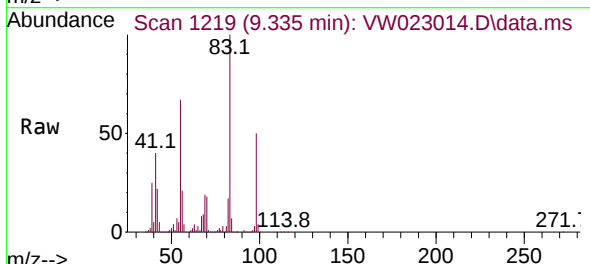
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

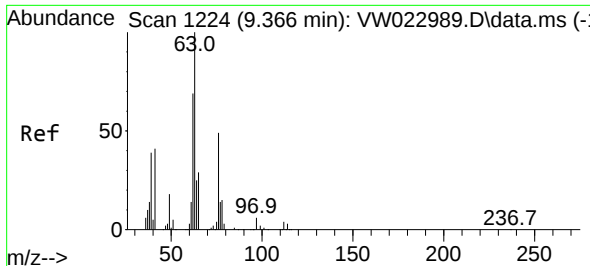
Tgt Ion: 95 Resp: 128746
Ion Ratio Lower Upper
95 100
97 65.0 46.1 85.7
132 95.6 66.9 124.3
130 100.7 69.5 129.1



#35
Methylcyclohexane
Concen: 21.855 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 83 Resp: 201599
Ion Ratio Lower Upper
83 100
55 67.9 55.1 82.7
98 50.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.740 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

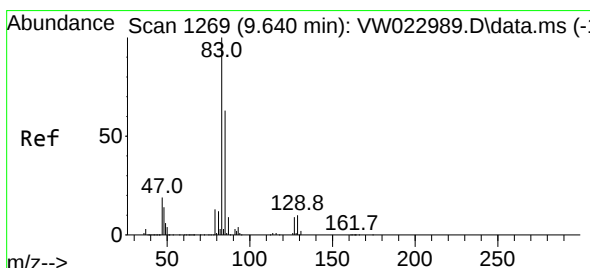
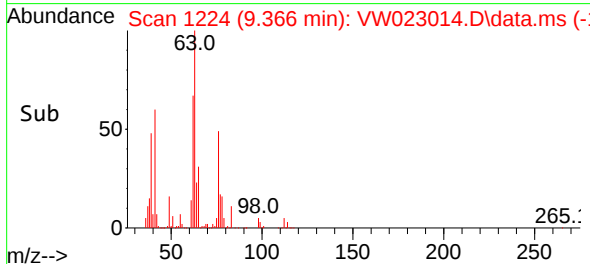
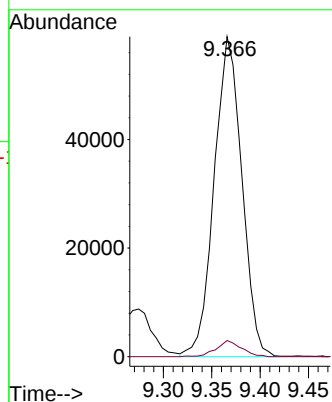
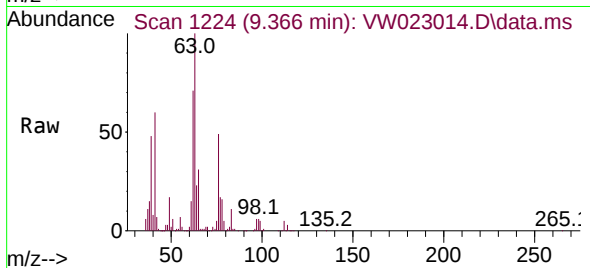
VSTD025530

Tgt Ion: 63 Resp: 117301

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 24.247 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

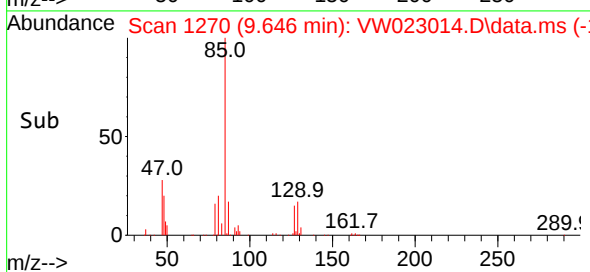
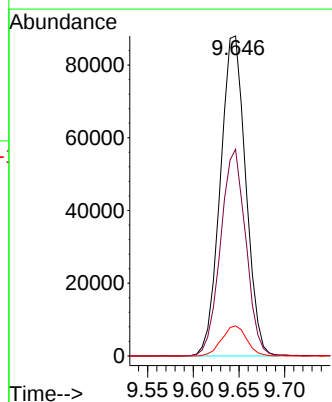
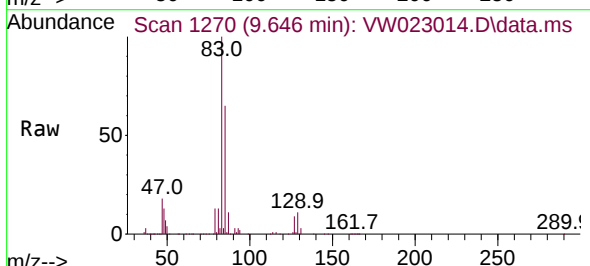
Tgt Ion: 83 Resp: 170168

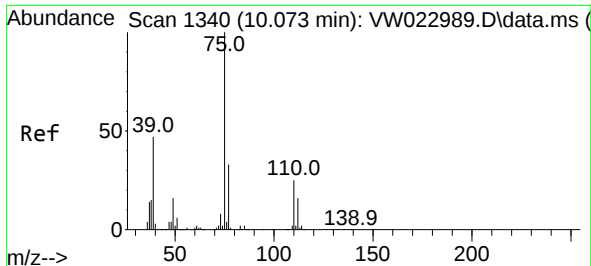
Ion Ratio Lower Upper

83 100

85 64.6 43.5 80.7

127 9.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.035 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

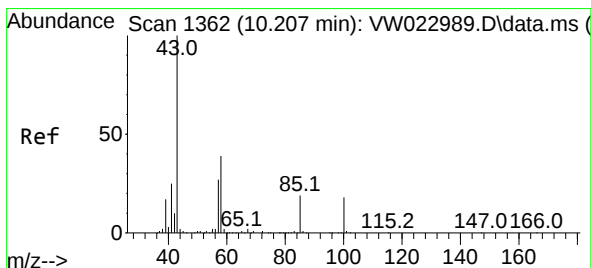
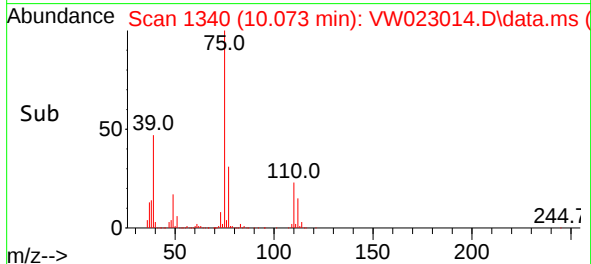
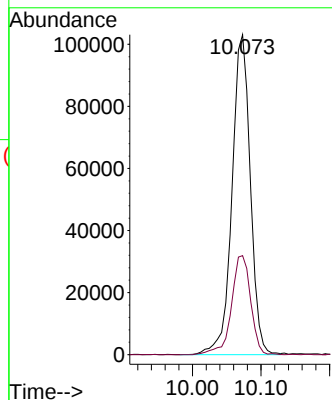
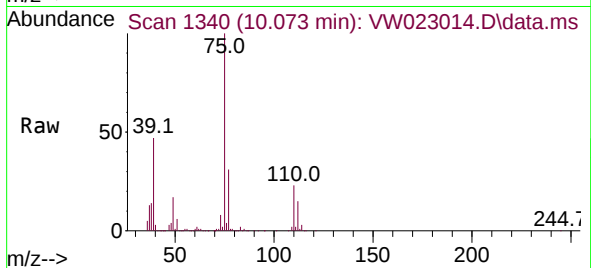
VSTD025530

Tgt Ion: 75 Resp: 191807

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.114 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

