

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022212.D
 Acq On : 07 Mar 2022 19:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Quant Time: Mar 08 00:26:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 08 00:21:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	141343	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	132549	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	74947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	46326	25.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.520%	
7) Chloroethane-d5	2.885	69	36464	25.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.560%	
11) 1,1-Dichloroethene-d2	4.019	63	69446	24.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.400%	
21) 2-Butanone-d5	7.074	46	18268	58.936	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.880%	
24) Chloroform-d	7.653	84	85337	27.060	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 108.240%	
26) 1,2-Dichloroethane-d4	8.305	65	44553	27.179	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.720%	
32) Benzene-d6	8.275	84	165490	26.827	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.320%	
36) 1,2-Dichloropropane-d6	9.274	67	44880	26.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.800%	
41) Toluene-d8	10.323	98	163032	26.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.320%	
43) trans-1,3-Dichloroprop...	10.579	79	20135	26.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.040%	
47) 2-Hexanone-d5	10.920	63	15267	54.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.360%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42039	27.961	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.840%	
66) 1,2-Dichlorobenzene-d4	13.853	152	62055	25.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8436	21.356	ug/L	92
3) Chloromethane	2.221	50	28863	21.323	ug/L	96
5) Vinyl chloride	2.361	62	44603	21.931	ug/L	98
6) Bromomethane	2.782	94	27765	19.547	ug/L	92
8) Chloroethane	2.916	64	26265	22.989	ug/L	88
9) Trichlorofluoromethane	3.263	101	34969	25.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42008	24.936	ug/L #	90
12) 1,1-Dichloroethene	4.044	96	34231	23.445	ug/L	97
13) Acetone	4.117	43	13146	51.927	ug/L	64
14) Carbon disulfide	4.385	76	73459	19.406	ug/L	100
15) Methyl Acetate	4.678	43	14646	25.697	ug/L	99
16) Methylene chloride	4.915	84	41373	23.847	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	38334	23.904	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	59441	27.244	ug/L	99
19) 1,1-Dichloroethane	6.220	63	67888	26.148	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	44082	25.375	ug/L	100
22) 2-Butanone	7.165	43	19775	54.376	ug/L	99
23) Bromochloromethane	7.513	128	21476	25.307	ug/L	91
25) Chloroform	7.677	83	80452	26.558	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022212.D
 Acq On : 07 Mar 2022 19:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Quant Time: Mar 08 00:26:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 08 00:21:43 2022
 Response via : Initial Calibration

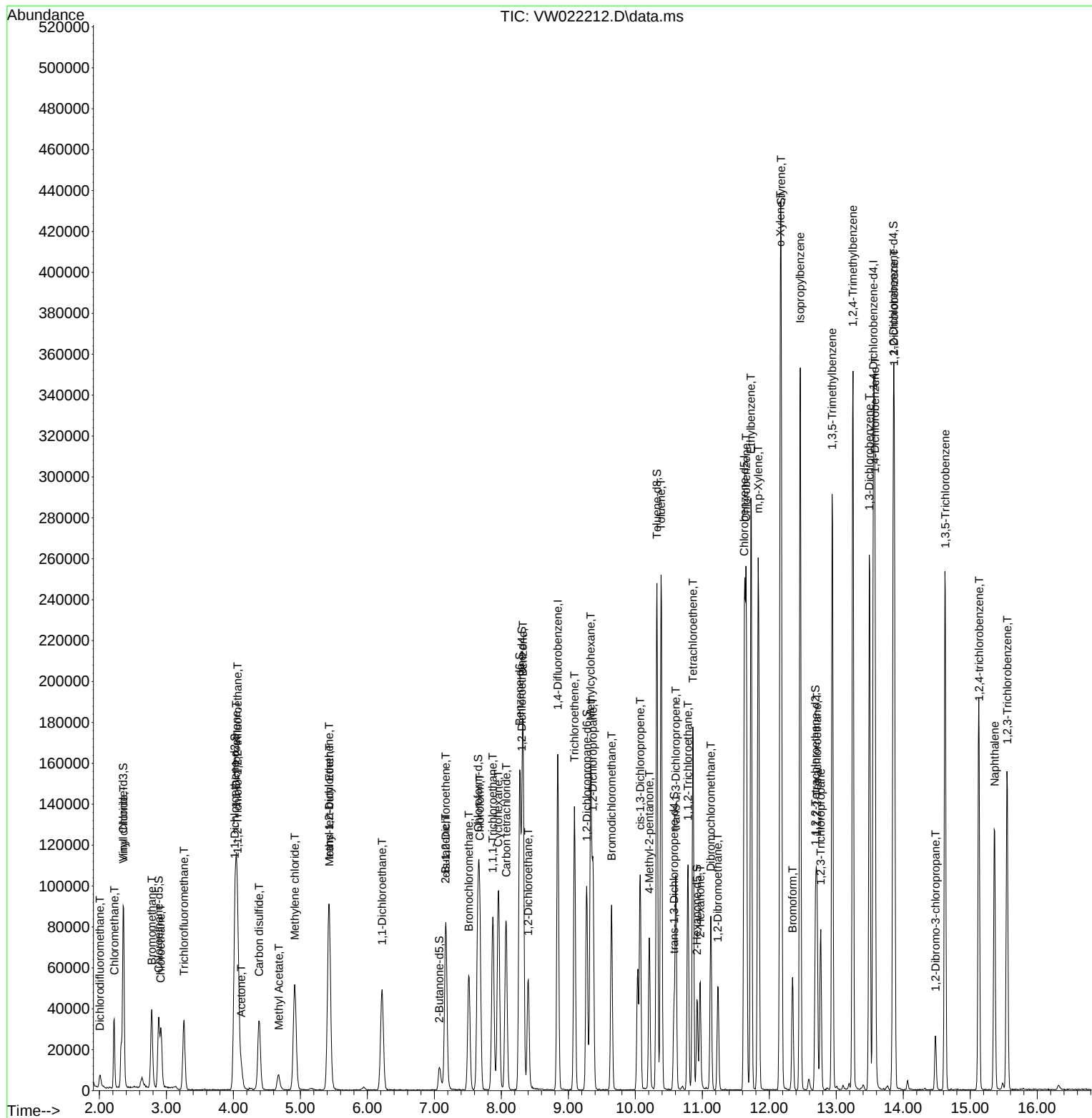
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	48189	25.827	ug/L	99
29) Cyclohexane	7.952	56	51819	23.491	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	68374	25.639	ug/L	99
31) Carbon tetrachloride	8.073	117	63171	24.925	ug/L	99
33) Benzene	8.323	78	162050	25.287	ug/L	100
34) Trichloroethene	9.092	95	45750	24.933	ug/L	95
35) Methylcyclohexane	9.335	83	66839	23.550	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38827	25.970	ug/L	98
38) Bromodichloromethane	9.646	83	56823	26.504	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61965	27.267	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	44171	54.710	ug/L	99
42) Toluene	10.384	91	188111	25.935	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	55297	27.078	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	34580	26.084	ug/L	96
46) Tetrachloroethene	10.860	164	37664	23.432	ug/L	80
48) 2-Hexanone	10.969	43	32061	57.215	ug/L	99
49) Dibromochloromethane	11.128	129	42819	26.590	ug/L	99
50) 1,2-Dibromoethane	11.231	107	33018	25.821	ug/L #	98
51) Chlorobenzene	11.652	112	130576	25.868	ug/L	99
52) Ethylbenzene	11.725	91	208876	26.021	ug/L	99
53) m,p-Xylene	11.835	106	87337	26.442	ug/L	100
54) o-Xylene	12.164	106	83545	26.882	ug/L	96
55) Styrene	12.176	104	143103	27.466	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	41943	27.268	ug/L	96
59) Bromoform	12.347	173	24634	24.855	ug/L #	95
60) Isopropylbenzene	12.463	105	229648	25.525	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	30499	25.784	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	157869	26.388	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	194853	26.651	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	109900	24.625	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	110501	24.707	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	97737	24.631	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	6184	24.730	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	77159	24.087	ug/L	91
70) 1,2,4-trichlorobenzene	15.133	180	59537	24.564	ug/L	100
71) Naphthalene	15.365	128	114019	26.648	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	53206	25.379	ug/L	93

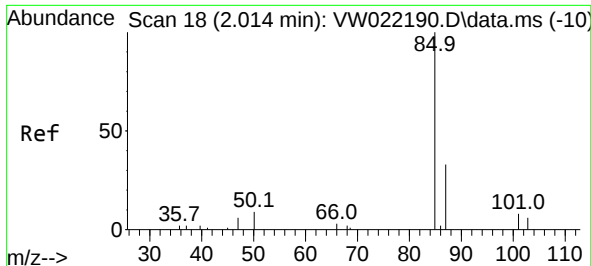
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030722\
 Data File : VW022212.D
 Acq On : 07 Mar 2022 19:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

Quant Time: Mar 08 00:26:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 08 00:21:43 2022
 Response via : Initial Calibration

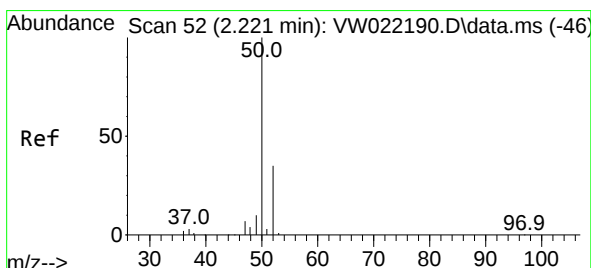
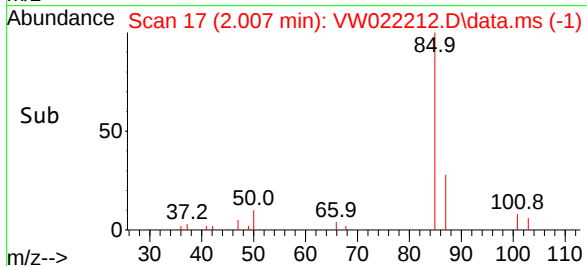
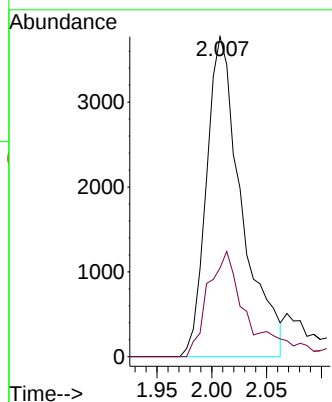
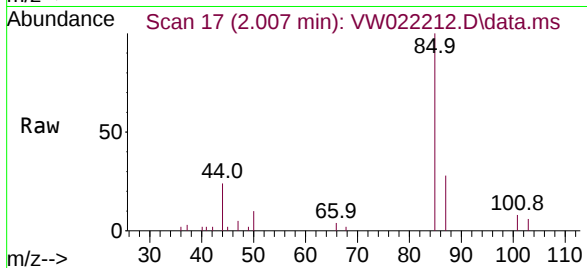




#2
Dichlorodifluoromethane
Concen: 21.356 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

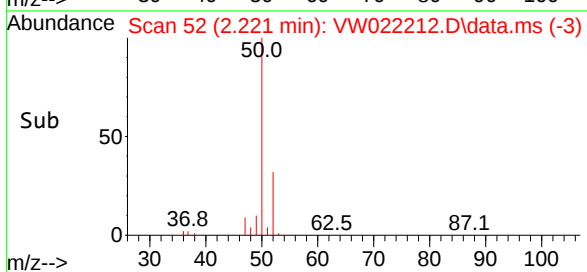
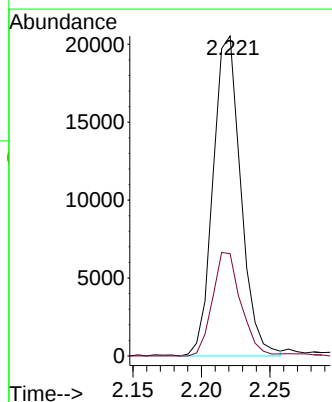
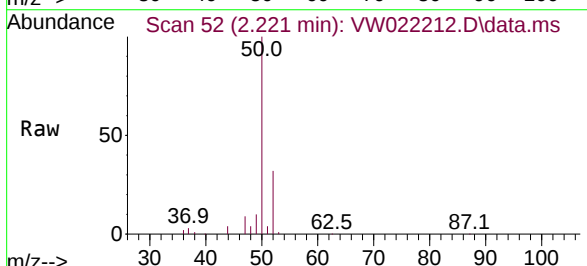
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

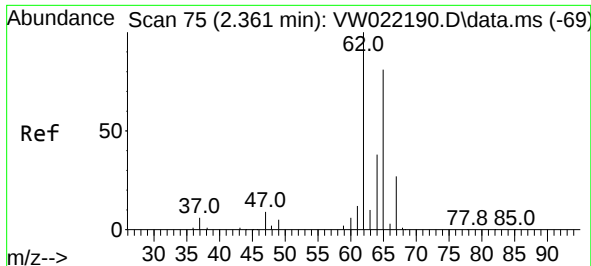
Tgt Ion: 85 Resp: 8436
Ion Ratio Lower Upper
85 100
87 29.8 27.6 41.4



#3
Chloromethane
Concen: 21.323 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 50 Resp: 28863
Ion Ratio Lower Upper
50 100
52 31.9 23.9 44.5

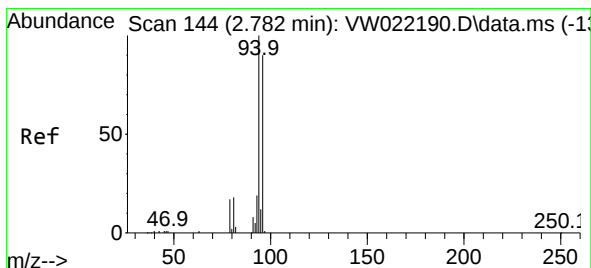
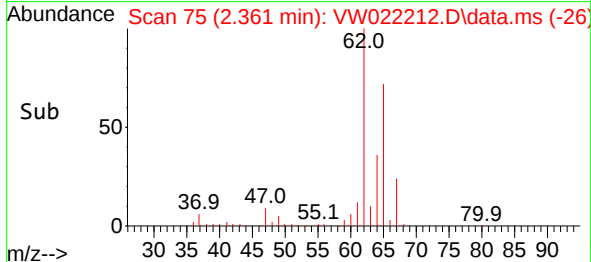
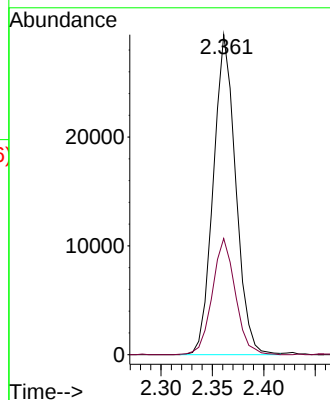
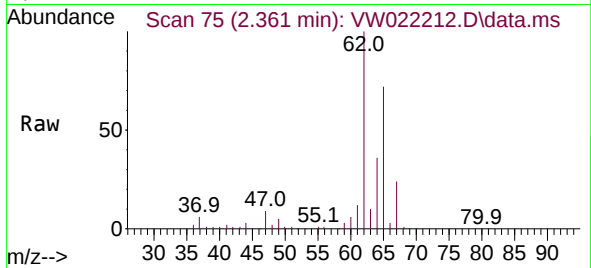




#5
 Vinyl chloride
 Concen: 21.931 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022212.D
 Acq: 07 Mar 2022 19:40

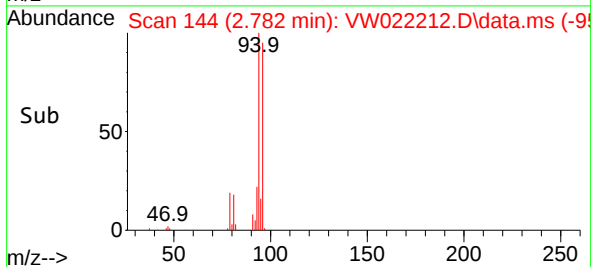
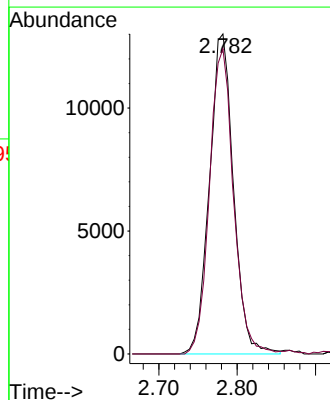
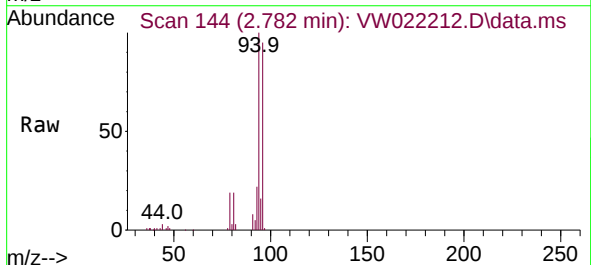
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

