

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021180.D
 Acq On : 06 Dec 2021 19:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025513

Quant Time: Dec 07 01:54:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	112999	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	110529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68035	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41685	26.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.920%	
7) Chloroethane-d5	2.879	69	27573	26.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.640%	
11) 1,1-Dichloroethene-d2	4.019	63	58010	23.065	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.240%	
21) 2-Butanone-d5	7.074	46	19264	53.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 107.280%	
24) Chloroform-d	7.647	84	71486	25.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.040%	
26) 1,2-Dichloroethane-d4	8.305	65	40471	26.141	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.560%	
32) Benzene-d6	8.275	84	135612	23.996	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.000%	
36) 1,2-Dichloropropane-d6	9.274	67	38158	24.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.200%	
41) Toluene-d8	10.323	98	134302	23.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 92.720%	
43) trans-1,3-Dichloroprop...	10.579	79	18305	25.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.680%	
47) 2-Hexanone-d5	10.920	63	16497	54.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.800%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39502	27.187	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.760%	
66) 1,2-Dichlorobenzene-d4	13.853	152	57295	23.504	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	17481	31.671	ug/L	98
3) Chloromethane	2.215	50	33799	27.353	ug/L	100
5) Vinyl chloride	2.355	62	55075	25.657	ug/L	98
6) Bromomethane	2.776	94	36046	25.255	ug/L	97
8) Chloroethane	2.916	64	22632	25.298	ug/L	99
9) Trichlorofluoromethane	3.251	101	20838	20.104	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	37983	23.412	ug/L	91
12) 1,1-Dichloroethene	4.038	96	33144	22.597	ug/L	84
13) Acetone	4.123	43	13526	41.350	ug/L	91
14) Carbon disulfide	4.379	76	91773	22.542	ug/L	100
15) Methyl Acetate	4.665	43	15002	25.293	ug/L	# 90
16) Methylene chloride	4.915	84	36198	20.333	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	36735	23.523	ug/L	82
18) Methyl tert-butyl Ether	5.421	73	57603	24.439	ug/L	94
19) 1,1-Dichloroethane	6.214	63	58997	23.824	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	40074	24.188	ug/L	75
22) 2-Butanone	7.171	43	20563	45.424	ug/L	88
23) Bromochloromethane	7.506	128	19229	24.805	ug/L	# 66
25) Chloroform	7.677	83	68163	24.521	ug/L	98

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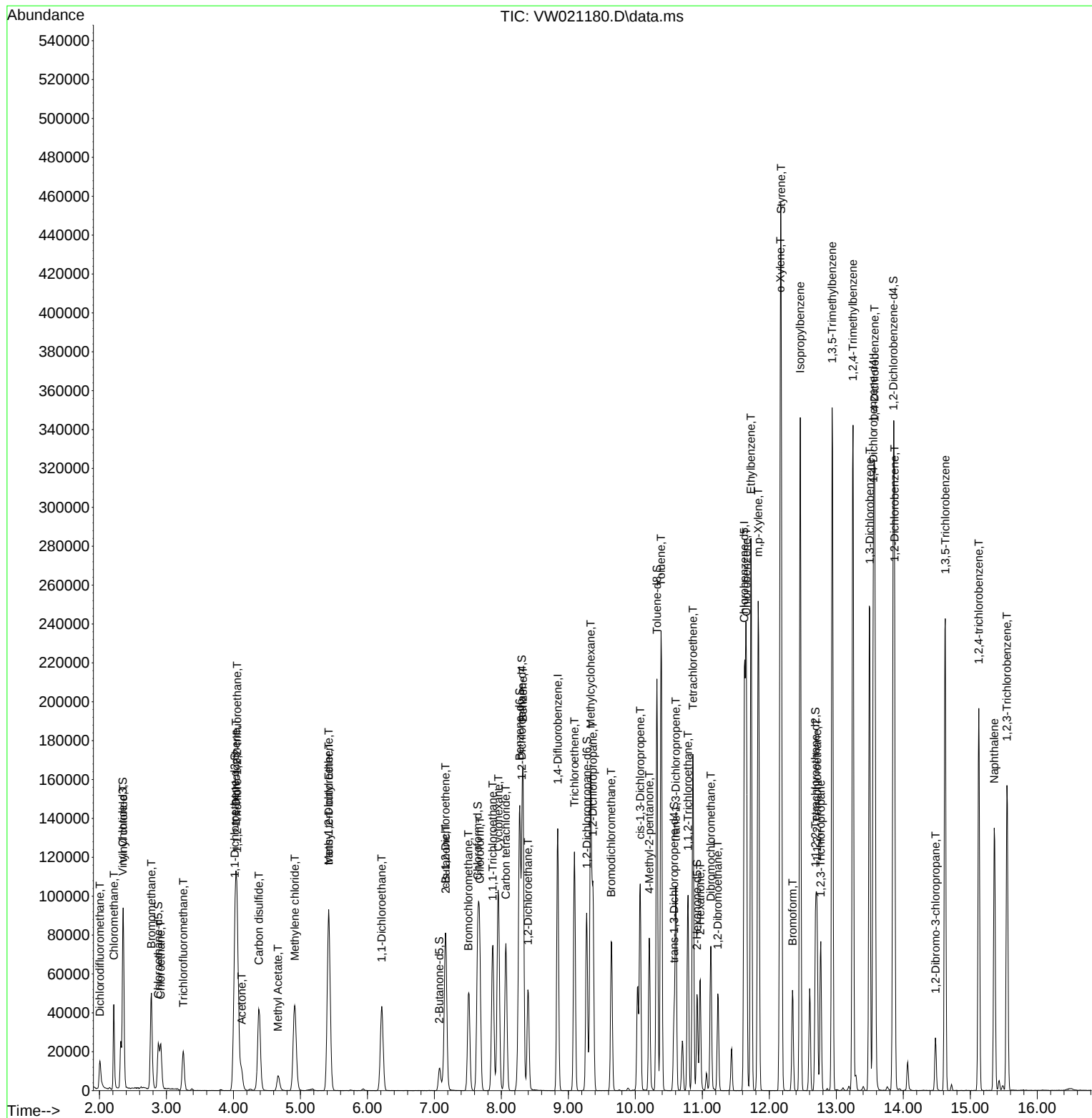
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27) 1,2-Dichloroethane	8.396	62	47052	25.876	ug/L	98
29) Cyclohexane	7.958	56	54720	22.442	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	59904	23.245	ug/L	95
31) Carbon tetrachloride	8.067	117	55146	23.028	ug/L	99
33) Benzene	8.323	78	142571	22.683	ug/L	100
34) Trichloroethene	9.091	95	40700	23.471	ug/L	92
35) Methylcyclohexane	9.335	83	65234	22.350	ug/L	85
37) 1,2-Dichloropropane	9.366	63	33248	23.404	ug/L #	96
38) Bromodichloromethane	9.640	83	48697	24.385	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	56039	24.388	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	47200	48.772	ug/L #	93
42) Toluene	10.384	91	171310	23.862	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	52607	25.305	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	29786	25.009	ug/L	95
46) Tetrachloroethene	10.859	164	38052	23.965	ug/L	94
48) 2-Hexanone	10.969	43	35848	51.348	ug/L #	93
49) Dibromochloromethane	11.128	129	37262	25.032	ug/L	99
50) 1,2-Dibromoethane	11.231	107	30836	25.388	ug/L	94
51) Chlorobenzene	11.658	112	115411	24.059	ug/L	92
52) Ethylbenzene	11.725	91	195136	24.144	ug/L	100
53) m,p-Xylene	11.835	106	80389	24.044	ug/L	93
54) o-Xylene	12.164	106	79271	25.147	ug/L	80
55) Styrene	12.176	104	139600	25.993	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	39021	27.239	ug/L #	98
59) Bromoform	12.347	173	22826	23.526	ug/L	99
60) Isopropylbenzene	12.463	105	219038	23.166	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	28977	25.425	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	187475	23.676	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	190866	23.967	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	102124	22.938	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	105070	23.351	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	94549	23.852	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	6207	24.118	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	75835	23.177	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	62014	23.065	ug/L	96
71) Naphthalene	15.359	128	116721	23.352	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	55587	23.689	ug/L	95

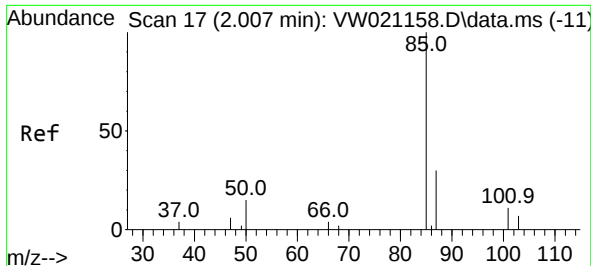
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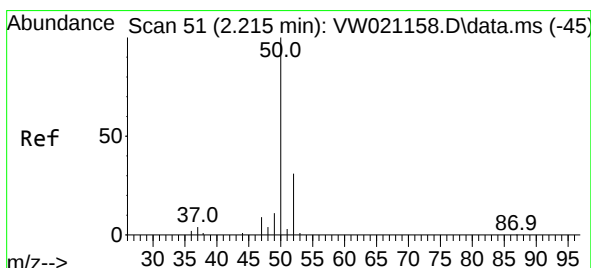
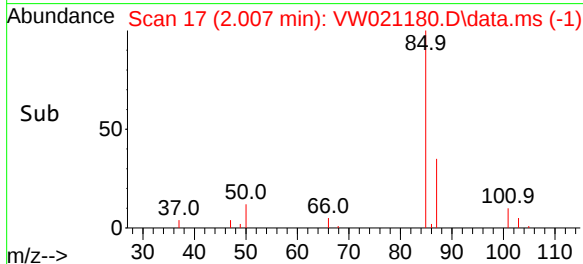
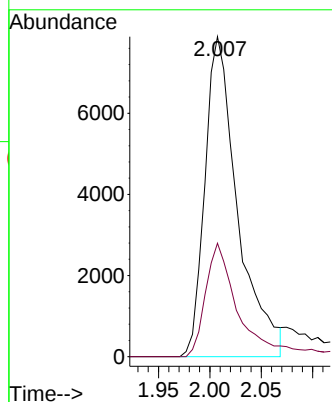
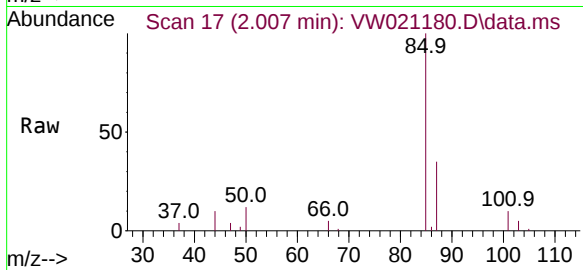




#2
 Dichlorodifluoromethane
 Concen: 31.671 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

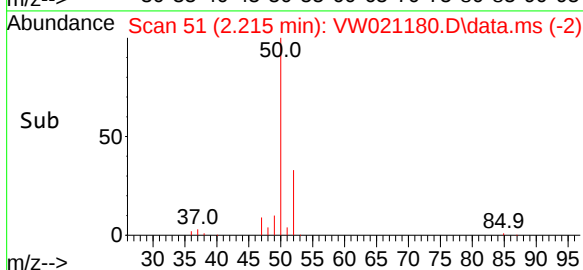
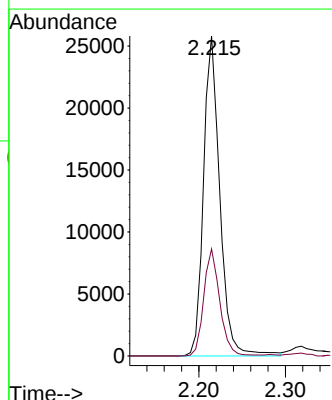
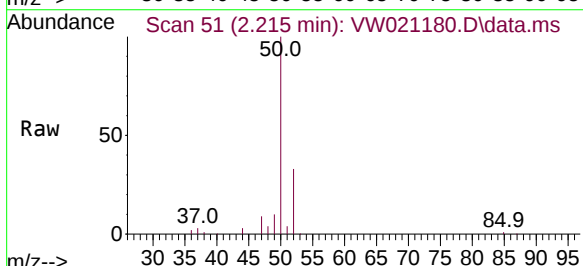
Instrument :
 MSVOA_W
 ClientSampleId :
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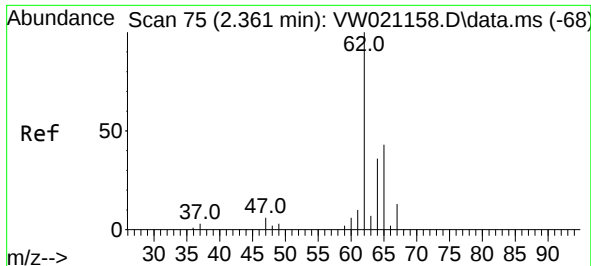
Tgt Ion: 85 Resp: 17481
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.8 38.6



#3
 Chloromethane
 Concen: 27.353 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

Tgt Ion: 50 Resp: 33799
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.6

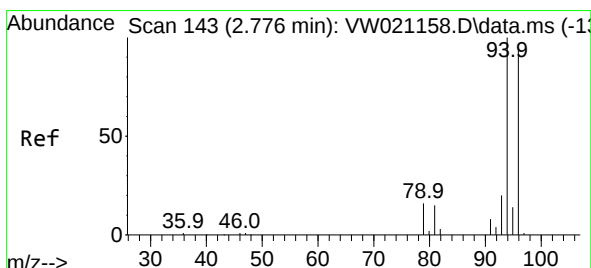
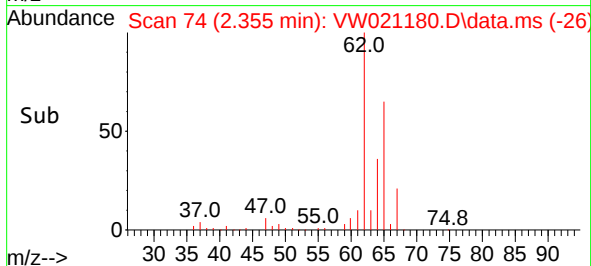
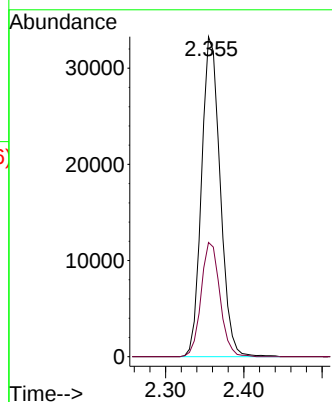
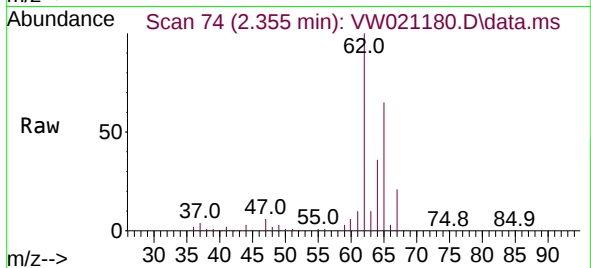