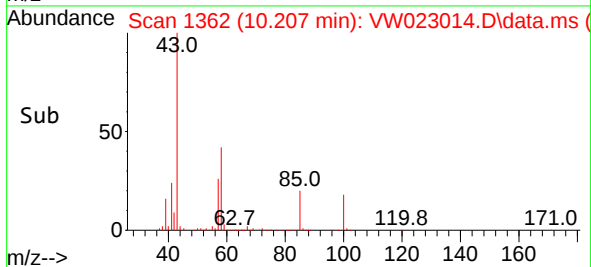
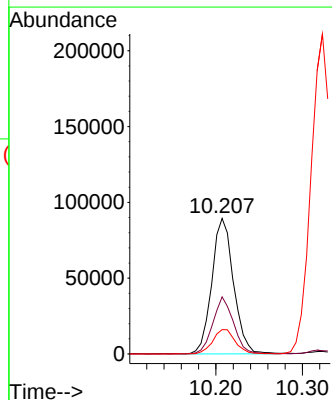
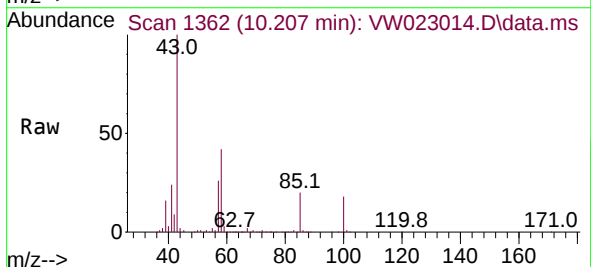
Tgt Ion: 43 Resp: 156070

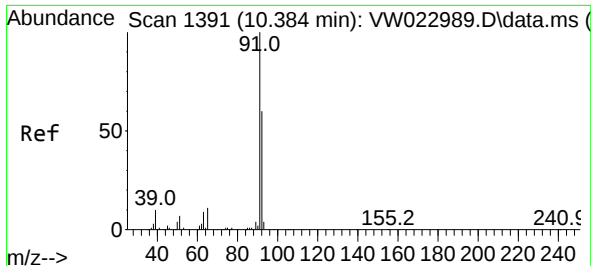
Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.2

100 18.8 14.2 21.4

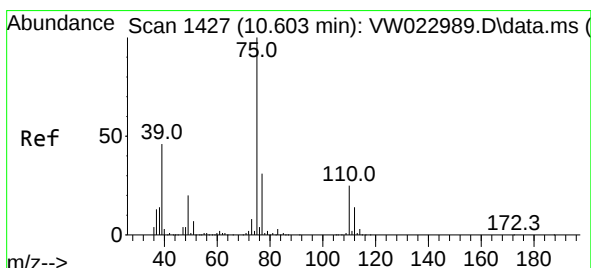
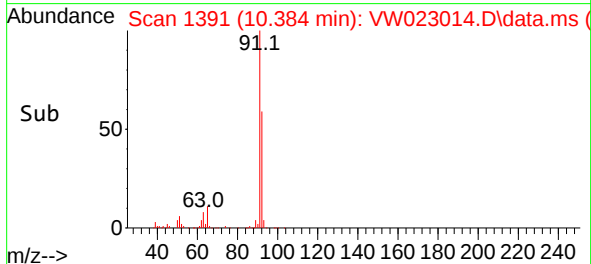
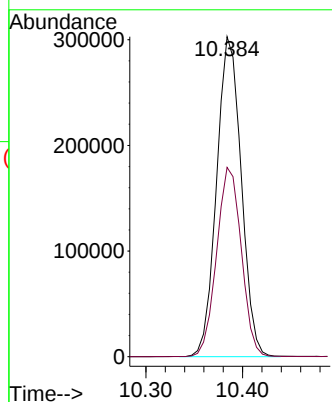
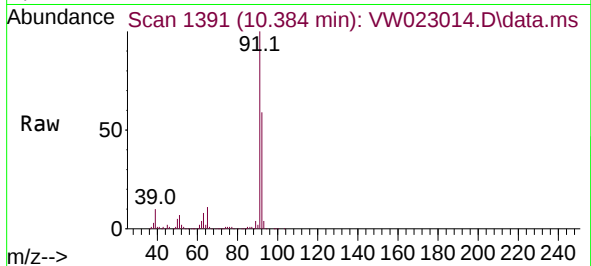




#42
Toluene
Concen: 23.390 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

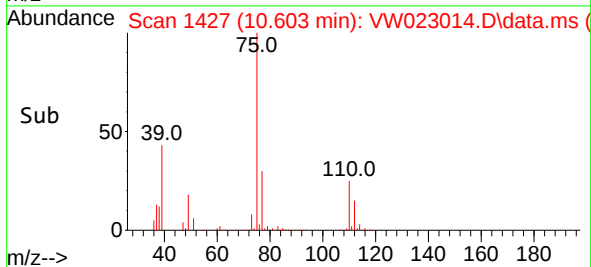
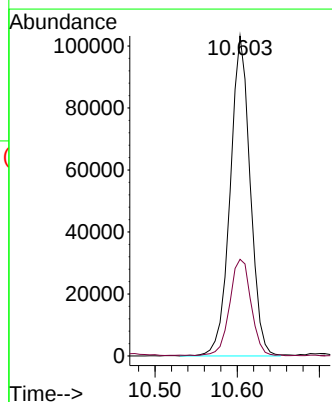
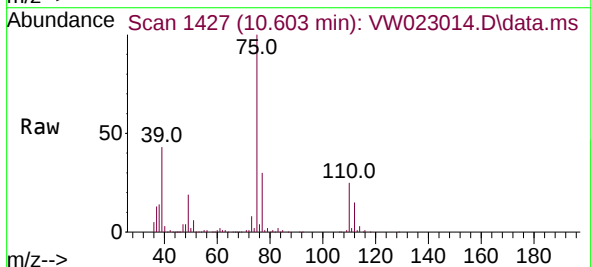
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

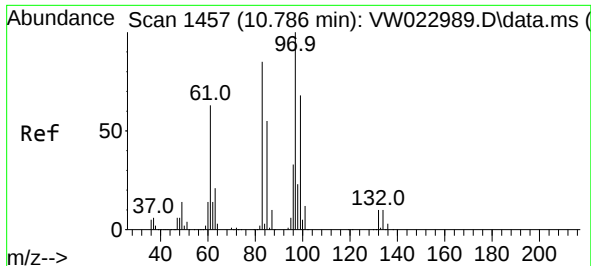
Tgt Ion: 91 Resp: 535215
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.586 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 75 Resp: 174967
Ion Ratio Lower Upper
75 100
77 30.2 22.0 40.8



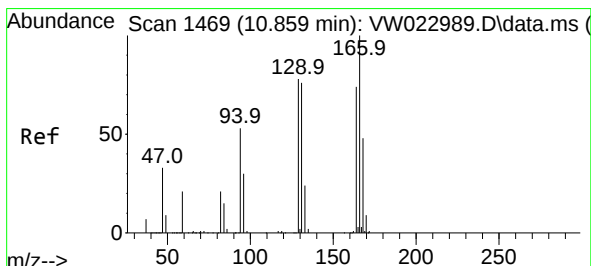
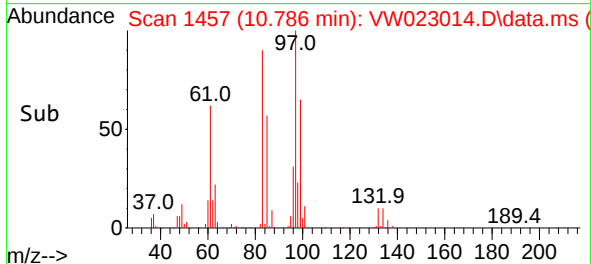
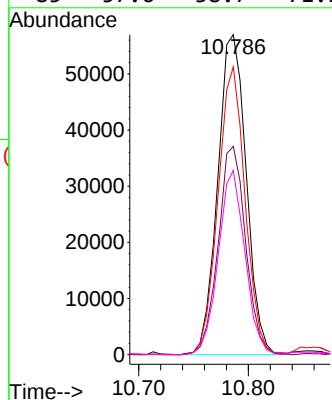
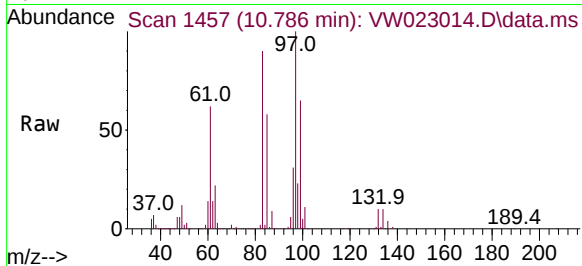


#45
1,1,2-Trichloroethane
Concen: 24.926 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Tgt Ion: 97 Resp: 102959

