

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092721\
 Data File : VW020207.D
 Acq On : 27 Sep 2021 14:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

Quant Time: Sep 28 05:23:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 28 05:21:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	342892	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	326656	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172366	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	133440	19.023	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.080%		
7) Chloroethane-d5	2.897	69	112107	21.214	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.840%		
11) 1,1-Dichloroethene-d2	4.025	63	237164	21.593	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.360%		
21) 2-Butanone-d5	7.085	46	58879	54.393	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.780%		
24) Chloroform-d	7.646	84	249074	23.097	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.400%		
26) 1,2-Dichloroethane-d4	8.305	65	138462	23.857	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.440%		
32) Benzene-d6	8.274	84	452258	21.701	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.800%		
36) 1,2-Dichloropropane-d6	9.274	67	134742	22.341	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.360%		
41) Toluene-d8	10.323	98	410552	21.651	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.600%		
43) trans-1,3-Dichloroprop...	10.579	79	60855	23.607	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.440%		
47) 2-Hexanone-d5	10.926	63	49626	59.457	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	118.920%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	121460	26.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	145976	22.586	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	91737	30.545	ug/L	92
3) Chloromethane	2.220	50	103322	24.879	ug/L	95
5) Vinyl chloride	2.367	62	172882	26.511	ug/L	98
6) Bromomethane	2.787	94	111037	26.339	ug/L	96
8) Chloroethane	2.934	64	106482	27.002	ug/L	97
9) Trichlorofluoromethane	3.263	101	116830	25.464	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	130459	26.010	ug/L	98
12) 1,1-Dichloroethene	4.043	96	121324	26.681	ug/L	84
13) Acetone	4.141	43	55252	59.597	ug/L	99
14) Carbon disulfide	4.391	76	373610	26.126	ug/L	100
15) Methyl Acetate	4.677	43	50957	28.743	ug/L	99
16) Methylene chloride	4.921	84	160462	26.521	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	126581	26.423	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	159777	28.096	ug/L	100
19) 1,1-Dichloroethane	6.220	63	236428	26.758	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	131752	27.043	ug/L	100
22) 2-Butanone	7.177	43	71367	59.335	ug/L	100
23) Bromochloromethane	7.518	128	60778	27.520	ug/L	94
25) Chloroform	7.677	83	246347	26.662	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	167173	27.493	ug/L	100
29) Cyclohexane	7.957	56	199753	27.482	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	205956	25.444	ug/L	99
31) Carbon tetrachloride	8.073	117	194179	26.366	ug/L	99
33) Benzene	8.323	78	526555	26.710	ug/L	100
34) Trichloroethene	9.091	95	135494	25.674	ug/L	96
35) Methylcyclohexane	9.335	83	236358	27.487	ug/L	99
37) 1,2-Dichloropropane	9.372	63	129484	26.518	ug/L	99
38) Bromodichloromethane	9.646	83	175581	26.554	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	195888	27.199	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	147694	60.057	ug/L	99
42) Toluene	10.390	91	571869	27.304	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	182077	28.146	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98102	27.400	ug/L	98
46) Tetrachloroethene	10.859	164	104325	25.576	ug/L	94
48) 2-Hexanone	10.969	43	111581	65.135	ug/L	100
49) Dibromochloromethane	11.127	129	114800	27.440	ug/L	93
50) 1,2-Dibromoethane	11.237	107	88189	26.172	ug/L	95
51) Chlorobenzene	11.658	112	354479	26.022	ug/L	99
52) Ethylbenzene	11.731	91	631749	27.385	ug/L	96
53) m,p-Xylene	11.841	106	242647	27.590	ug/L	97
54) o-Xylene	12.164	106	228618	28.101	ug/L	100
55) Styrene	12.182	104	394574	27.912	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.712	83	119439	27.929	ug/L	99
59) Bromoform	12.347	173	64084	27.269	ug/L	99
60) Isopropylbenzene	12.463	105	631511	27.325	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	88809	27.286	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	527054	27.788	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	525302	28.193	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	276707	26.107	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	282271	25.771	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	252480	26.156	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	20280	27.757	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	191278	26.092	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	153355	27.106	ug/L	92
71) Naphthalene	15.364	128	311048	31.173	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	146736	28.804	ug/L	96

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

Instrument :
MSVOA_W
ClientSampleId :
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Abundance

TIC: VW020207.D\data.ms

Time-->

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, T

Vinyl chloride, S

Bromomethane, T

Chloroethane, S

Trichlorofluoromethane, T

Acetone, T

1,1,1-Trichloroethane, T

Carbon disulfide, T

Methyl acetate, T

Methylene chloride, T

1,1-Dichloroethane, T

2-Butanone, S

2,3-Dichlorobutane, T

Bromochloromethane, T

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,4-Difluorobenzene, T

Trichloroethene, T

1,2-Dichloropropane, S

Methylcyclohexane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, T

trans-1,3-Dichloropropene, T

1,1,2-Trichloroethane, T

2-Hexanone, T

Dibromochloromethane, T

1,2-Dibromodifluoroethane, T

Chloroethane, T

m,p-Xylene, T

Ethylbenzene, T

Styrene, T

Isopropylbenzene

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene, T

1,2,4-Dichlorobenzene, T

1,2,3-Trichlorobenzene, T

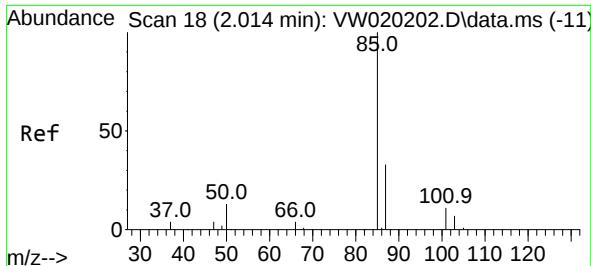
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1,2,4-trichlorobenzene, T

Naphthalene

1,2,3-Trichlorobenzene, T

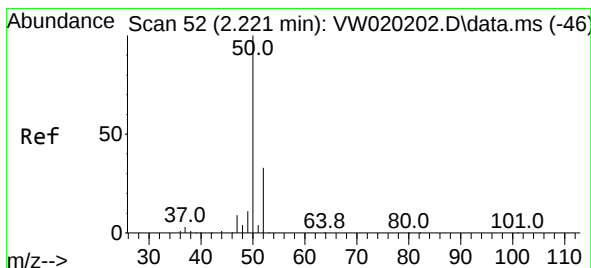
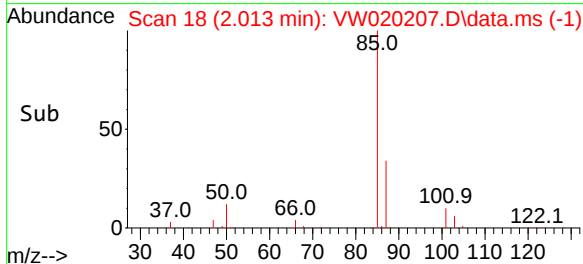
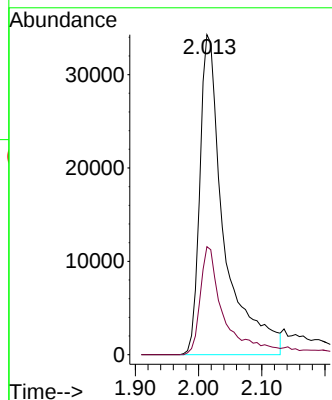
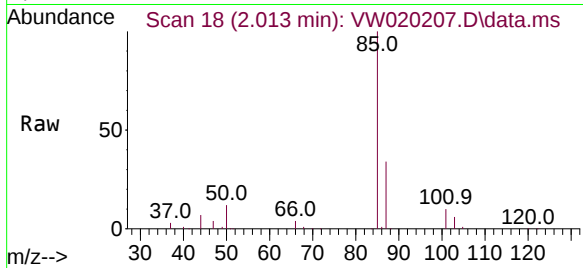
1,2-Dibromo-3-chloropropane, T



#2
 Dichlorodifluoromethane
 Concen: 30.545 ug/L
 RT: 2.013 min Scan# 18
 Delta R.T. -0.000 min
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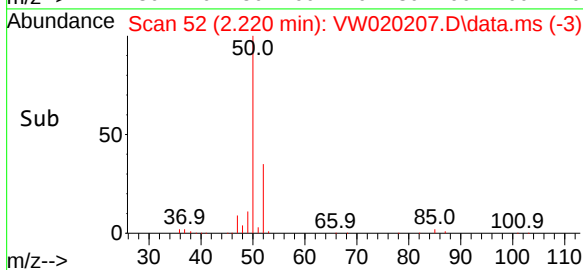
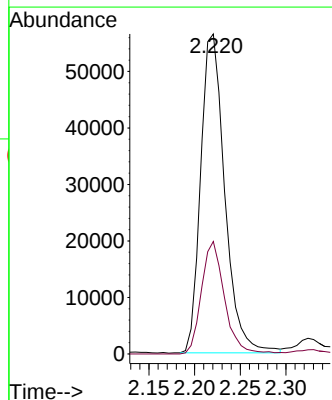
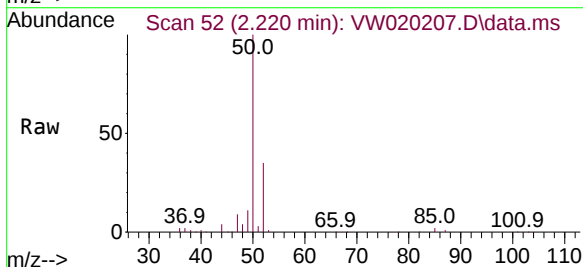
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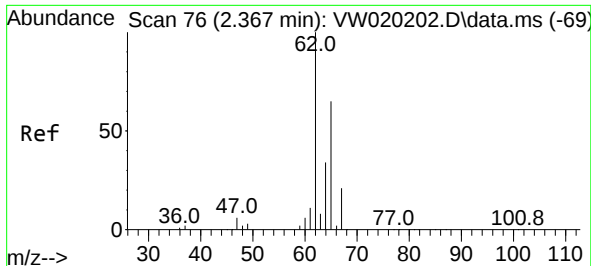
Tgt Ion: 85 Resp: 91737
 Ion Ratio Lower Upper
 85 100
 87 28.2 26.3 39.5



#3
 Chloromethane
 Concen: 24.879 ug/L
 RT: 2.220 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

Tgt Ion: 50 Resp: 103322
 Ion Ratio Lower Upper
 50 100
 52 35.1 22.5 41.9

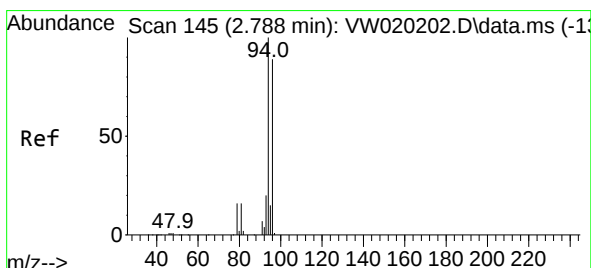
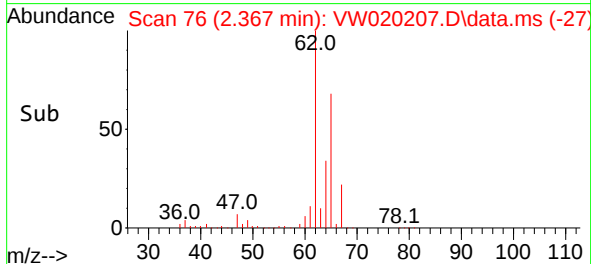
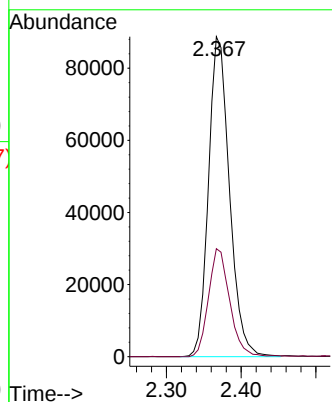
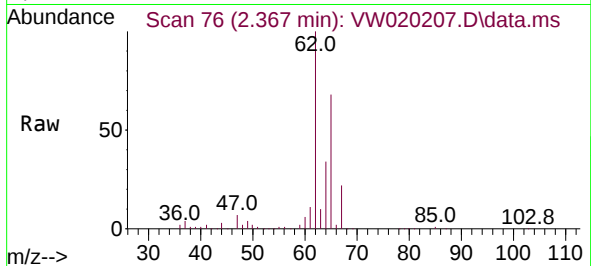




#5
 Vinyl chloride
 Concen: 26.511 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

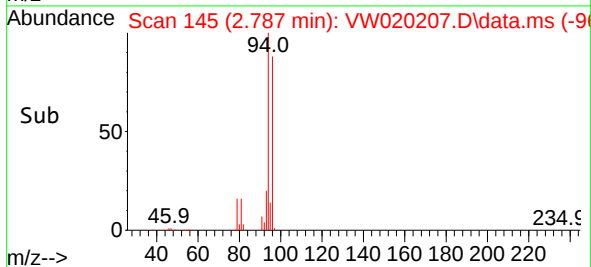
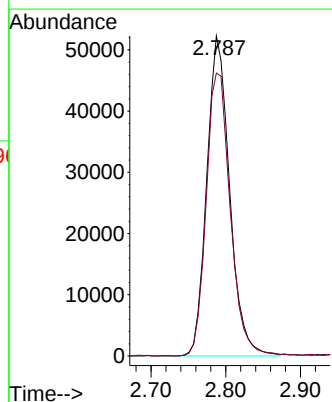
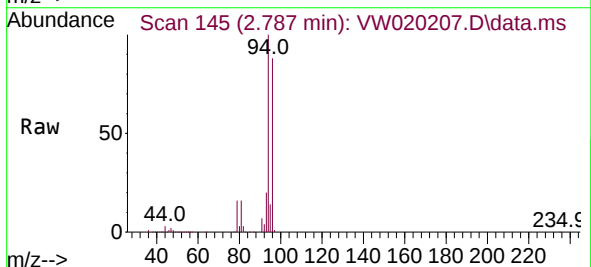
Instrument :
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 ClientSampleId :
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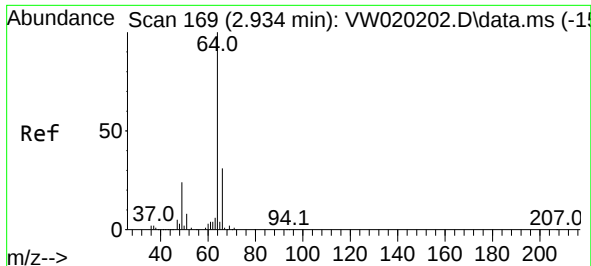
Tgt Ion: 62 Resp: 172882
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.5 45.5



#6
 Bromomethane
 Concen: 26.339 ug/L
 RT: 2.787 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

Tgt Ion: 94 Resp: 111037
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.8 120.3

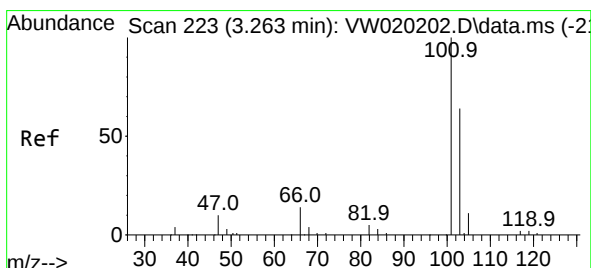
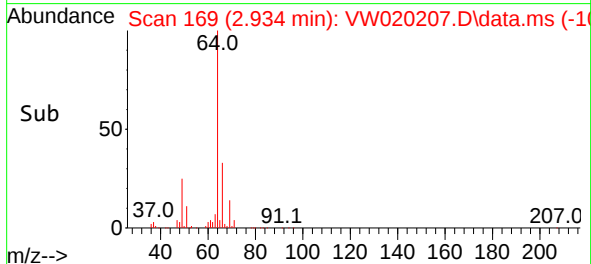
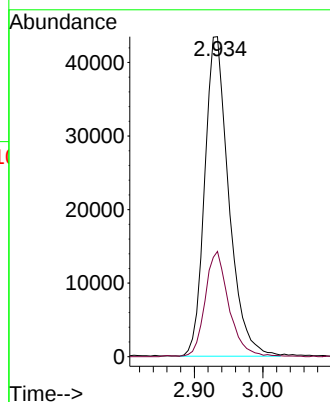
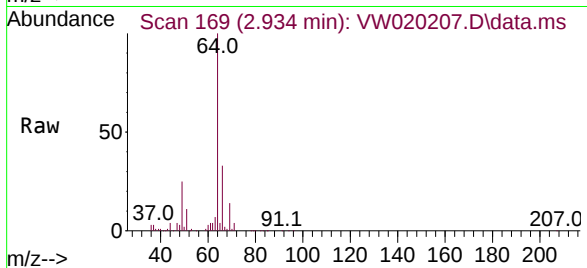