#5
 Vinyl chloride
 Concen: 25.657 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

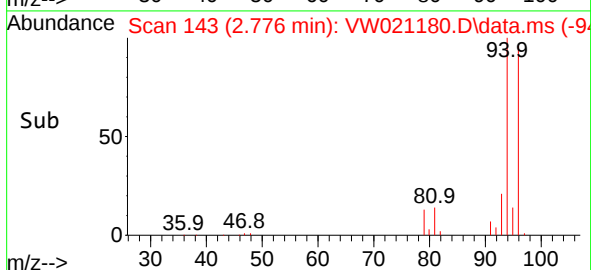
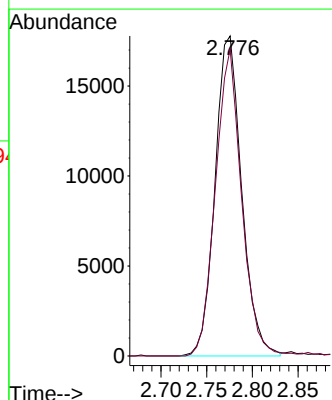
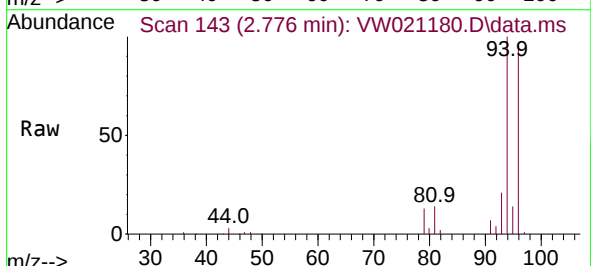
Instrument :
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 ClientSampleId :
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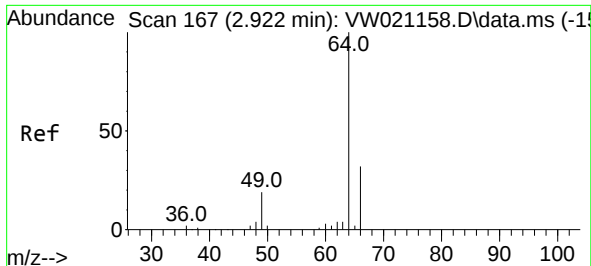
Tgt Ion: 62 Resp: 55075
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.4 45.2



#6
 Bromomethane
 Concen: 25.255 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

Tgt Ion: 94 Resp: 36046
 Ion Ratio Lower Upper
 94 100
 96 95.9 64.8 120.4

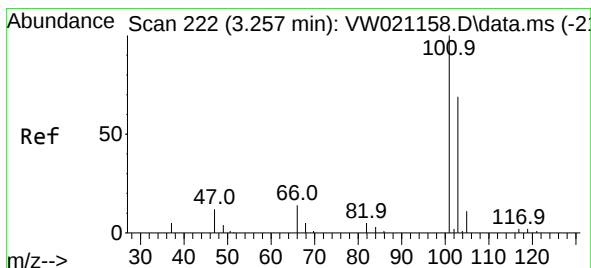
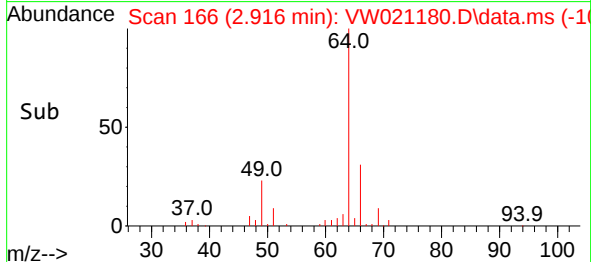
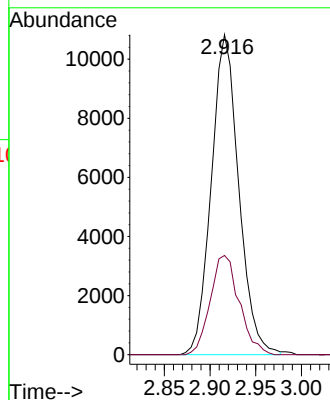
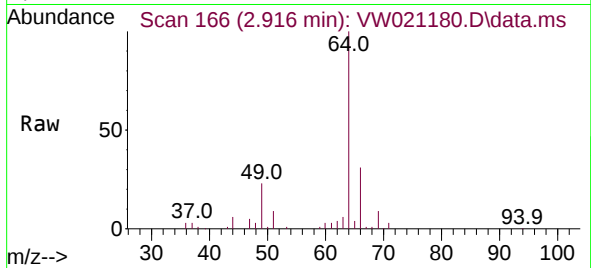




#8
Chloroethane
Concen: 25.298 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

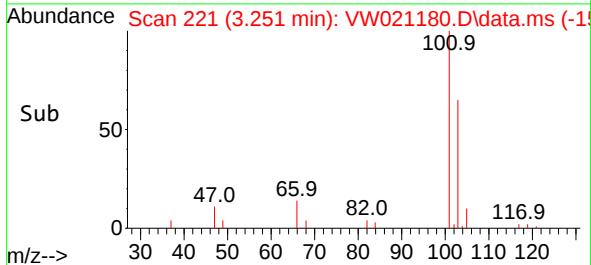
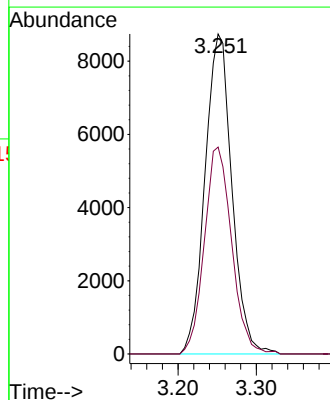
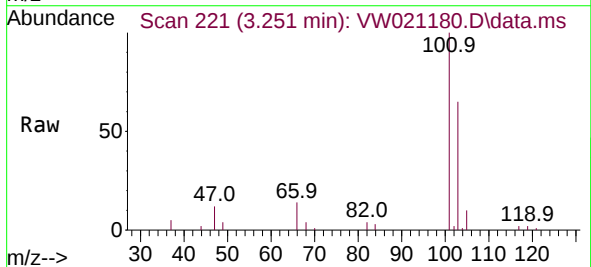
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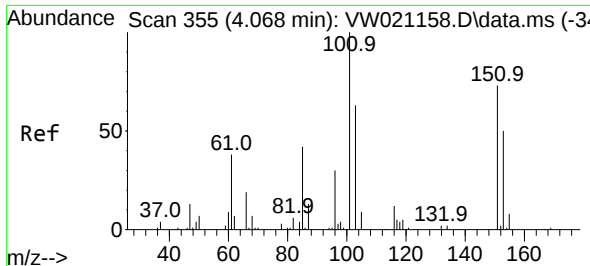
Tgt Ion: 64 Resp: 22632
Ion Ratio Lower Upper
64 100
66 31.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 20.104 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 101 Resp: 20838
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

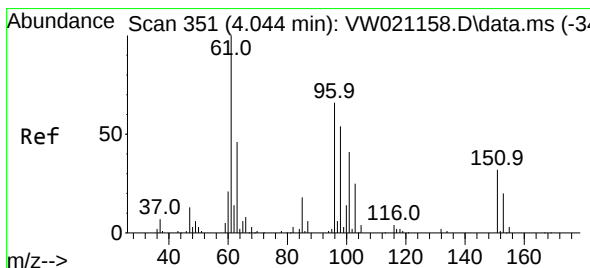
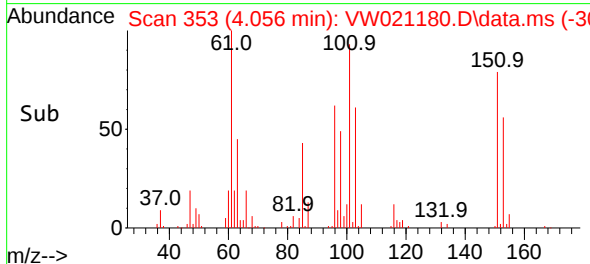
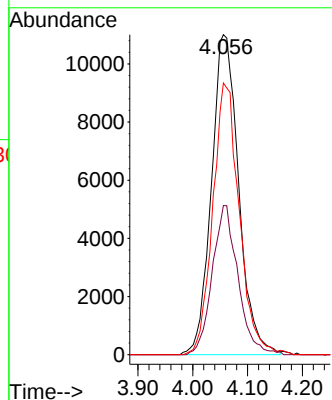
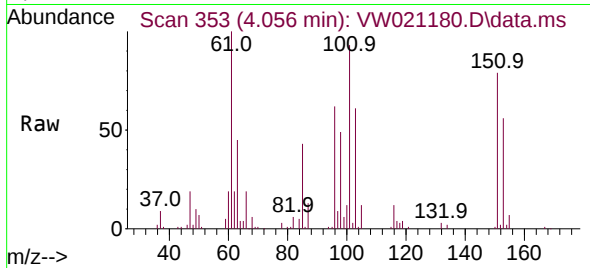




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.412 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

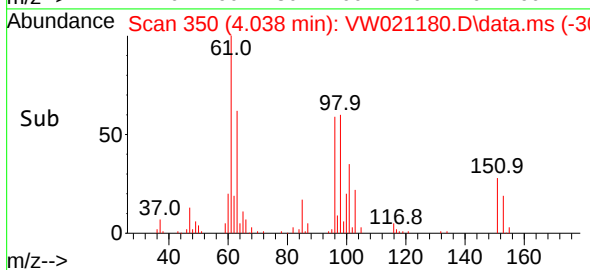
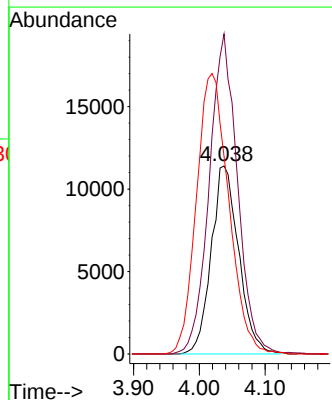
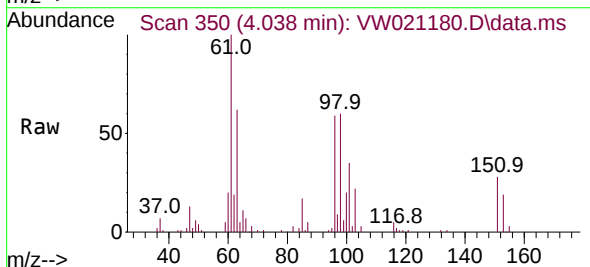
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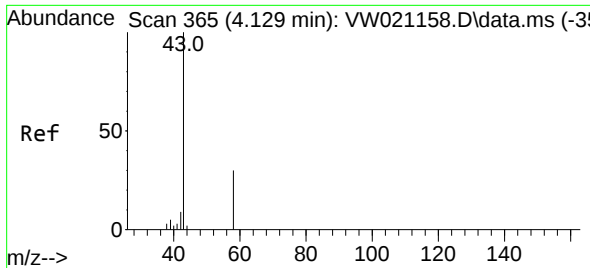
Tgt Ion:101 Resp: 37983
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.6 54.8
 151 82.3 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 22.597 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

Tgt Ion: 96 Resp: 33144
 Ion Ratio Lower Upper
 96 100
 61 170.1 138.3 256.9
 63 105.1 82.6 153.4





#13

Acetone

Concen: 41.350 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

Instrument :

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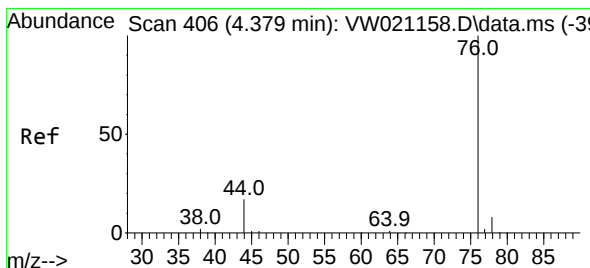
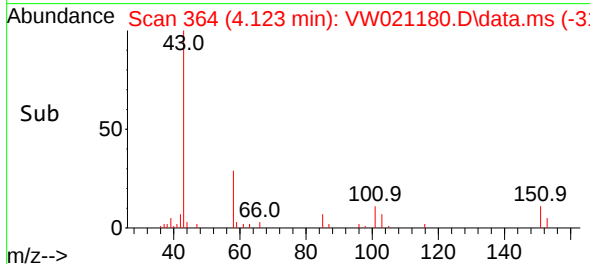
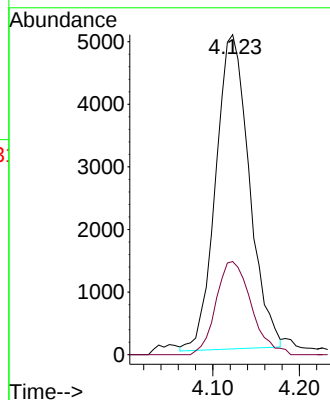
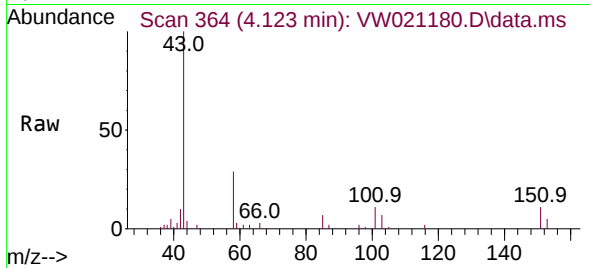
VSTD025513