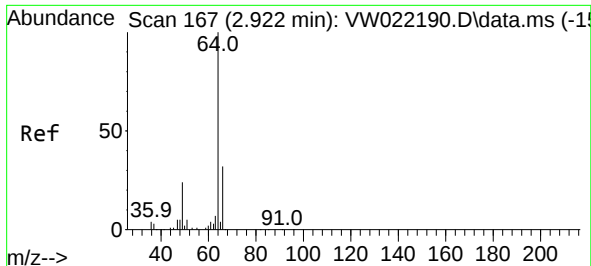
Tgt Ion: 62 Resp: 44603
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.7 45.9



#6
 Bromomethane
 Concen: 19.547 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022212.D
 Acq: 07 Mar 2022 19:40

Tgt Ion: 94 Resp: 27765
 Ion Ratio Lower Upper
 94 100
 96 95.4 61.2 113.8





#8

Chloroethane

Concen: 22.989 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

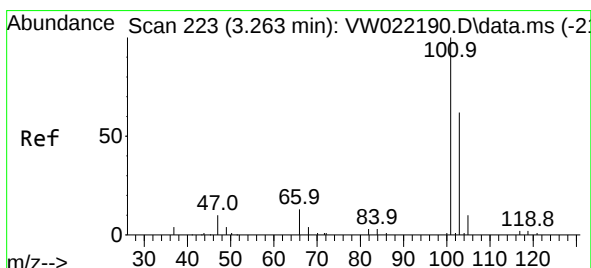
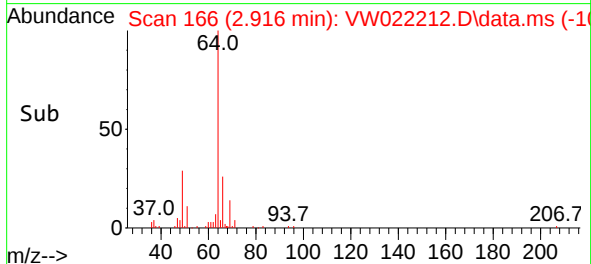
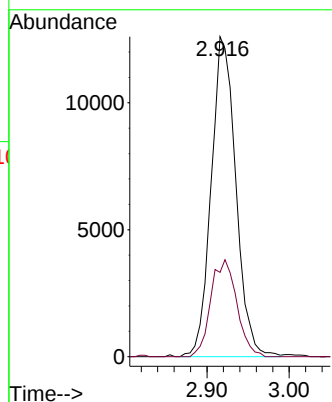
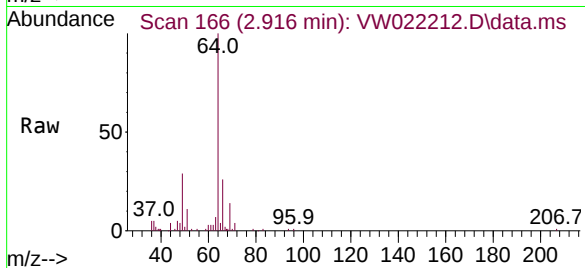
VSTD025574

Tgt Ion: 64 Resp: 26265

Ion Ratio Lower Upper

64 100

66 26.4 23.2 43.0



#9

Trichlorofluoromethane

Concen: 25.325 ug/L

RT: 3.263 min Scan# 223

Delta R.T. -0.000 min

Lab File: VW022212.D

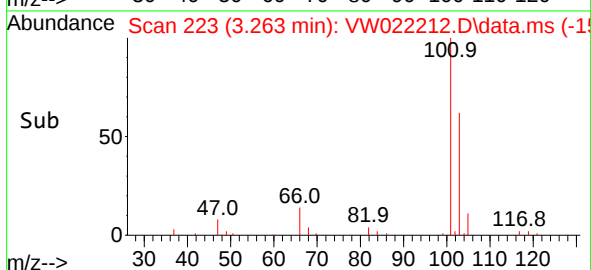
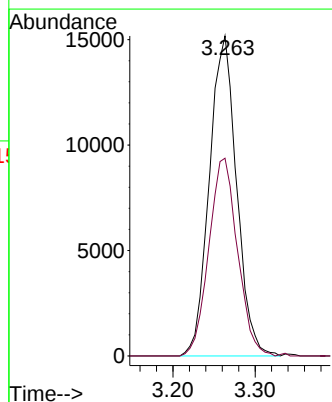
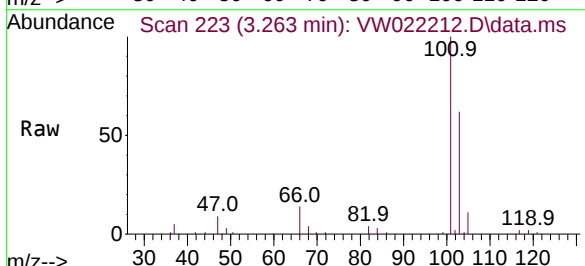
Acq: 07 Mar 2022 19:40

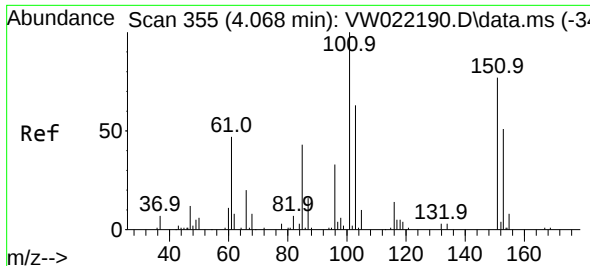
Tgt Ion: 101 Resp: 34969

Ion Ratio Lower Upper

101 100

103 64.8 53.2 79.8

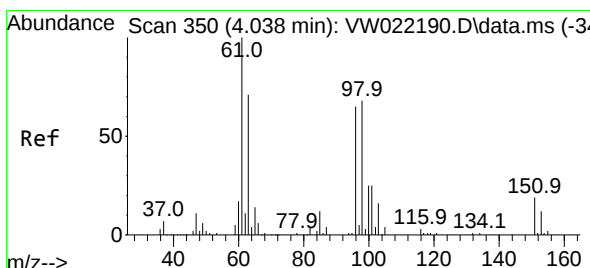
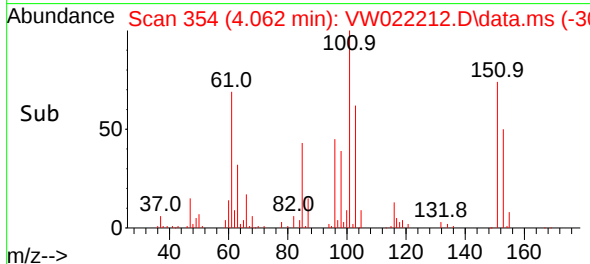
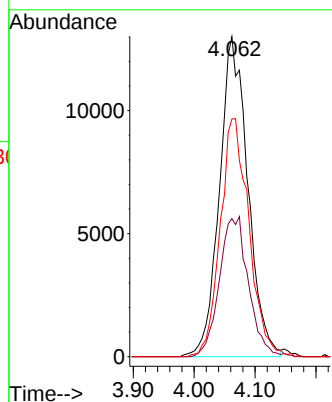
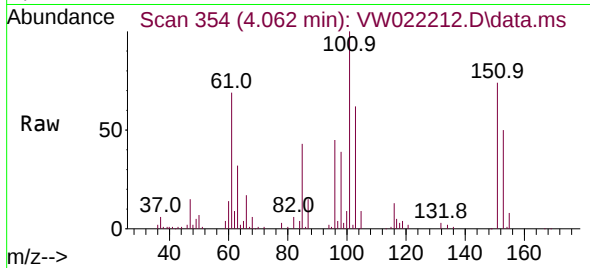




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.936 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022212.D
 Acq: 07 Mar 2022 19:40

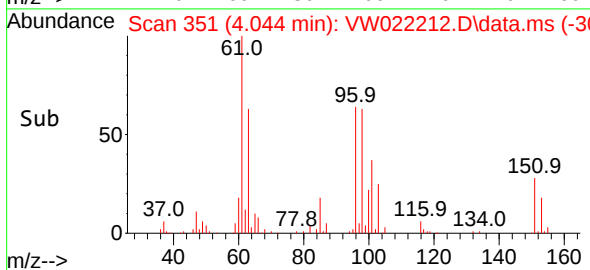
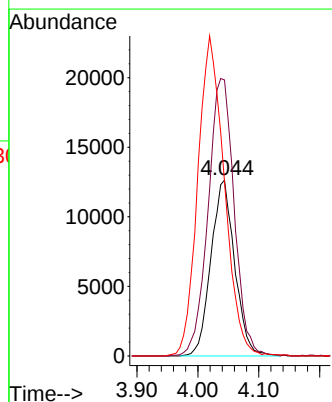
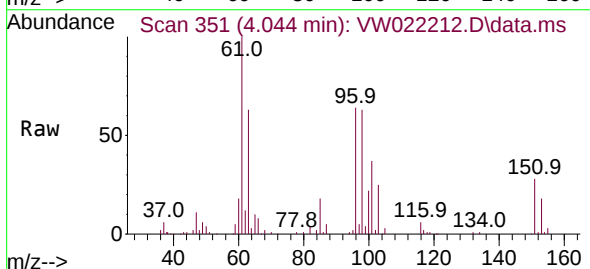
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025574

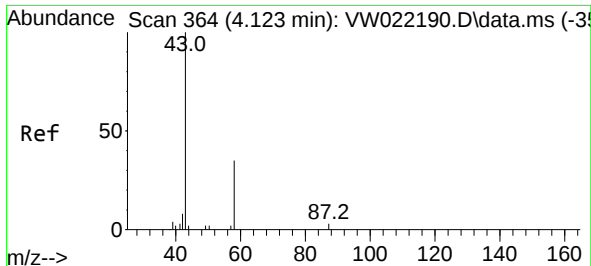
Tgt Ion:101 Resp: 42008
 Ion Ratio Lower Upper
 101 100
 85 26.7 34.4 51.6#
 151 75.2 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 23.445 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022212.D
 Acq: 07 Mar 2022 19:40

Tgt Ion: 96 Resp: 34231
 Ion Ratio Lower Upper
 96 100
 61 157.0 108.4 201.2
 63 98.9 72.0 133.6

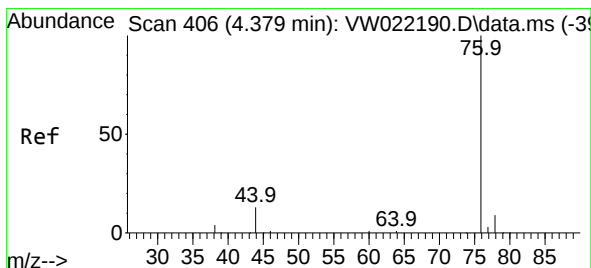
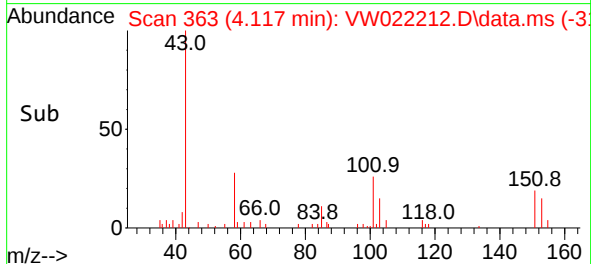
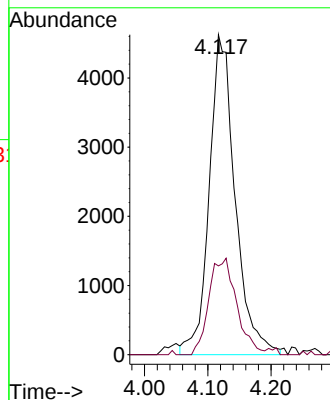
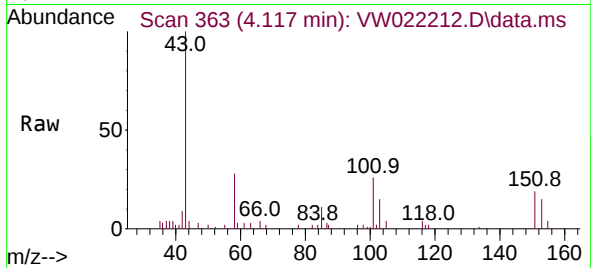




#13
Acetone
Concen: 51.927 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

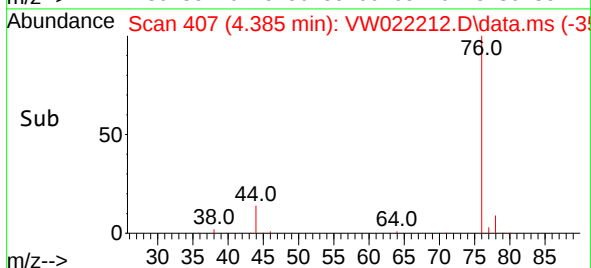
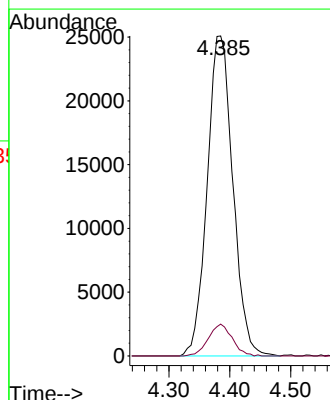
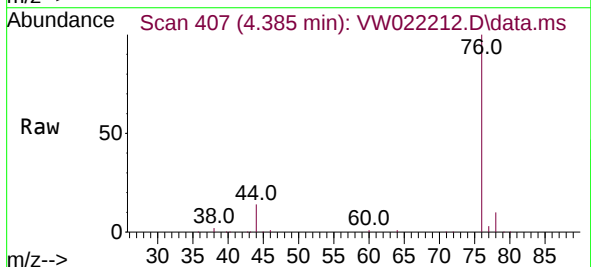
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

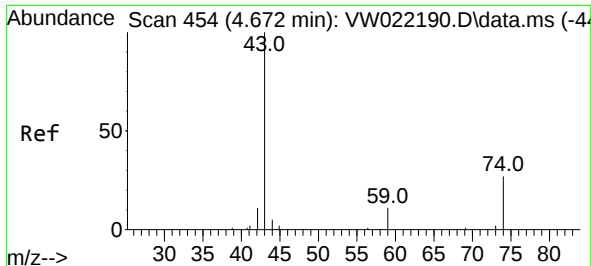
Tgt Ion: 43 Resp: 13146
Ion Ratio Lower Upper
43 100
58 13.6 0.0 69.2



#14
Carbon disulfide
Concen: 19.406 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 76 Resp: 73459
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.8

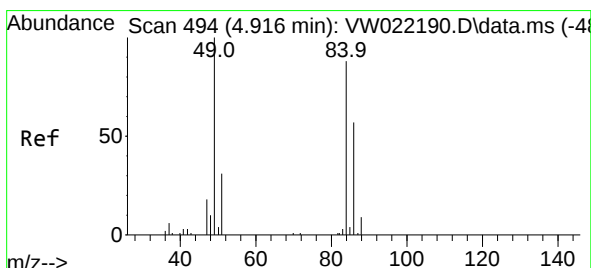
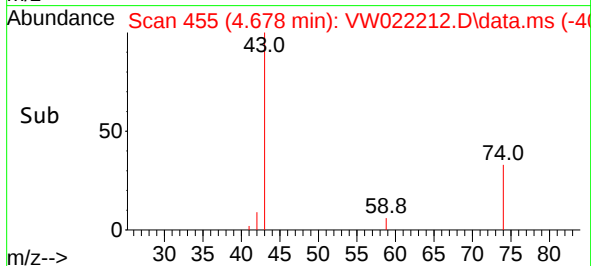
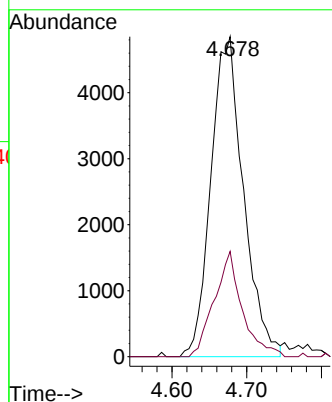
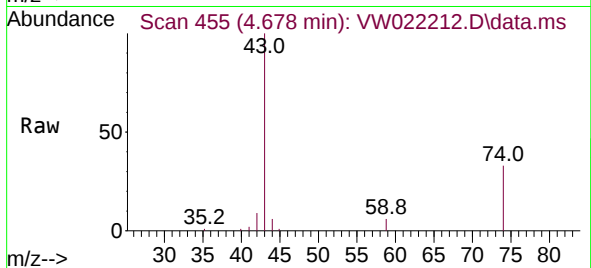