#8
Chloroethane
Concen: 27.002 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

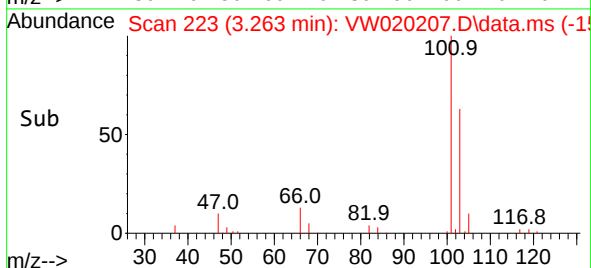
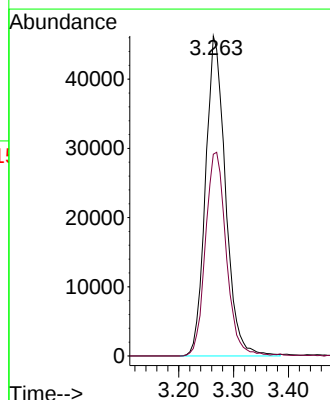
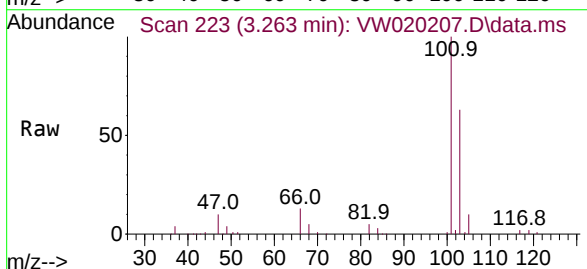
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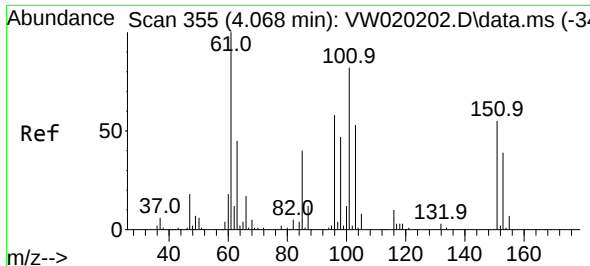
Tgt Ion: 64 Resp: 106482
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 25.464 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 101 Resp: 116830
Ion Ratio Lower Upper
101 100
103 66.1 51.3 76.9

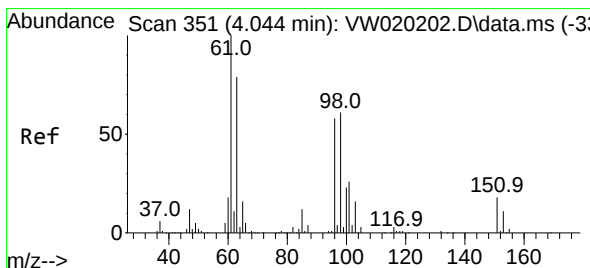
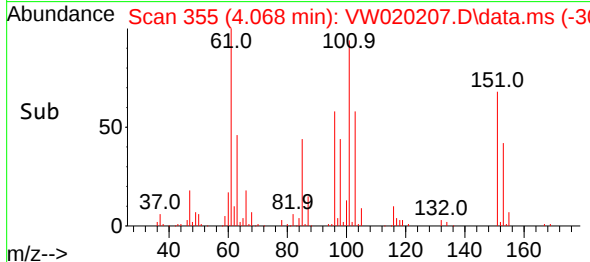
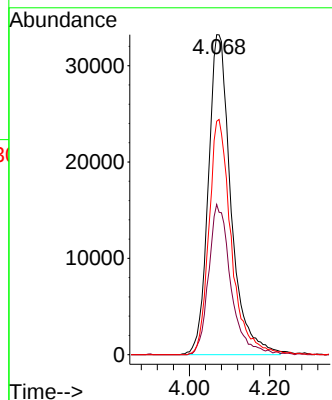
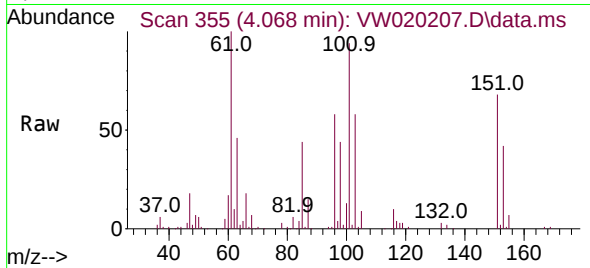




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.010 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

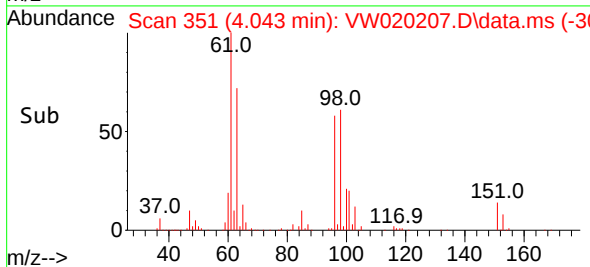
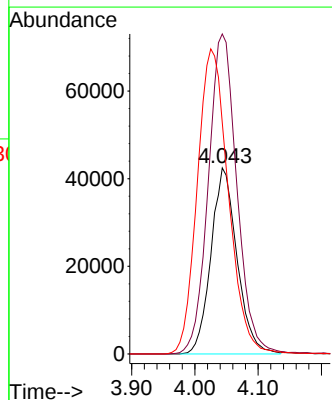
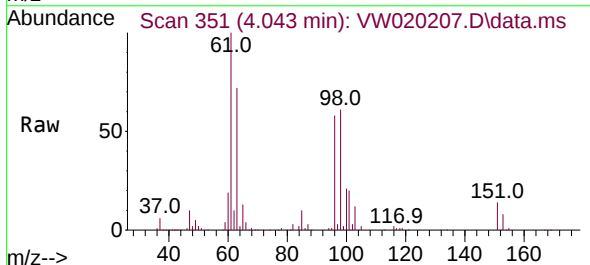
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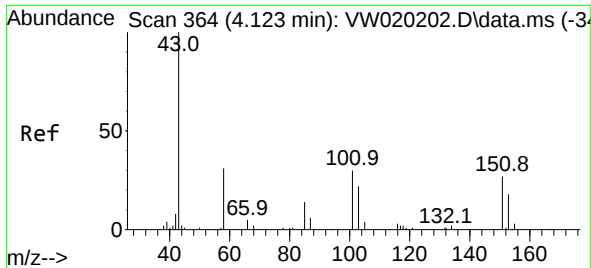
Tgt Ion:101 Resp: 130459
 Ion Ratio Lower Upper
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 85 45.5 35.4 53.0
 151 72.1 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 26.681 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

Tgt Ion: 96 Resp: 121324
 Ion Ratio Lower Upper
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 61 172.0 126.1 234.3
 63 124.3 112.6 209.0

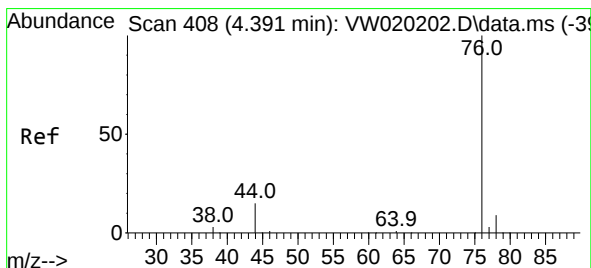
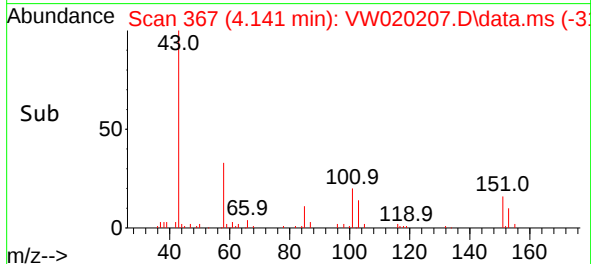
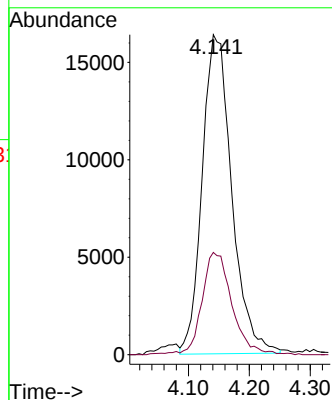
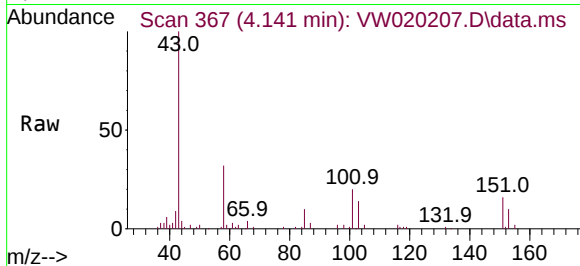




#13
Acetone
Concen: 59.597 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

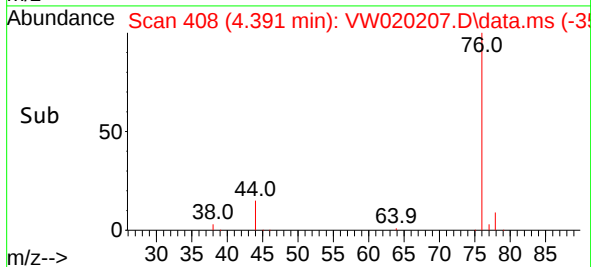
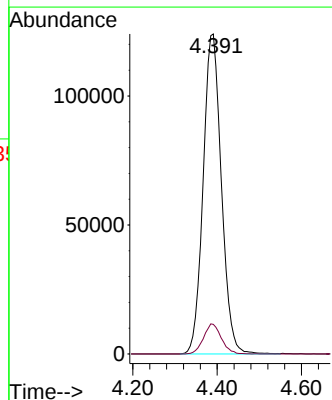
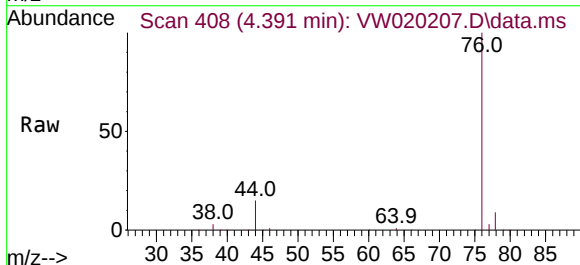
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

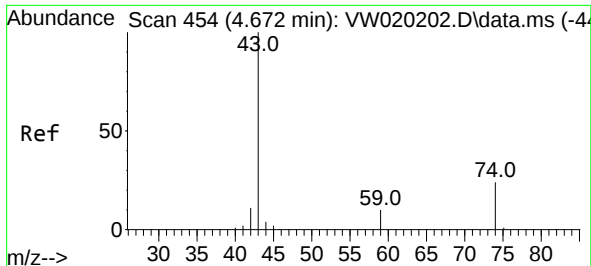
Tgt Ion: 43 Resp: 55252
Ion Ratio Lower Upper
43 100
58 31.1 0.0 61.6



#14
Carbon disulfide
Concen: 26.126 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 76 Resp: 373610
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

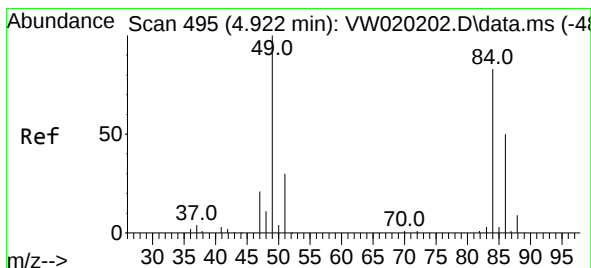
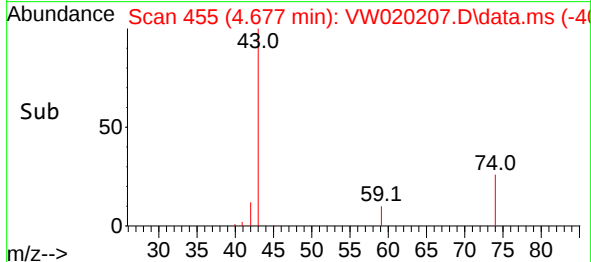
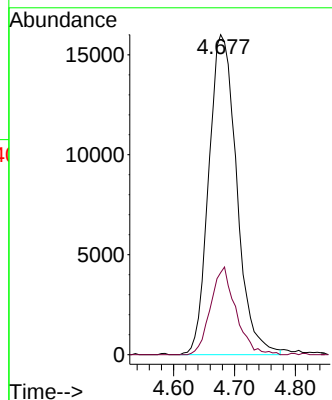
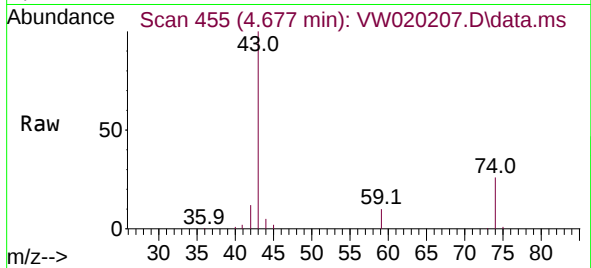




#15
Methyl Acetate
Concen: 28.743 ug/L
RT: 4.677 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

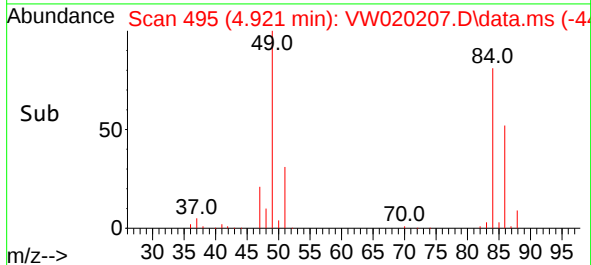
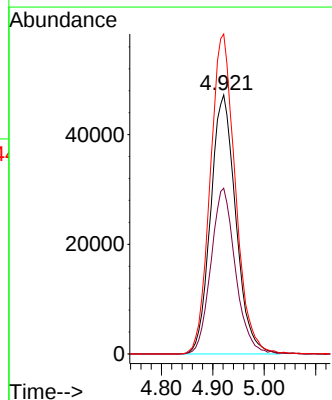
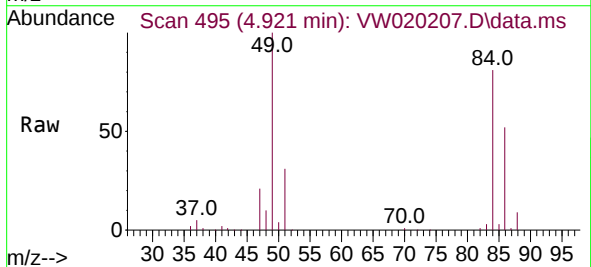
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

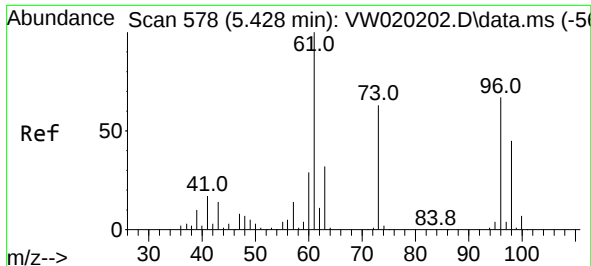
Tgt Ion: 43 Resp: 50957
Ion Ratio Lower Upper
43 100
74 24.5 20.0 30.0



#16
Methylene chloride
Concen: 26.521 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 84 Resp: 160462
Ion Ratio Lower Upper
84 100
86 64.0 42.6 79.0
49 123.5 83.4 154.8