Tgt Ion: 43 Resp: 13526

Ion Ratio Lower Upper

43 100

58 30.8 0.0 52.8



#14

Carbon disulfide

Concen: 22.542 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

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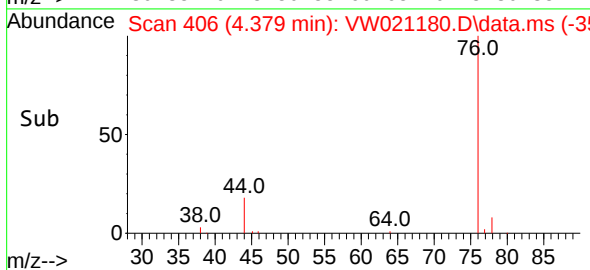
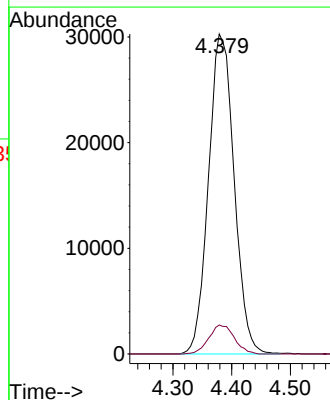
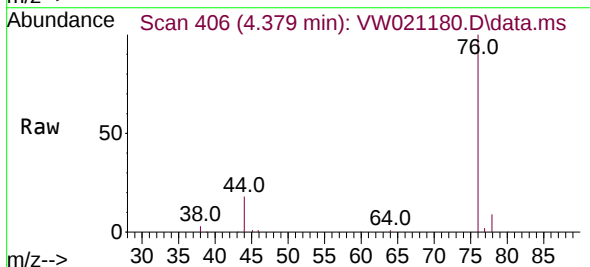
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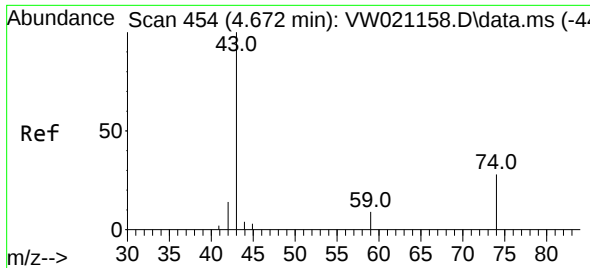
Tgt Ion: 76 Resp: 91773

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

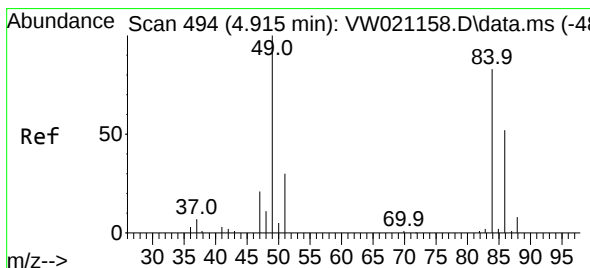
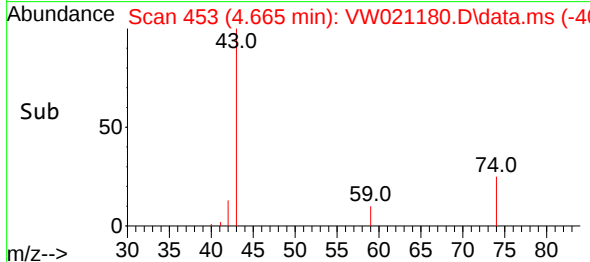
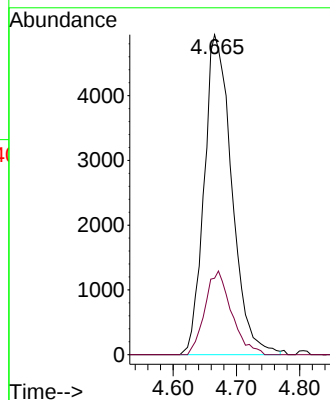
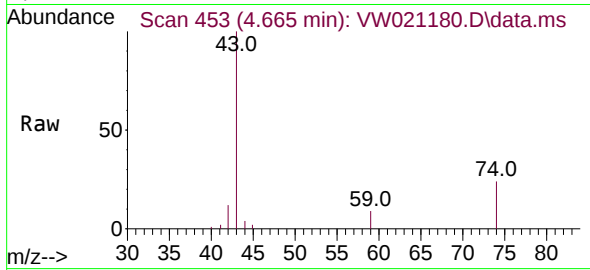




#15
Methyl Acetate
Concen: 25.293 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

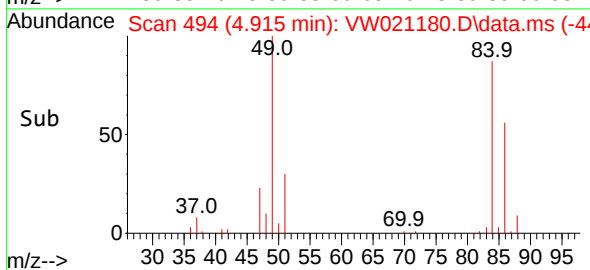
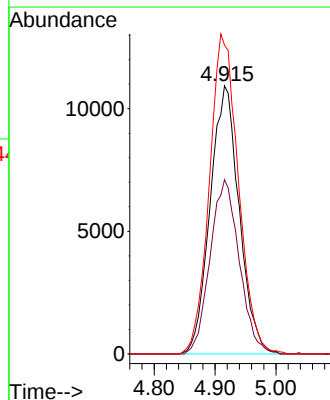
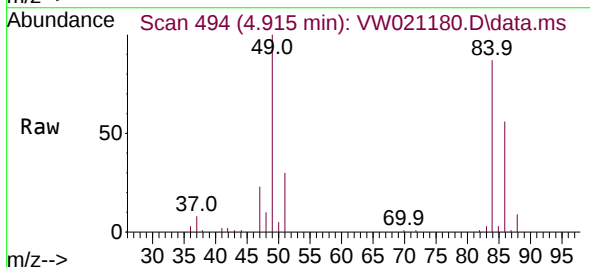
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

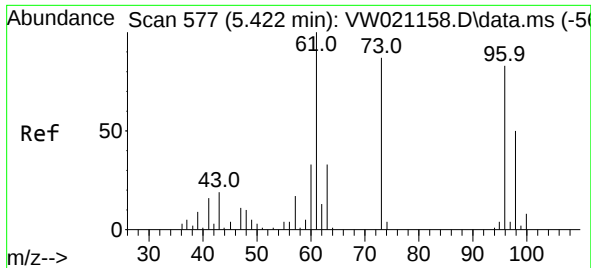
Tgt Ion: 43 Resp: 15002
Ion Ratio Lower Upper
43 100
74 25.1 16.4 24.6#



#16
Methylene chloride
Concen: 20.333 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 84 Resp: 36198
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 115.3 100.5 186.7

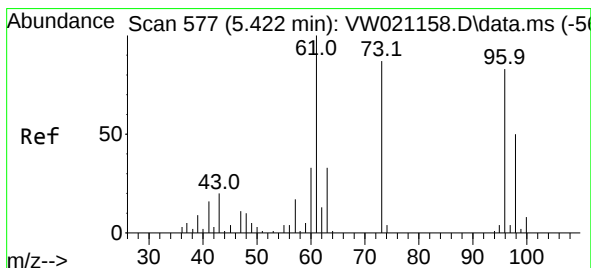
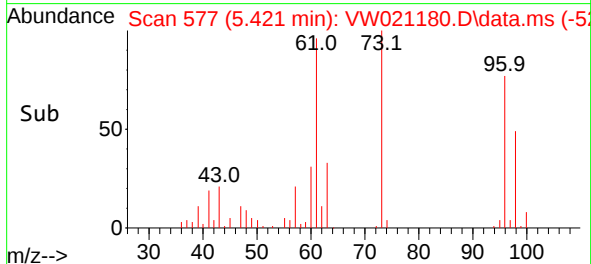
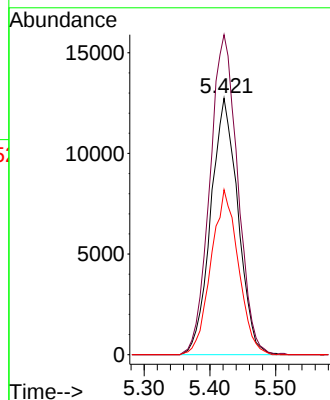
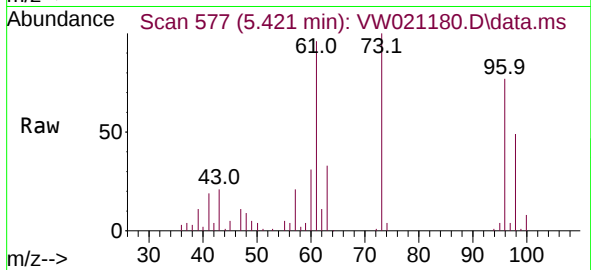




#17
trans-1,2-Dichloroethene
Concen: 23.523 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

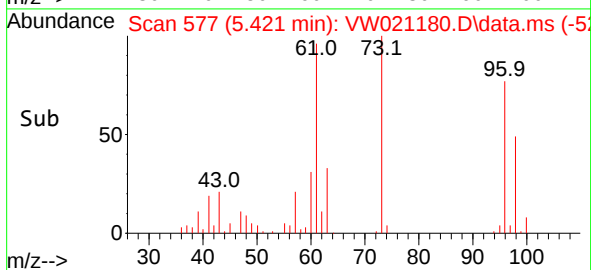
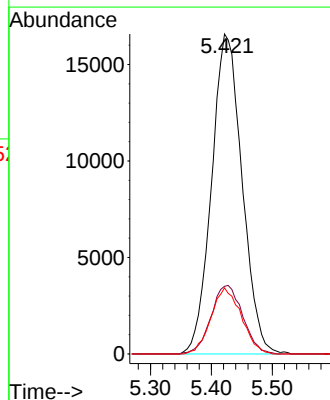
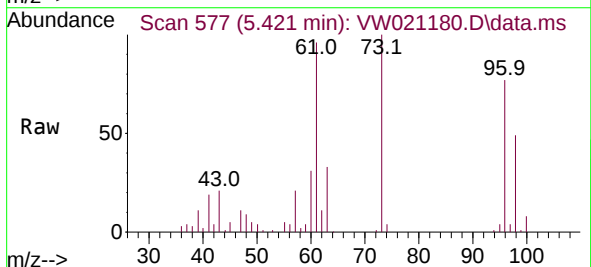
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

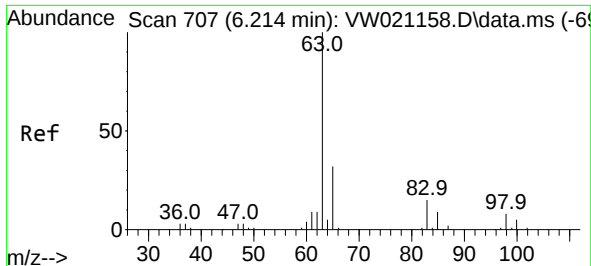
Tgt Ion: 96 Resp: 36735
Ion Ratio Lower Upper
96 100
61 124.8 107.4 199.4
98 64.3 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.439 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 73 Resp: 57603
Ion Ratio Lower Upper
73 100
43 22.2 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.824 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

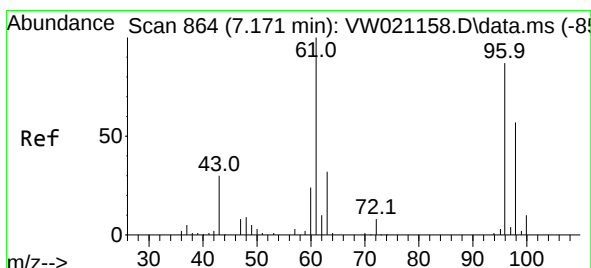
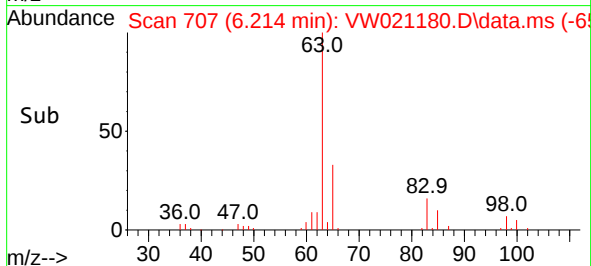
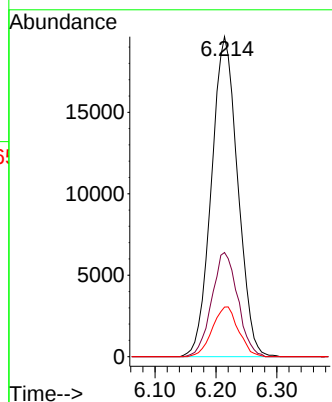
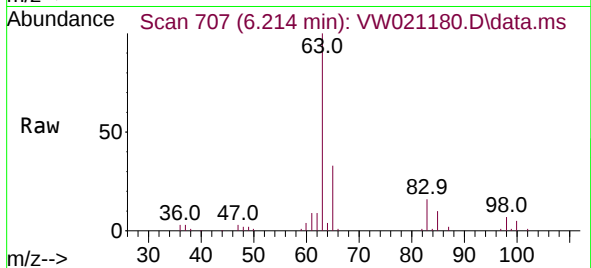
Tgt Ion: 63 Resp: 58997

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 15.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.188 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