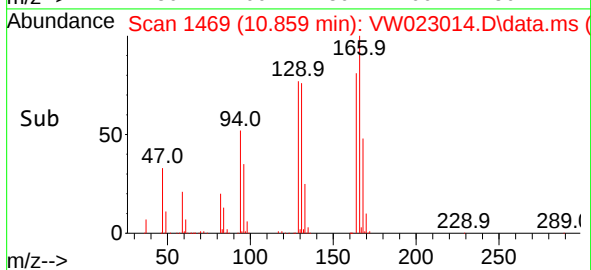
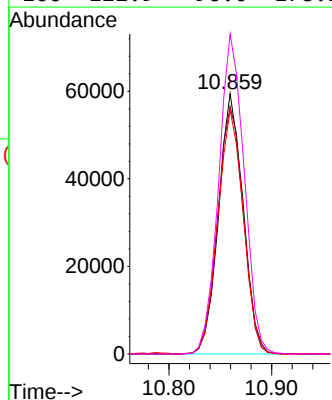
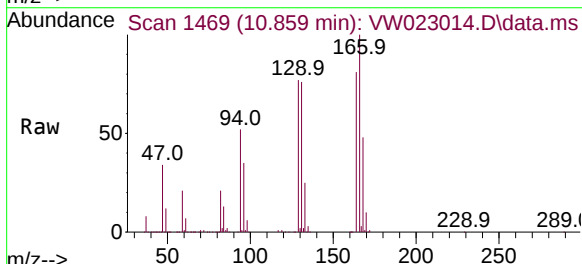
Ion	Ratio	Lower	Upper
97	100		
99	65.1	44.7	82.9
83	90.0	58.4	108.4
85	57.6	38.7	71.9

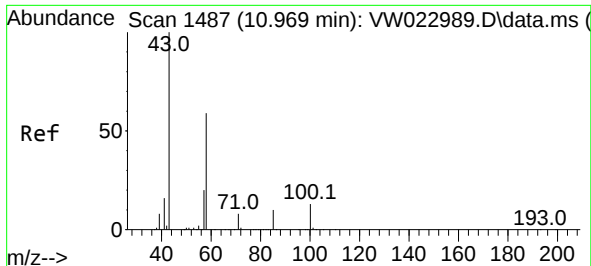


#46
Tetrachloroethene
Concen: 23.351 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion:164 Resp: 98535

Ion	Ratio	Lower	Upper
164	100		
129	95.0	76.9	142.7
131	93.7	75.1	139.5
166	122.9	96.0	178.2

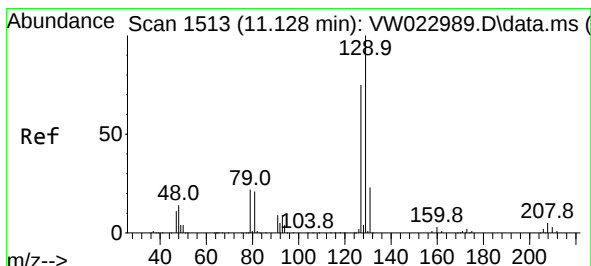
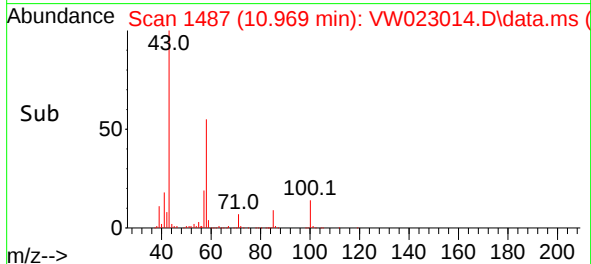
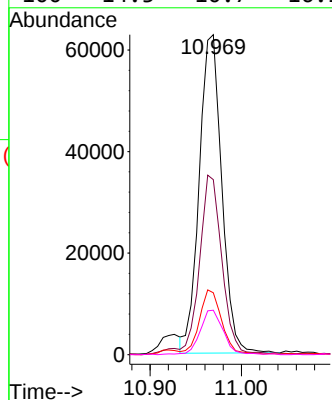
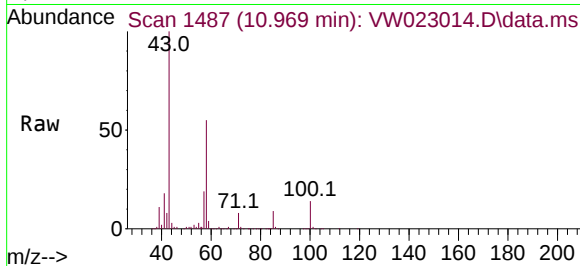




#48
2-Hexanone
Concen: 51.646 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

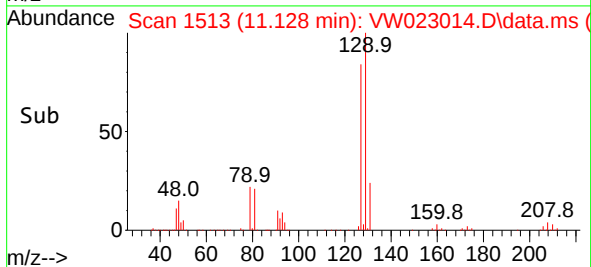
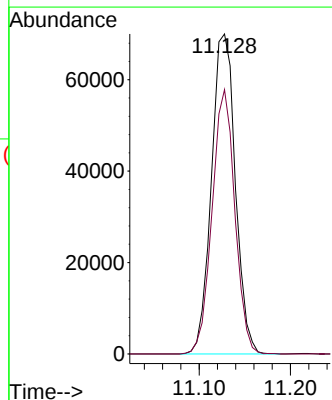
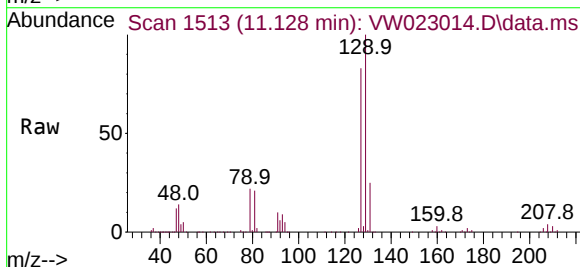
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

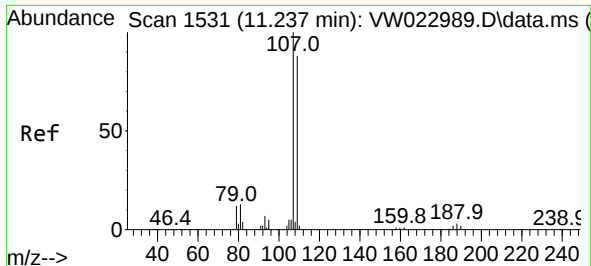
Tgt Ion: 43 Resp: 107467
Ion Ratio Lower Upper
43 100
58 55.5 45.9 68.9
57 20.2 16.2 24.2
100 14.3 10.7 16.1



#49
Dibromochloromethane
Concen: 25.600 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 129 Resp: 127268
Ion Ratio Lower Upper
129 100
127 82.6 53.8 100.0

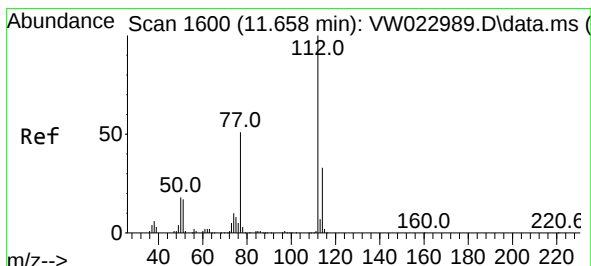
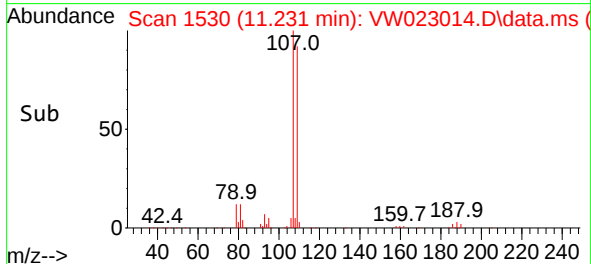
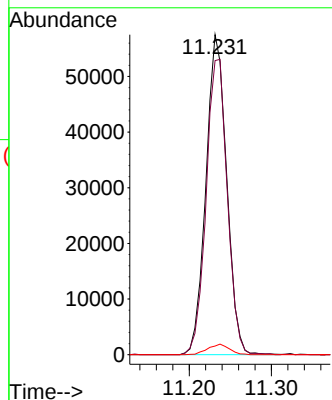
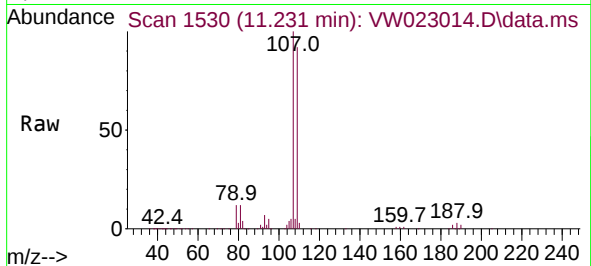