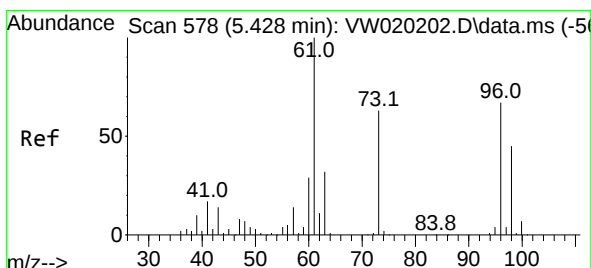
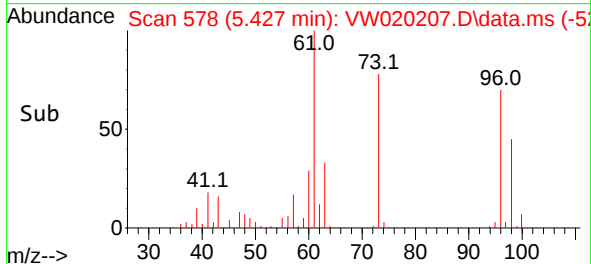
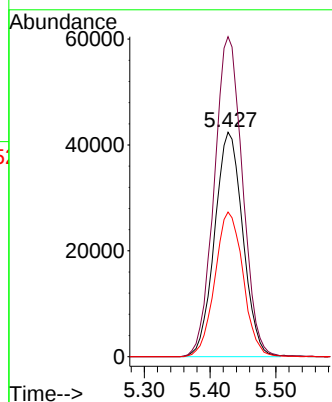
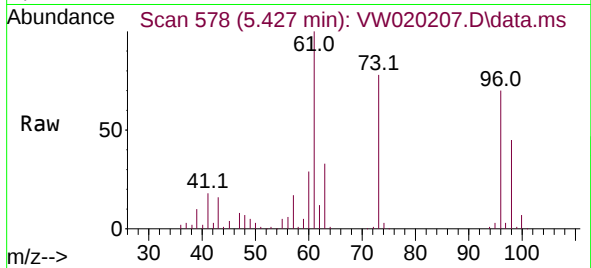




#17
 trans-1,2-Dichloroethene
 Concen: 26.423 ug/L
 RT: 5.427 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

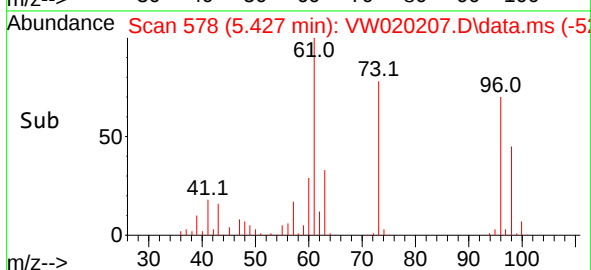
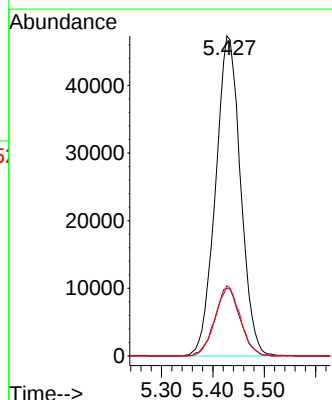
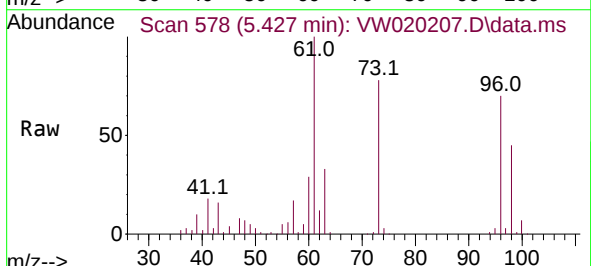
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

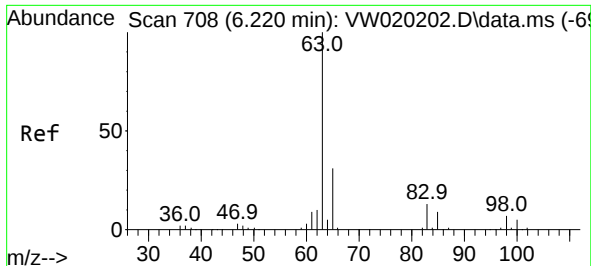
Tgt Ion:	96	Resp:	126581
Ion	Ratio	Lower	Upper
96	100		
61	142.5	98.3	182.5
98	64.4	46.6	86.6



#18
 Methyl tert-butyl Ether
 Concen: 28.096 ug/L
 RT: 5.427 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

Tgt Ion:	73	Resp:	159777
Ion	Ratio	Lower	Upper
73	100		
43	21.7	17.4	26.0
57	21.8	17.4	26.0





#19

1,1-Dichloroethane

Concen: 26.758 ug/L

RT: 6.220 min Scan# 708

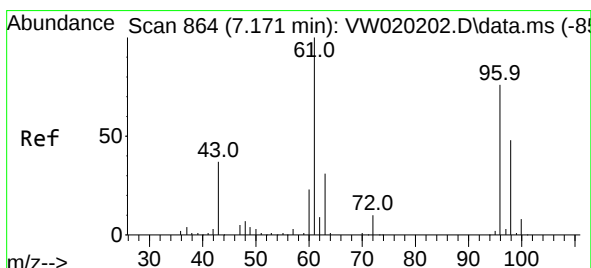
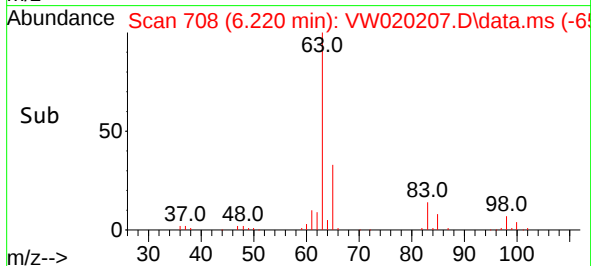
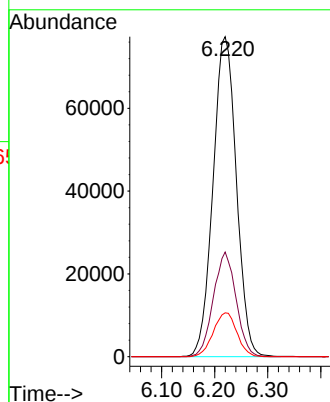
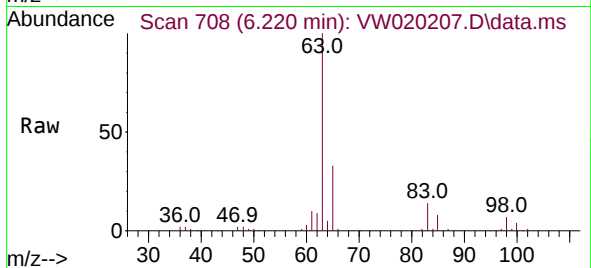
Delta R.T. -0.000 min

Lab File: VW020207.D

Acq: 27 Sep 2021 14:32

Tgt Ion:	63	Resp:	236428
Ion	Ratio	Lower	Upper
63	100		
65	32.7	23.1	42.9
83	13.7	9.4	17.6

Instrument :
MSVOA_W
ClientSampleId :
VSTD025556



#20

cis-1,2-Dichloroethene

Concen: 27.043 ug/L

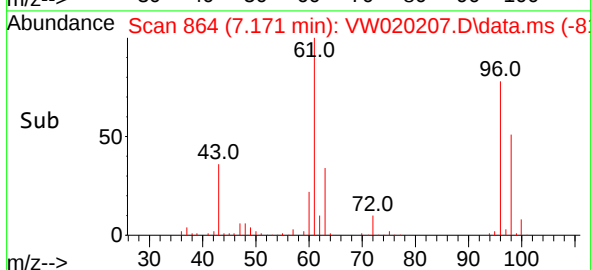
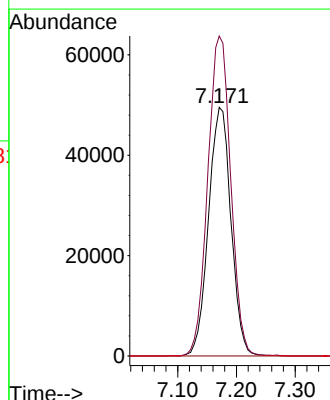
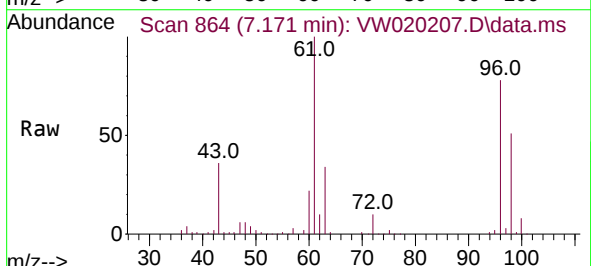
RT: 7.171 min Scan# 864

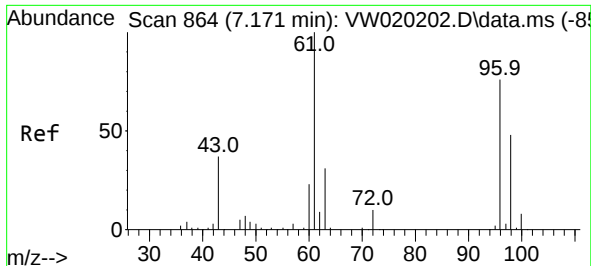
Delta R.T. -0.000 min

Lab File: VW020207.D

Acq: 27 Sep 2021 14:32

Tgt Ion:	96	Resp:	131752
Ion	Ratio	Lower	Upper
96	100		
61	128.7	89.9	167.0
68	0.0	0.0	0.0

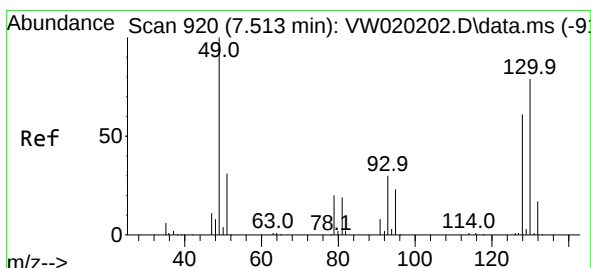
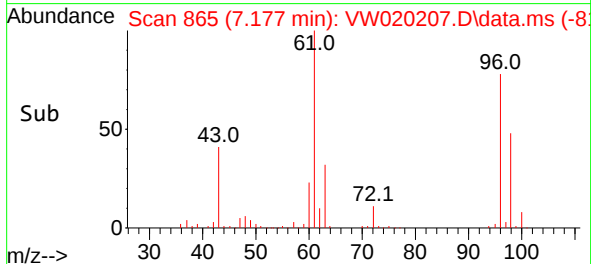
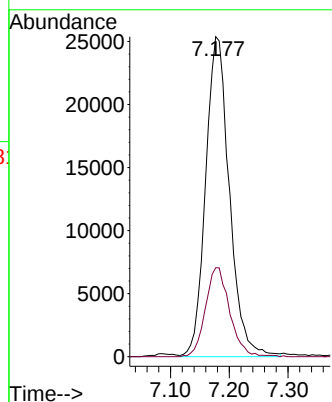
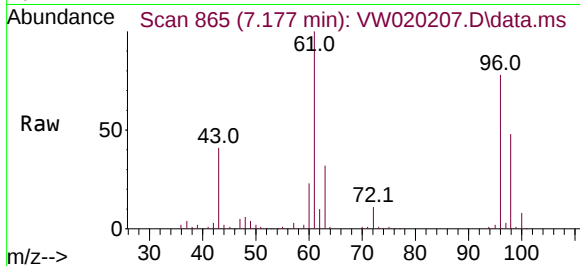




#22
2-Butanone
Concen: 59.335 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

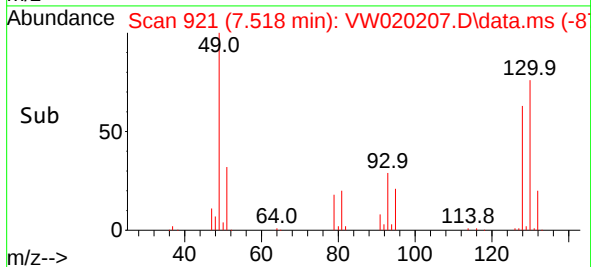
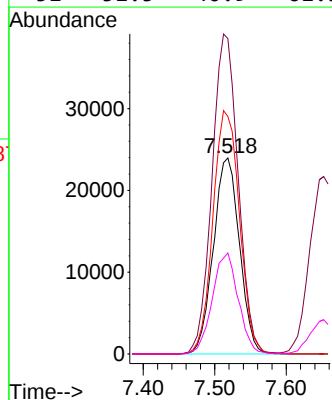
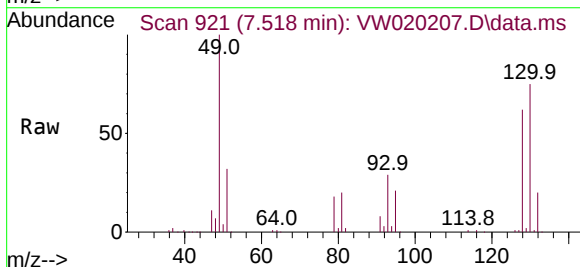
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

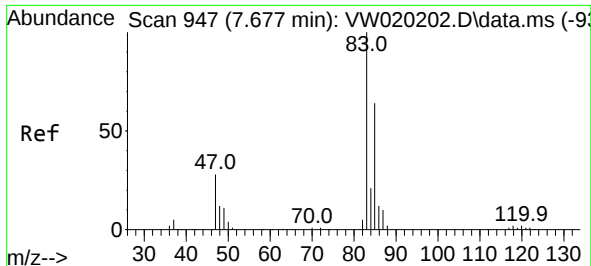
Tgt Ion: 43 Resp: 71367
Ion Ratio Lower Upper
43 100
72 28.1 14.1 42.2



#23
Bromochloromethane
Concen: 27.520 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 128 Resp: 60778
Ion Ratio Lower Upper
128 100
49 160.8 114.7 213.1
130 121.1 94.2 175.0
51 51.5 40.9 61.3

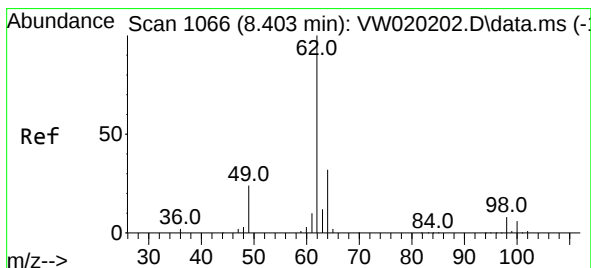
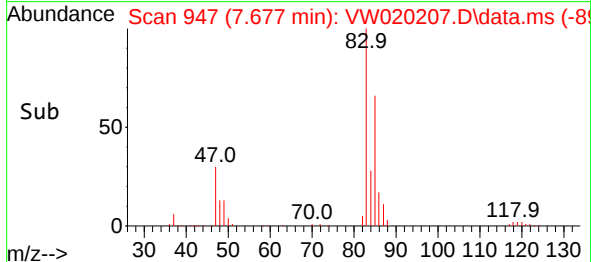
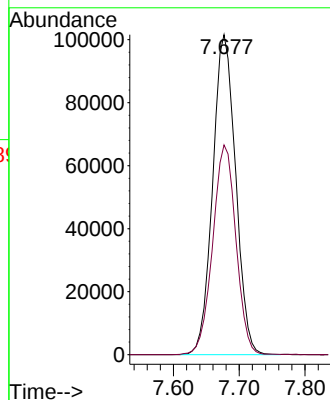
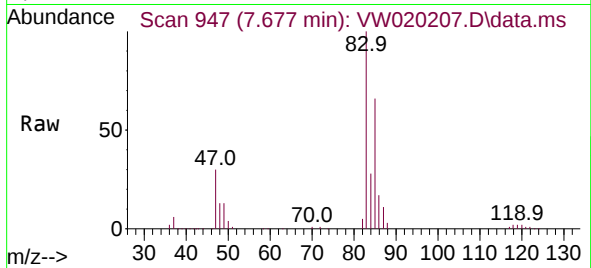