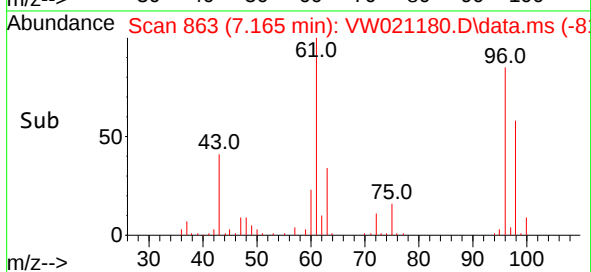
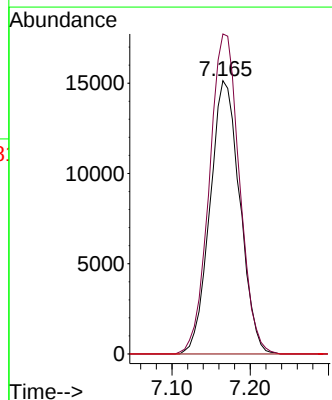
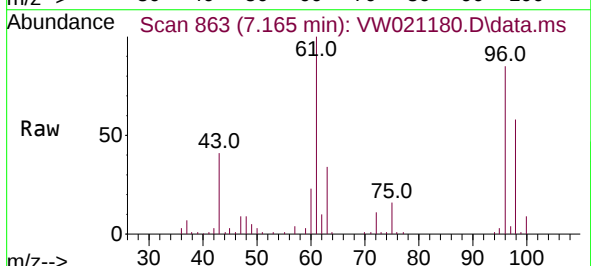
Tgt Ion: 96 Resp: 40074

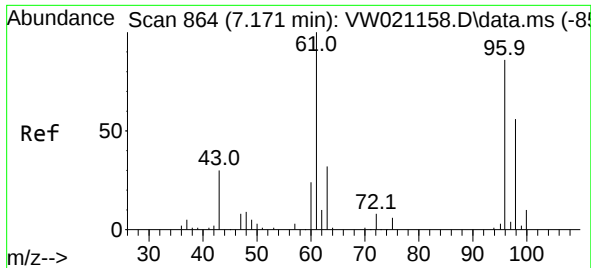
Ion Ratio Lower Upper

96 100

61 117.1 103.7 192.7

68 0.0 0.0 0.0

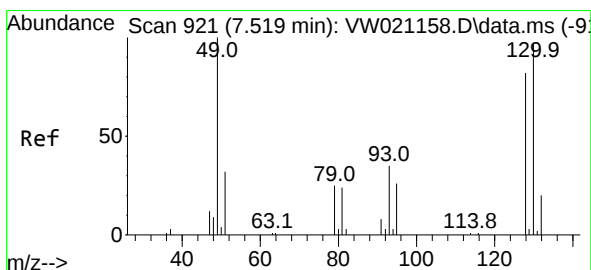
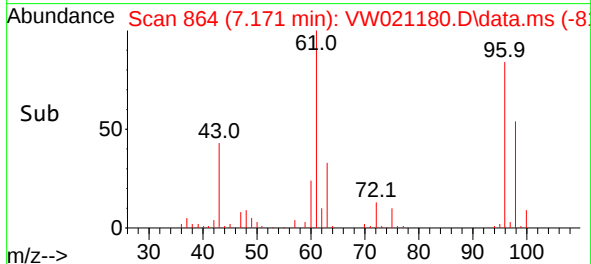
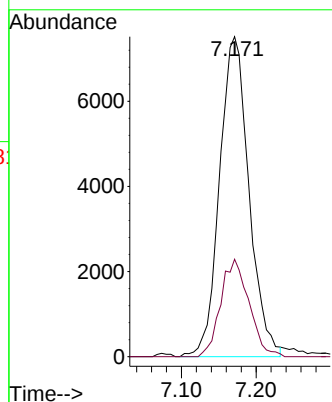
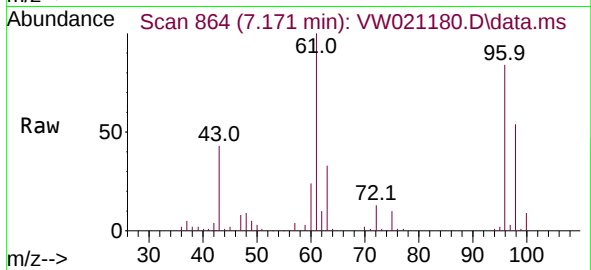




#22
2-Butanone
Concen: 45.424 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

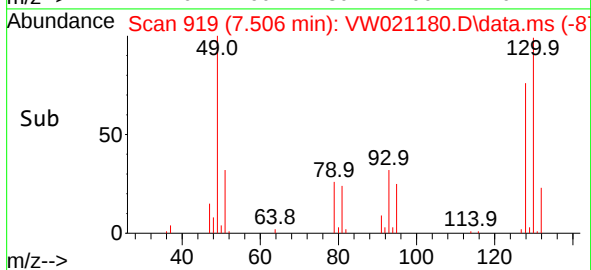
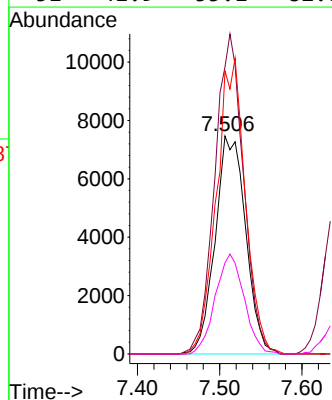
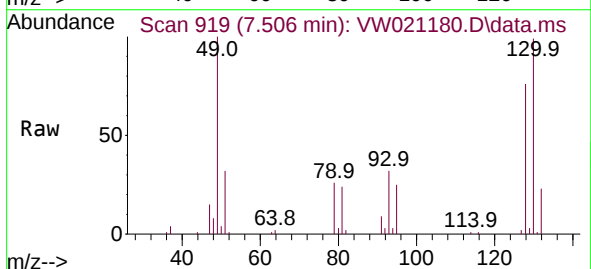
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

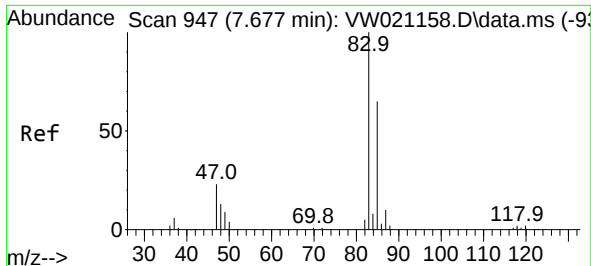
Tgt Ion: 43 Resp: 20563
Ion Ratio Lower Upper
43 100
72 29.3 11.8 35.4



#23
Bromochloromethane
Concen: 24.805 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.012 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 128 Resp: 19229
Ion Ratio Lower Upper
128 100
49 131.8 150.3 279.1#
130 129.9 88.3 163.9
51 41.9 55.1 82.7#

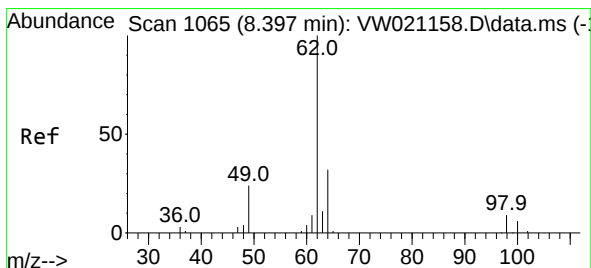
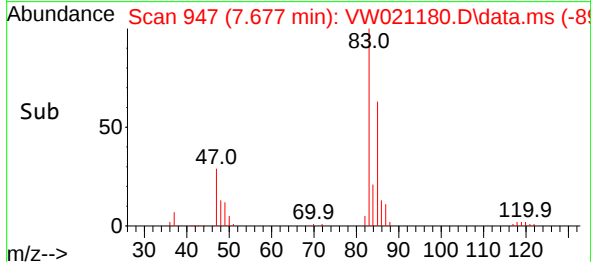
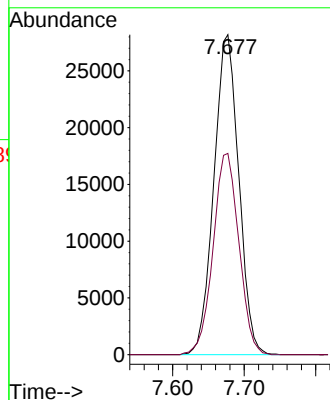
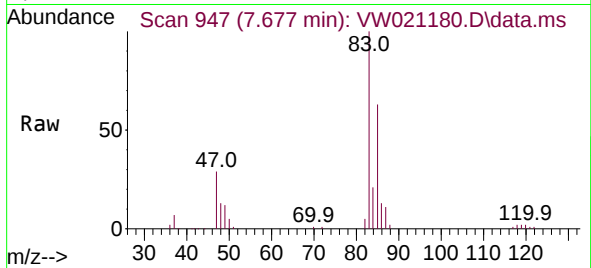




#25
Chloroform
Concen: 24.521 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

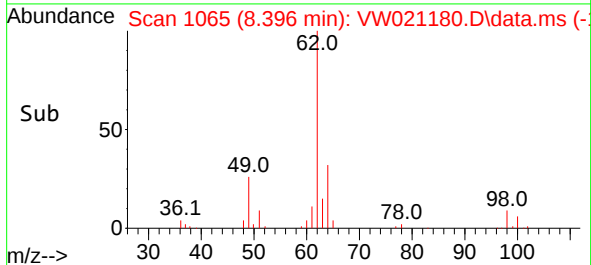
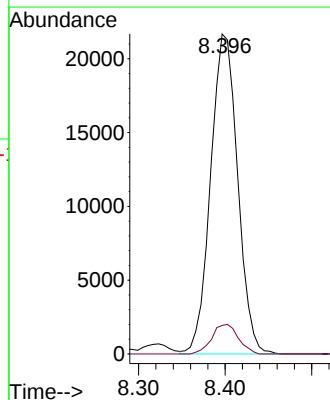
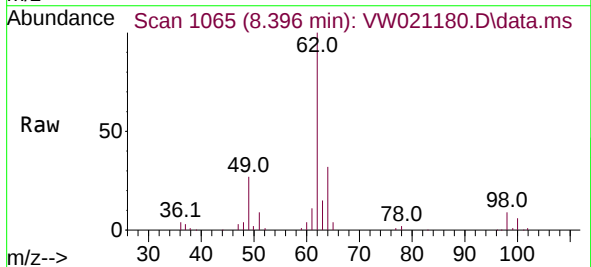
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

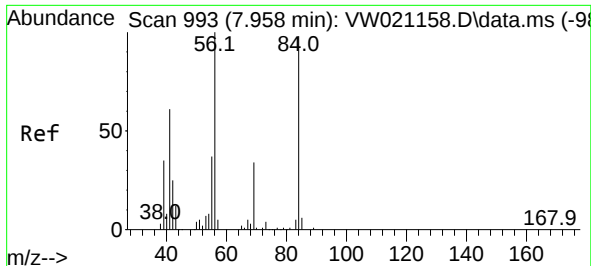
Tgt Ion: 83 Resp: 68163
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 25.876 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 62 Resp: 47052
Ion Ratio Lower Upper
62 100
98 8.9 6.5 9.7





#29

Cyclohexane

Concen: 22.442 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021180.D

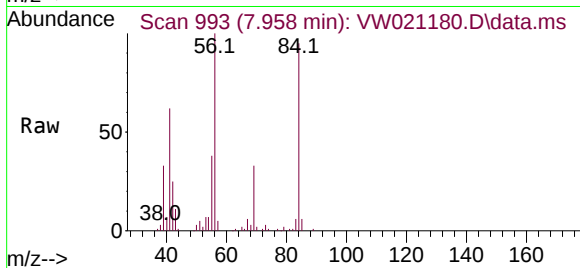
Acq: 06 Dec 2021 19:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513



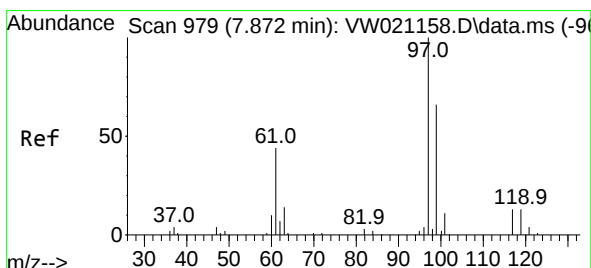
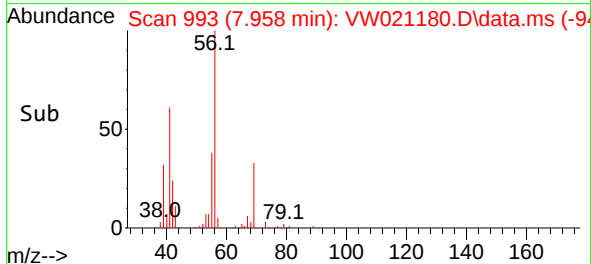
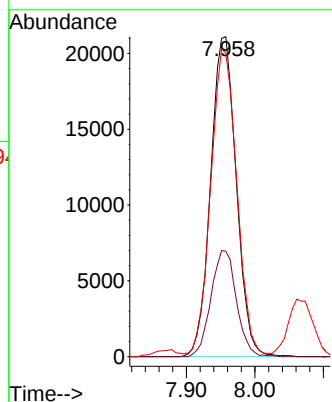
Tgt Ion: 56 Resp: 54720

Ion Ratio Lower Upper

56 100

69 32.9 23.5 35.3

84 98.4 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.245 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