#50
1,2-Dibromoethane
Concen: 24.286 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

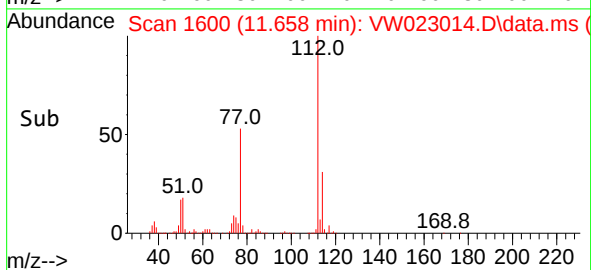
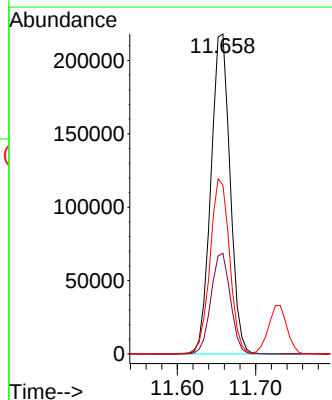
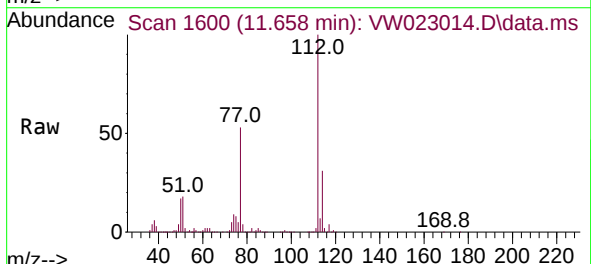
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

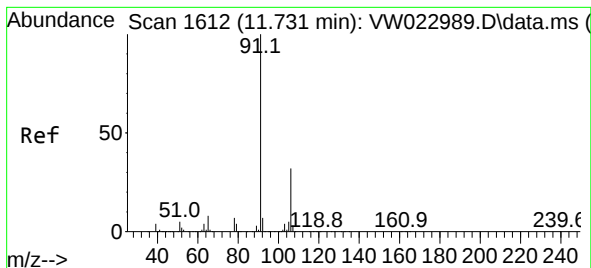
Tgt Ion:107 Resp: 100727
Ion Ratio Lower Upper
107 100
109 91.9 67.5 125.4
188 2.7 2.9 4.3#



#51
Chlorobenzene
Concen: 24.575 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion:112 Resp: 370714
Ion Ratio Lower Upper
112 100
114 31.4 22.0 41.0
77 52.8 42.6 63.8

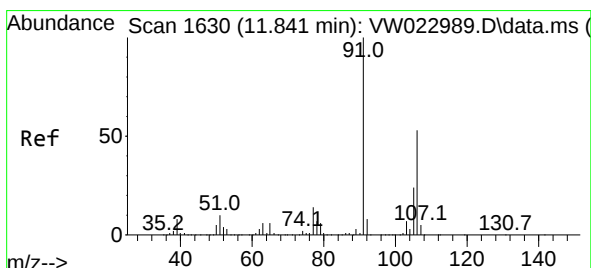
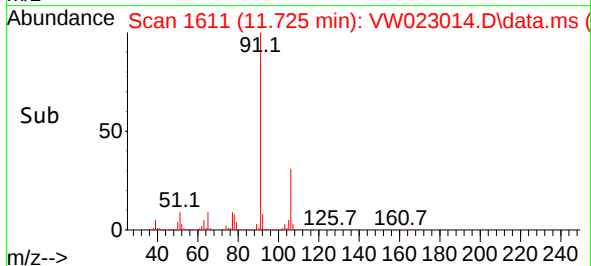
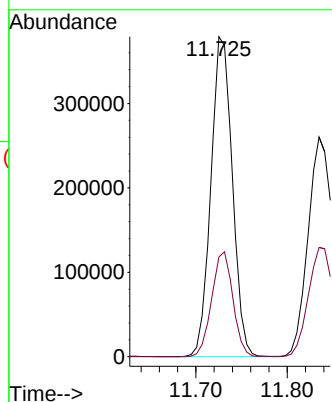
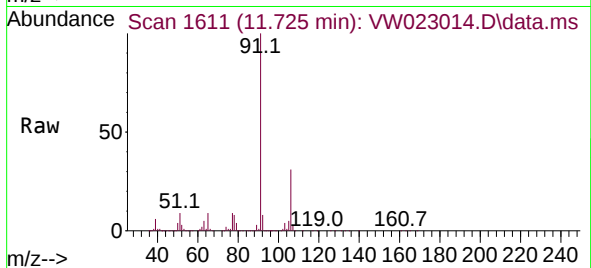




#52
Ethylbenzene
Concen: 24.237 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

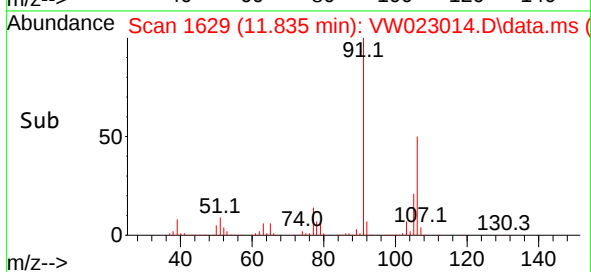
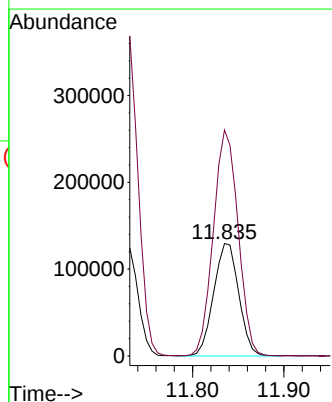
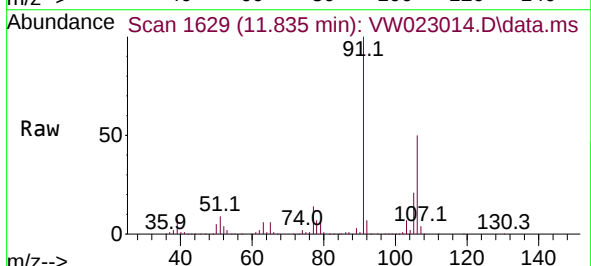
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

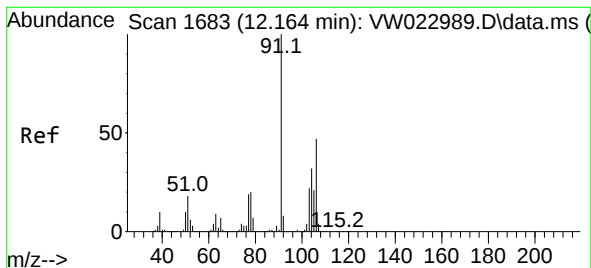
Tgt Ion: 91 Resp: 616995
Ion Ratio Lower Upper
91 100
106 31.1 22.3 41.3



#53
m,p-Xylene
Concen: 24.606 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion: 106 Resp: 246812
Ion Ratio Lower Upper
106 100
91 201.0 136.8 254.0