#25
Chloroform
Concen: 26.662 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

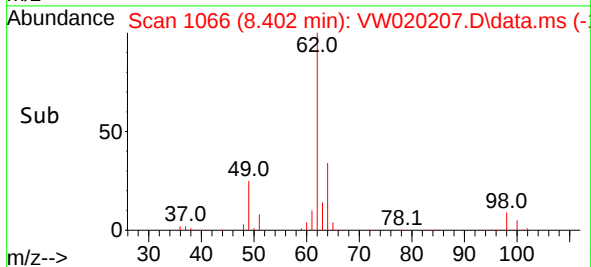
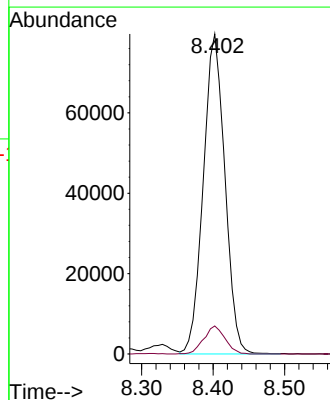
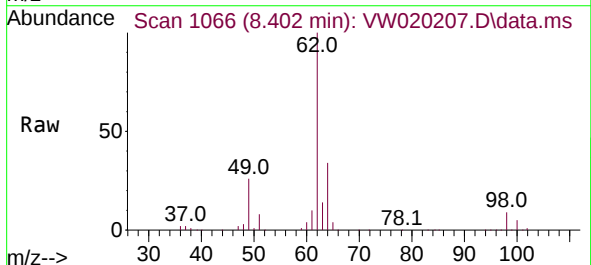
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

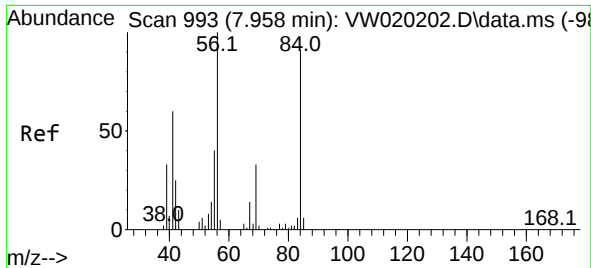
Tgt Ion: 83 Resp: 246347
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.8



#27
1,2-Dichloroethane
Concen: 27.493 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

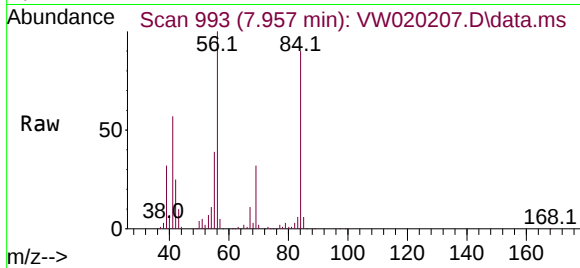
Tgt Ion: 62 Resp: 167173
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3



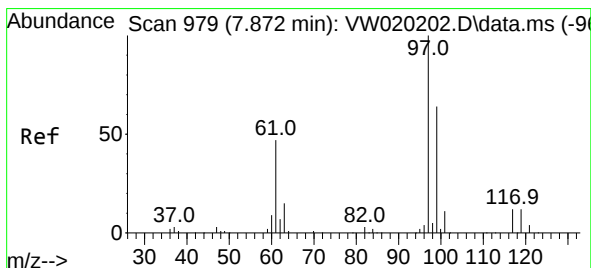
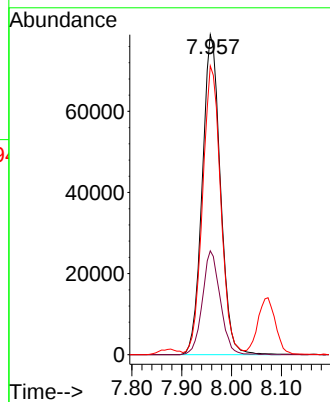
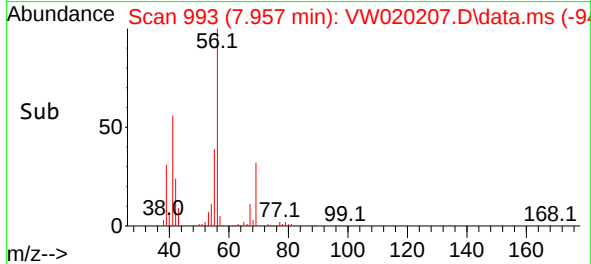


#29
Cyclohexane
Concen: 27.482 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

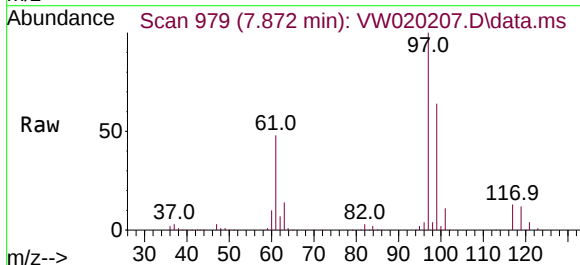
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556



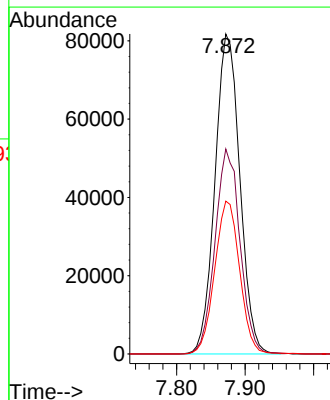
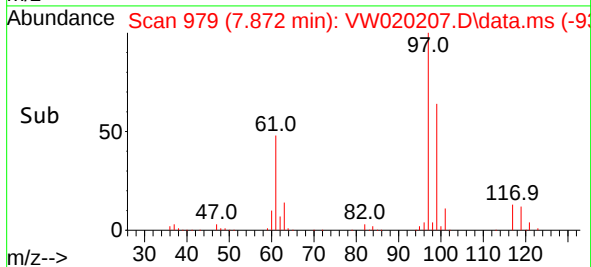
Tgt Ion: 56 Resp: 199753
Ion Ratio Lower Upper
56 100
69 31.7 25.7 38.5
84 90.3 73.4 110.2

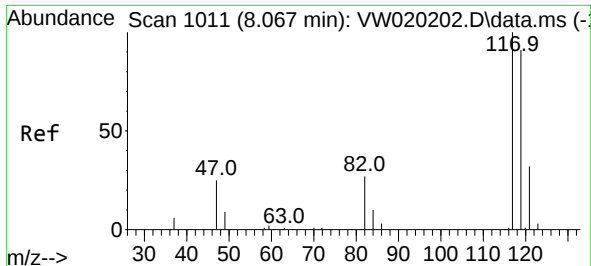


#30
1,1,1-Trichloroethane
Concen: 25.444 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32



Tgt Ion: 97 Resp: 205956
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 47.9 37.5 56.3

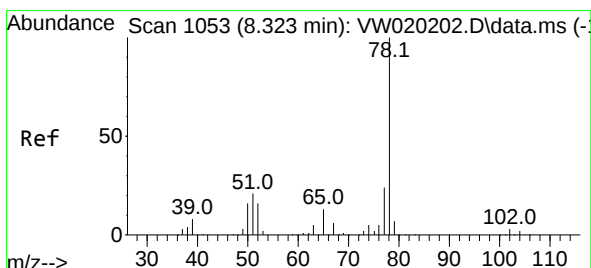
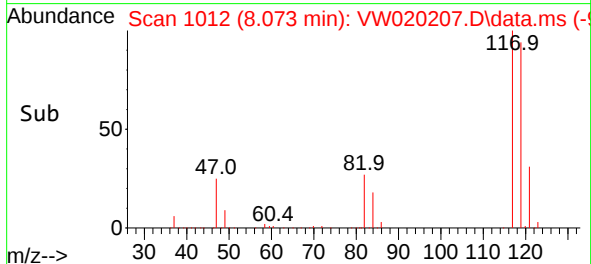
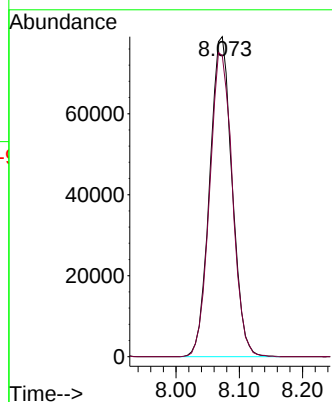
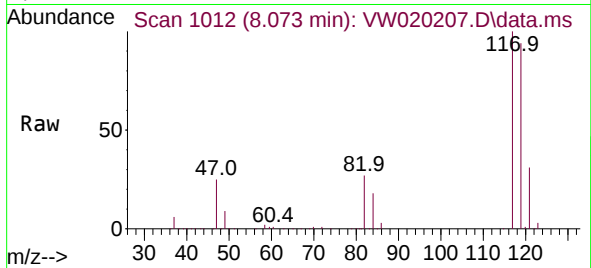




#31
Carbon tetrachloride
Concen: 26.366 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

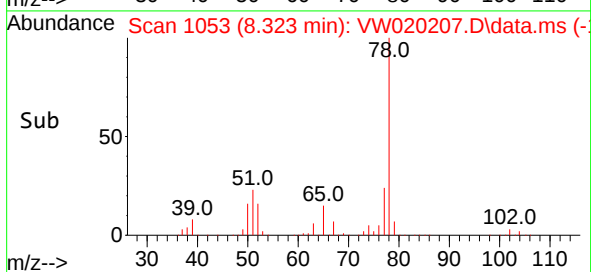
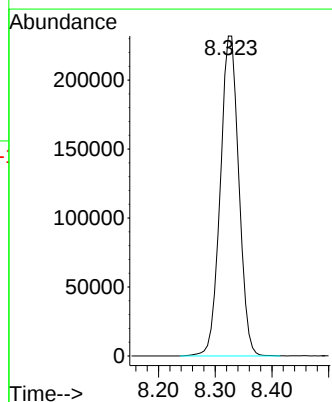
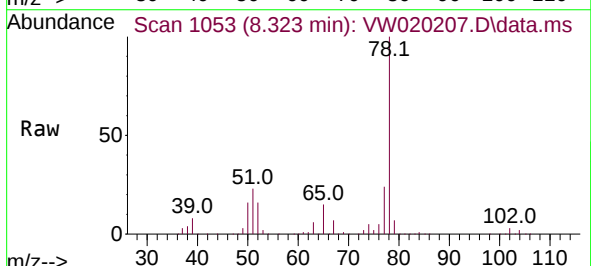
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

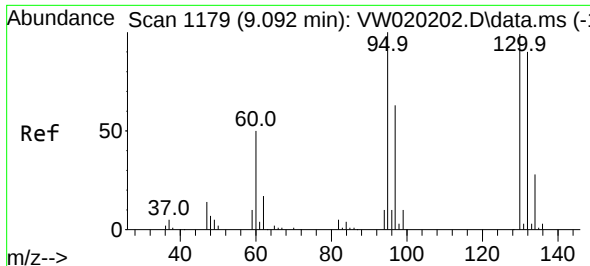
Tgt Ion:117 Resp: 194179
Ion Ratio Lower Upper
117 100
119 96.3 76.4 114.6



#33
Benzene
Concen: 26.710 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 78 Resp: 526555





#34

Trichloroethene

Concen: 25.674 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020207.D

Acq: 27 Sep 2021 14:32

Tgt Ion: 95 Resp: 135494

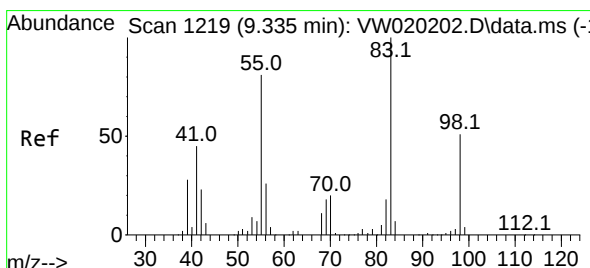
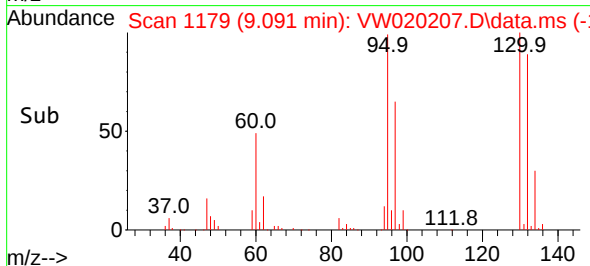
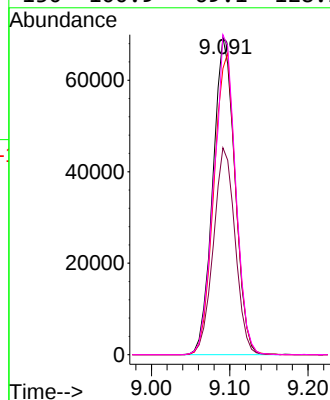
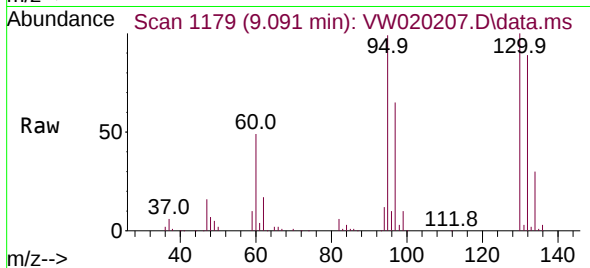
Ion Ratio Lower Upper

95 100

97 65.2 45.1 83.7

132 90.2 67.9 126.1

130 100.9 69.1 128.3



#35

Methylcyclohexane

Concen: 27.487 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020207.D

Acq: 27 Sep 2021 14:32

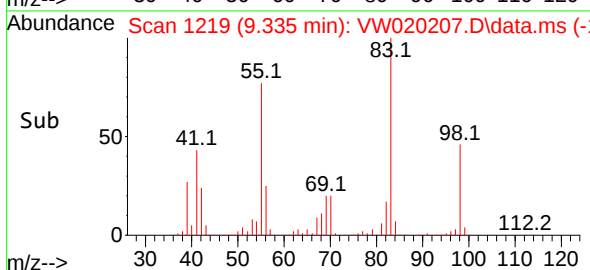
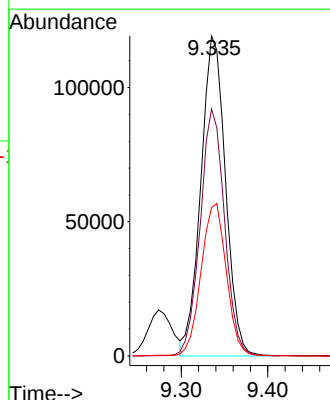
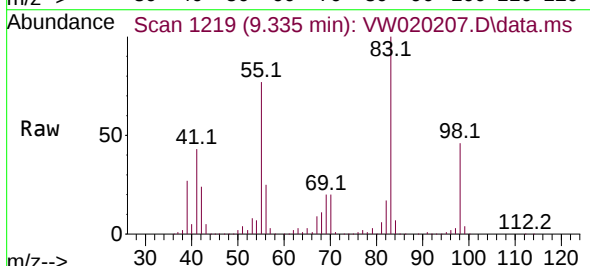
Tgt Ion: 83 Resp: 236358