#15
Methyl Acetate
Concen: 25.697 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

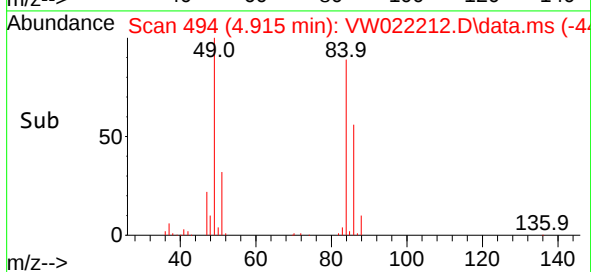
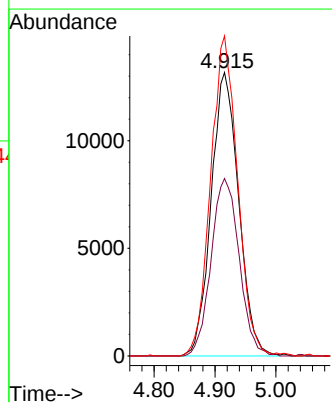
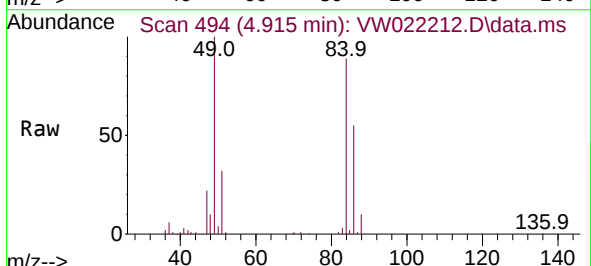
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

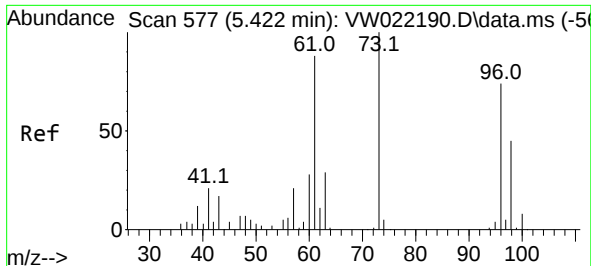
Tgt Ion: 43 Resp: 14646
Ion Ratio Lower Upper
43 100
74 28.3 23.0 34.6



#16
Methylene chloride
Concen: 23.847 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 84 Resp: 41373
Ion Ratio Lower Upper
84 100
86 62.6 45.8 85.0
49 112.9 73.8 137.0

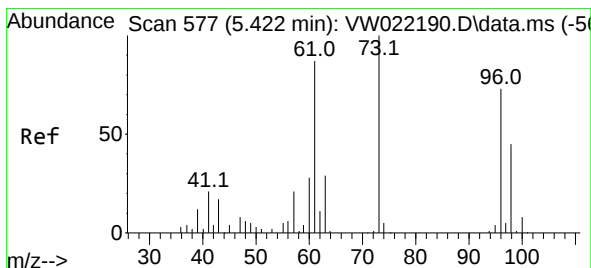
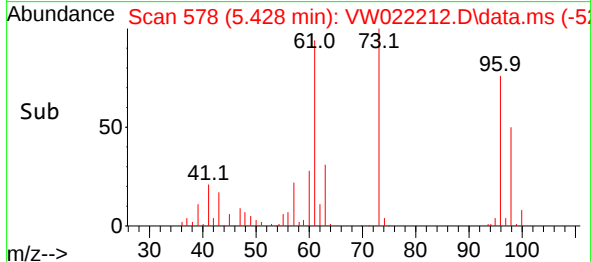
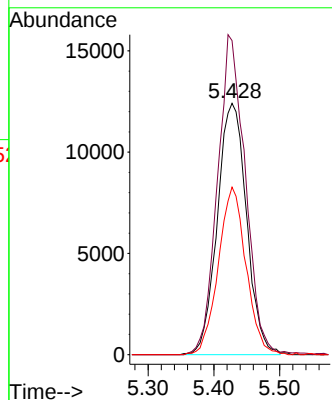
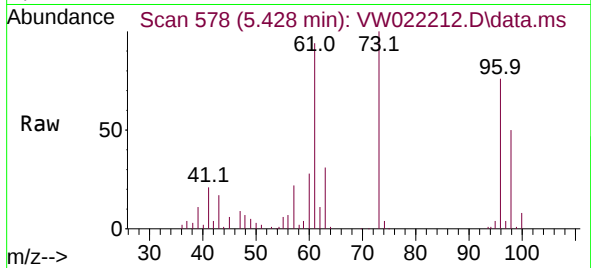




#17
trans-1,2-Dichloroethene
Concen: 23.904 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

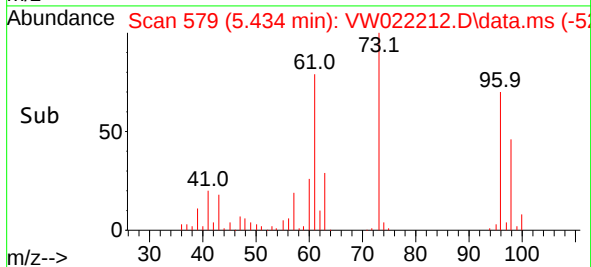
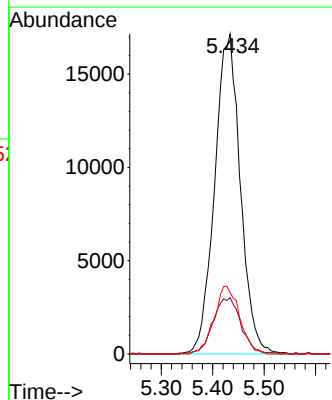
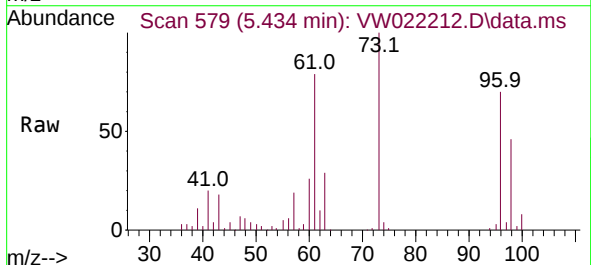
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

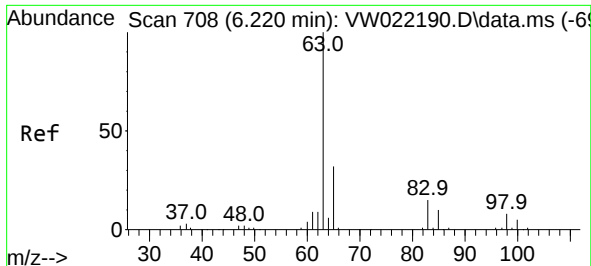
Tgt Ion: 96 Resp: 38334
Ion Ratio Lower Upper
96 100
61 124.9 87.3 162.1
98 66.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 27.244 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 73 Resp: 59441
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.2
57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.148 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

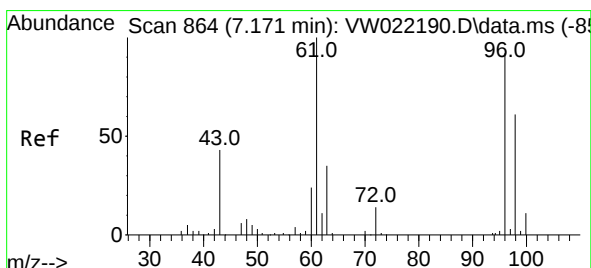
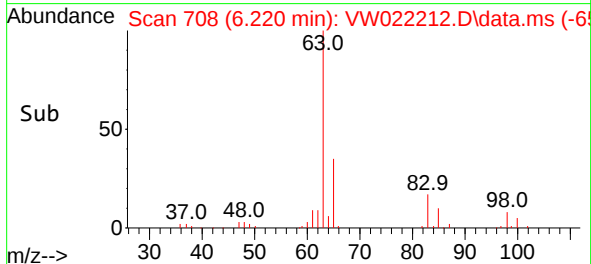
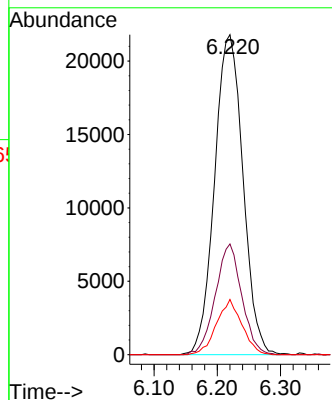
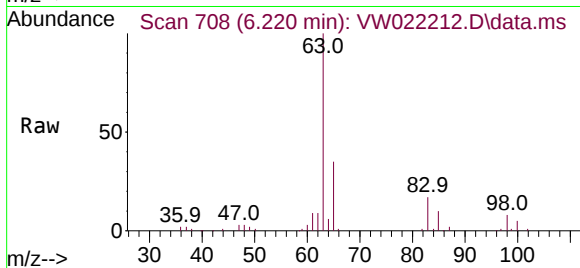
Tgt Ion: 63 Resp: 67888

Ion Ratio Lower Upper

63 100

65 34.6 22.5 41.9

83 17.3 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 25.375 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

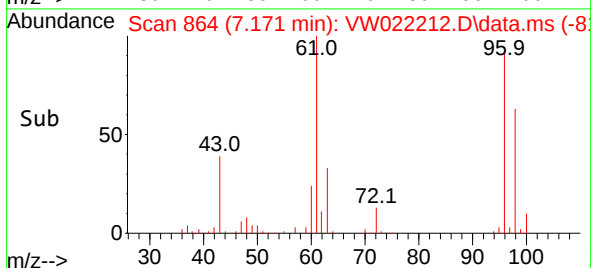
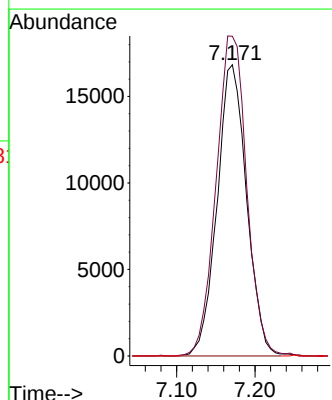
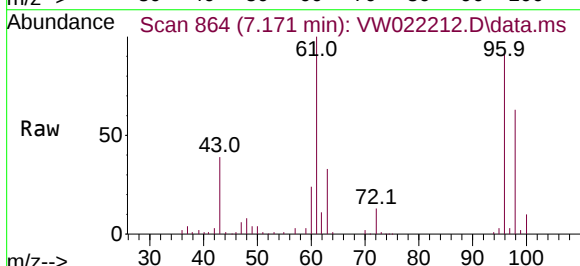
Tgt Ion: 96 Resp: 44082

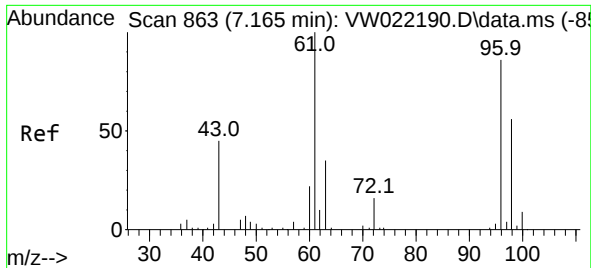
Ion Ratio Lower Upper

96 100

61 109.8 76.8 142.6

68 0.0 0.0 0.0

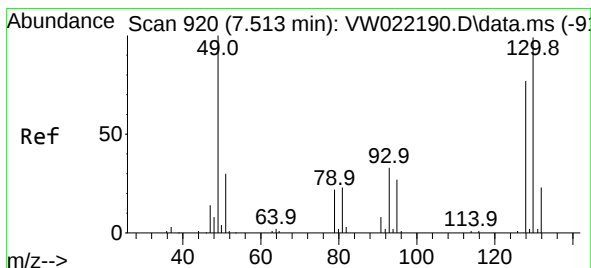
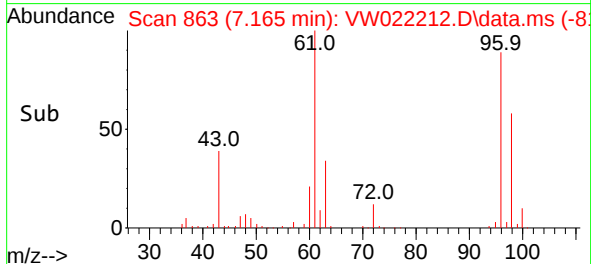
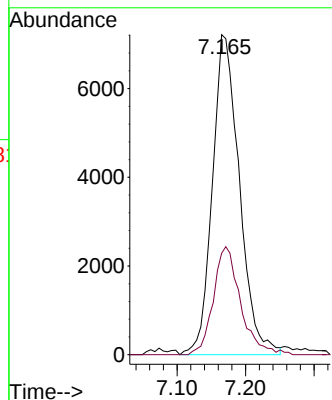
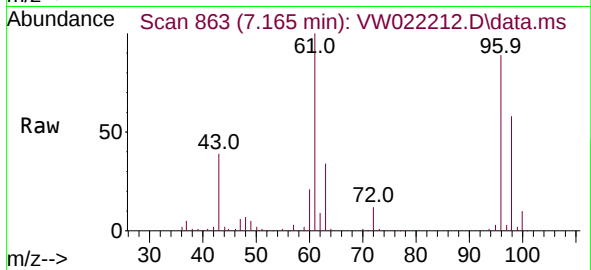




#22
2-Butanone
Concen: 54.376 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

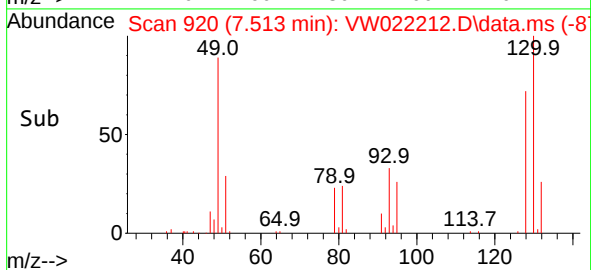
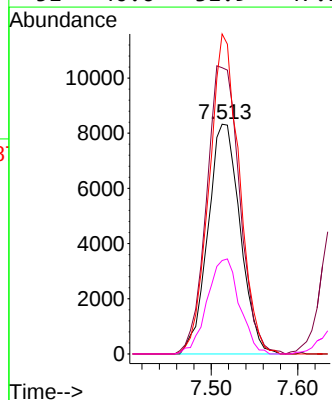
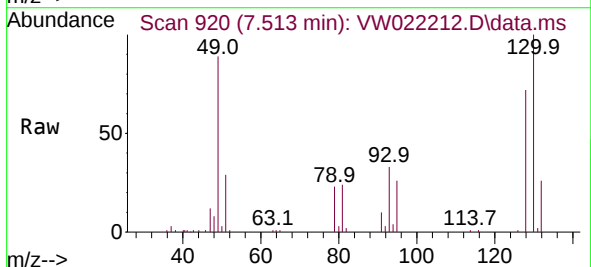
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

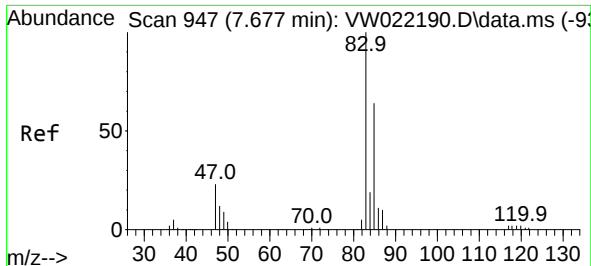
Tgt Ion: 43 Resp: 19775
Ion Ratio Lower Upper
43 100
72 33.6 17.0 51.0



#23
Bromochloromethane
Concen: 25.307 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 128 Resp: 21476
Ion Ratio Lower Upper
128 100
49 124.6 84.2 156.4
130 139.3 84.8 157.4
51 40.6 31.9 47.9