#54

o-Xylene

Concen: 24.789 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

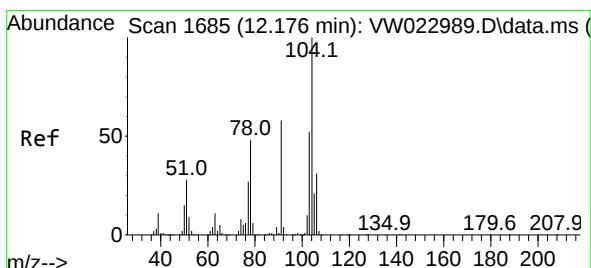
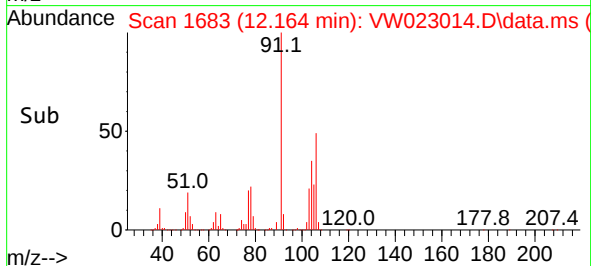
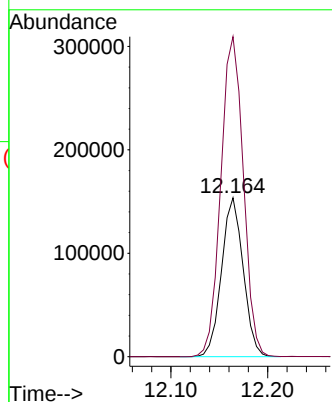
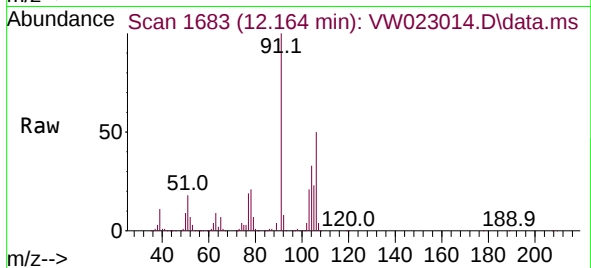
VSTD025530

Tgt Ion:106 Resp: 238604

Ion Ratio Lower Upper

106 100

91 201.4 147.2 273.4



#55

Styrene

Concen: 25.469 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023014.D

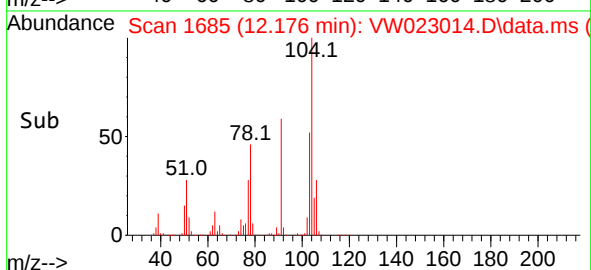
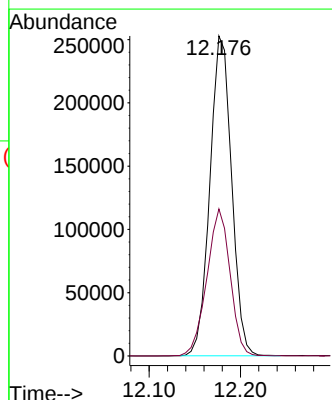
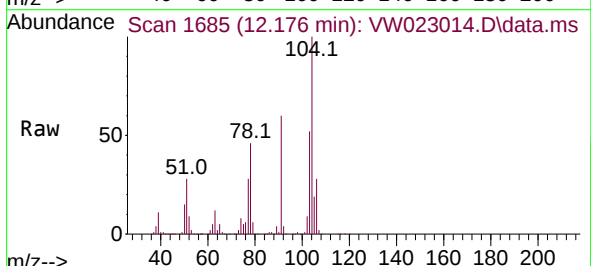
Acq: 13 May 2022 09:20

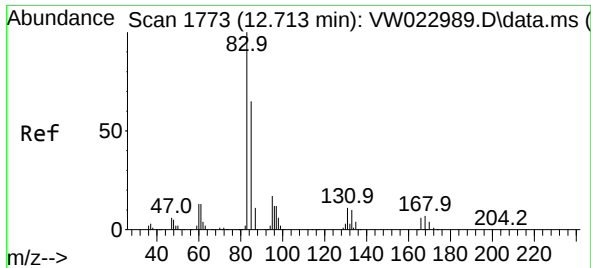
Tgt Ion:104 Resp: 416565

Ion Ratio Lower Upper

104 100

78 45.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.919 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

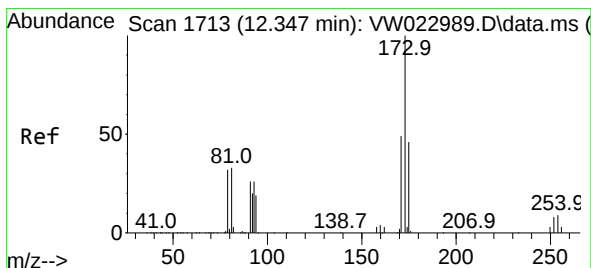
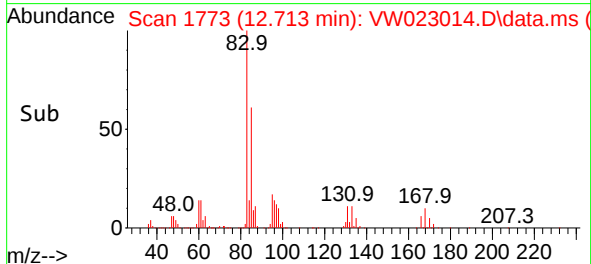
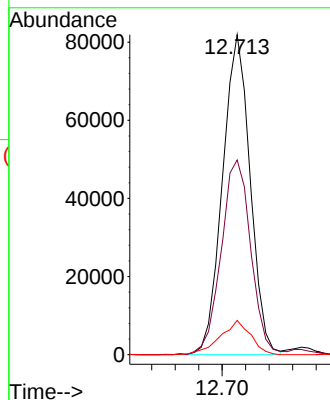
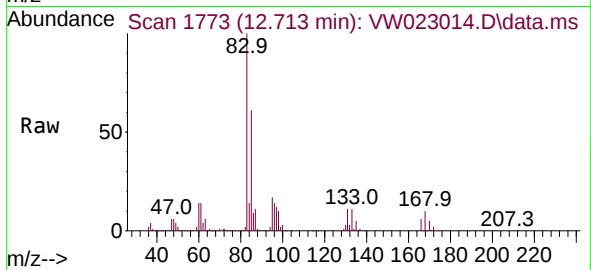
Tgt Ion: 83 Resp: 133721

Ion Ratio Lower Upper

83 100

85 60.9 47.5 88.1

131 10.7 8.7 13.1



#59

Bromoform

Concen: 25.436 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

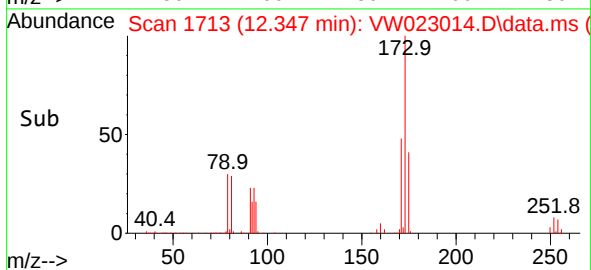
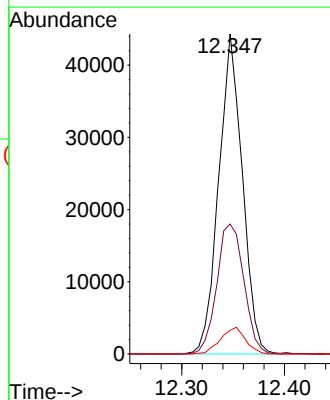
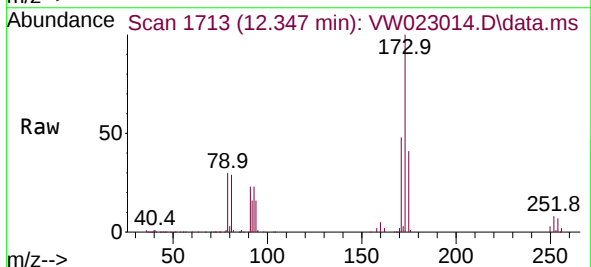
Tgt Ion:173 Resp: 70777