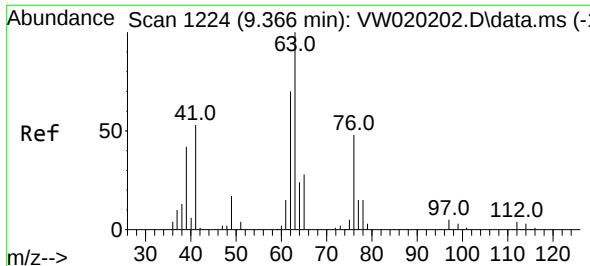
Ion Ratio Lower Upper

83 100

55 76.4 61.4 92.2

98 48.7 38.1 57.1

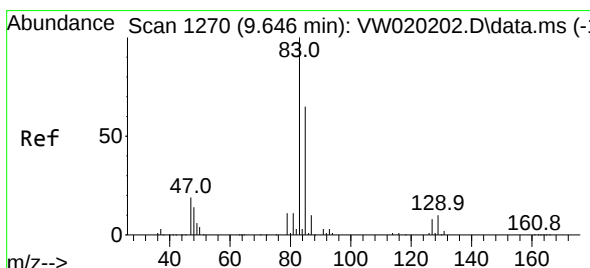
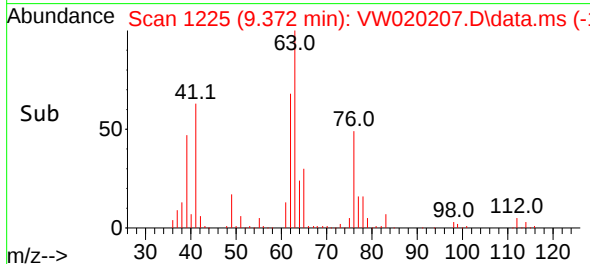
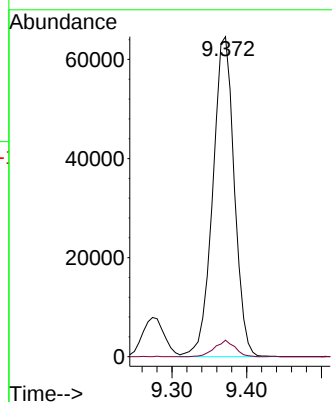
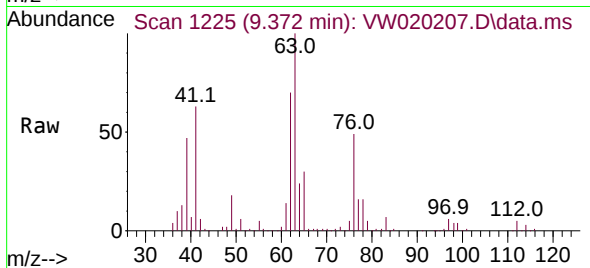




#37
1,2-Dichloropropane
Concen: 26.518 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

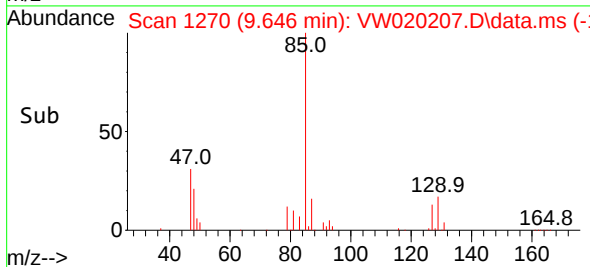
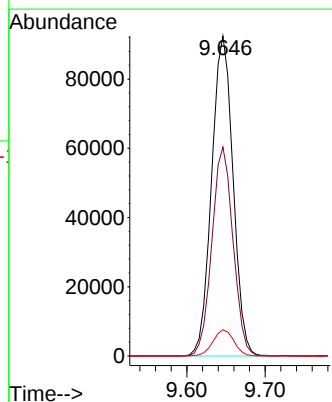
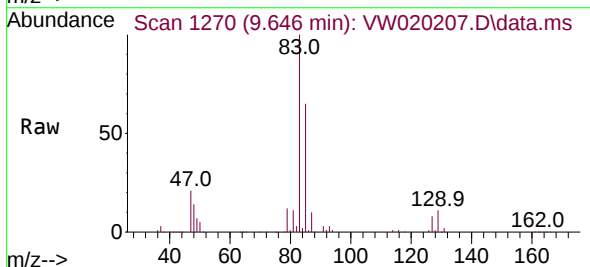
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

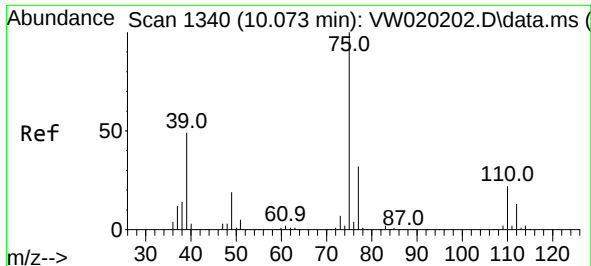
Tgt Ion: 63 Resp: 129484
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 26.554 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 83 Resp: 175581
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.5
127 8.2 6.5 9.7

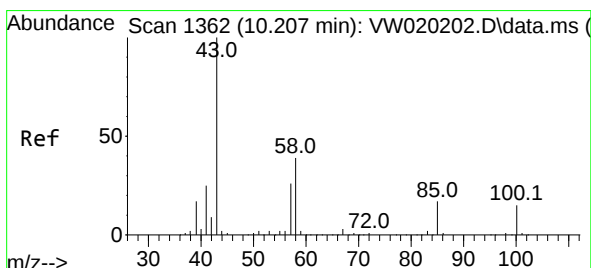
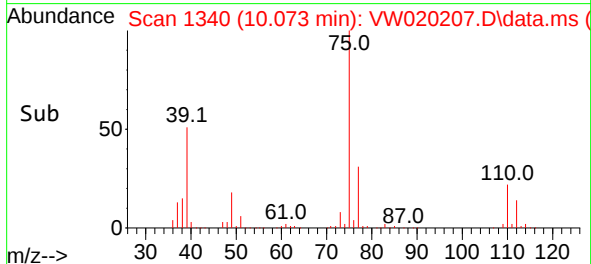
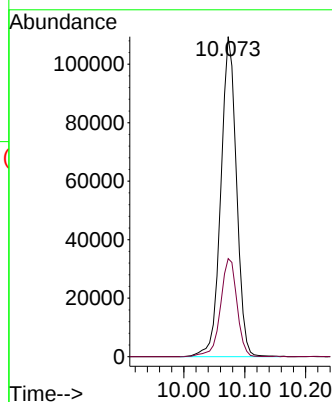
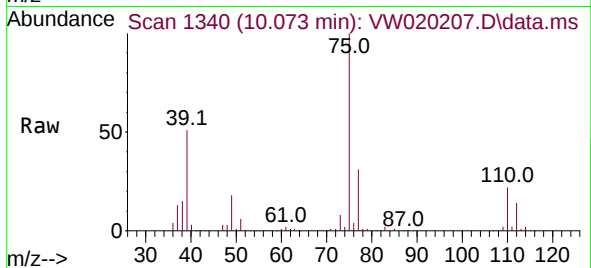




#39
 cis-1,3-Dichloropropene
 Concen: 27.199 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

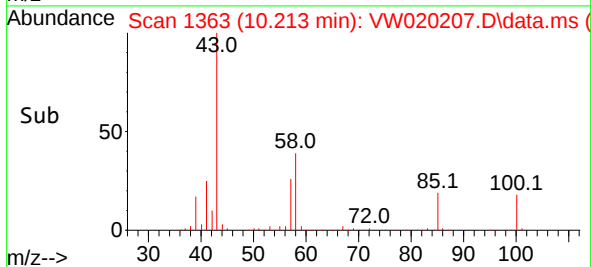
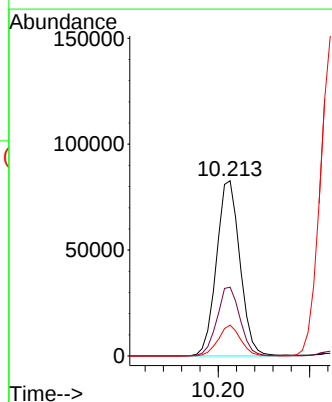
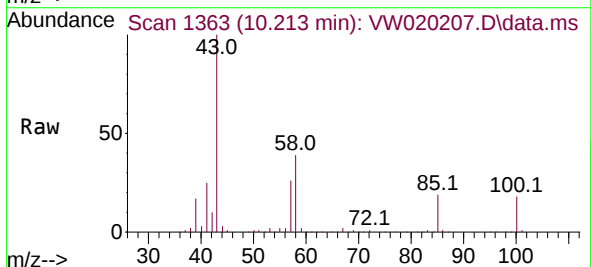
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556

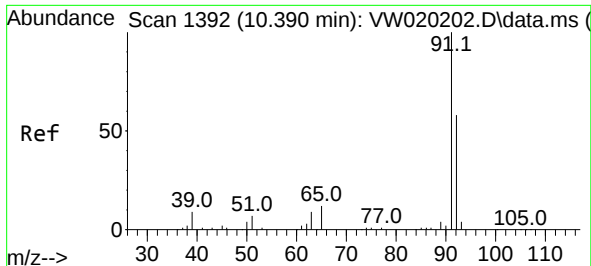
Tgt Ion: 75 Resp: 195888
 Ion Ratio Lower Upper
 75 100
 77 30.7 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 60.057 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.006 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

Tgt Ion: 43 Resp: 147694
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.3 46.9
 100 16.9 13.3 19.9

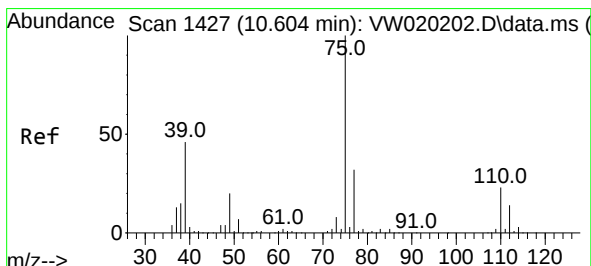
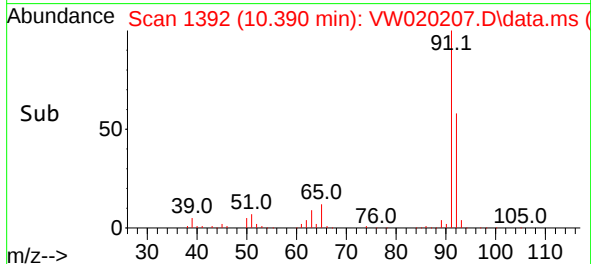
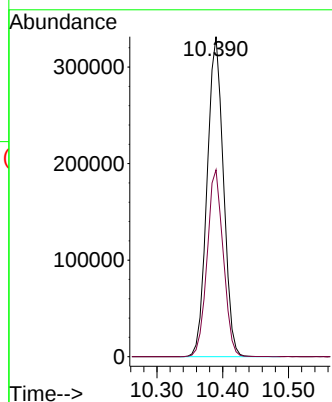
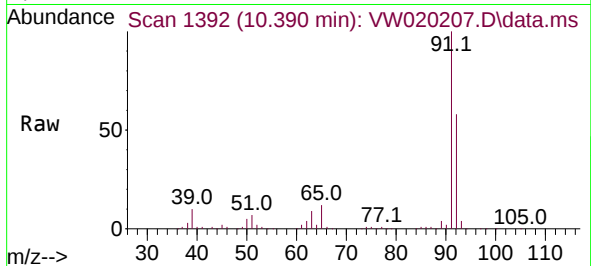




#42
Toluene
Concen: 27.304 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

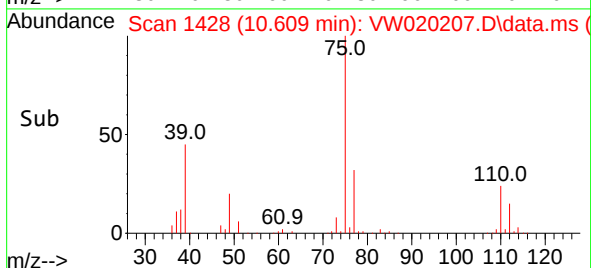
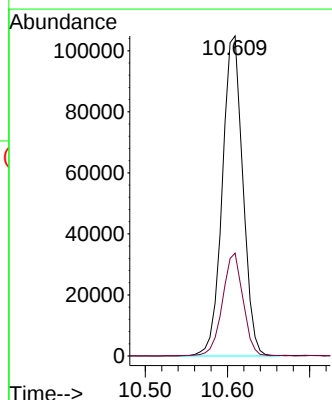
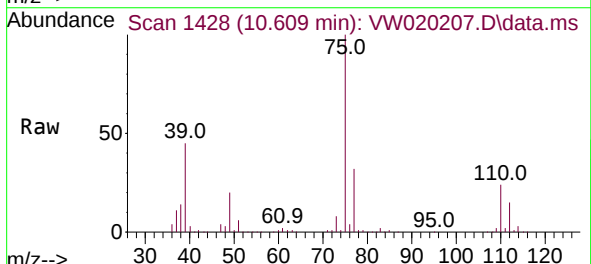
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

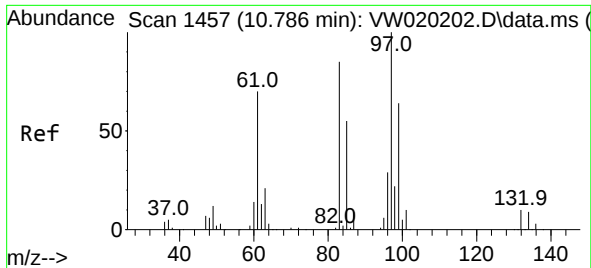
Tgt Ion: 91 Resp: 571869
Ion Ratio Lower Upper
91 100
92 58.4 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 28.146 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 75 Resp: 182077
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8

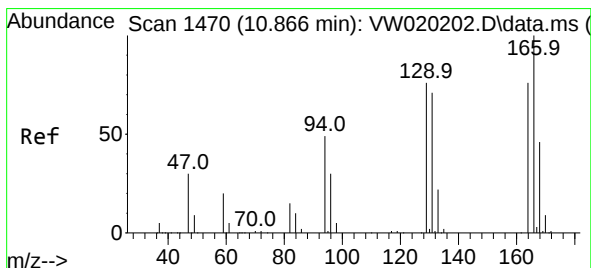
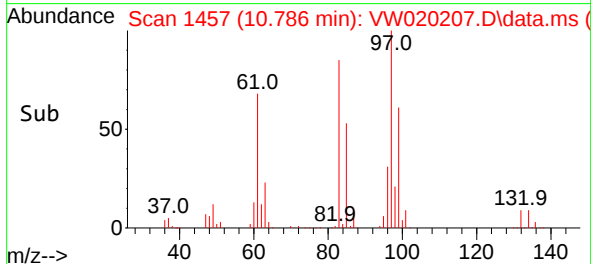
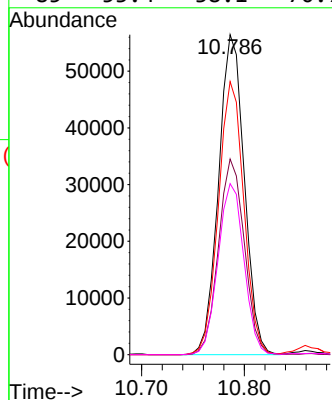
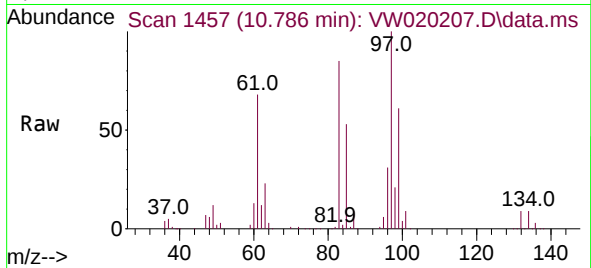




#45
1,1,2-Trichloroethane
Concen: 27.400 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

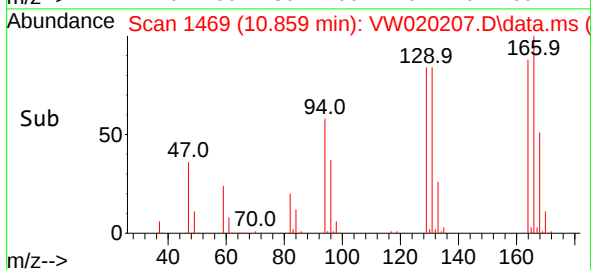
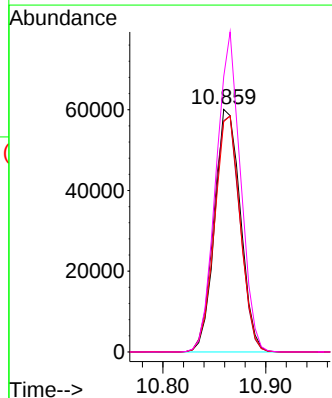
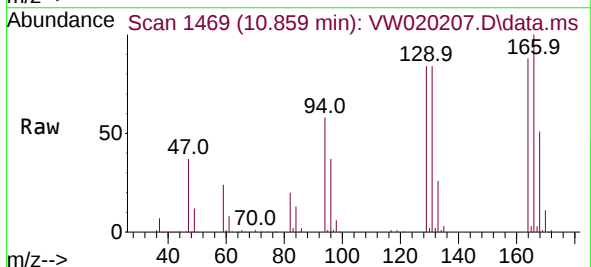
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