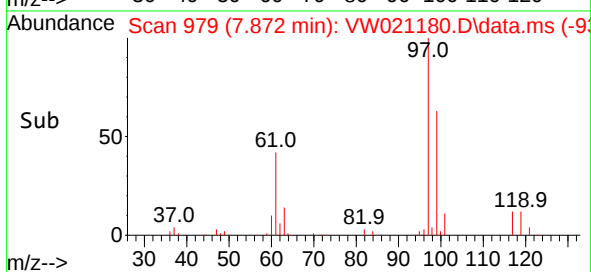
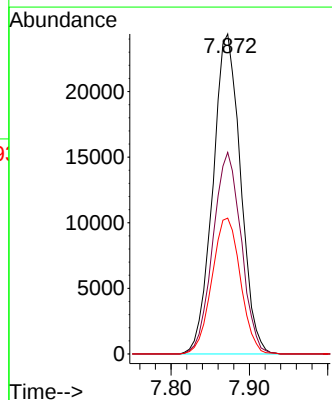
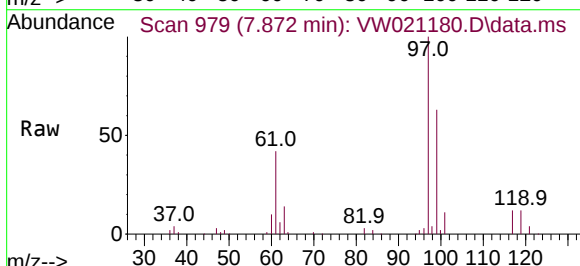
Tgt Ion: 97 Resp: 59904

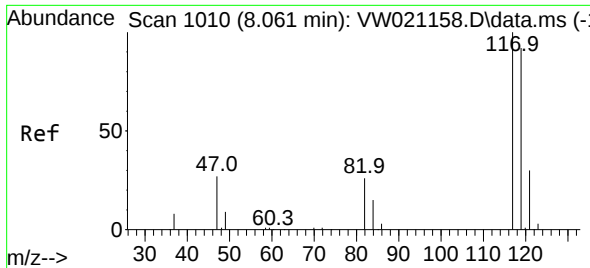
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 43.7 40.9 61.3

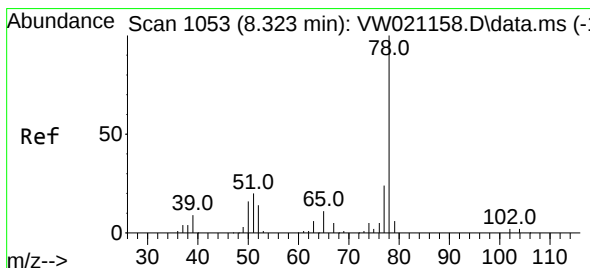
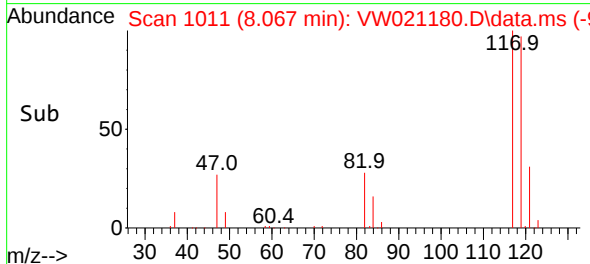
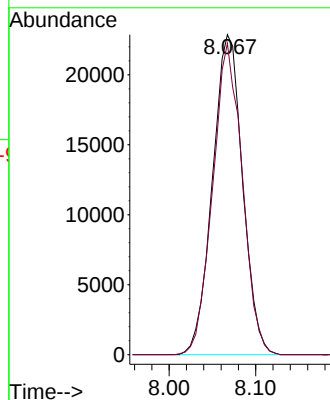
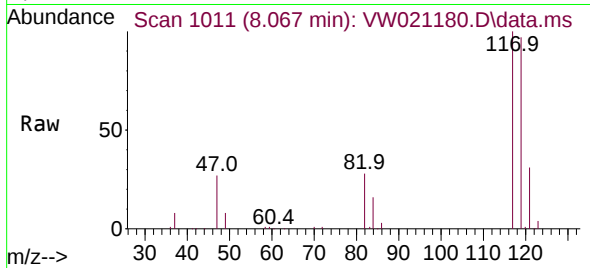




#31
Carbon tetrachloride
Concen: 23.028 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

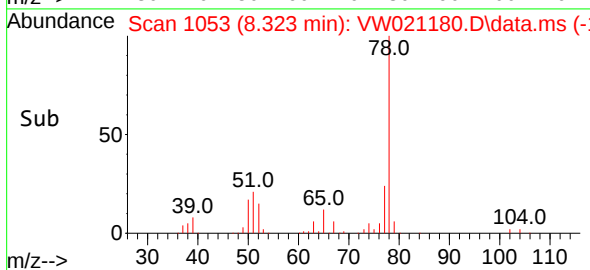
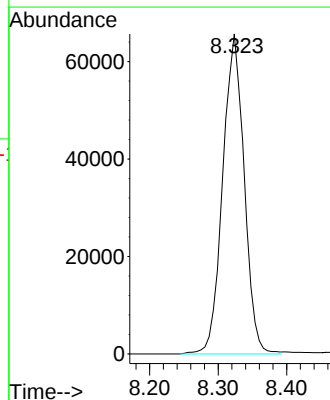
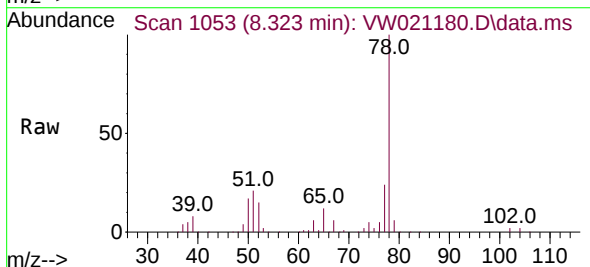
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

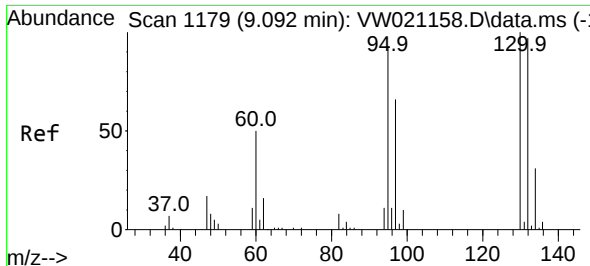
Tgt Ion:117 Resp: 55146
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 22.683 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 78 Resp: 142571



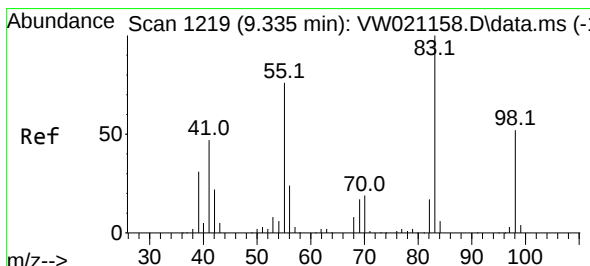
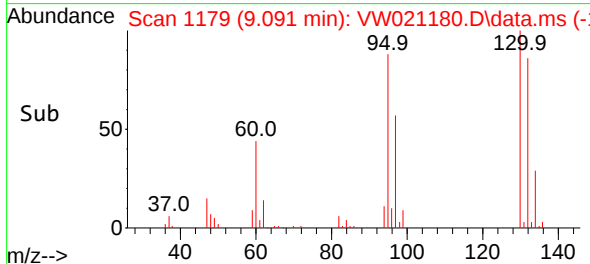
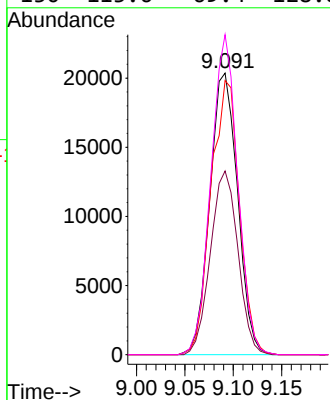
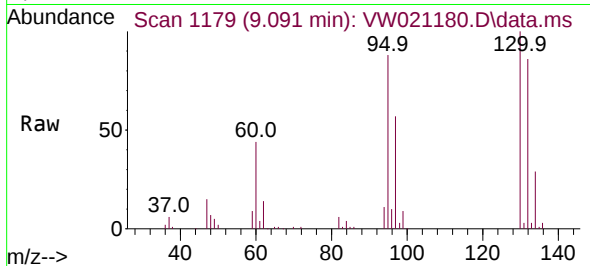


#34
Trichloroethene
Concen: 23.471 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Tgt Ion: 95 Resp: 40700

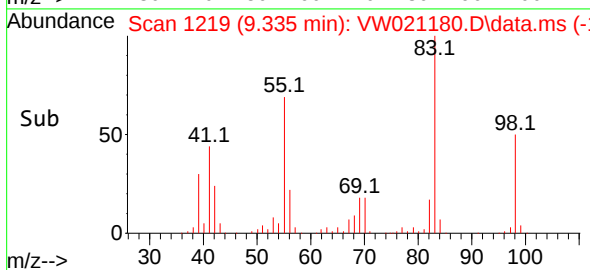
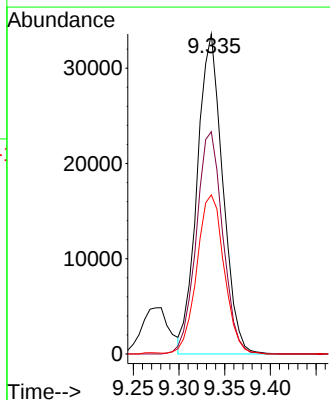
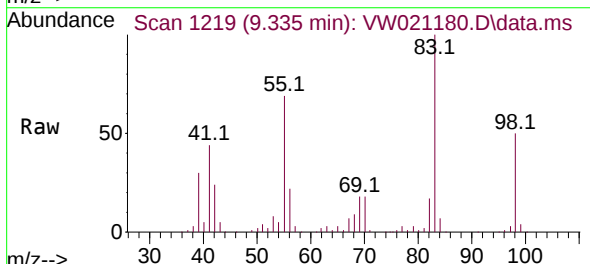
Ion	Ratio	Lower	Upper
95	100		
97	65.2	47.0	87.2
132	97.3	65.5	121.6
130	113.6	69.4	128.8

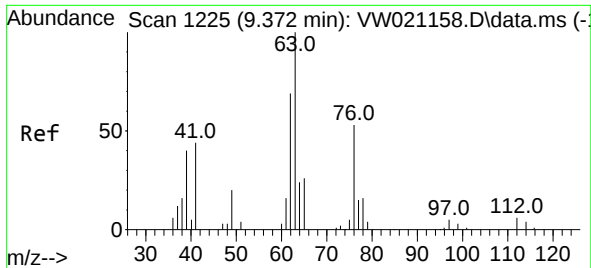


#35
Methylcyclohexane
Concen: 22.350 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 83 Resp: 65234

Ion	Ratio	Lower	Upper
83	100		
55	72.1	70.8	106.2
98	53.2	37.7	56.5

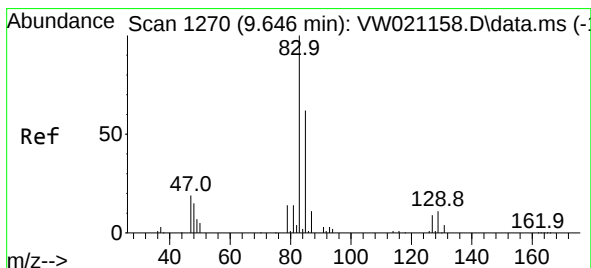
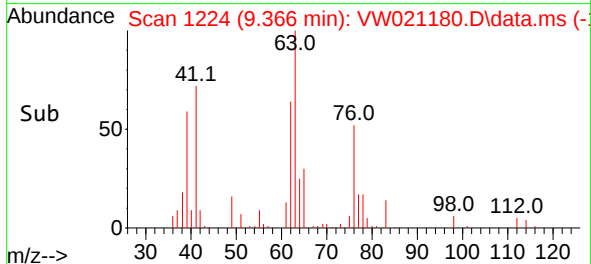
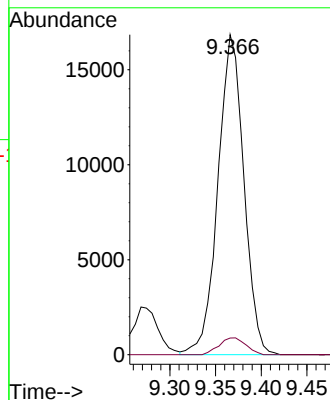
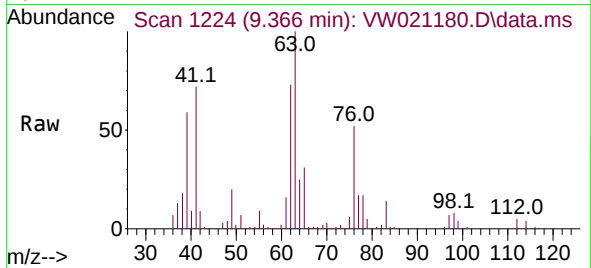




#37
1,2-Dichloropropane
Concen: 23.404 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

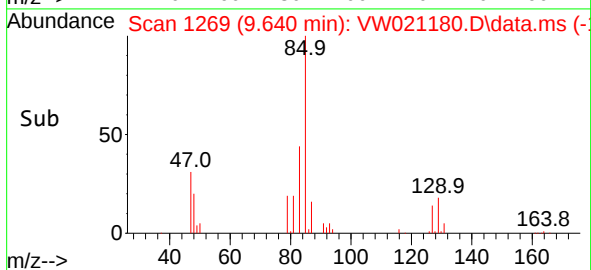
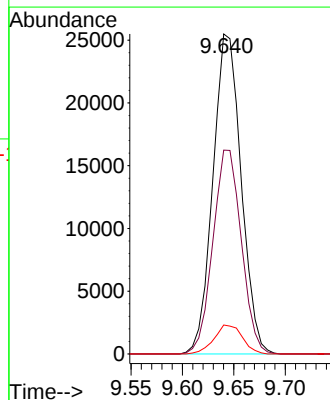
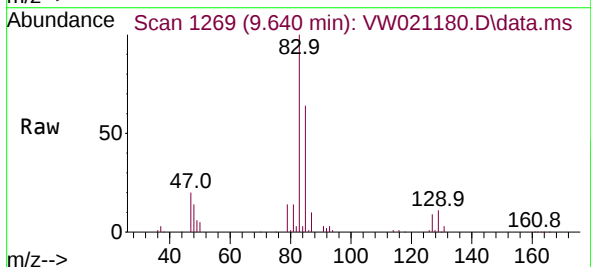
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