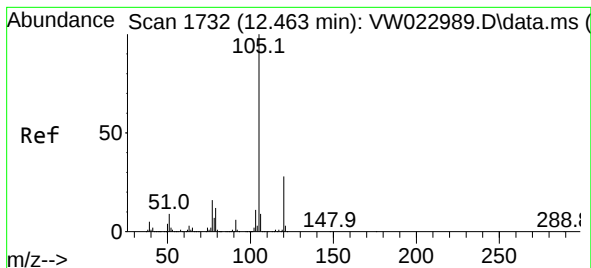
Ion Ratio Lower Upper

173 100

175 46.3 38.1 57.1

254 8.8 6.5 9.7





#60

Isopropylbenzene

Concen: 24.611 ug/L

RT: 12.463 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

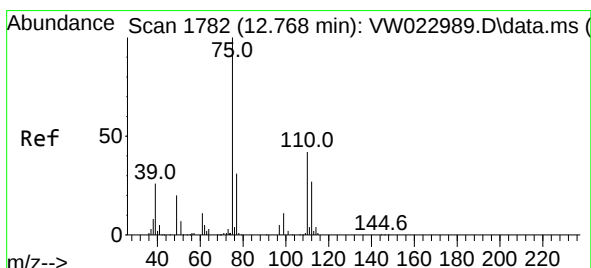
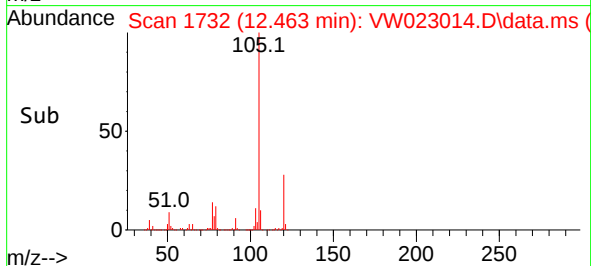
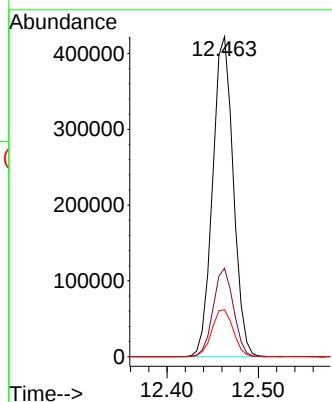
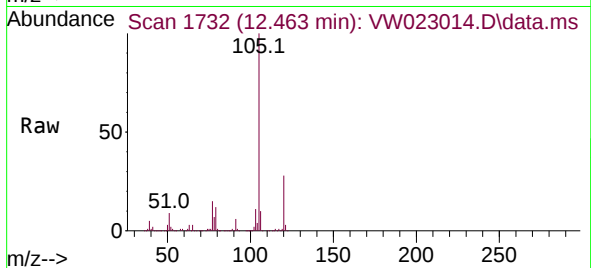
Tgt Ion:105 Resp: 661980

Ion Ratio Lower Upper

105 100

120 27.2 21.3 31.9

77 15.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 24.423 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

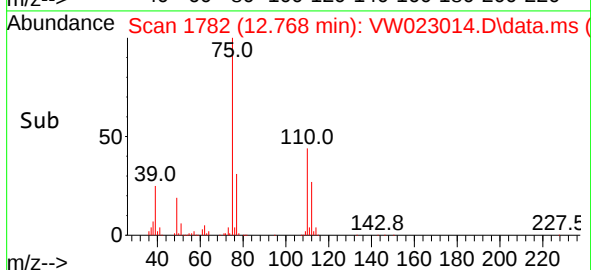
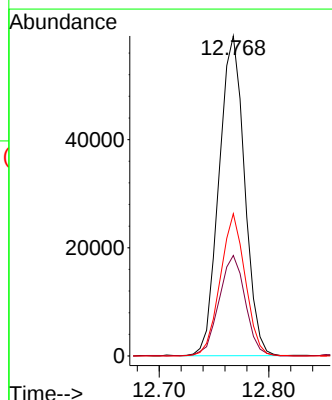
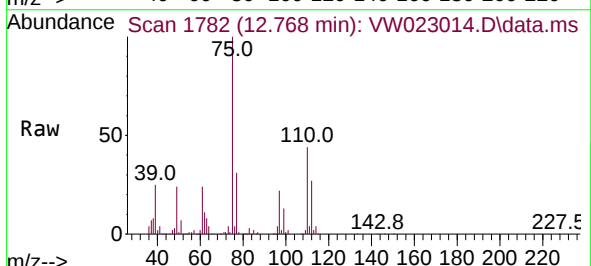
Tgt Ion: 75 Resp: 95813

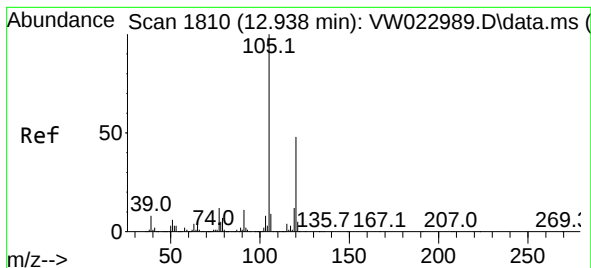
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 43.5 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 24.524 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

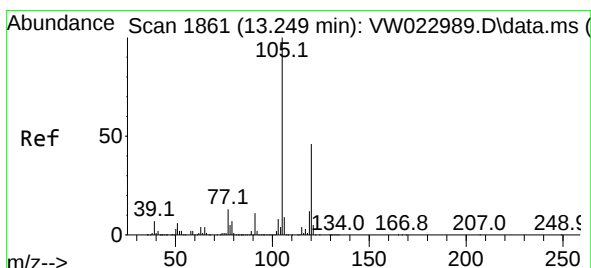
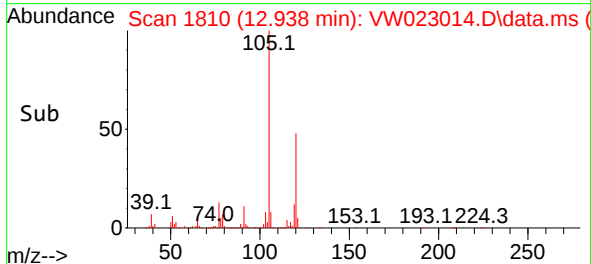
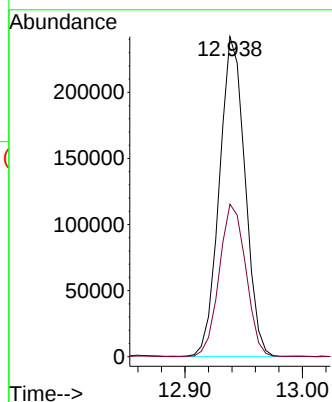
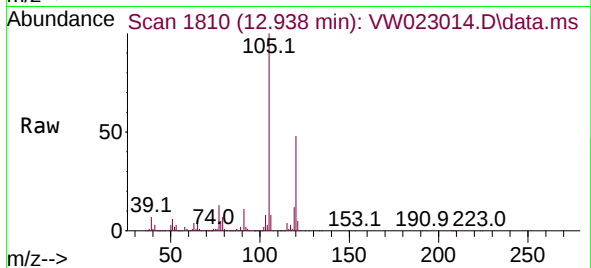
VSTD025530

Tgt Ion:105 Resp: 366993

Ion Ratio Lower Upper

105 100

120 49.5 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 25.306 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023014.D

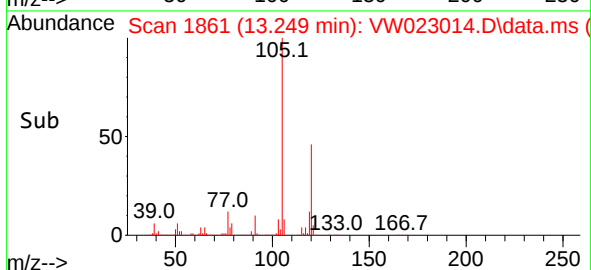
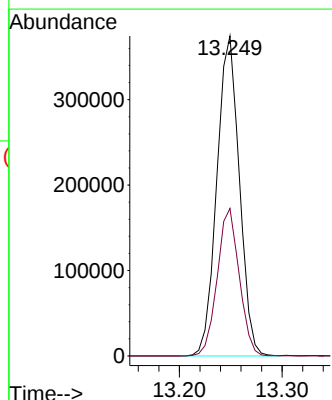
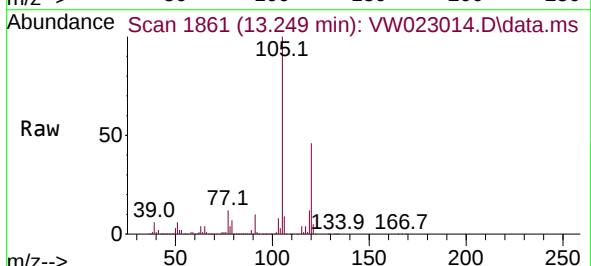
Acq: 13 May 2022 09:20