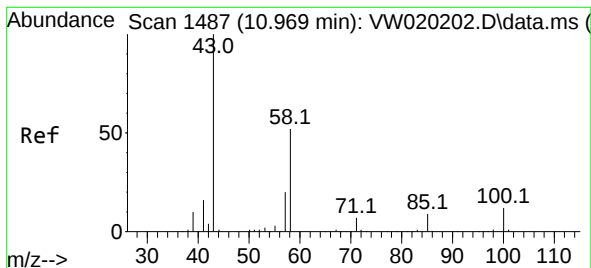
Tgt Ion:	97	Resp:	98102
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.0	78.0
83	85.3	58.7	108.9
85	53.4	38.1	70.7



#46
Tetrachloroethene
Concen: 25.576 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.007 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion:	164	Resp:	104325
Ion	Ratio	Lower	Upper
164	100		
129	95.3	69.5	129.1
131	95.0	66.5	123.5
166	113.5	89.1	165.5

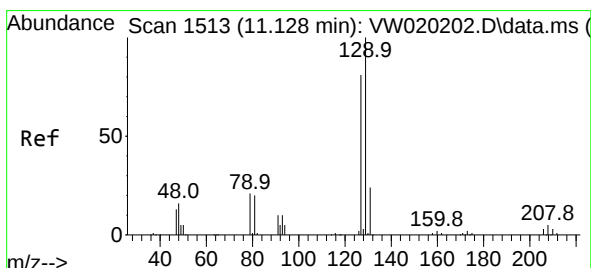
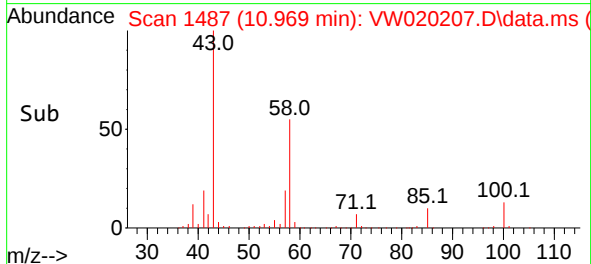
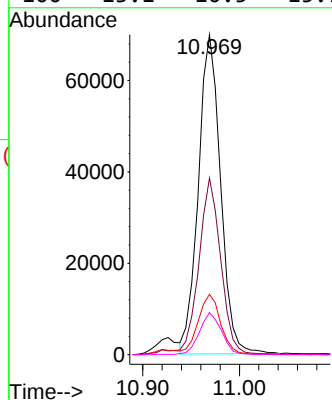
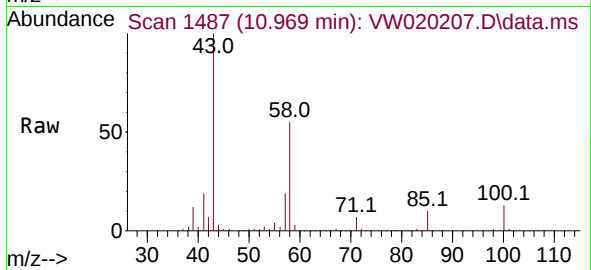




#48
2-Hexanone
Concen: 65.135 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

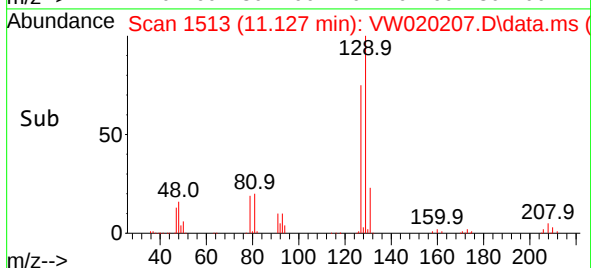
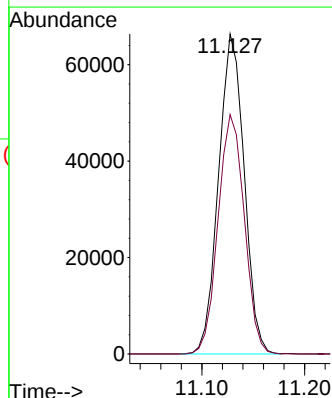
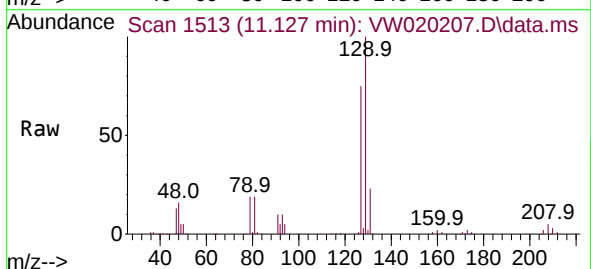
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

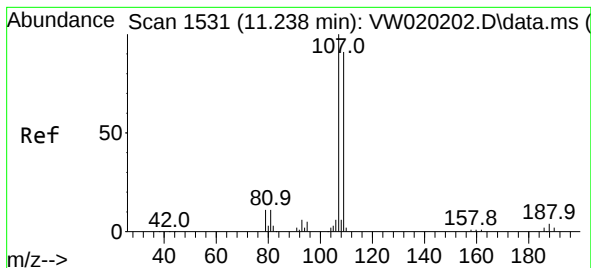
Tgt Ion:	43	Resp:	111581
Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.8	65.6
57	19.3	15.6	23.4
100	13.1	10.5	15.7



#49
Dibromochloromethane
Concen: 27.440 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion:	129	Resp:	114800
Ion	Ratio	Lower	Upper
129	100		
127	74.8	57.0	105.8

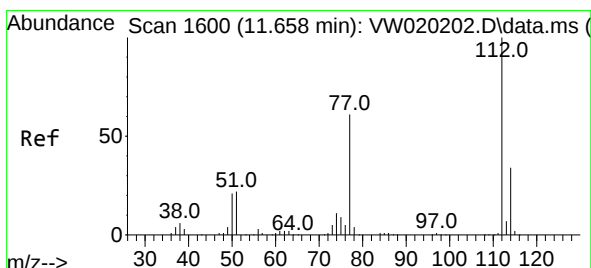
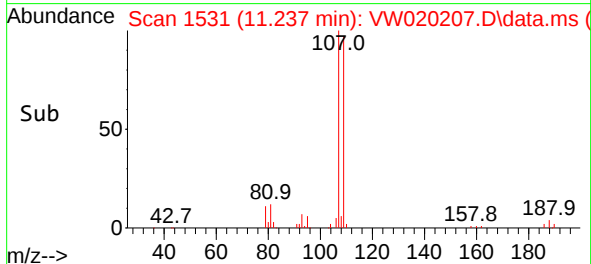
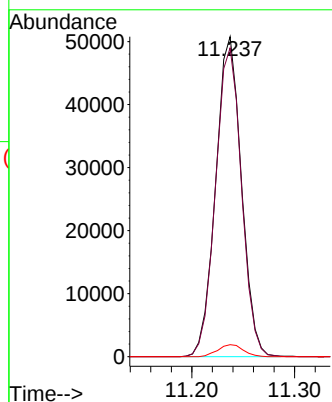
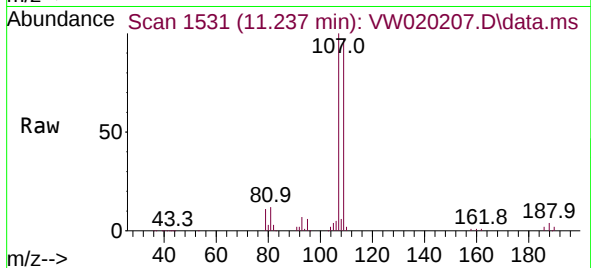




#50
1,2-Dibromoethane
Concen: 26.172 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

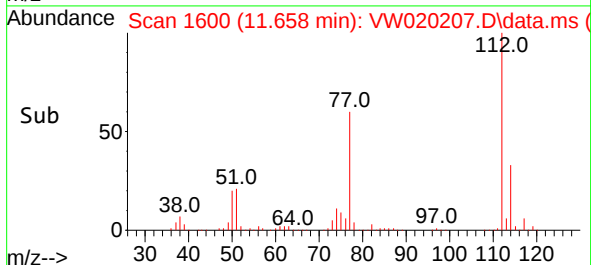
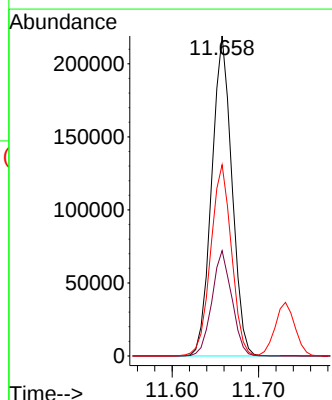
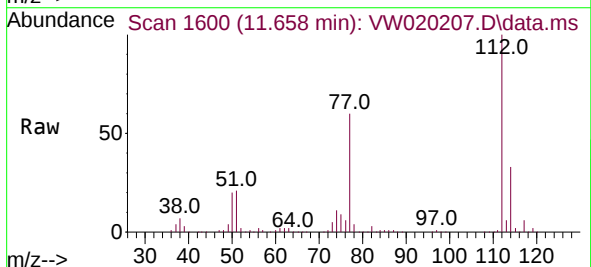
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

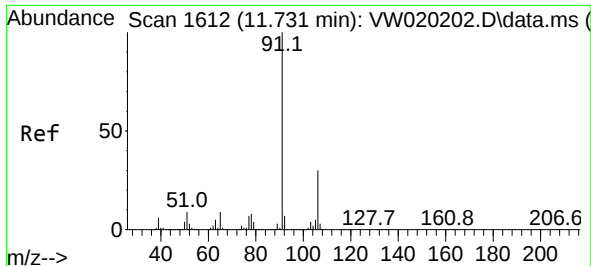
Tgt Ion:107 Resp: 88189
Ion Ratio Lower Upper
107 100
109 96.5 64.1 119.1
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 26.022 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion:112 Resp: 354479
Ion Ratio Lower Upper
112 100
114 32.9 21.9 40.7
77 59.8 48.0 72.0

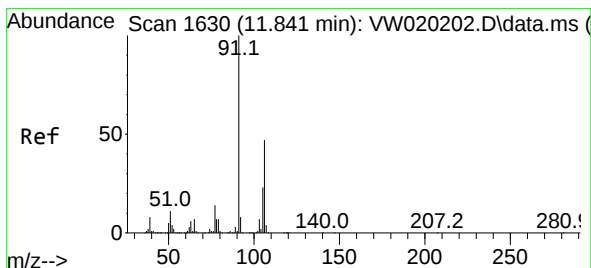
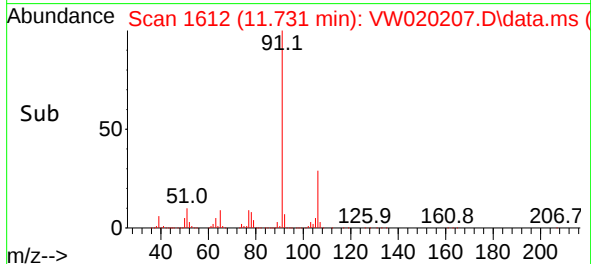
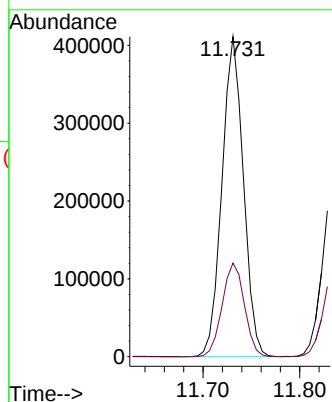
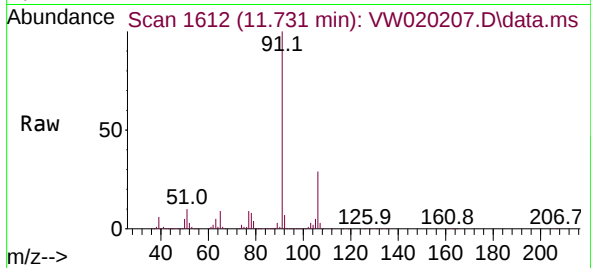




#52
Ethylbenzene
Concen: 27.385 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

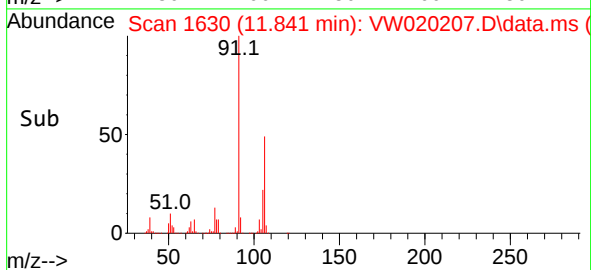
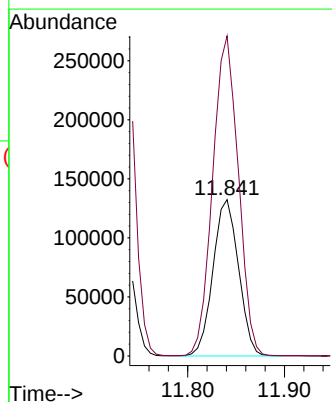
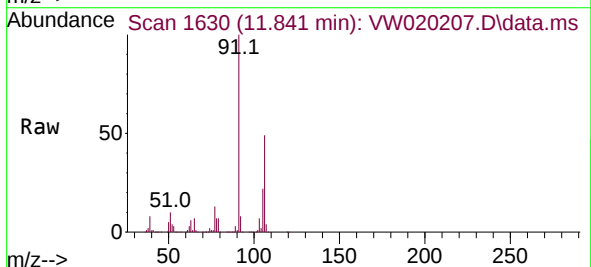
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

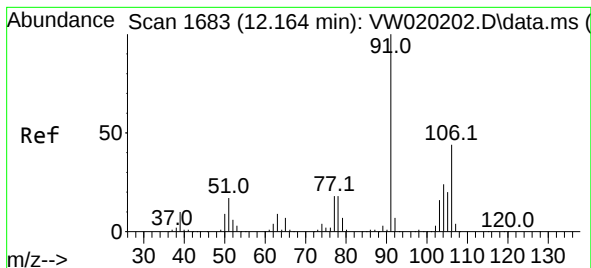
Tgt Ion: 91 Resp: 631749
Ion Ratio Lower Upper
91 100
106 29.2 22.0 40.8



#53
m,p-Xylene
Concen: 27.590 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 106 Resp: 242647
Ion Ratio Lower Upper
106 100
91 204.8 146.4 271.8

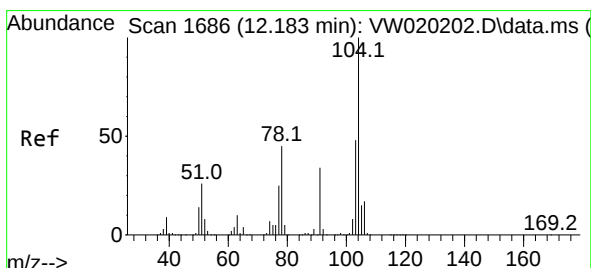
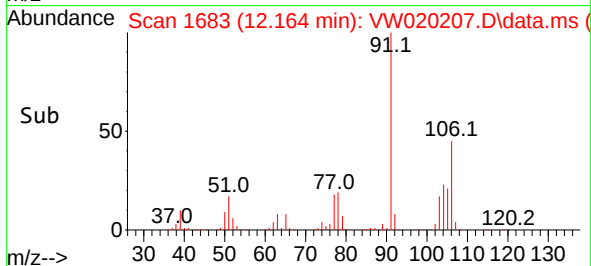
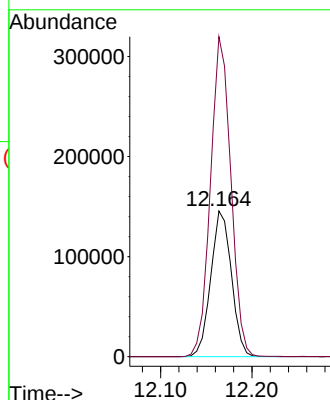
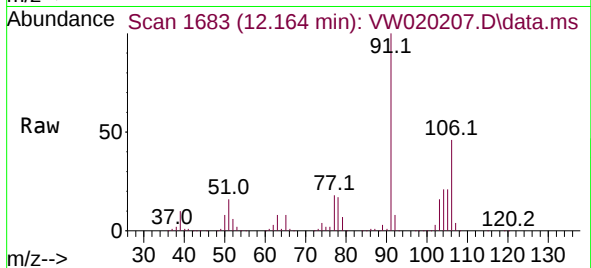