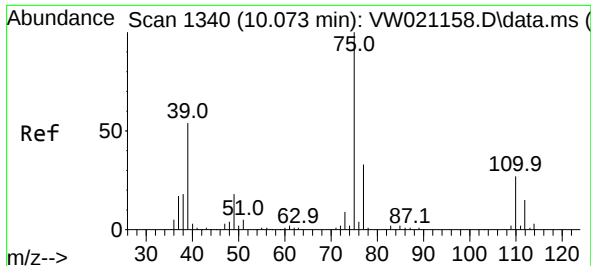
Tgt Ion: 63 Resp: 33248
Ion Ratio Lower Upper
63 100
112 5.4 3.2 4.8#



#38
Bromodichloromethane
Concen: 24.385 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 83 Resp: 48697
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9
127 9.1 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 24.388 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

Instrument :

MSVOA_W

ClientSampleId :

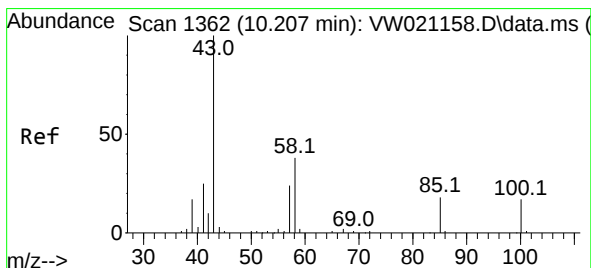
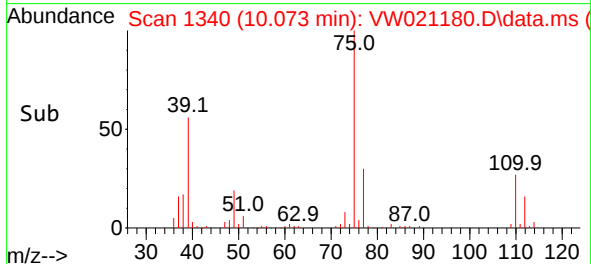
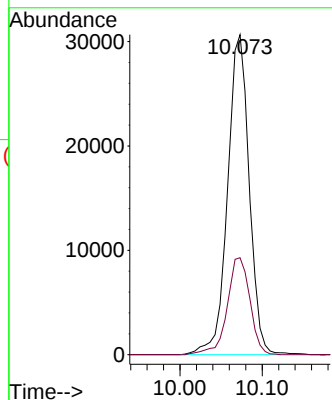
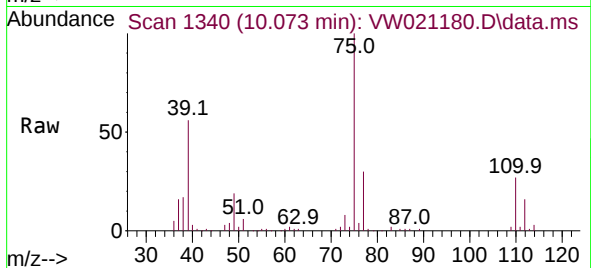
VSTD025513

Tgt Ion: 75 Resp: 56039

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.772 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

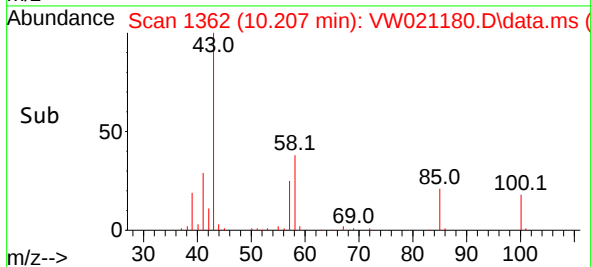
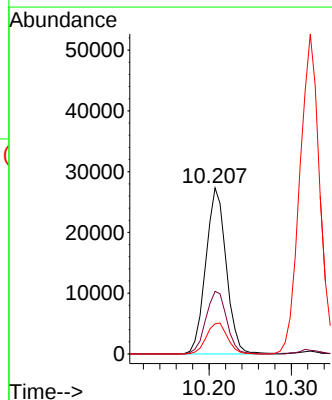
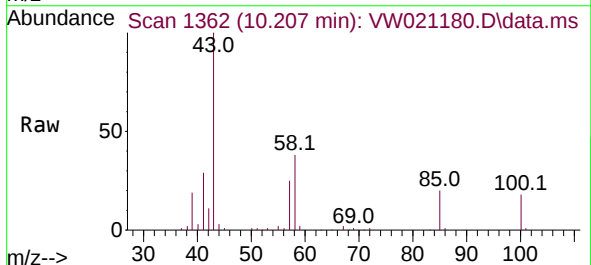
Tgt Ion: 43 Resp: 47200

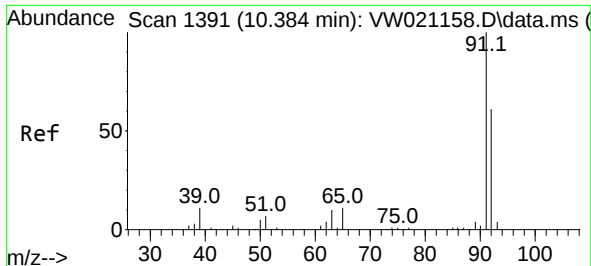
Ion Ratio Lower Upper

43 100

58 38.4 28.8 43.2

100 19.2 10.0 15.0#





#42

Toluene

Concen: 23.862 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

Instrument :

MSVOA_W

ClientSampleId :

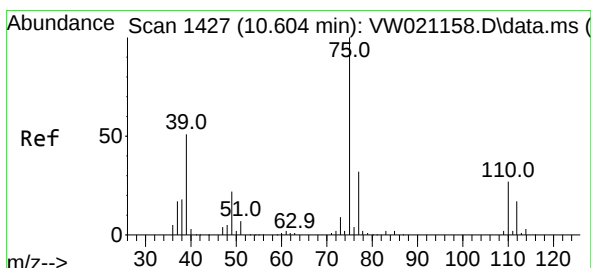
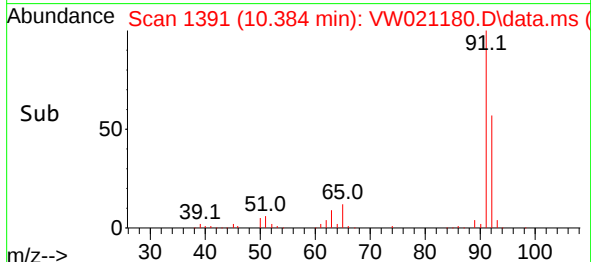
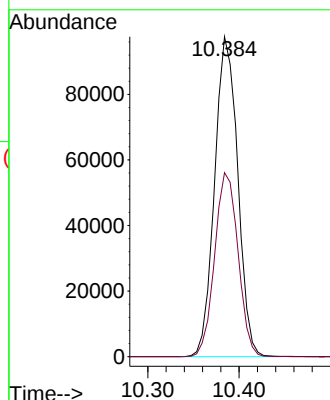
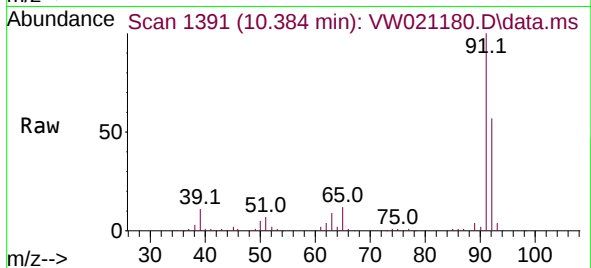
VSTD025513

Tgt Ion: 91 Resp: 171310

Ion Ratio Lower Upper

91 100

92 57.5 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 25.305 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021180.D

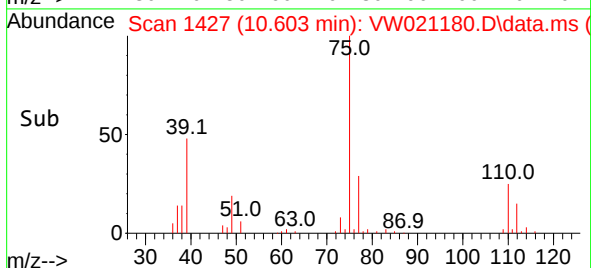
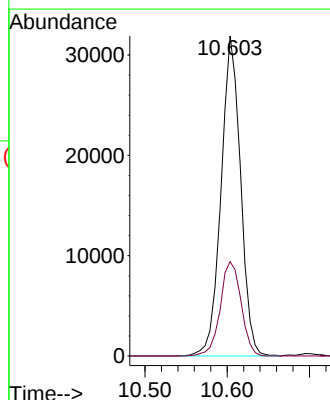
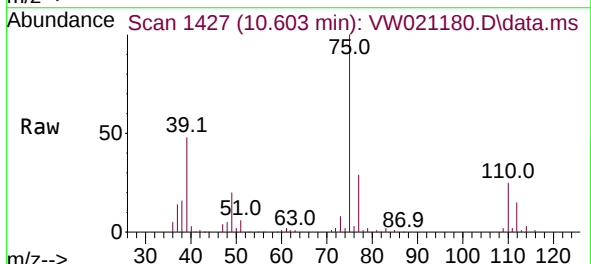
Acq: 06 Dec 2021 19:36

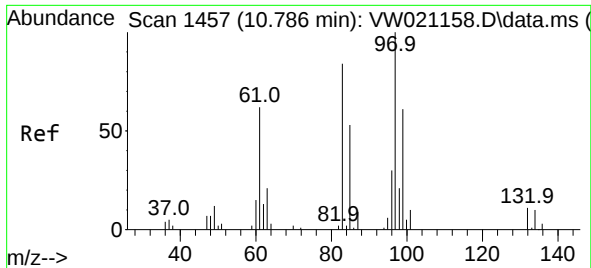
Tgt Ion: 75 Resp: 52607

Ion Ratio Lower Upper

75 100

77 29.5 22.2 41.2



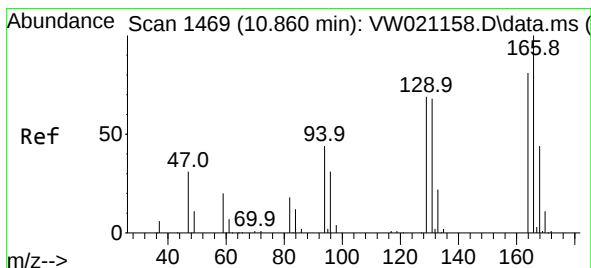
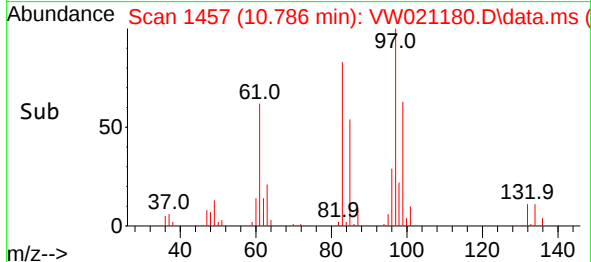
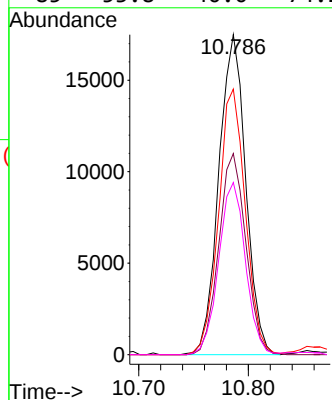
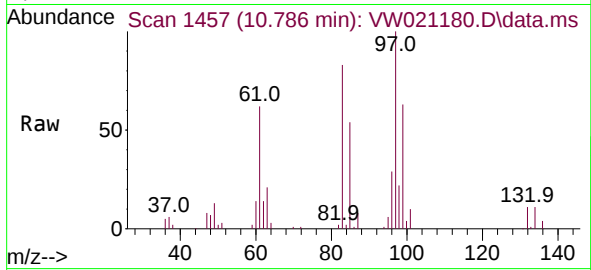


#45
1,1,2-Trichloroethane
Concen: 25.009 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Tgt Ion: 97 Resp: 29786

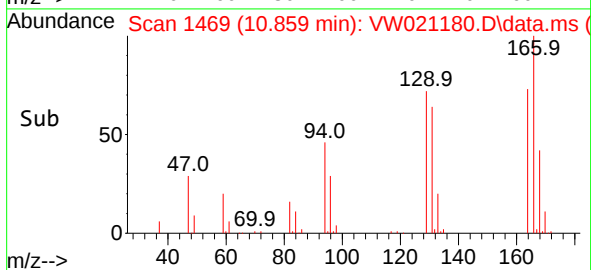
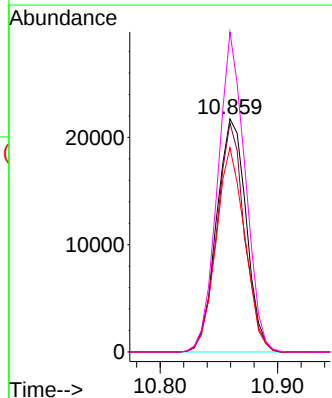
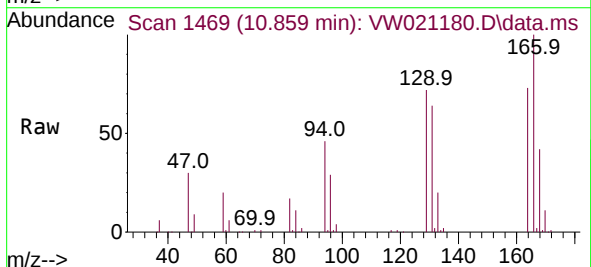
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.0	79.8
83	83.0	62.6	116.3
85	53.8	40.0	74.2

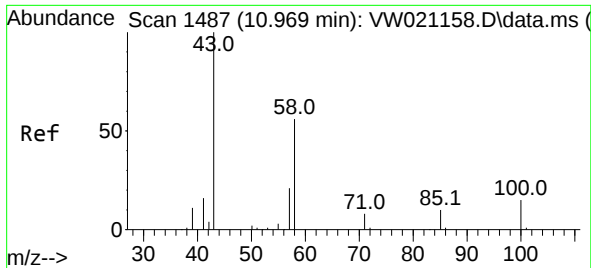


#46
Tetrachloroethene
Concen: 23.965 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 164 Resp: 38052