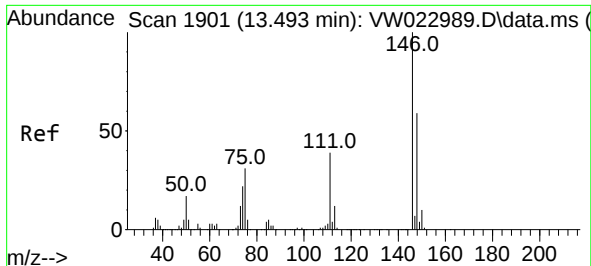
Tgt Ion:105 Resp: 568619

Ion Ratio Lower Upper

105 100

120 45.0 37.4 56.2

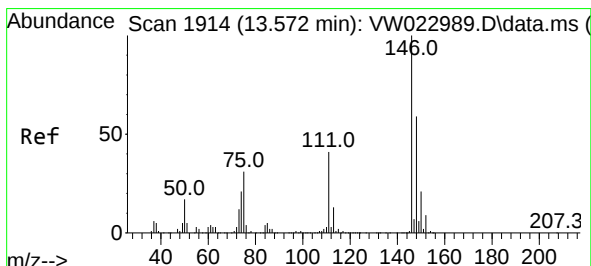
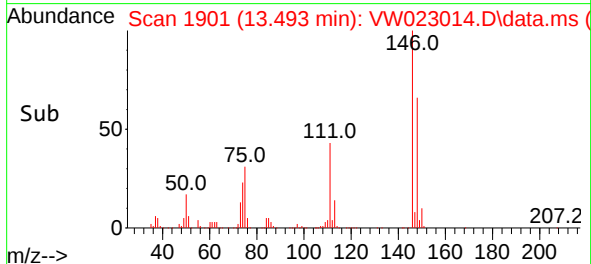
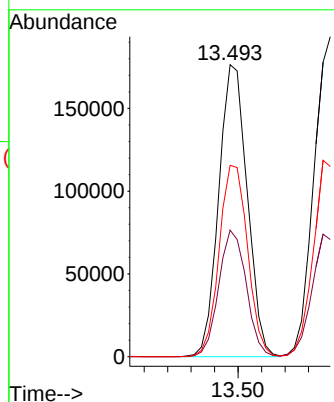
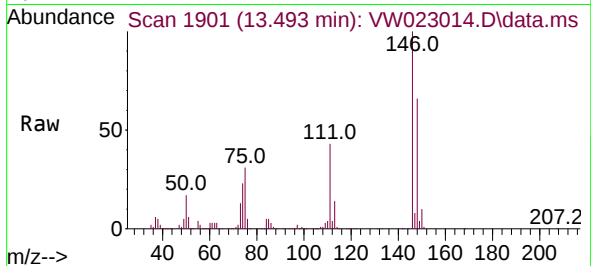




#64
1,3-Dichlorobenzene
Concen: 24.737 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

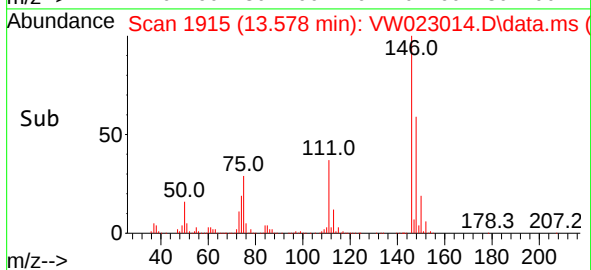
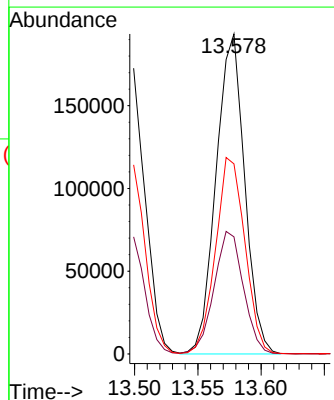
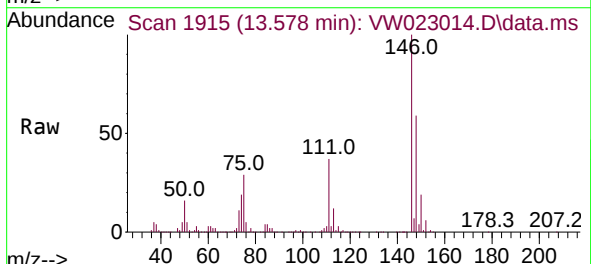
Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

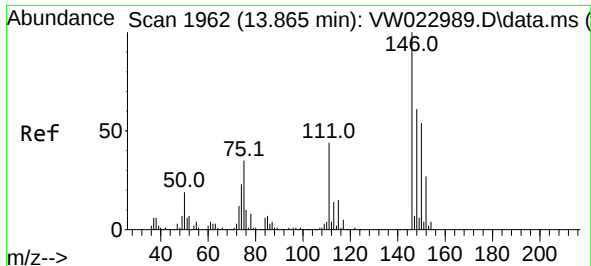
Tgt Ion:146 Resp: 297067
Ion Ratio Lower Upper
146 100
111 43.3 29.5 54.9
148 65.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.484 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion:146 Resp: 303701
Ion Ratio Lower Upper
146 100
111 36.6 27.2 50.4
148 59.4 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.673 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025530

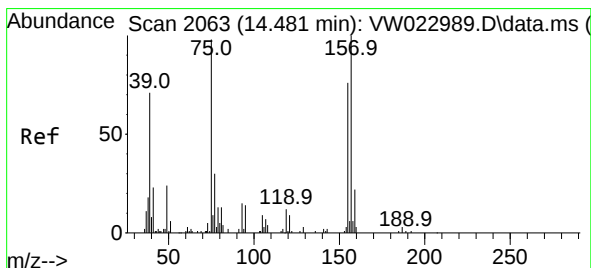
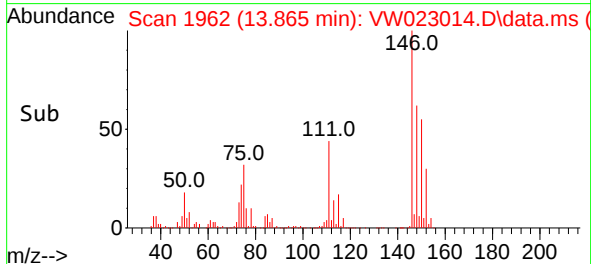
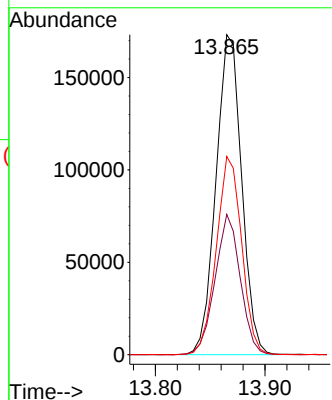
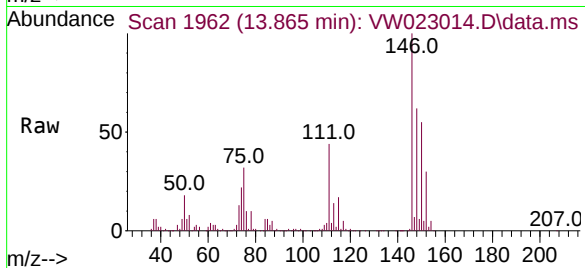
Tgt Ion:146 Resp: 282132

Ion Ratio Lower Upper

146 100

111 43.8 35.7 53.5

148 61.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.645 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023014.D

Acq: 13 May 2022 09:20

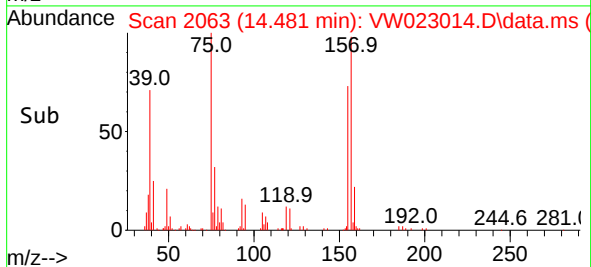
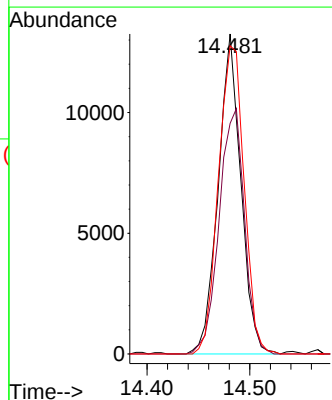
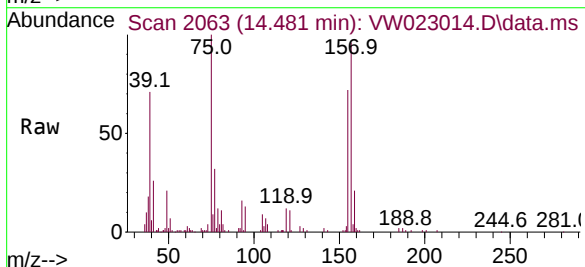
Tgt Ion: 75 Resp: 20273