#54
o-Xylene
Concen: 28.101 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

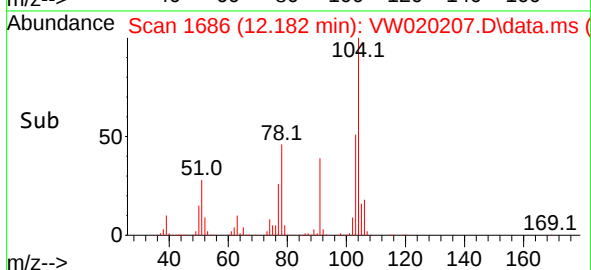
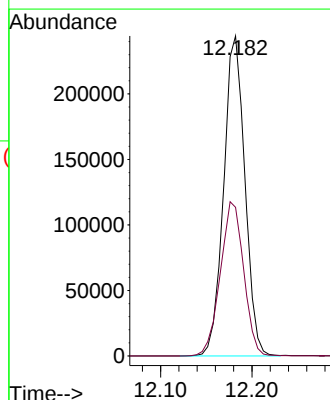
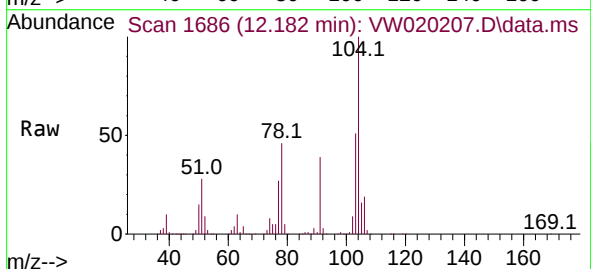
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

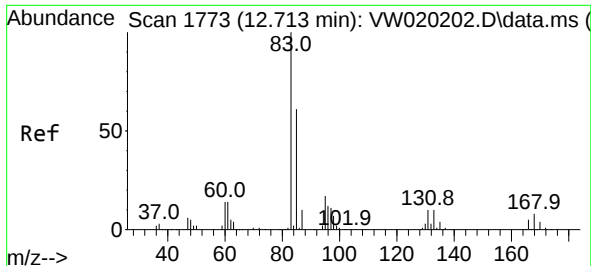
Tgt Ion:106 Resp: 228618
Ion Ratio Lower Upper
106 100
91 219.7 154.3 286.7



#55
Styrene
Concen: 27.912 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion:104 Resp: 394574
Ion Ratio Lower Upper
104 100
78 46.4 32.7 60.7

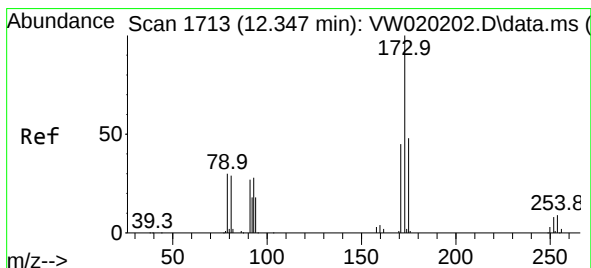
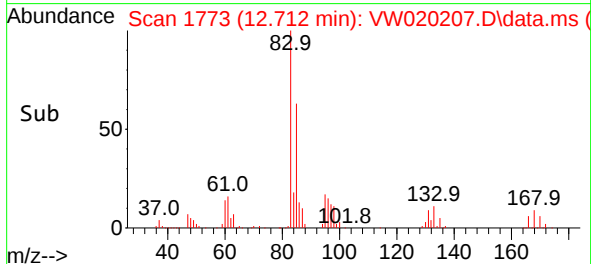
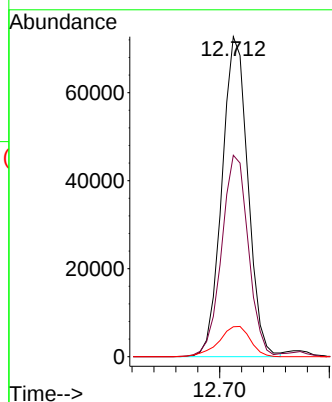
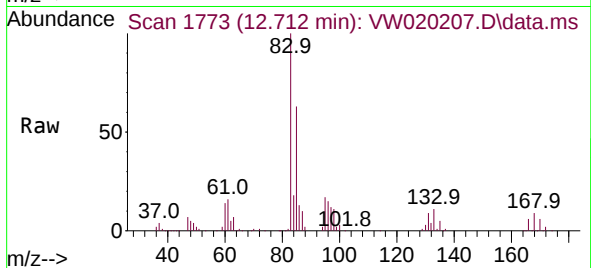




#57
1,1,2,2-Tetrachloroethane
Concen: 27.929 ug/L
RT: 12.712 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

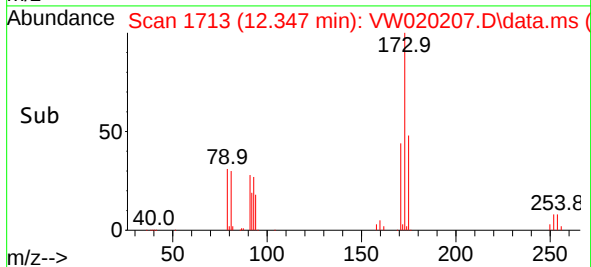
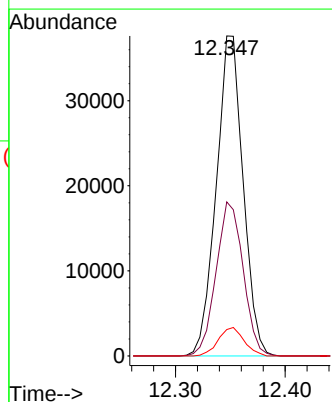
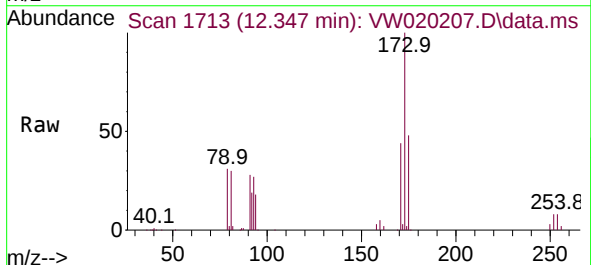
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

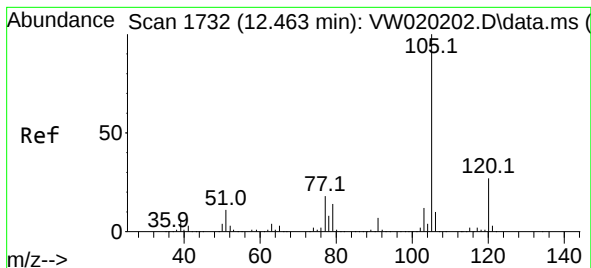
Tgt Ion: 83 Resp: 119439
Ion Ratio Lower Upper
83 100
85 63.0 43.3 80.5
131 9.4 7.9 11.9



#59
Bromoform
Concen: 27.269 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 173 Resp: 64084
Ion Ratio Lower Upper
173 100
175 48.5 39.2 58.8
254 8.6 6.6 10.0

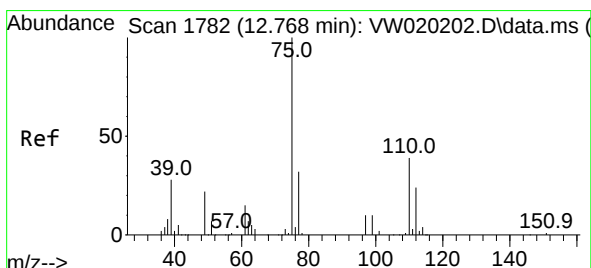
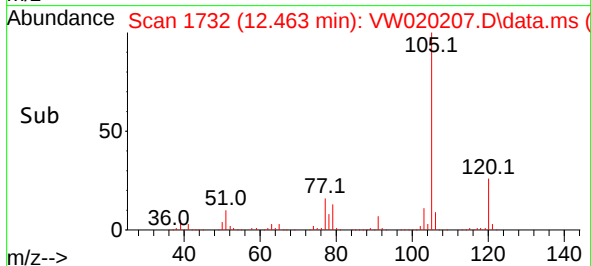
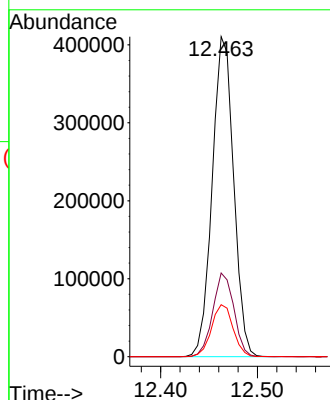
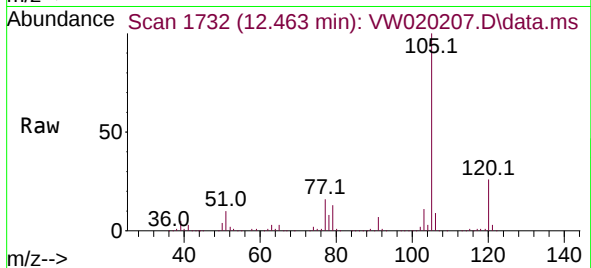




#60
Isopropylbenzene
Concen: 27.325 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

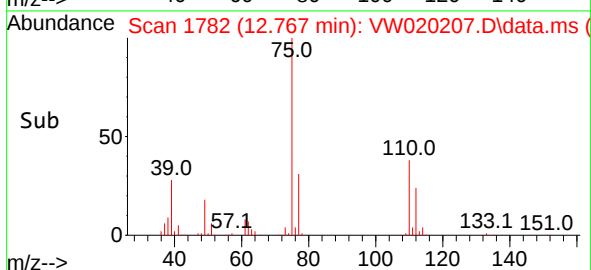
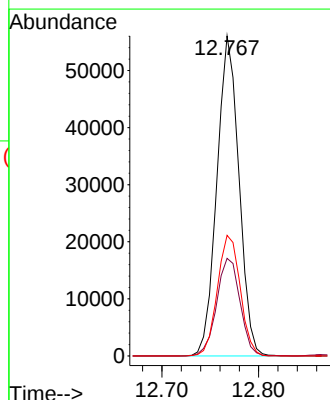
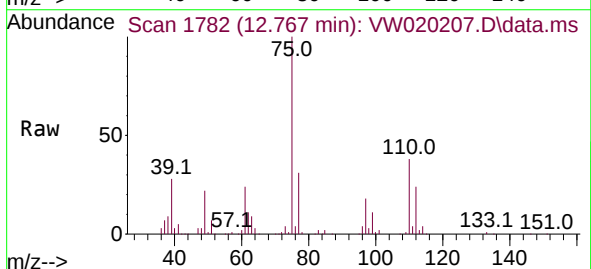
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

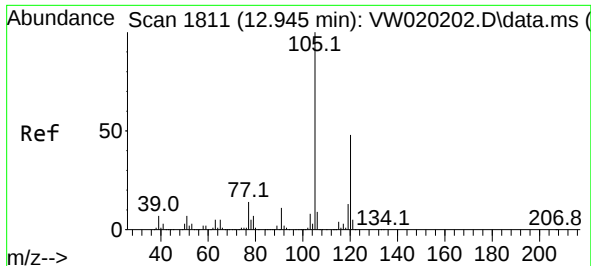
Tgt Ion:105 Resp: 631511
Ion Ratio Lower Upper
105 100
120 25.7 20.9 31.3
77 16.4 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 27.286 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion: 75 Resp: 88809
Ion Ratio Lower Upper
75 100
77 32.3 26.3 39.5
110 39.0 30.2 45.2

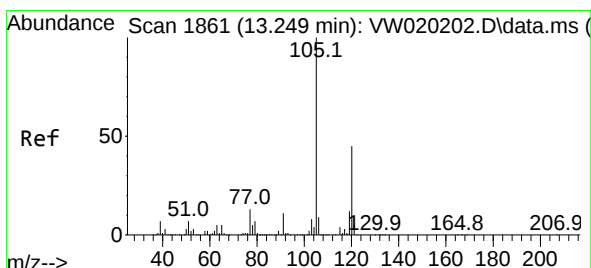
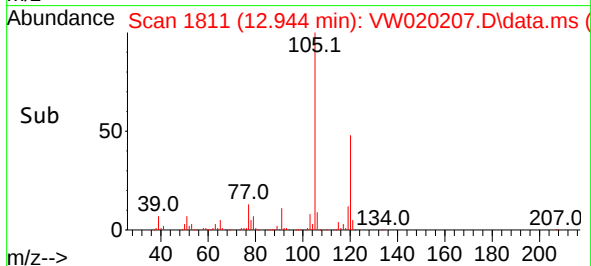
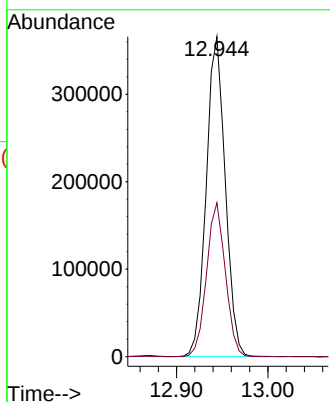
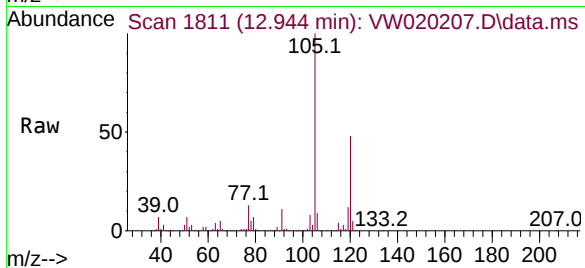




#62
1,3,5-Trimethylbenzene
Concen: 27.788 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

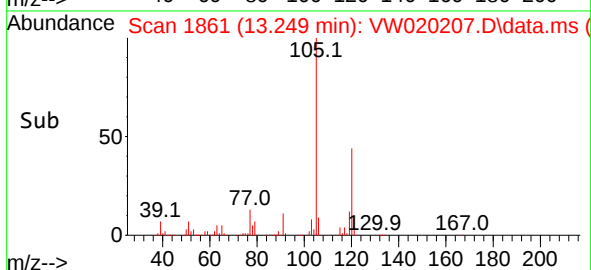
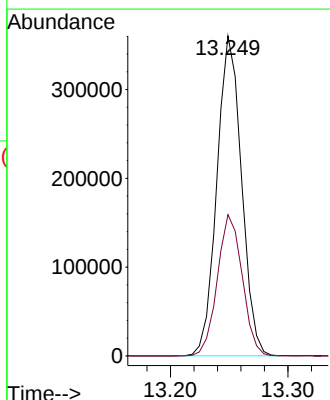
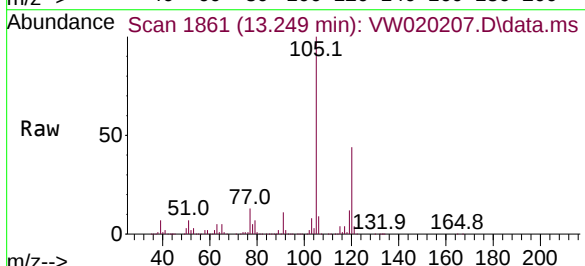
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

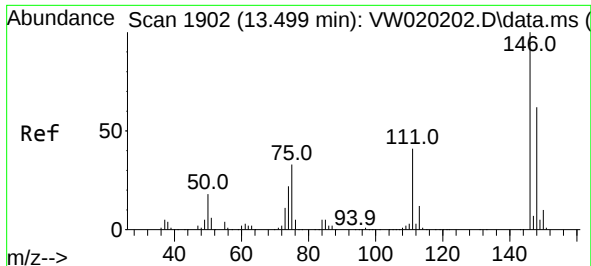
Tgt Ion:105 Resp: 527054
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 28.193 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion:105 Resp: 525302
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.4