Ion	Ratio	Lower	Upper
164	100		
129	98.2	65.5	121.7
131	87.6	59.7	110.9
166	137.2	88.7	164.7

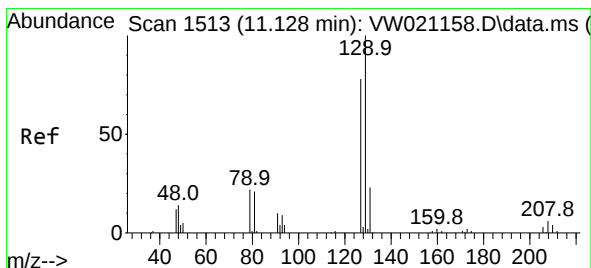
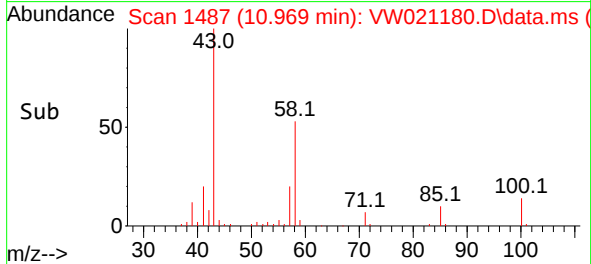
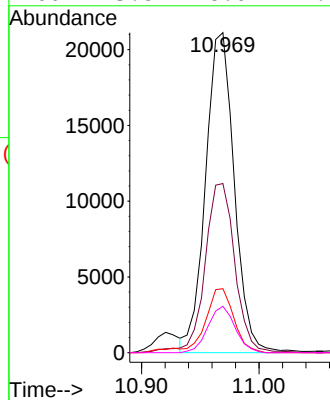
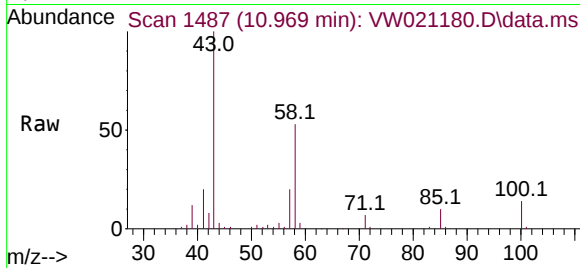




#48
2-Hexanone
Concen: 51.348 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

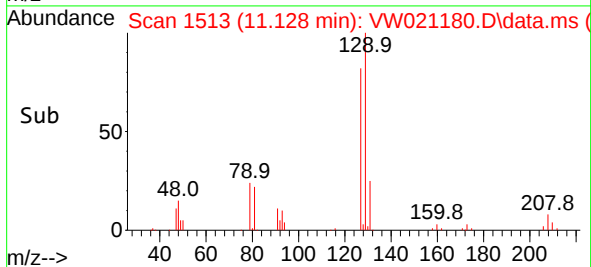
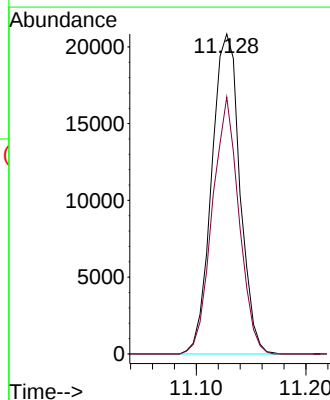
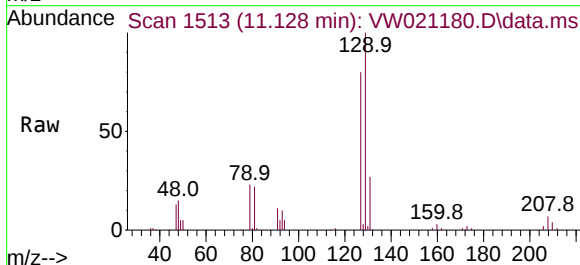
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

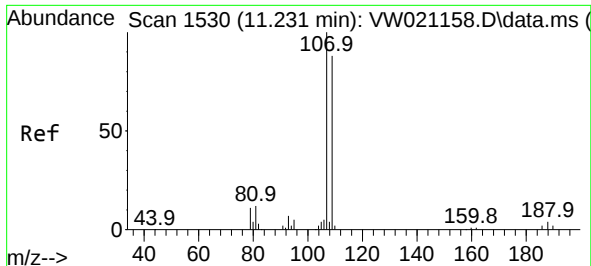
Tgt Ion: 43 Resp: 35848
Ion Ratio Lower Upper
43 100
58 55.2 40.2 60.2
57 19.3 14.3 21.5
100 13.8 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.032 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 129 Resp: 37262
Ion Ratio Lower Upper
129 100
127 80.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.388 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

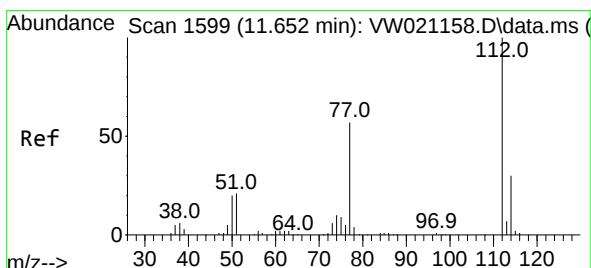
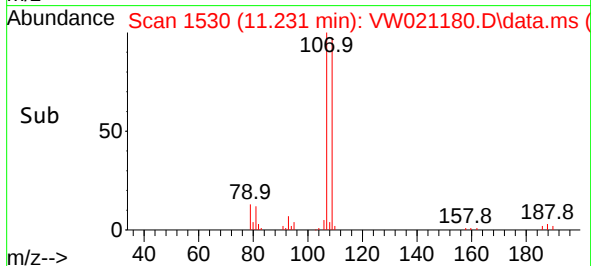
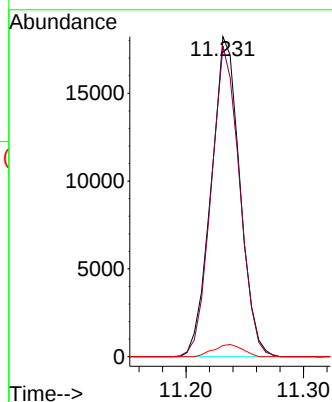
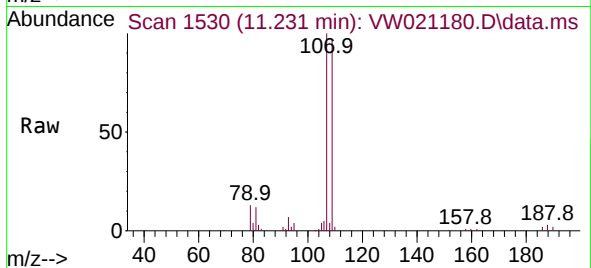
Tgt Ion:107 Resp: 30836

Ion Ratio Lower Upper

107 100

109 97.1 64.1 119.1

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 24.059 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

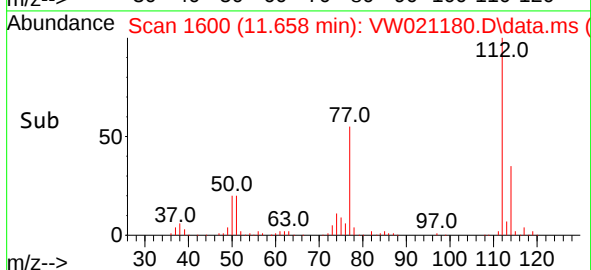
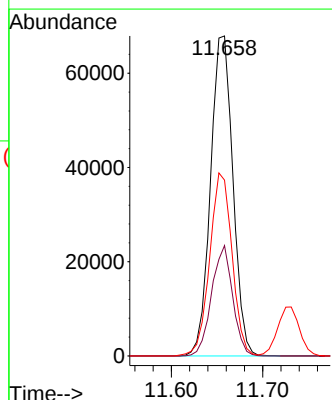
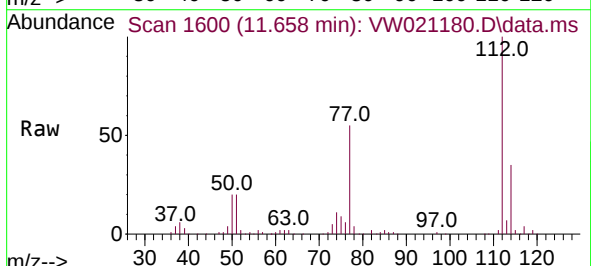
Tgt Ion:112 Resp: 115411

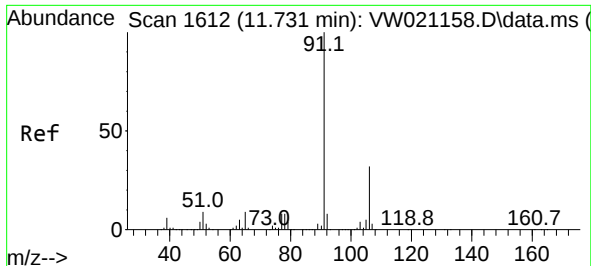
Ion Ratio Lower Upper

112 100

114 34.5 22.4 41.6

77 54.9 50.2 75.4

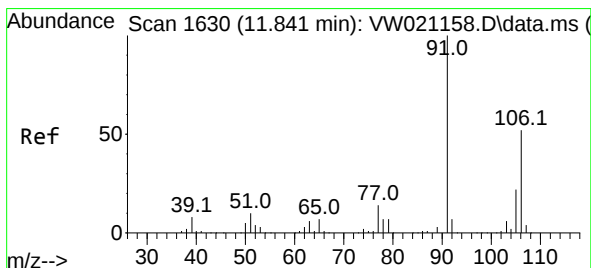
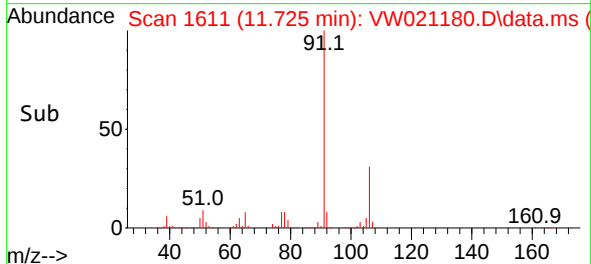
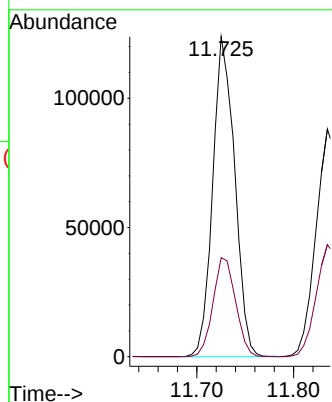
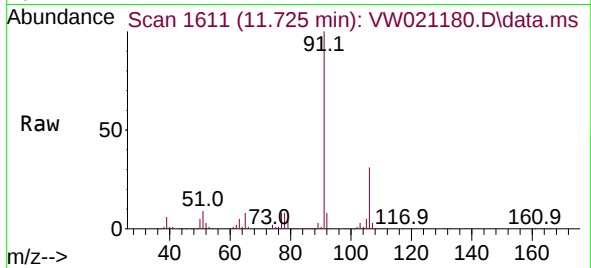




#52
Ethylbenzene
Concen: 24.144 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

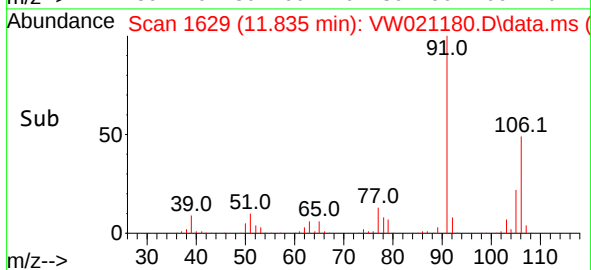
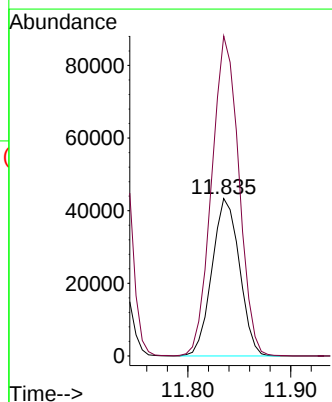
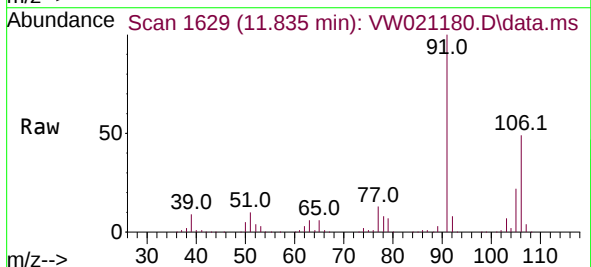
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

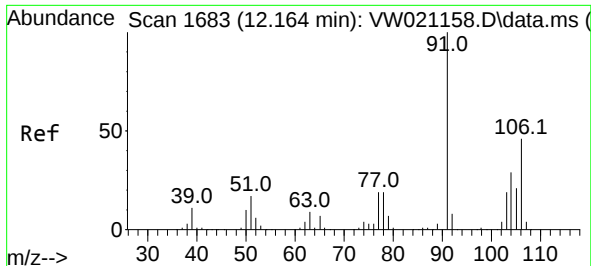
Tgt Ion: 91 Resp: 195136
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 24.044 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion:106 Resp: 80389
Ion Ratio Lower Upper
106 100
91 203.2 149.9 278.3