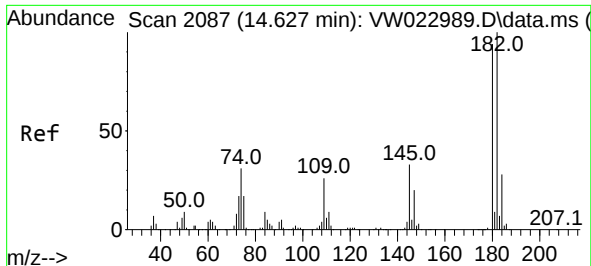
Ion Ratio Lower Upper

75 100

155 72.1 59.3 88.9

157 96.3 89.8 134.8

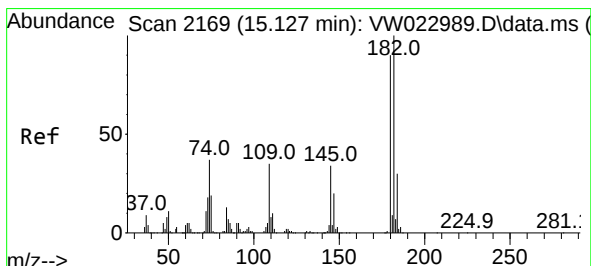
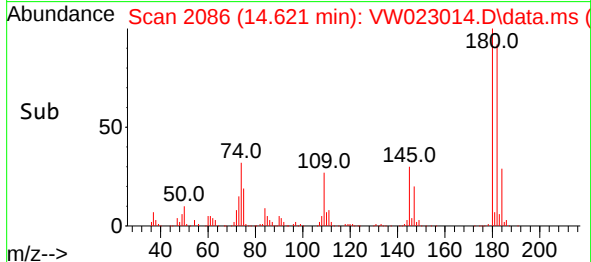
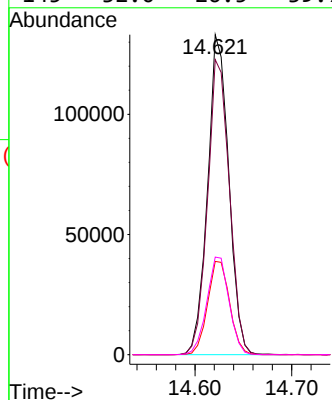
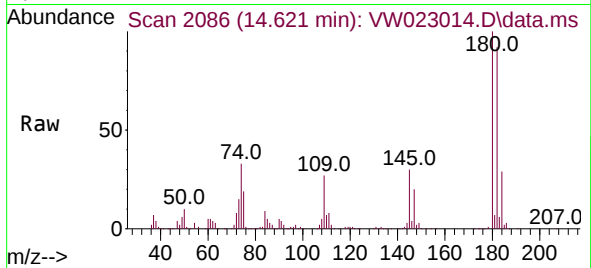




#69
 1,3,5-Trichlorobenzene
 Concen: 25.434 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

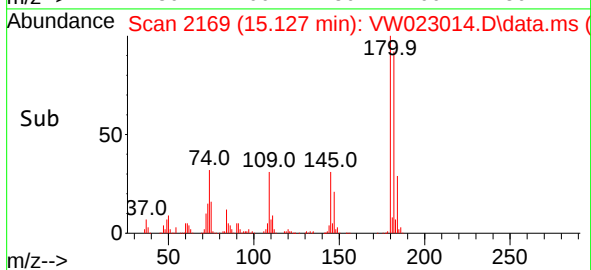
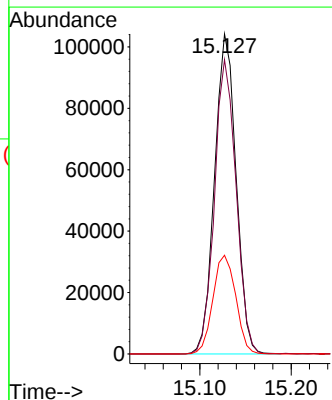
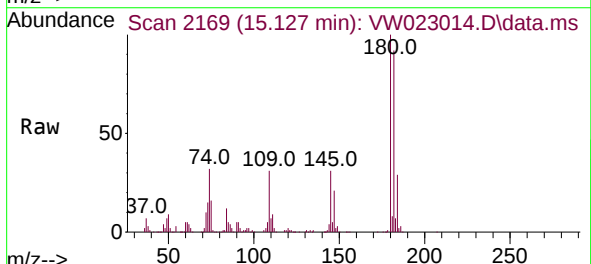
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

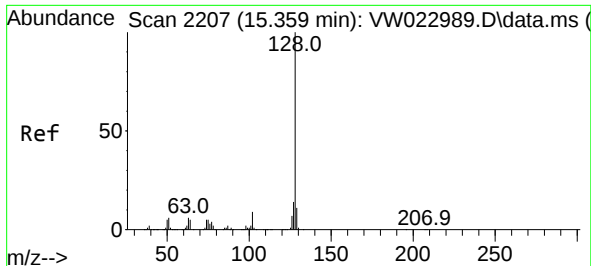
Tgt Ion:180	Resp:	202745
Ion Ratio	Lower	Upper
180	100	
182	94.9	74.8 112.2
184	30.4	23.4 35.2
145	32.0	26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 26.677 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW023014.D
 Acq: 13 May 2022 09:20

Tgt Ion:180	Resp:	171063
Ion Ratio	Lower	Upper
180	100	
182	92.0	74.9 112.3
145	32.6	26.6 39.8

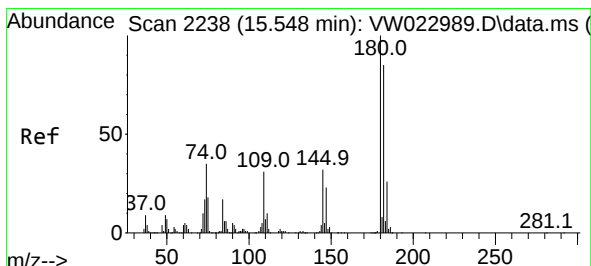
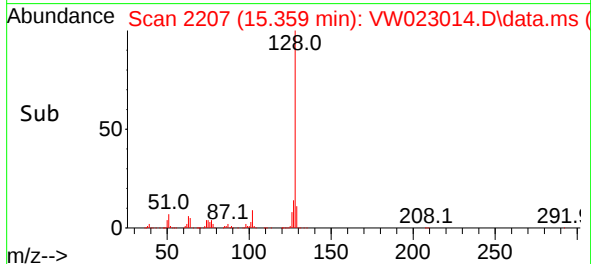
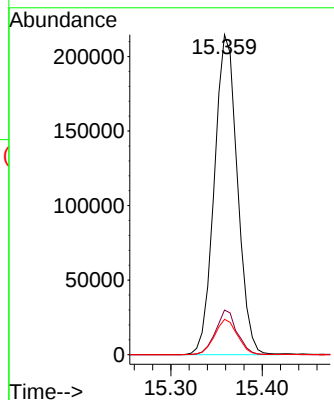
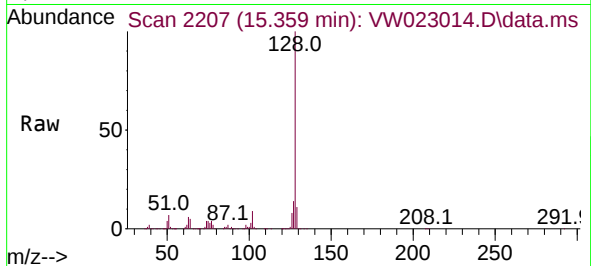




#71
Naphthalene
Concen: 26.978 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025530

Tgt Ion:128 Resp: 375999
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.588 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023014.D
Acq: 13 May 2022 09:20

Tgt Ion:180 Resp: 145423
Ion Ratio Lower Upper
180 100
182 96.6 73.5 110.3
145 35.7 27.9 41.9