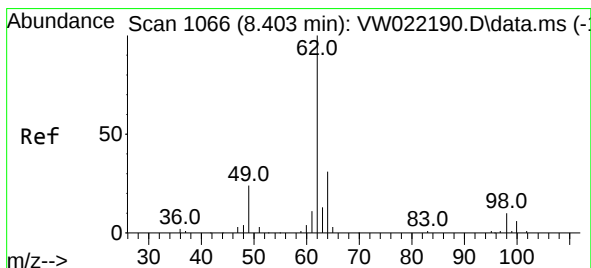
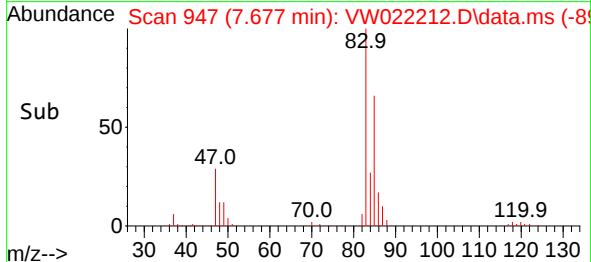
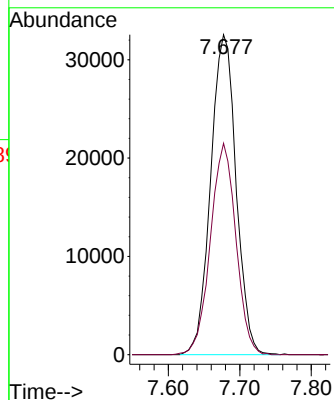
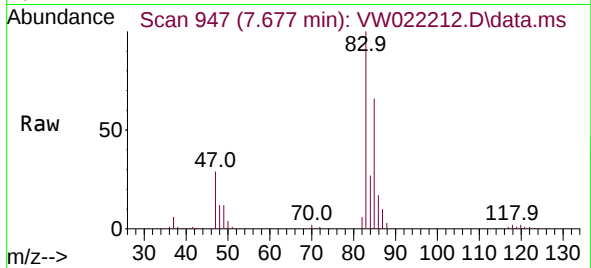




#25
Chloroform
Concen: 26.558 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

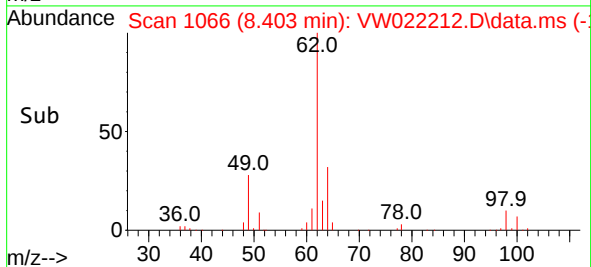
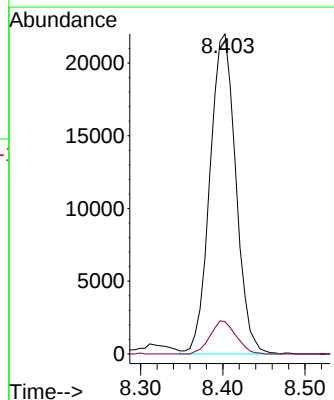
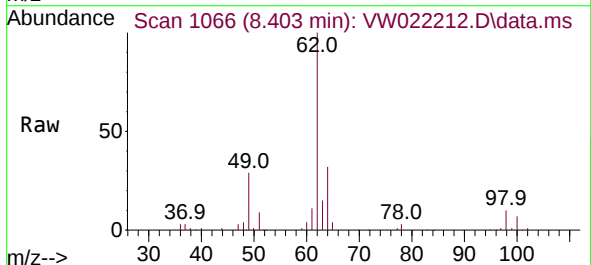
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

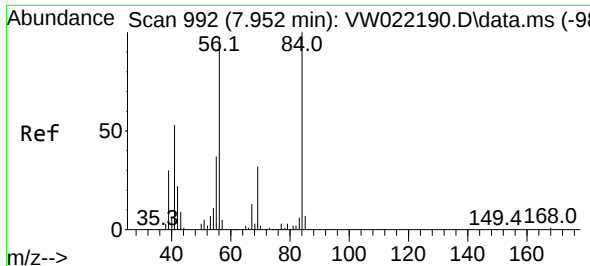
Tgt Ion: 83 Resp: 80452
Ion Ratio Lower Upper
83 100
85 66.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 25.827 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 62 Resp: 48189
Ion Ratio Lower Upper
62 100
98 10.1 7.9 11.9

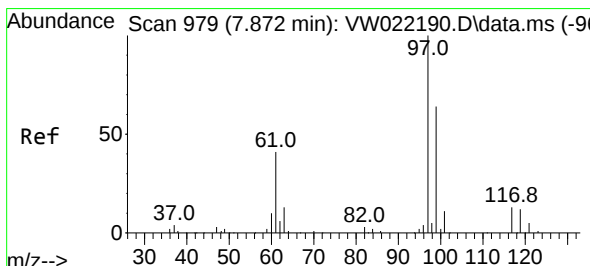
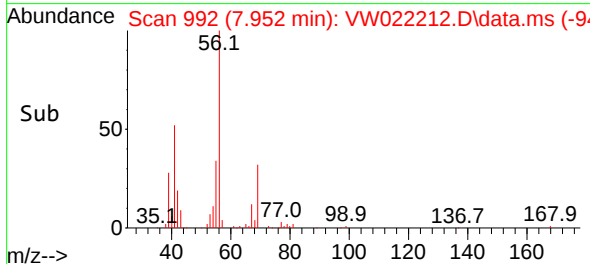
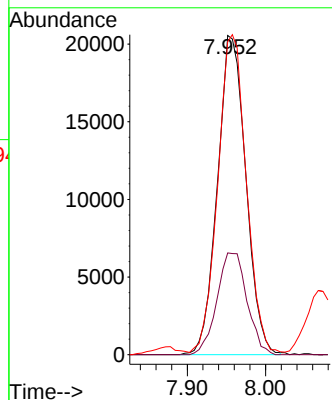
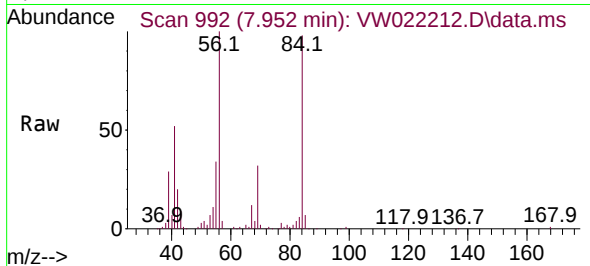




#29
Cyclohexane
Concen: 23.491 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

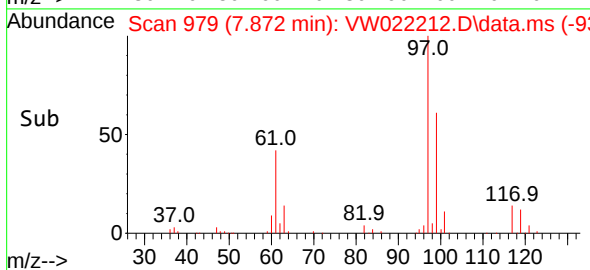
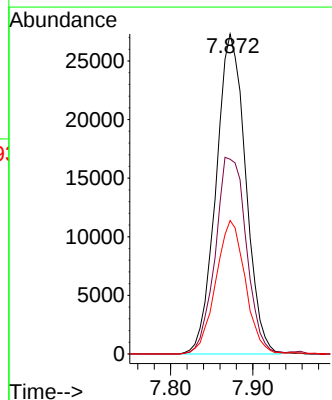
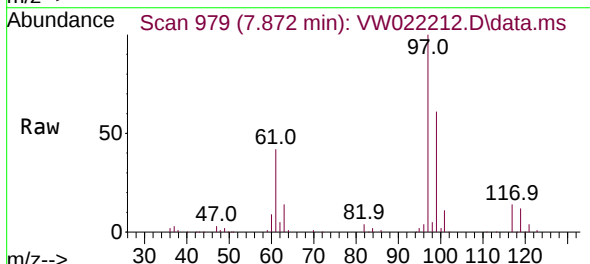
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

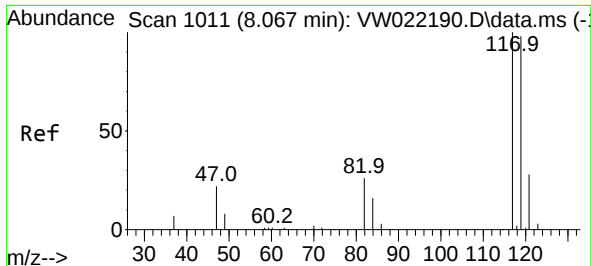
Tgt Ion: 56 Resp: 51819
Ion Ratio Lower Upper
56 100
69 33.7 26.3 39.5
84 101.0 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 25.639 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 97 Resp: 68374
Ion Ratio Lower Upper
97 100
99 64.4 52.6 78.8
61 41.5 33.0 49.6

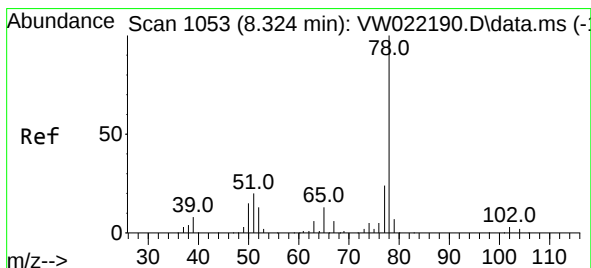
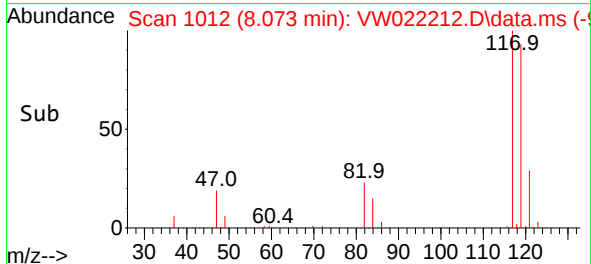
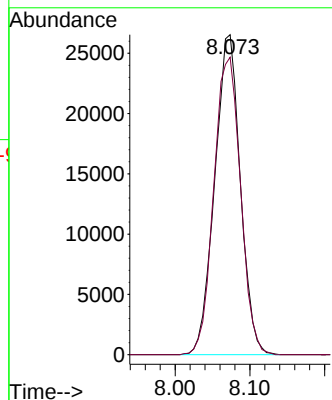
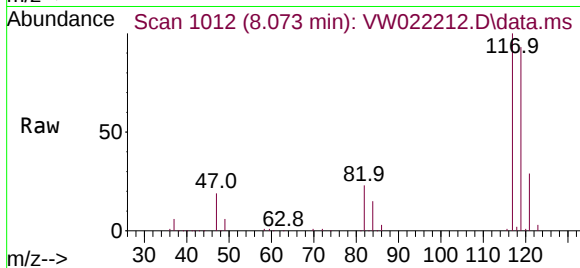




#31
Carbon tetrachloride
Concen: 24.925 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

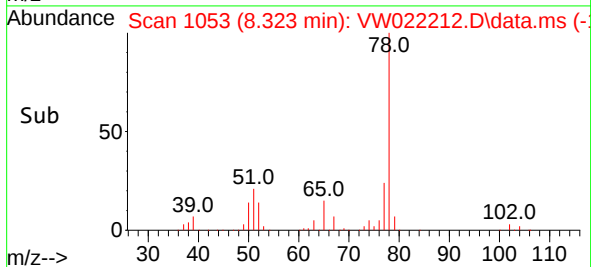
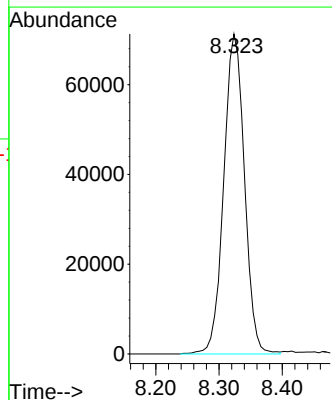
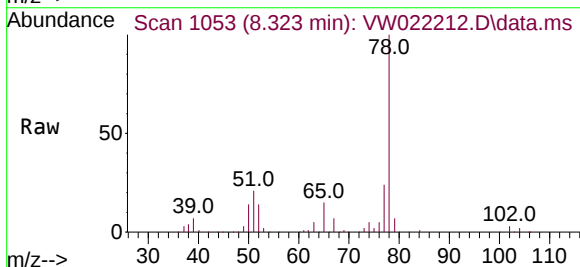
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

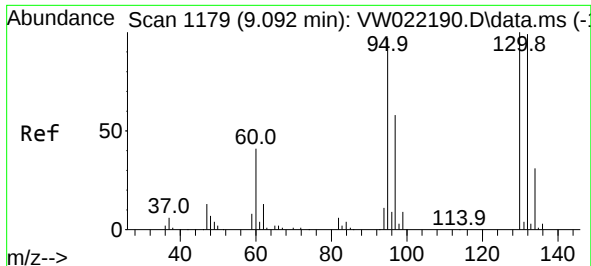
Tgt Ion:117 Resp: 63171
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1



#33
Benzene
Concen: 25.287 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 78 Resp: 162050





#34

Trichloroethene

Concen: 24.933 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

Tgt Ion: 95 Resp: 45750

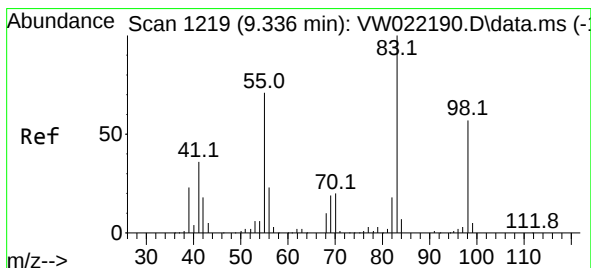
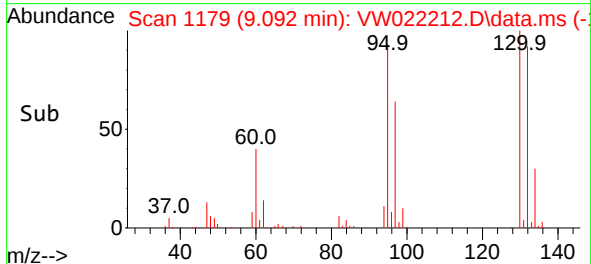
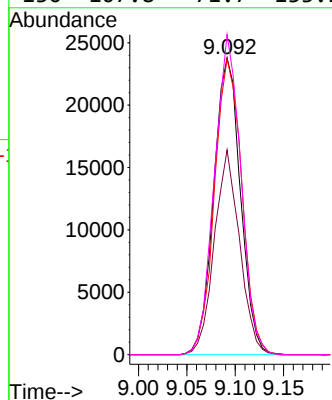
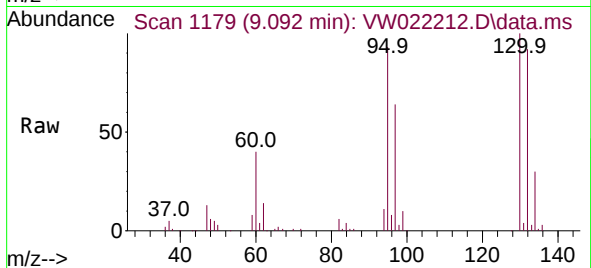
Ion Ratio Lower Upper

95 100

97 69.0 44.4 82.4

132 99.7 71.7 133.1

130 107.8 71.7 133.1



#35

Methylcyclohexane

Concen: 23.550 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

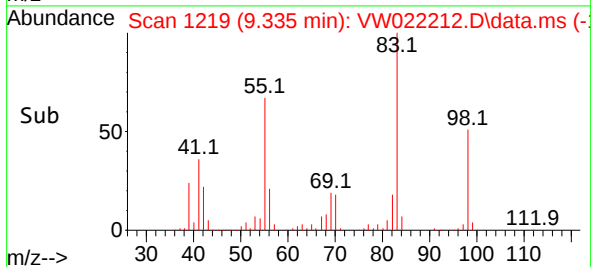
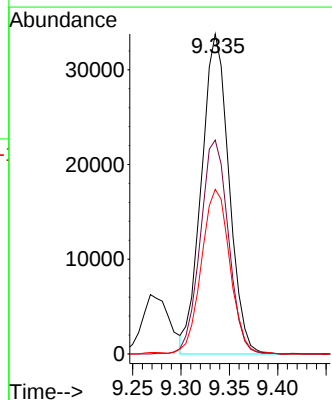
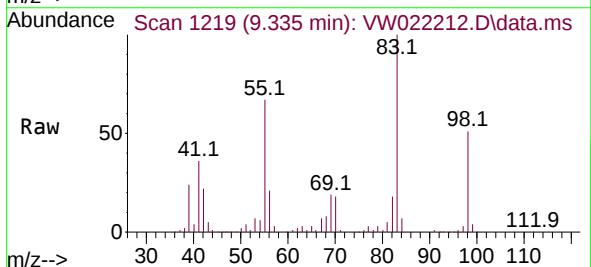
Tgt Ion: 83 Resp: 66839