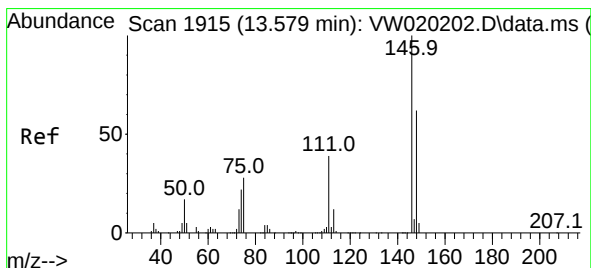
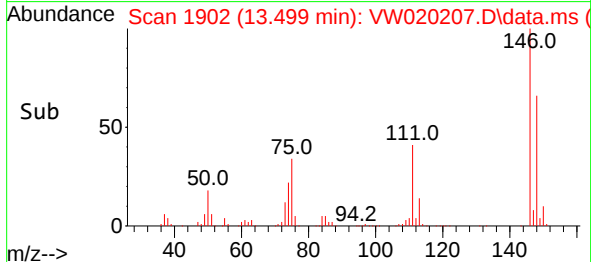
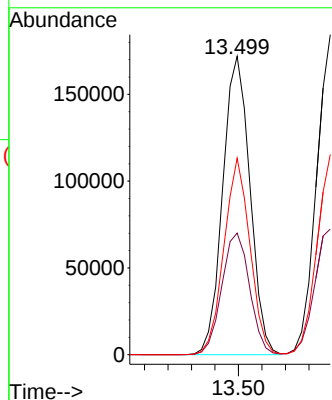
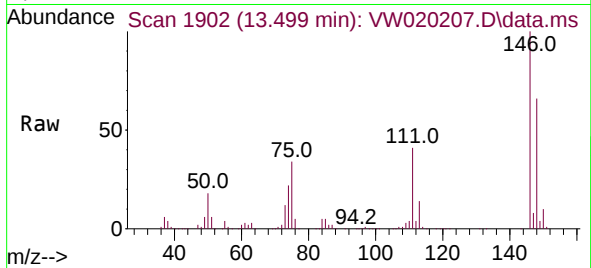




#64
1,3-Dichlorobenzene
Concen: 26.107 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

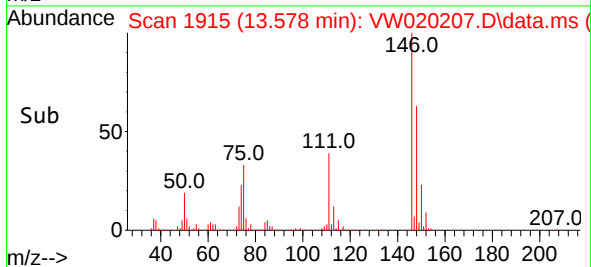
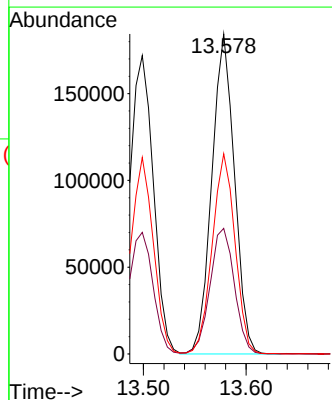
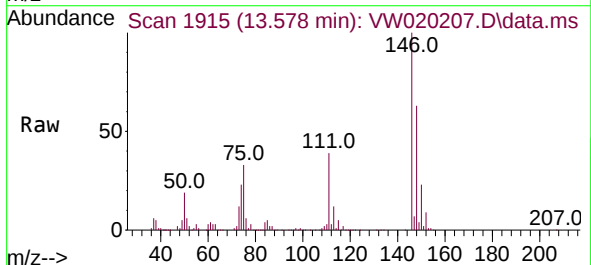
Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

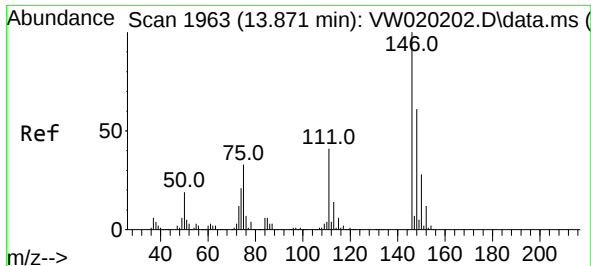
Tgt Ion:146 Resp: 276707
Ion Ratio Lower Upper
146 100
111 40.7 28.3 52.5
148 65.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 25.771 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion:146 Resp: 282271
Ion Ratio Lower Upper
146 100
111 39.2 29.6 55.0
148 62.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 26.156 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW020207.D

Acq: 27 Sep 2021 14:32

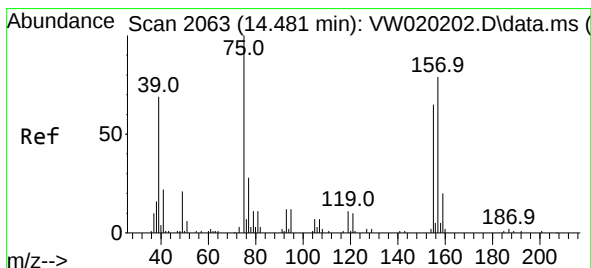
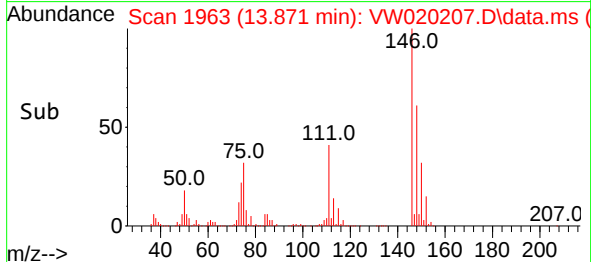
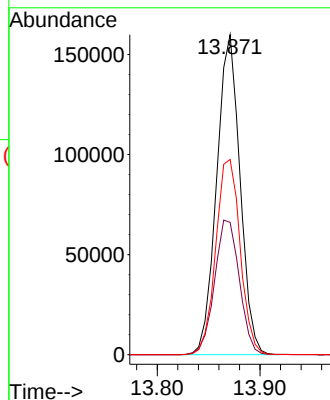
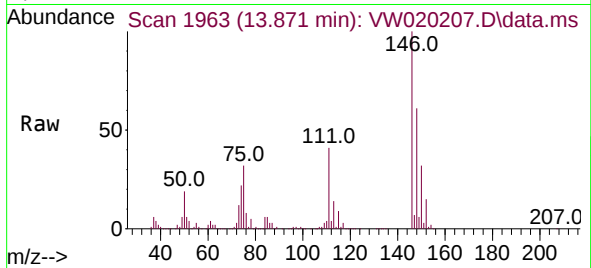
Tgt Ion:146 Resp: 252480

Ion Ratio Lower Upper

146 100

111 41.4 34.7 52.1

148 61.0 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 27.757 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020207.D

Acq: 27 Sep 2021 14:32

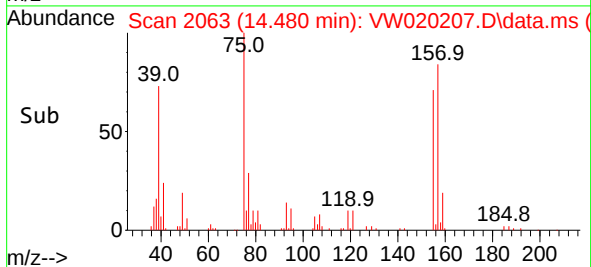
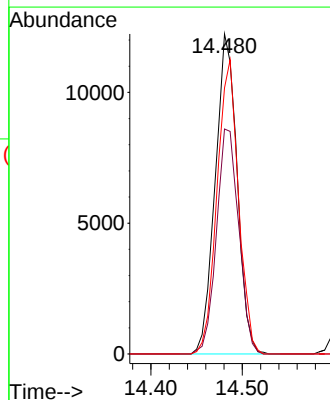
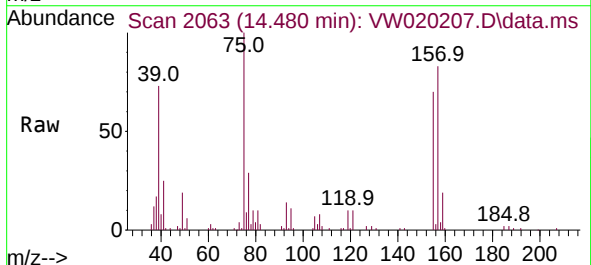
Tgt Ion: 75 Resp: 20280

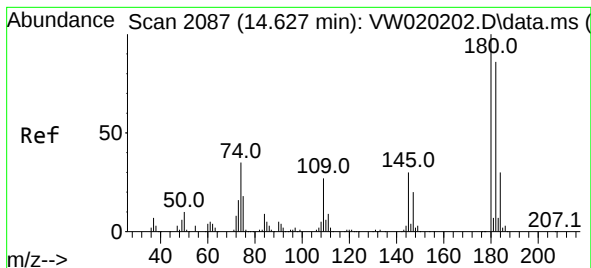
Ion Ratio Lower Upper

75 100

155 70.3 58.5 87.7

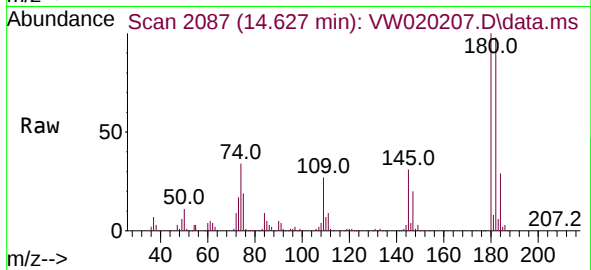
157 83.1 77.4 116.0



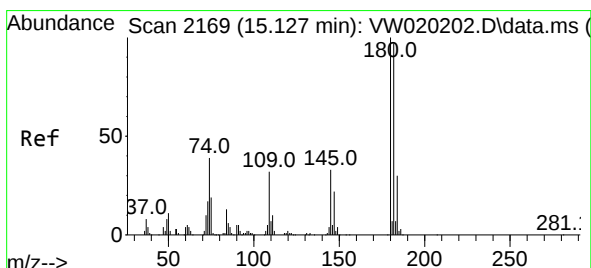
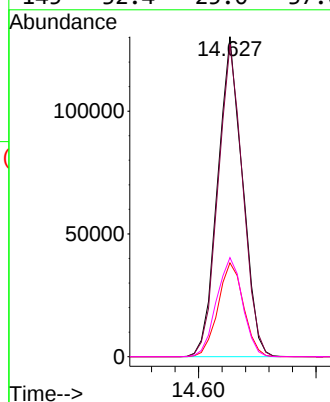
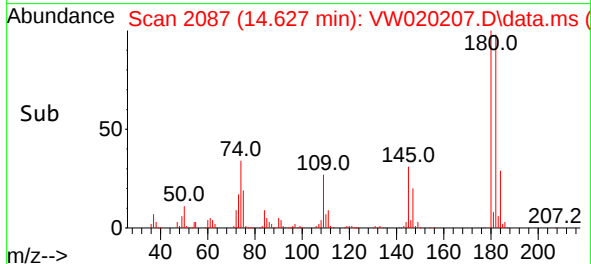


#69
 1,3,5-Trichlorobenzene
 Concen: 26.092 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32

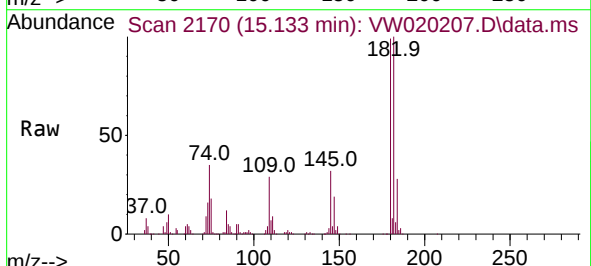
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025556



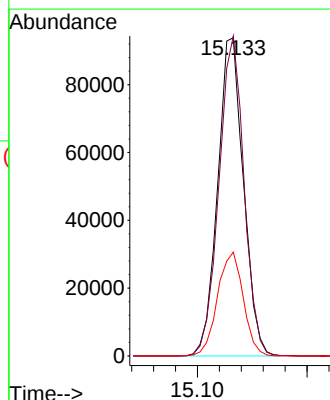
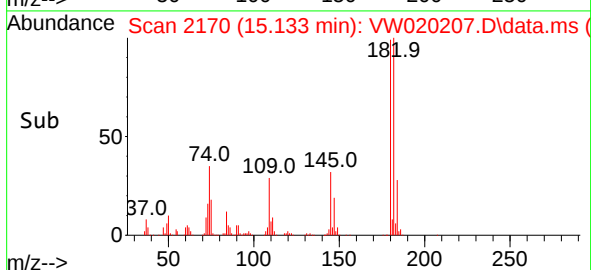
Tgt Ion:	180	Resp:	191278
Ion Ratio	Lower	Upper	
180	100		
182	97.3	75.2	112.8
184	30.1	24.3	36.5
145	32.4	25.0	37.6

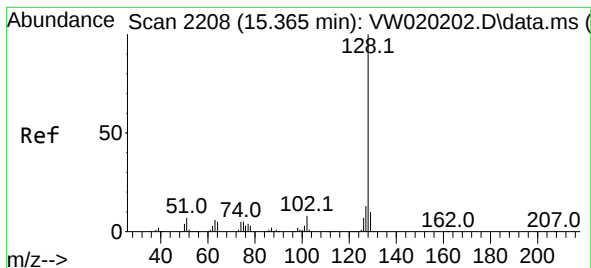


#70
 1,2,4-trichlorobenzene
 Concen: 27.106 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW020207.D
 Acq: 27 Sep 2021 14:32



Tgt Ion:	180	Resp:	153355
Ion Ratio	Lower	Upper	
180	100		
182	97.6	70.6	106.0
145	32.6	25.7	38.5

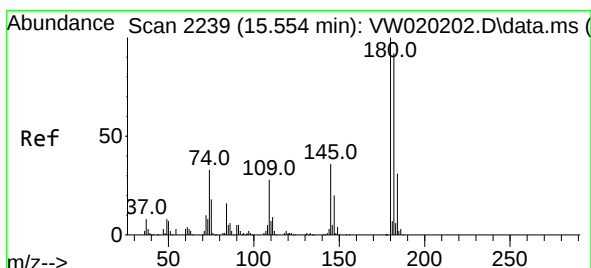
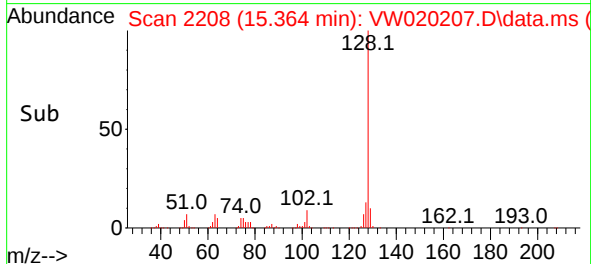
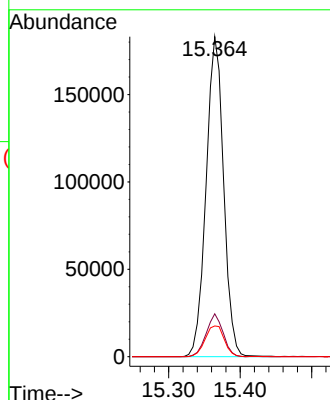
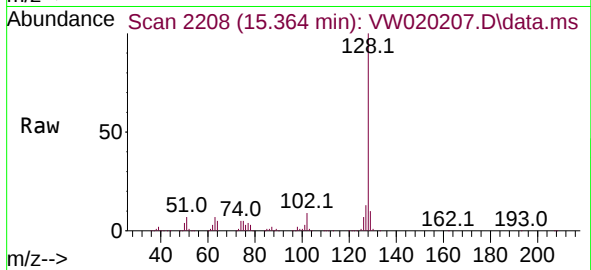




#71
Naphthalene
Concen: 31.173 ug/L
RT: 15.364 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025556

Tgt Ion:128 Resp: 311048
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 28.804 ug/L
RT: 15.553 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020207.D
Acq: 27 Sep 2021 14:32

Tgt Ion:180 Resp: 146736
Ion Ratio Lower Upper
180 100
182 90.0 75.7 113.5
145 33.6 28.2 42.4