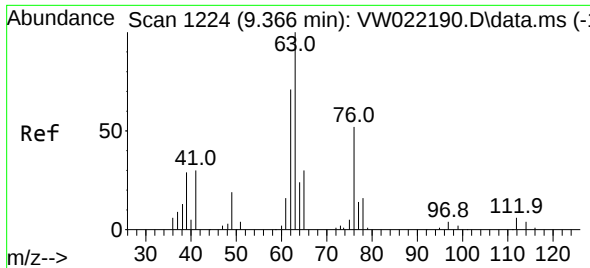
Ion Ratio Lower Upper

83 100

55 68.1 53.8 80.8

98 53.4 42.1 63.1

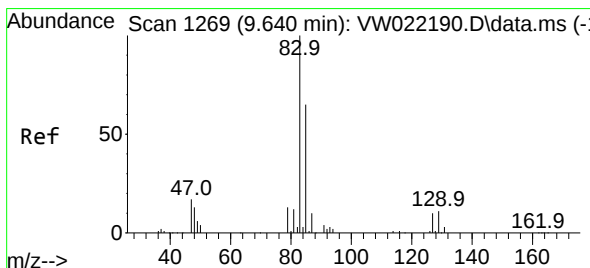
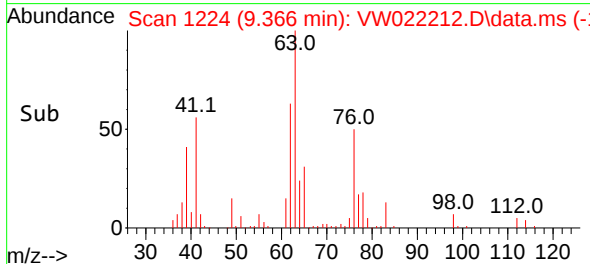
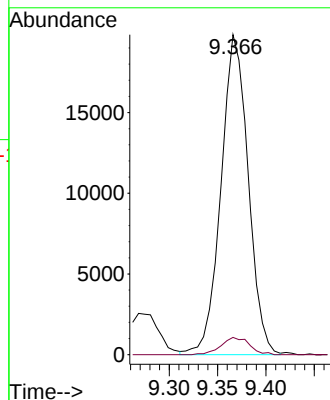
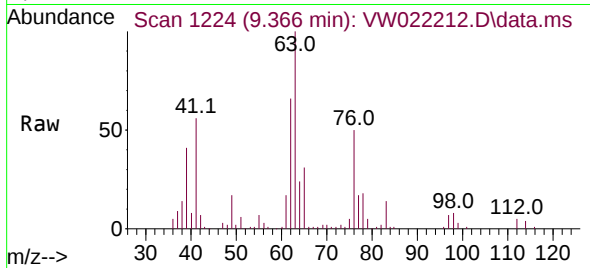




#37
1,2-Dichloropropane
Concen: 25.970 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

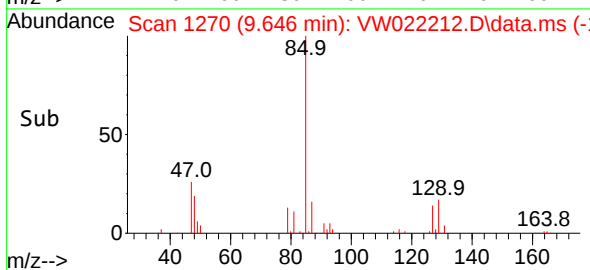
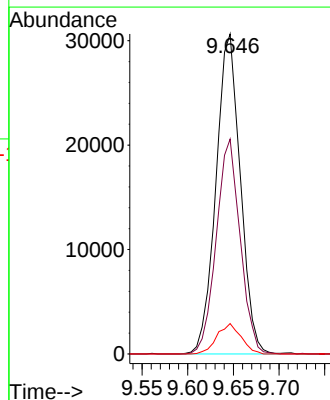
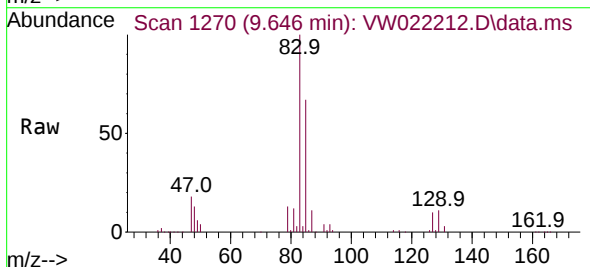
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

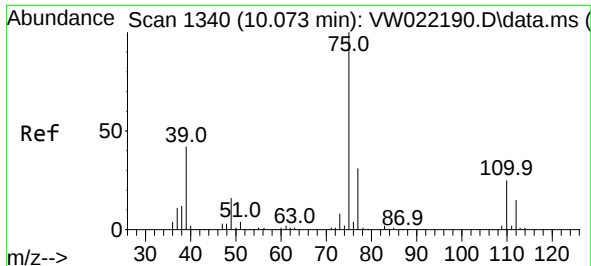
Tgt Ion: 63 Resp: 38827
Ion Ratio Lower Upper
63 100
112 5.7 4.1 6.1



#38
Bromodichloromethane
Concen: 26.504 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 83 Resp: 56823
Ion Ratio Lower Upper
83 100
85 67.1 47.9 89.1
127 9.5 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 27.267 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

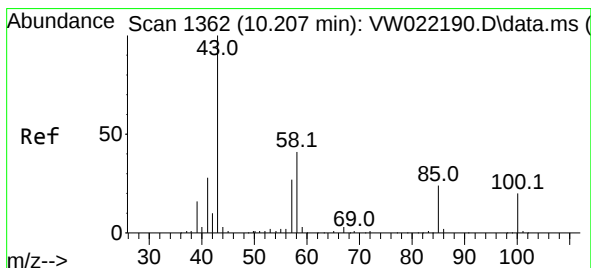
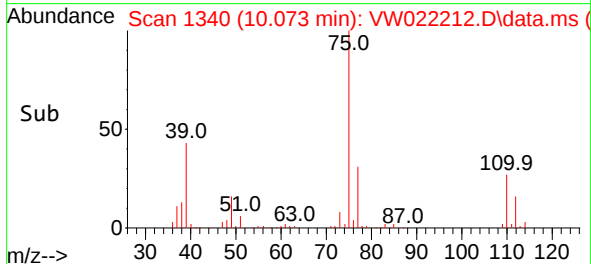
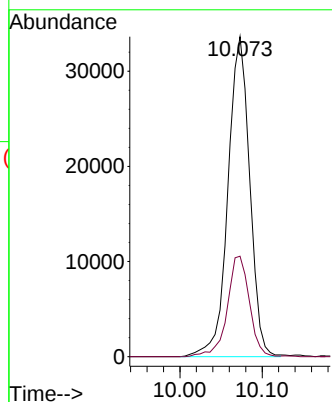
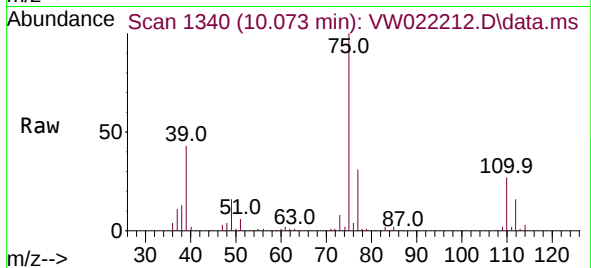
VSTD025574

Tgt Ion: 75 Resp: 61965

Ion Ratio Lower Upper

75 100

77 31.4 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 54.710 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

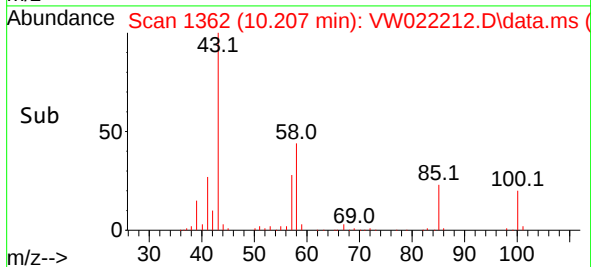
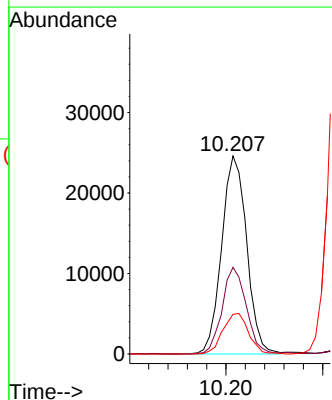
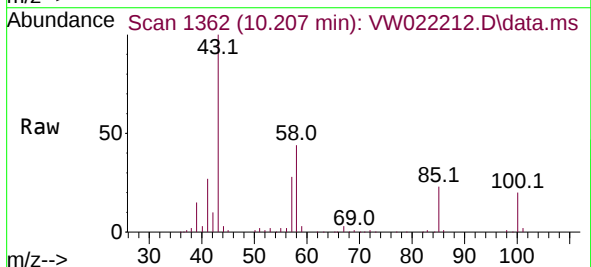
Tgt Ion: 43 Resp: 44171

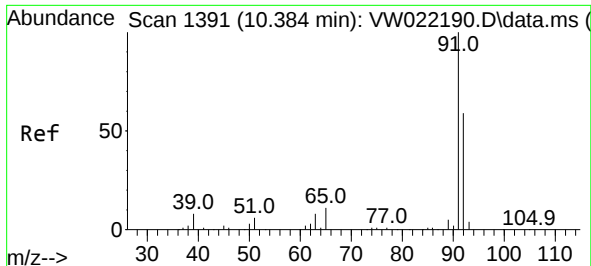
Ion Ratio Lower Upper

43 100

58 42.2 33.2 49.8

100 20.7 16.1 24.1

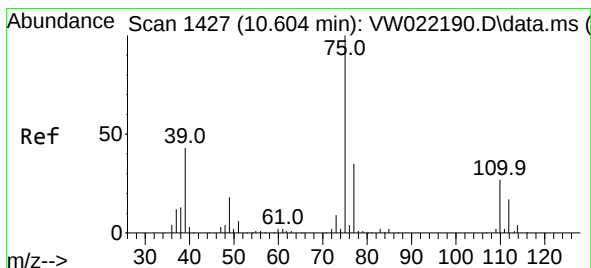
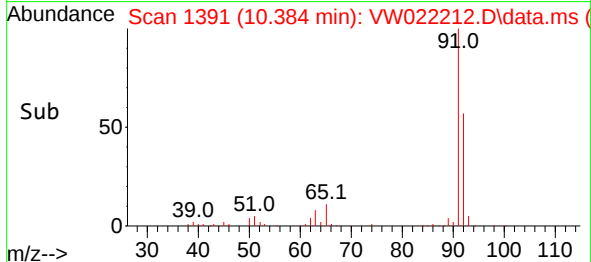
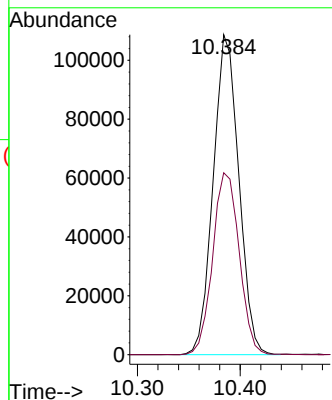
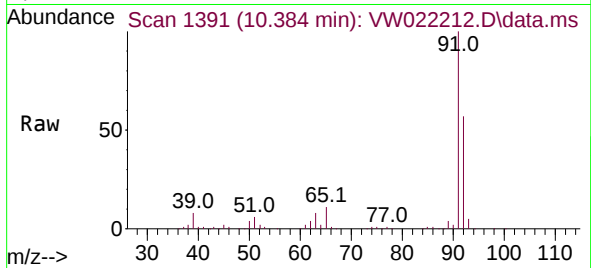




#42
Toluene
Concen: 25.935 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

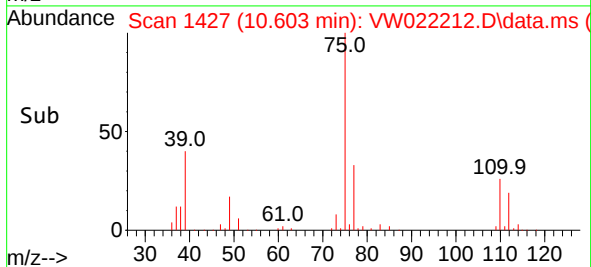
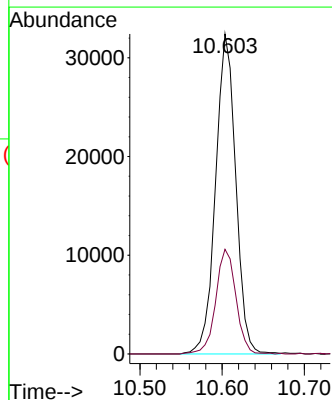
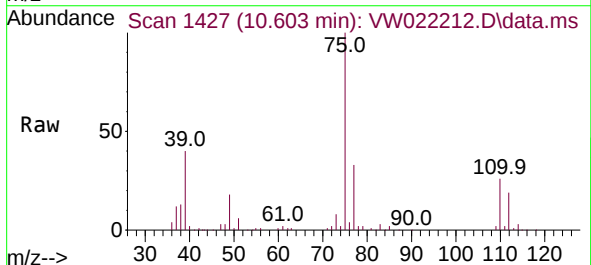
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

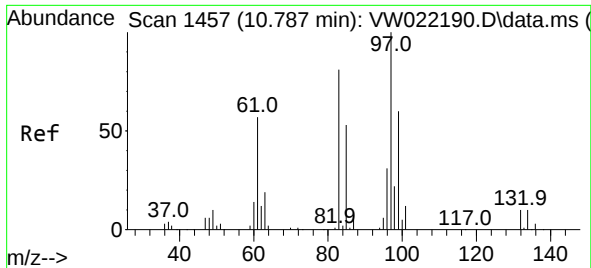
Tgt Ion: 91 Resp: 188111
Ion Ratio Lower Upper
91 100
92 56.8 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 27.078 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 75 Resp: 55297
Ion Ratio Lower Upper
75 100
77 32.7 22.0 40.8

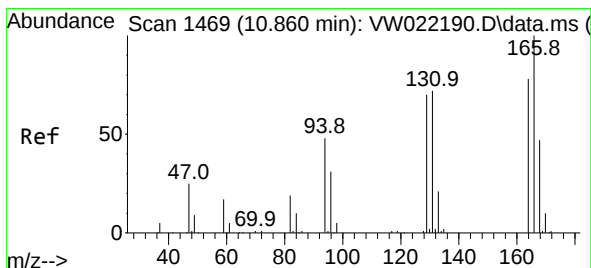
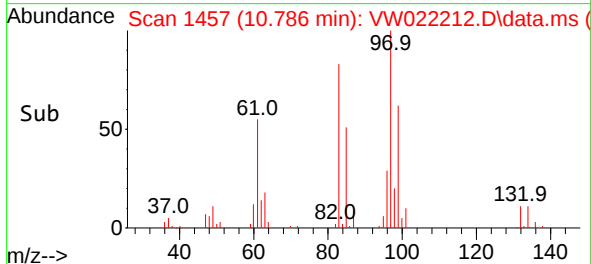
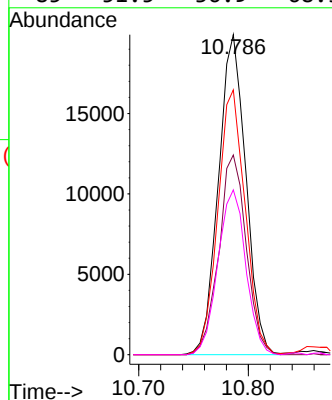
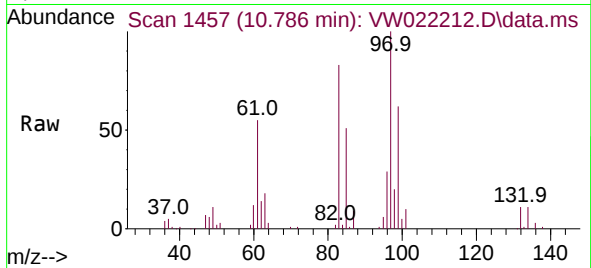




#45
1,1,2-Trichloroethane
Concen: 26.084 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

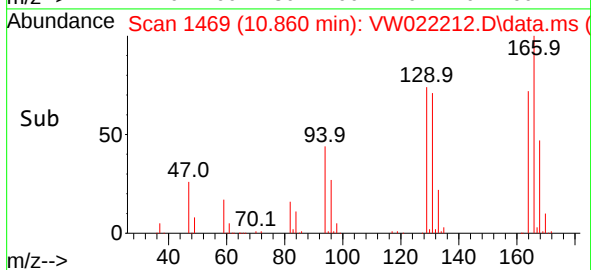
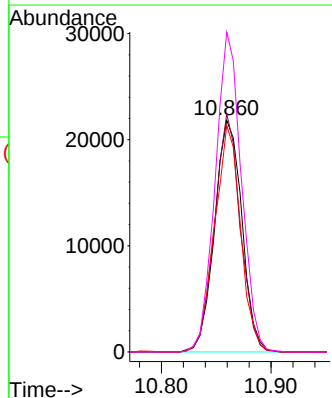
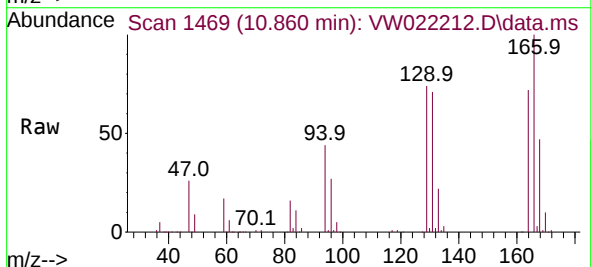
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

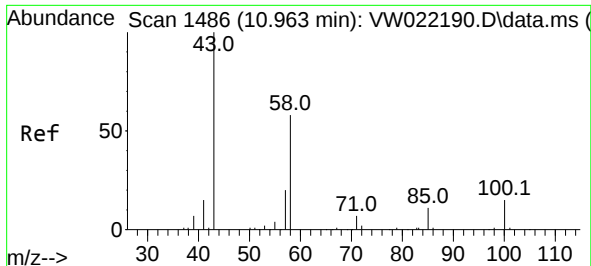
Tgt Ion: 97	Resp: 34580
Ion Ratio	Lower Upper
97 100	
99 62.4	43.5 80.7
83 82.8	53.5 99.3
85 51.5	36.9 68.5



#46
Tetrachloroethene
Concen: 23.432 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt	Ion:164	Resp:	37664
Ion	Ratio	Lower	Upper
164	100		
129	102.8	60.3	111.9
131	97.9	59.9	111.3
166	138.2	77.0	143.0

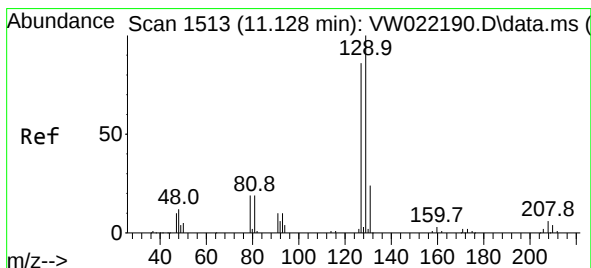
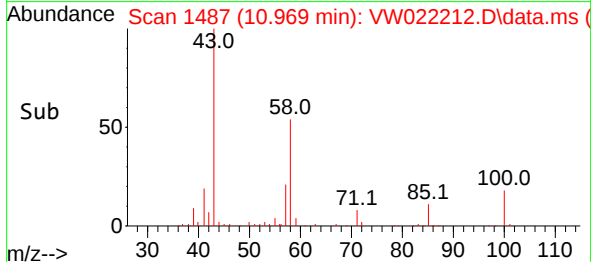
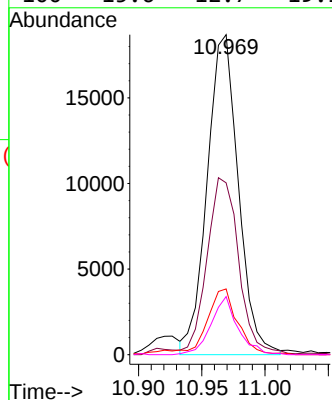
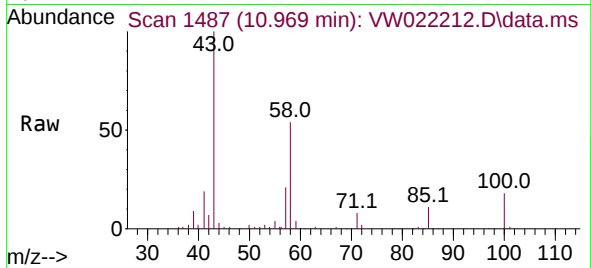




#48
2-Hexanone
Concen: 57.215 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

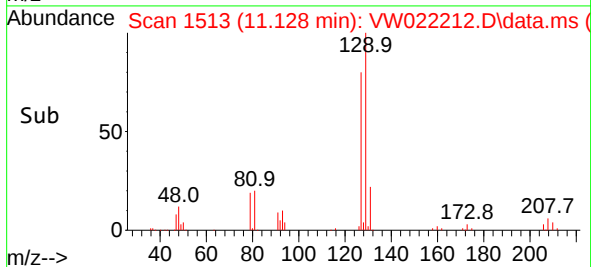
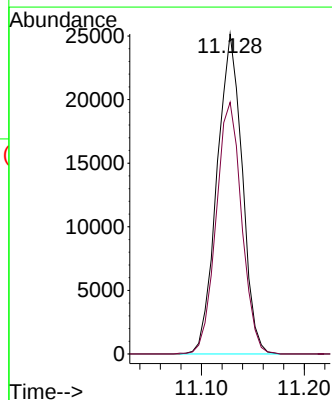
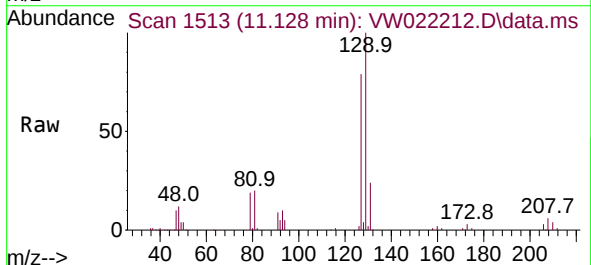
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

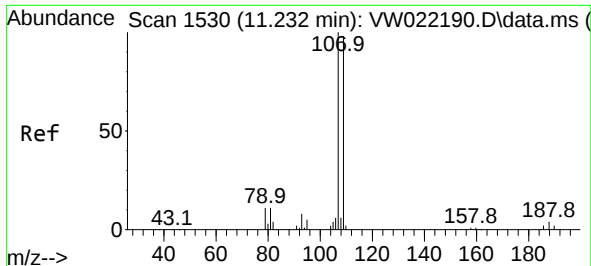
Tgt Ion: 43	Resp: 32061
Ion Ratio	Lower Upper
43 100	
58 56.3	44.6 66.8
57 18.5	15.8 23.8
100 15.6	12.7 19.1



#49
Dibromochloromethane
Concen: 26.590 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion:129	Resp:	42819	
Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.5	101.1





#50

1,2-Dibromoethane

Concen: 25.821 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

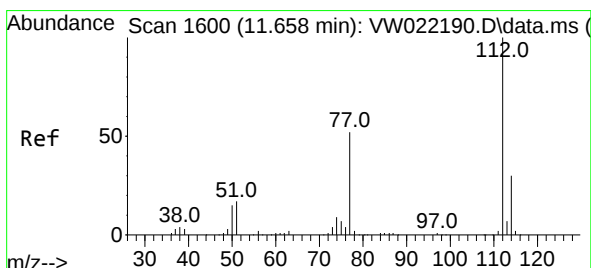
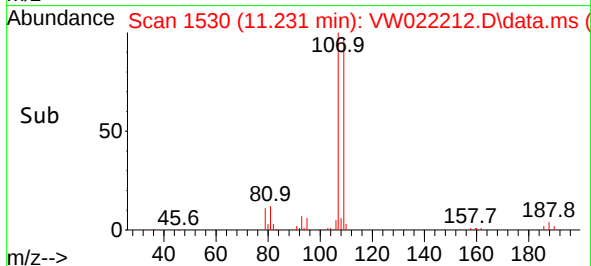
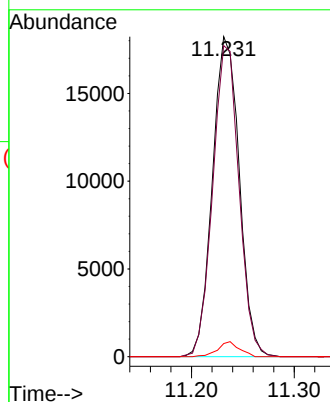
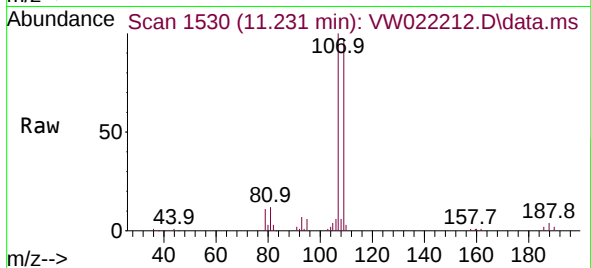
Tgt Ion:107 Resp: 33018

Ion Ratio Lower Upper

107 100

109 97.2 66.8 124.2

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 25.868 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

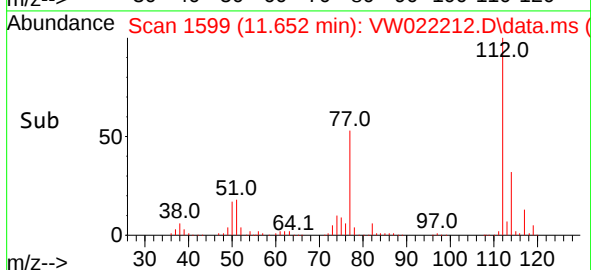
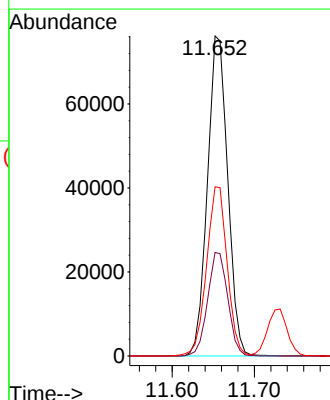
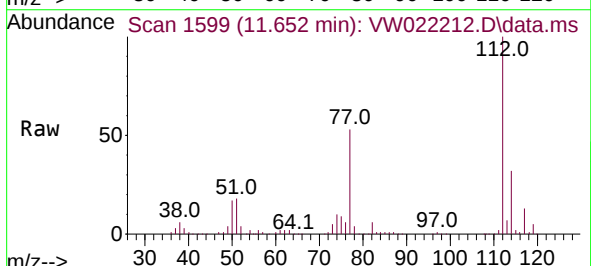
Tgt Ion:112 Resp: 130576

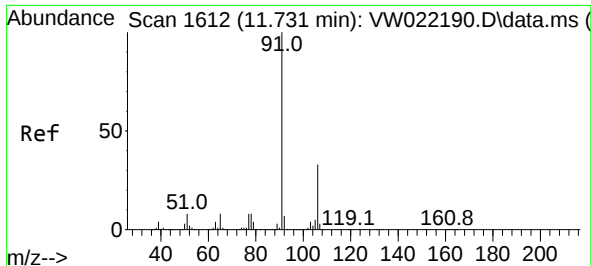
Ion Ratio Lower Upper

112 100

114 32.4 23.0 42.8

77 52.9 41.8 62.6

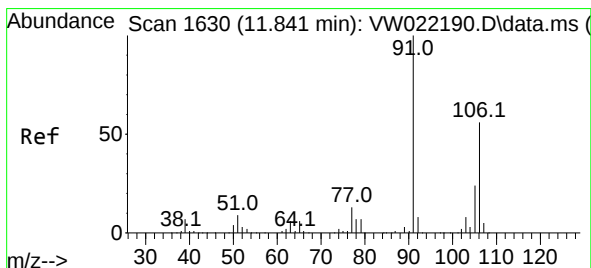
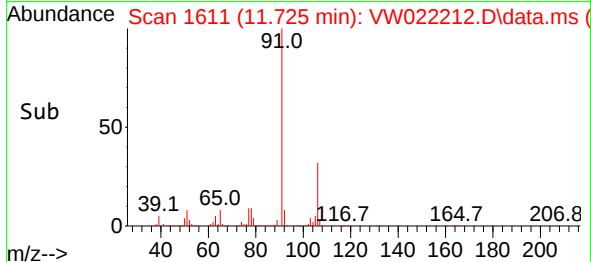
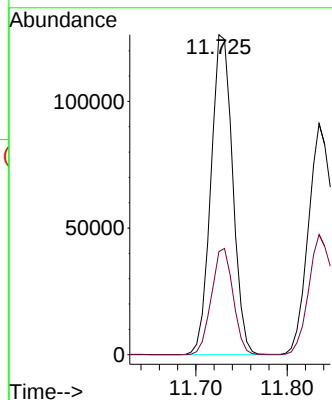
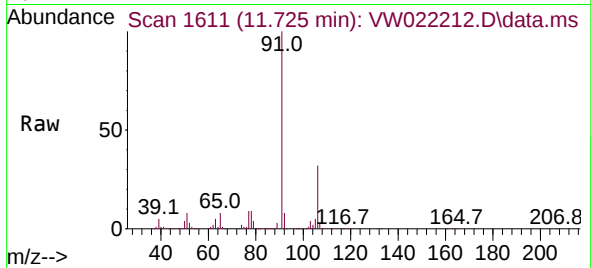




#52
Ethylbenzene
Concen: 26.021 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

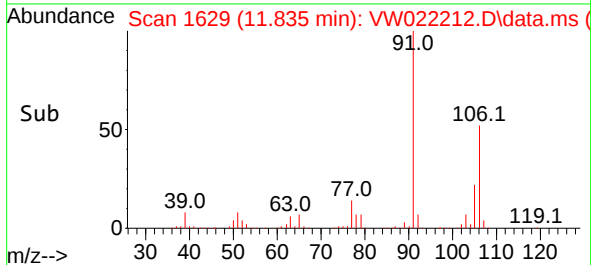
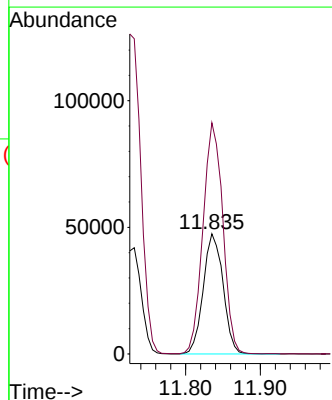
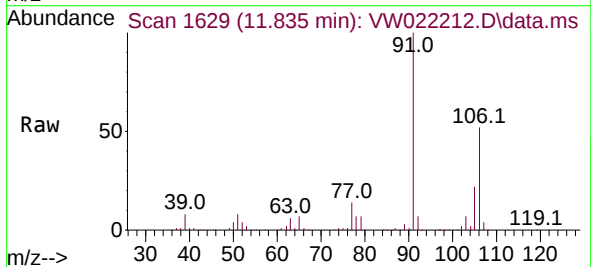
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

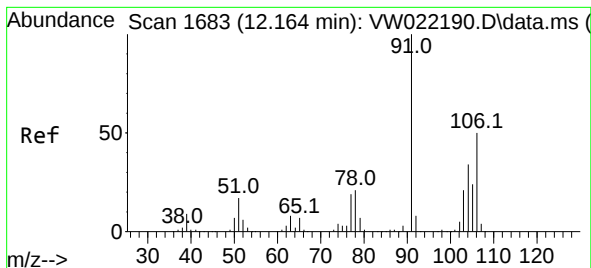
Tgt Ion: 91 Resp: 208876
Ion Ratio Lower Upper
91 100
106 32.2 22.8 42.4



#53
m,p-Xylene
Concen: 26.442 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 106 Resp: 87337
Ion Ratio Lower Upper
106 100
91 192.4 135.0 250.8





#54

o-Xylene

Concen: 26.882 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

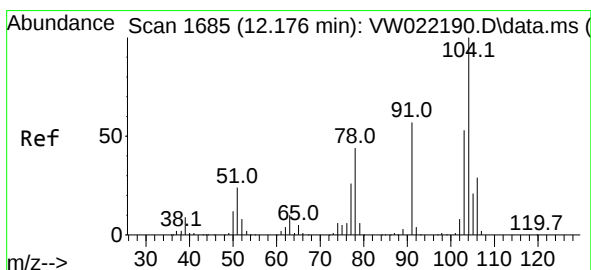
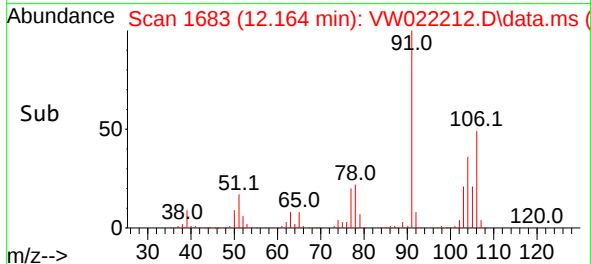
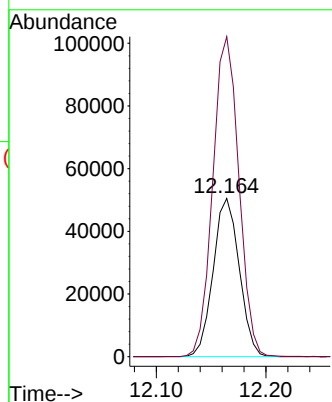
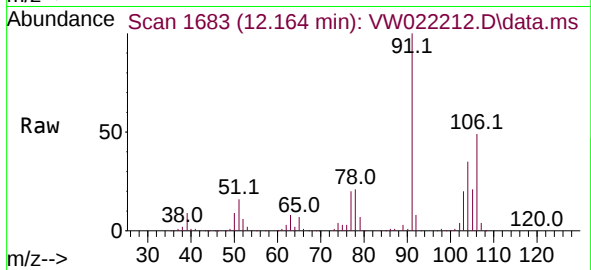
VSTD025574

Tgt Ion:106 Resp: 83545

Ion Ratio Lower Upper

106 100

91 202.1 136.9 254.3



#55

Styrene

Concen: 27.466 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022212.D

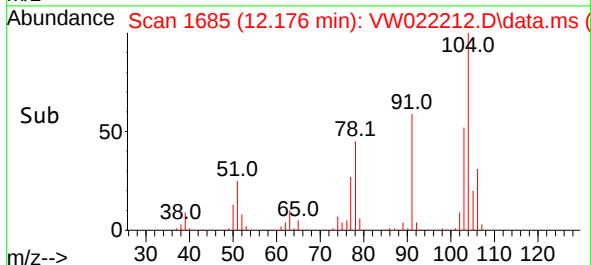
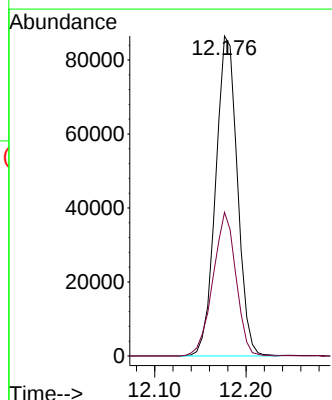
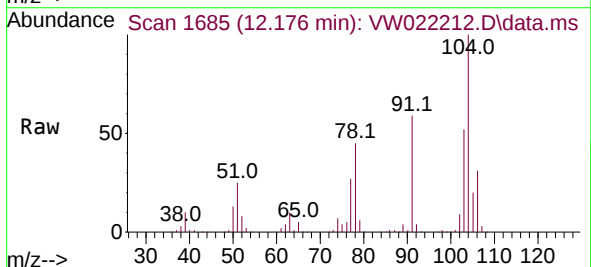
Acq: 07 Mar 2022 19:40

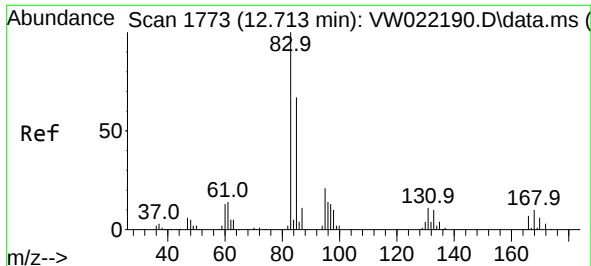
Tgt Ion:104 Resp: 143103

Ion Ratio Lower Upper

104 100

78 44.9 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.268 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

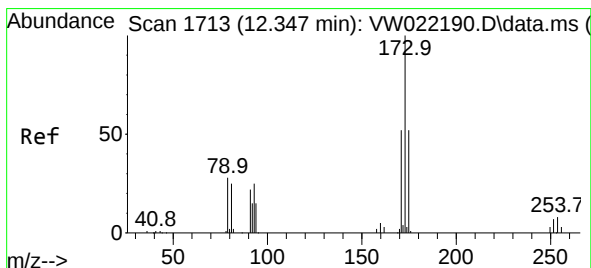
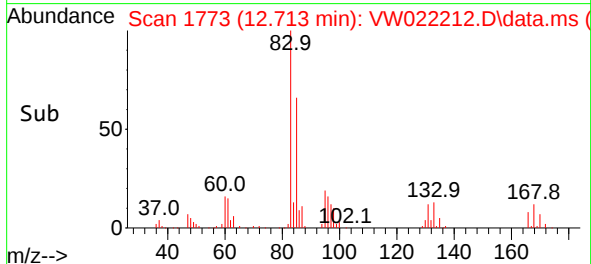
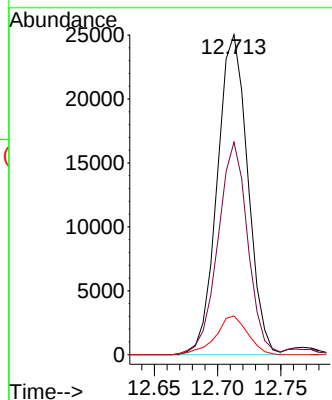
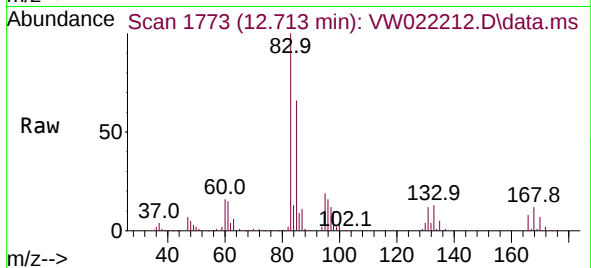
Tgt Ion: 83 Resp: 41943

Ion Ratio Lower Upper

83 100

85 66.4 44.2 82.0

131 12.1 9.4 14.0



#59

Bromoform

Concen: 24.855 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

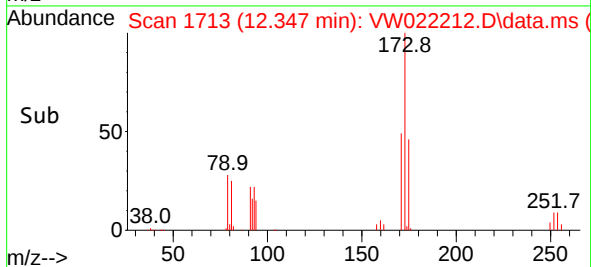
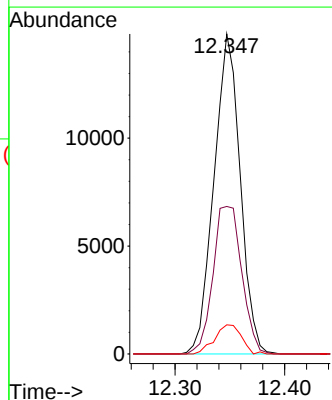
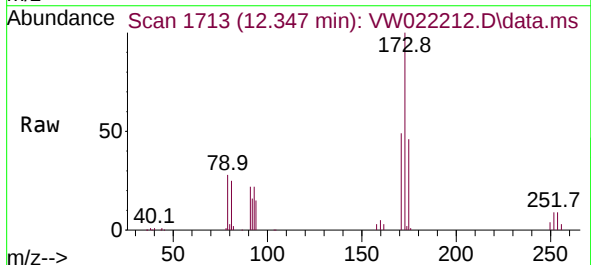
Tgt Ion:173 Resp: 24634

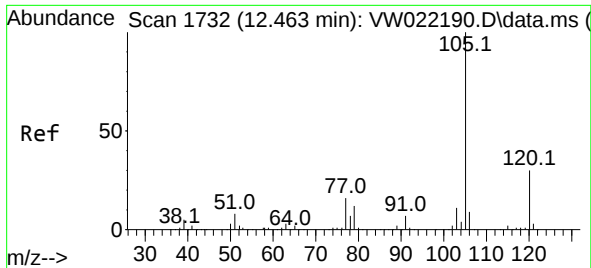
Ion Ratio Lower Upper

173 100

175 50.7 38.2 57.4

254 9.1 5.0 7.6#

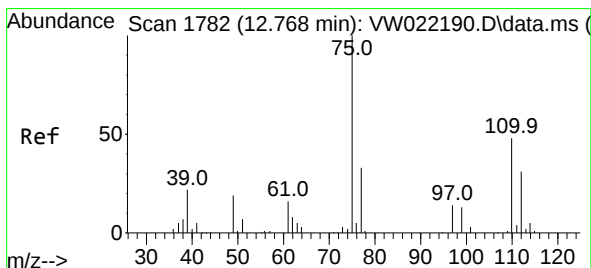
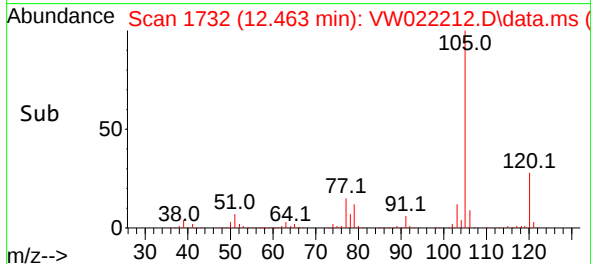
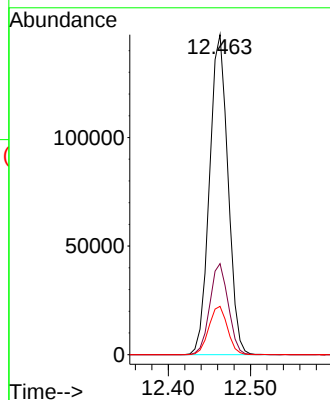
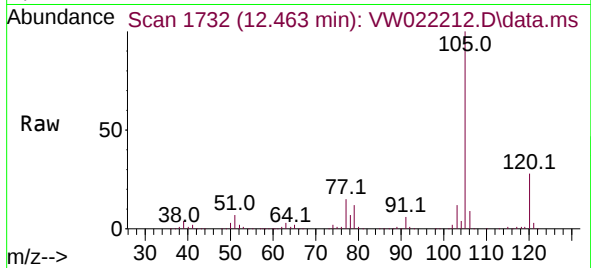




#60
Isopropylbenzene
Concen: 25.525 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

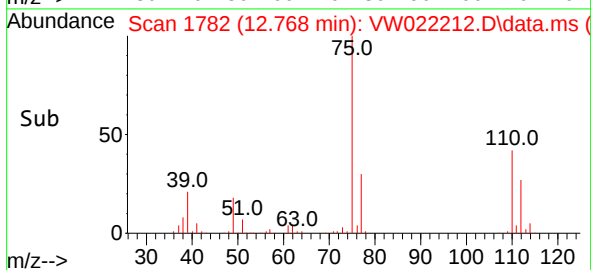
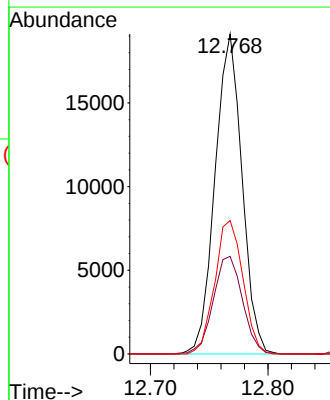
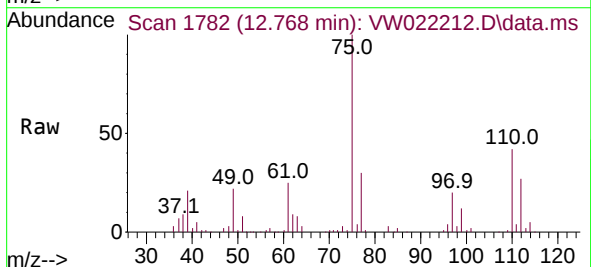
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

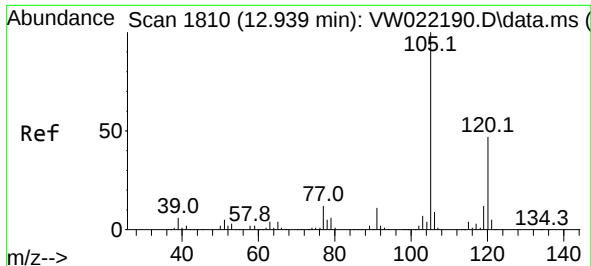
Tgt Ion:105 Resp: 229648
Ion Ratio Lower Upper
105 100
120 28.5 22.1 33.1
77 15.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 25.784 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 75 Resp: 30499
Ion Ratio Lower Upper
75 100
77 33.1 27.1 40.7
110 43.5 36.7 55.1

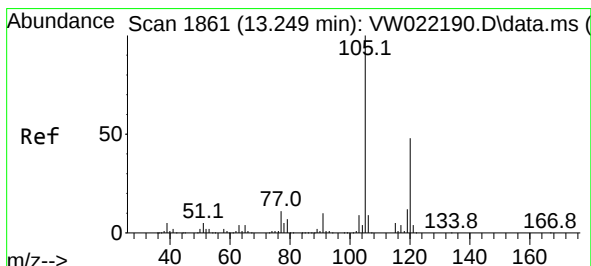
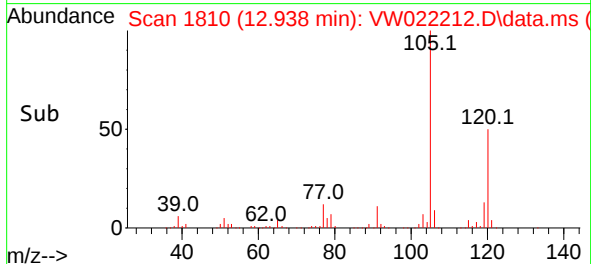
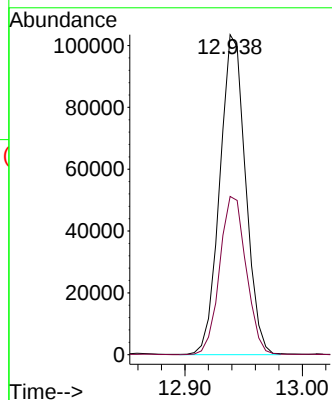
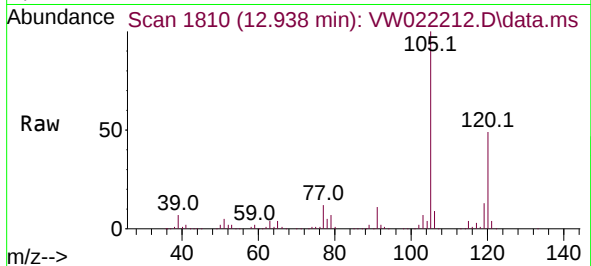




#62
1,3,5-Trimethylbenzene
Concen: 26.388 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

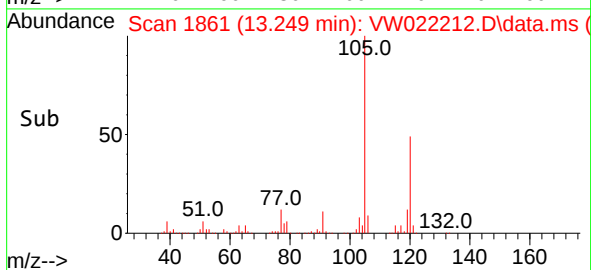
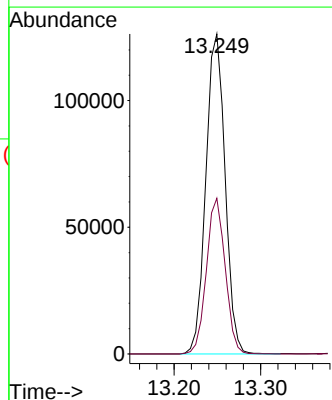
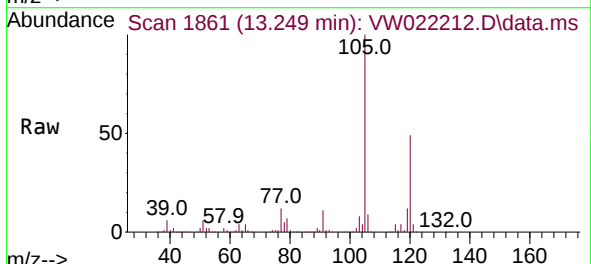
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

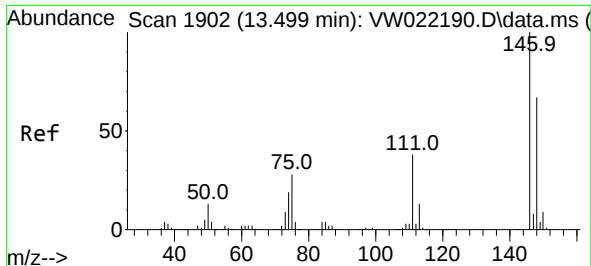
Tgt Ion:105 Resp: 157869
Ion Ratio Lower Upper
105 100
120 50.8 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 26.651 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion:105 Resp: 194853
Ion Ratio Lower Upper
105 100
120 47.5 39.2 58.8

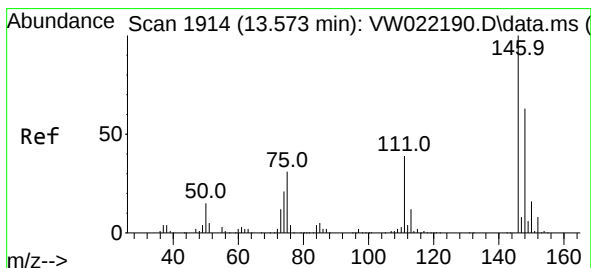
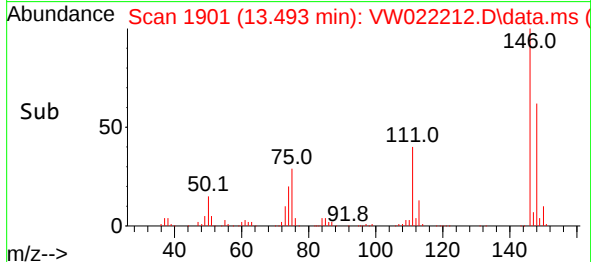
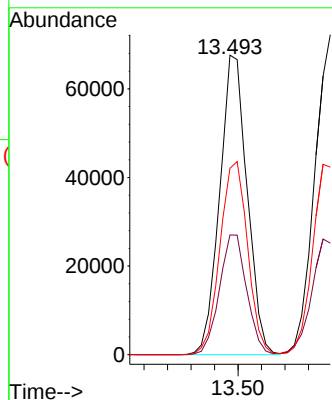
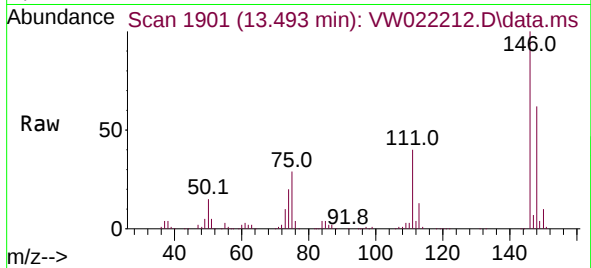




#64
1,3-Dichlorobenzene
Concen: 24.625 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

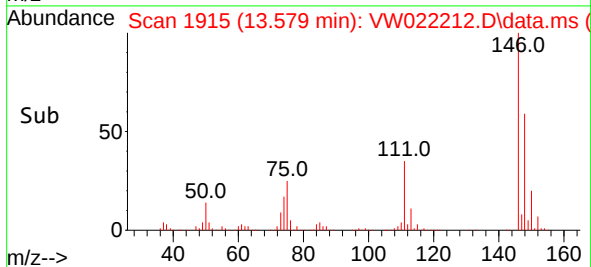
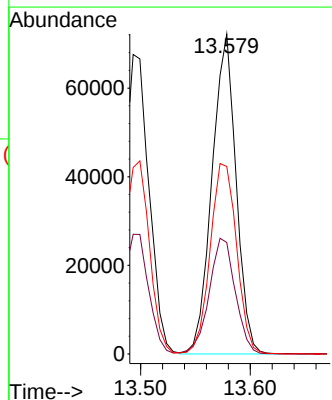
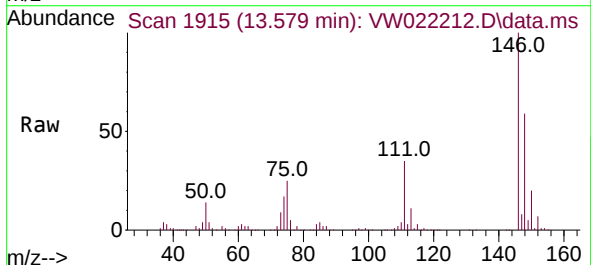
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

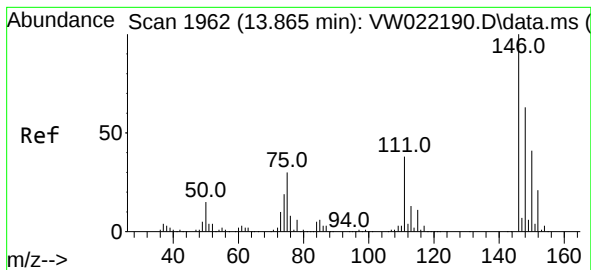
Tgt Ion:146 Resp: 109900
Ion Ratio Lower Upper
146 100
111 39.9 26.9 49.9
148 62.2 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.707 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion:146 Resp: 110501
Ion Ratio Lower Upper
146 100
111 34.8 27.5 51.1
148 58.6 42.9 79.7

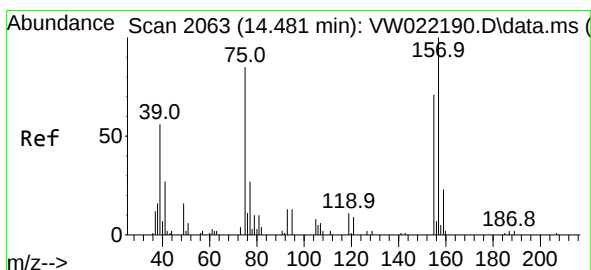
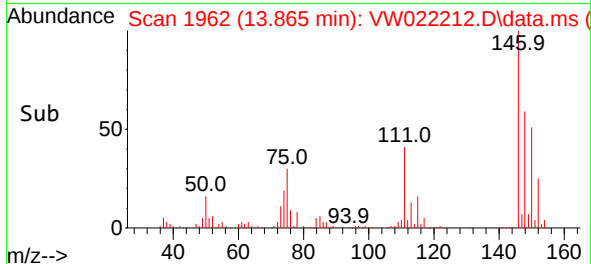
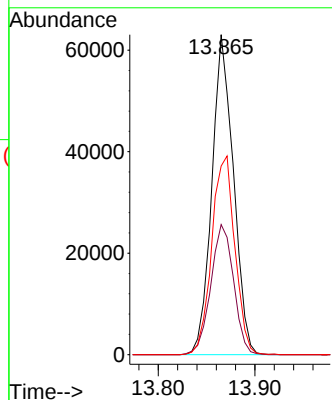
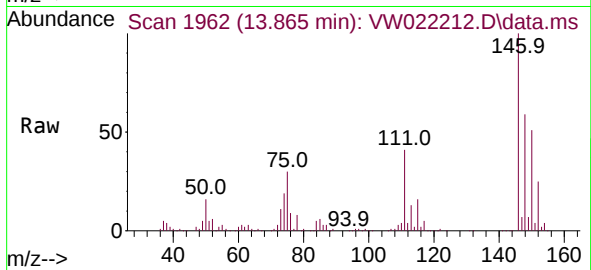




#67
1,2-Dichlorobenzene
Concen: 24.631 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

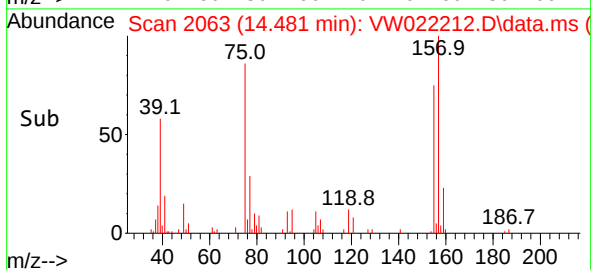
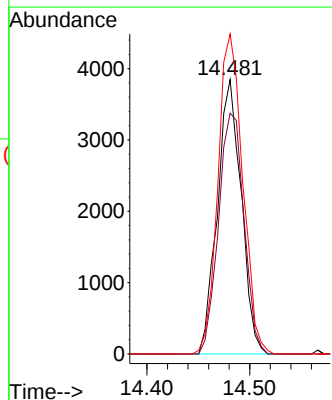
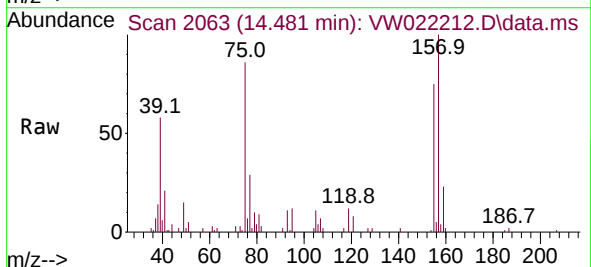
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

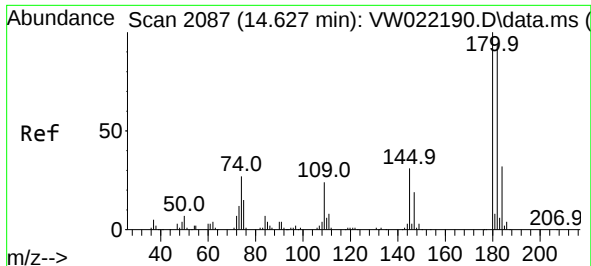
Tgt Ion:146 Resp: 97737
Ion Ratio Lower Upper
146 100
111 40.7 34.8 52.2
148 58.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 24.730 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion: 75 Resp: 6184
Ion Ratio Lower Upper
75 100
155 87.8 58.2 87.2#
157 116.6 80.5 120.7

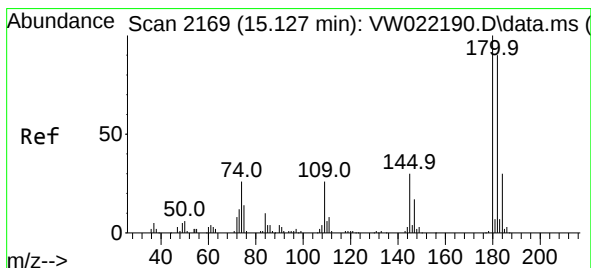
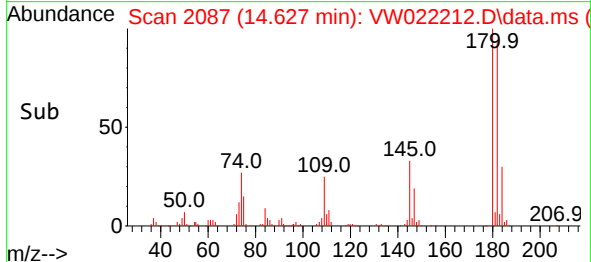
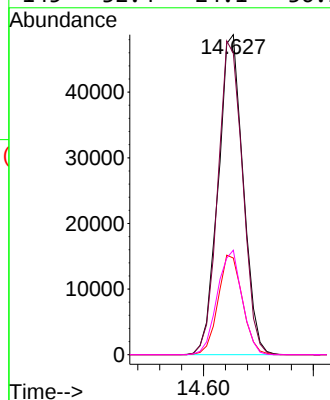
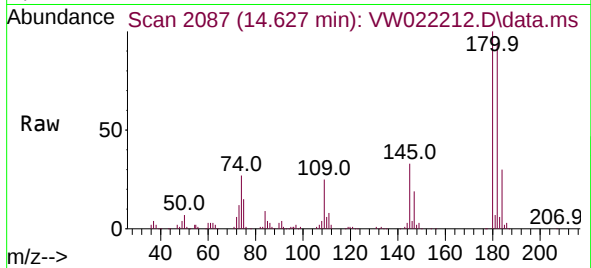




#69
1,3,5-Trichlorobenzene
Concen: 24.087 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

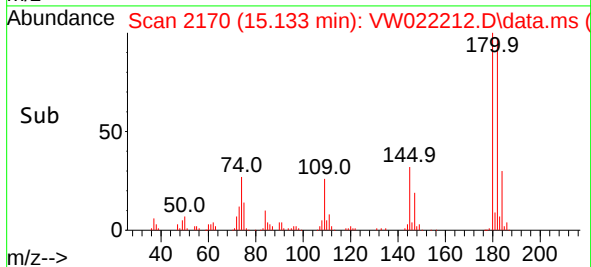
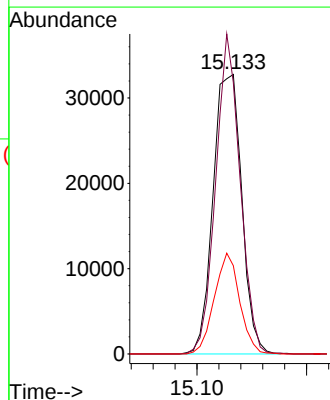
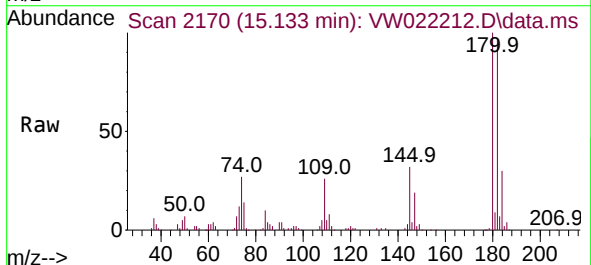
Instrument :
MSVOA_W
ClientSampleId :
VSTD025574

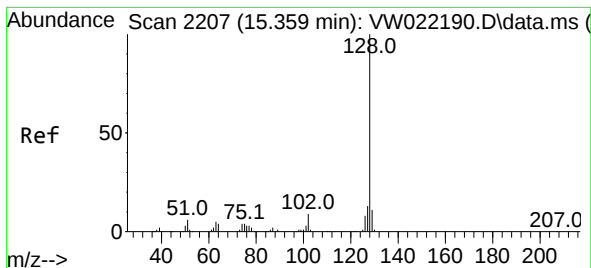
Tgt Ion:180	Resp:	77159
Ion Ratio	Lower	Upper
180	100	
182	97.2	69.4 104.0
184	30.3	21.8 32.8
145	32.4	24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 24.564 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW022212.D
Acq: 07 Mar 2022 19:40

Tgt Ion:180	Resp:	59537
Ion Ratio	Lower	Upper
180	100	
182	97.2	77.8 116.6
145	31.8	25.8 38.6





#71

Naphthalene

Concen: 26.648 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025574

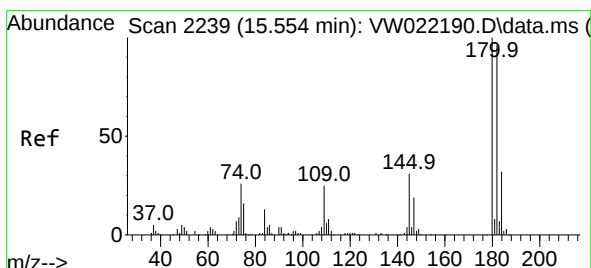
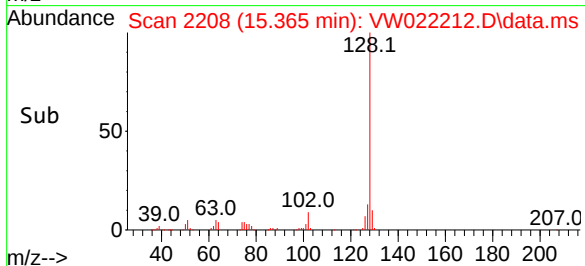
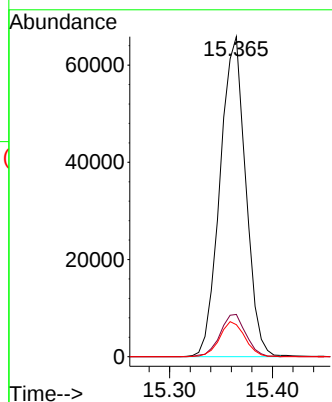
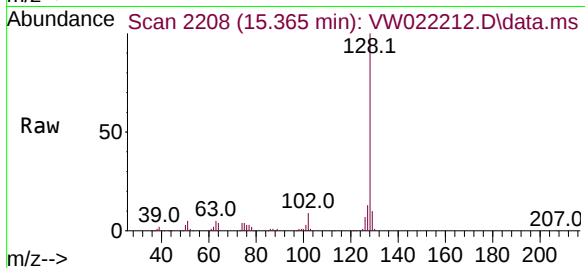
Tgt Ion:128 Resp: 114019

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.6

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.379 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW022212.D

Acq: 07 Mar 2022 19:40

Tgt Ion:180 Resp: 53206

Ion Ratio Lower Upper

180 100

182 89.8 79.0 118.4

145 34.4 28.0 42.0