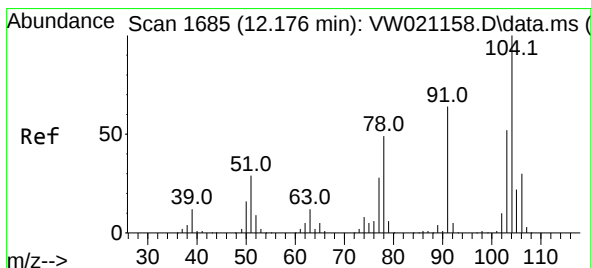
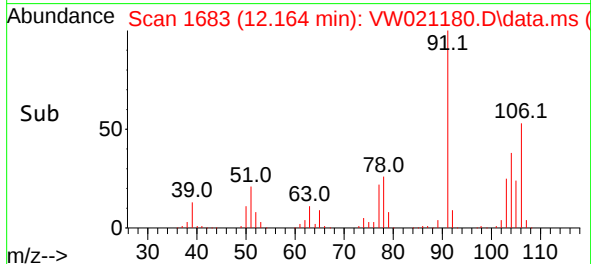
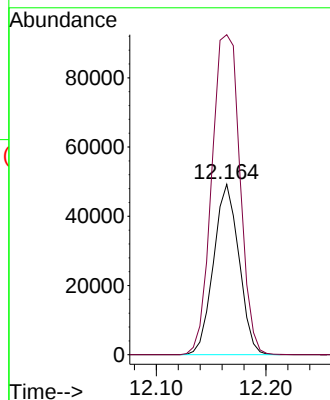
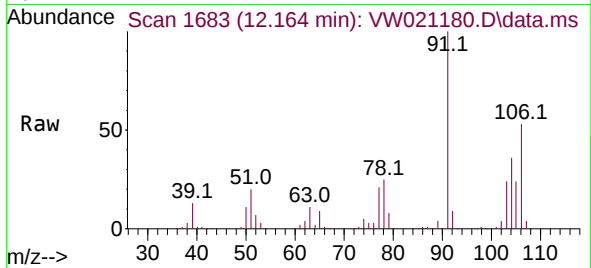




#54
o-Xylene
Concen: 25.147 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

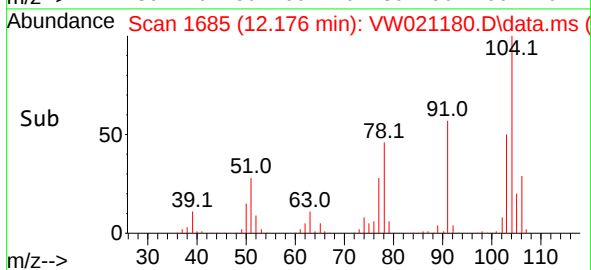
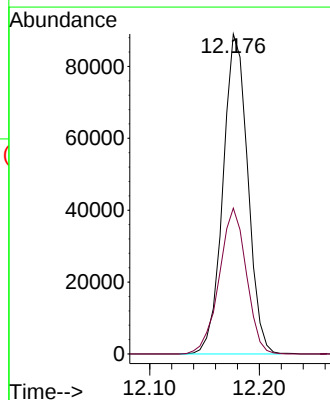
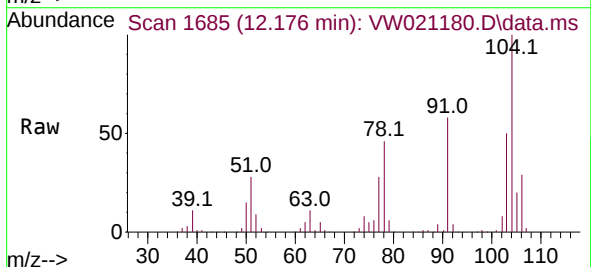
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

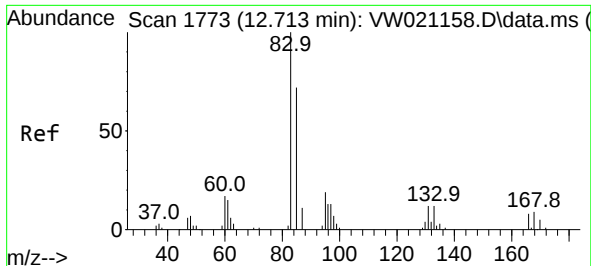
Tgt Ion:106 Resp: 79271
Ion Ratio Lower Upper
106 100
91 187.8 153.6 285.3



#55
Styrene
Concen: 25.993 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion:104 Resp: 139600
Ion Ratio Lower Upper
104 100
78 45.6 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 27.239 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

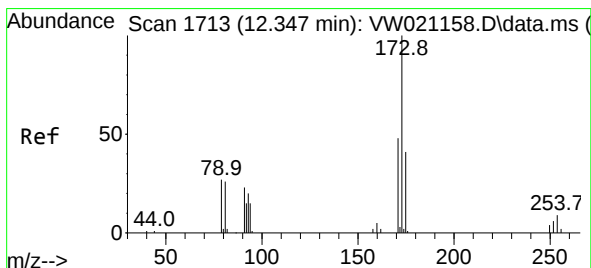
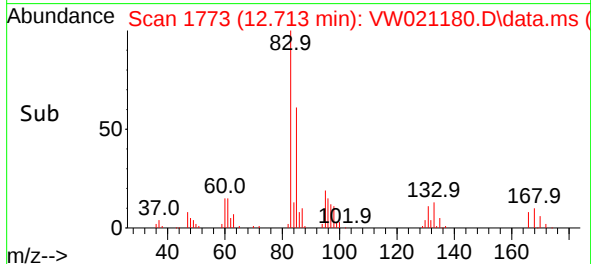
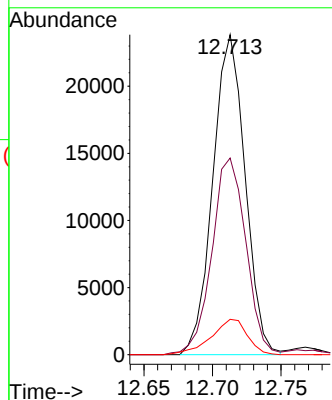
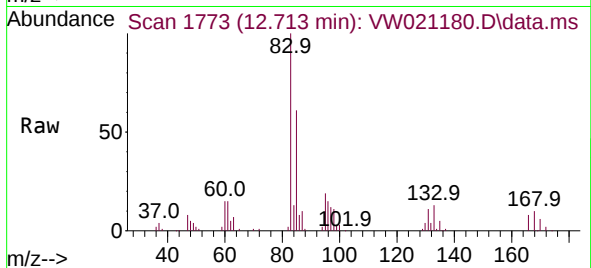
Tgt Ion: 83 Resp: 39021

Ion Ratio Lower Upper

83 100

85 61.5 44.0 81.6

131 11.0 6.9 10.3#



#59

Bromoform

Concen: 23.526 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

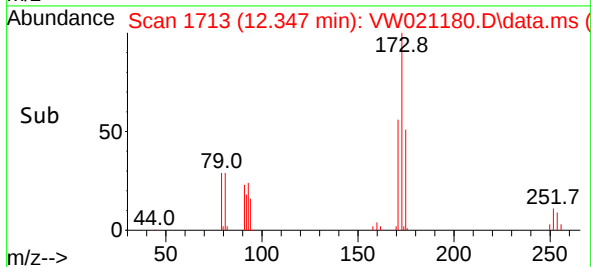
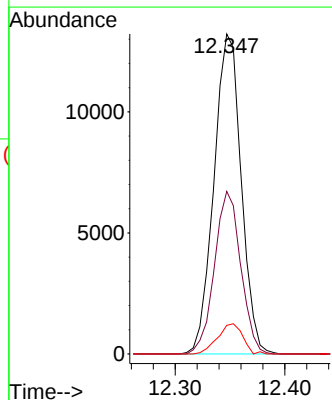
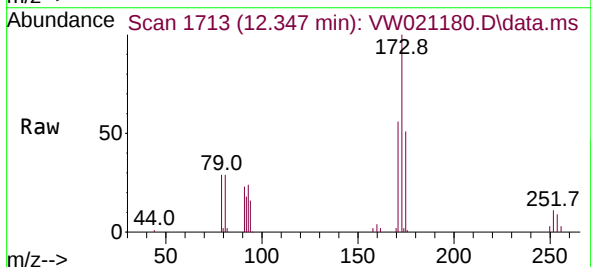
Tgt Ion:173 Resp: 22826

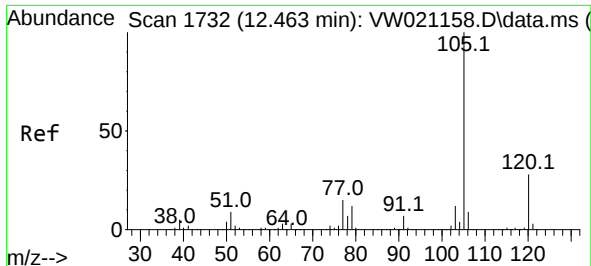
Ion Ratio Lower Upper

173 100

175 49.0 39.6 59.4

254 8.6 7.4 11.0

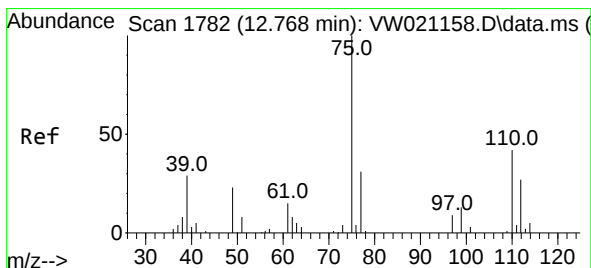
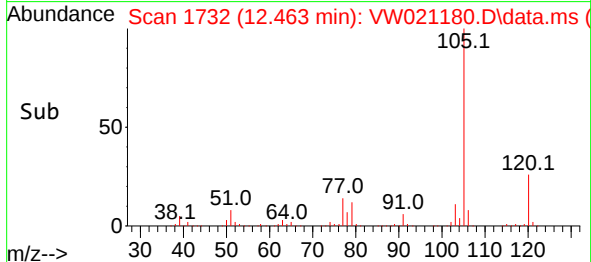
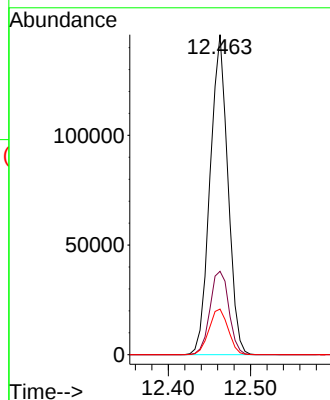
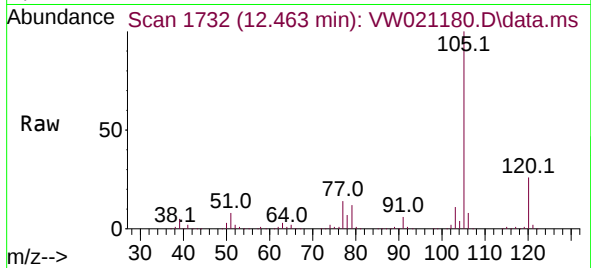




#60
Isopropylbenzene
Concen: 23.166 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

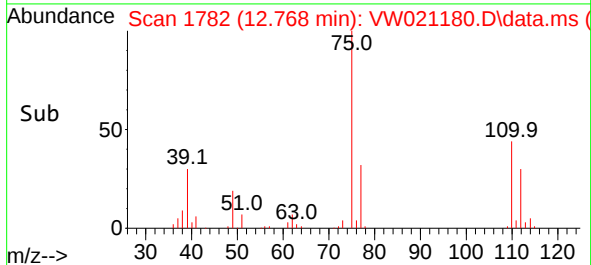
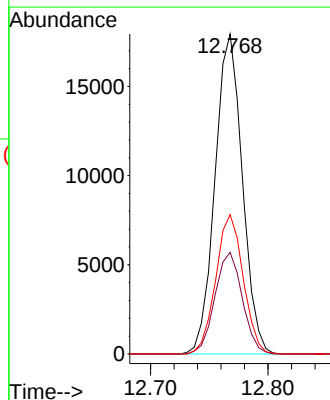
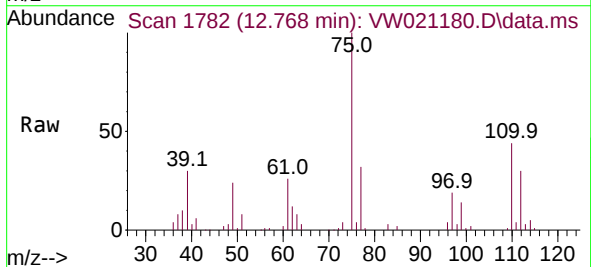
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

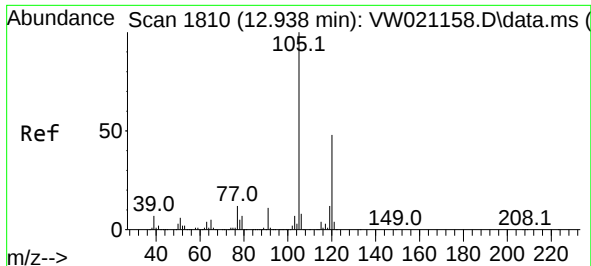
Tgt Ion:105 Resp: 219038
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.425 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion: 75 Resp: 28977
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
110 43.7 29.0 43.4#

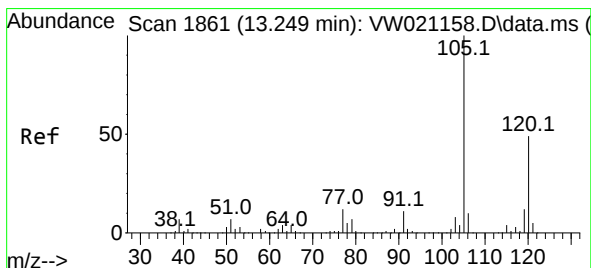
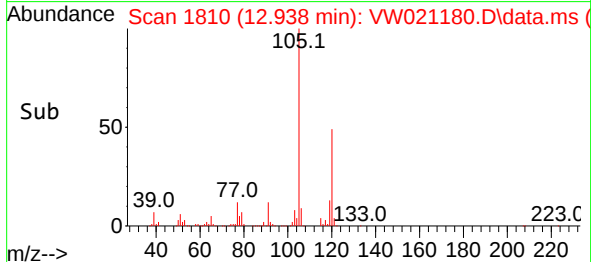
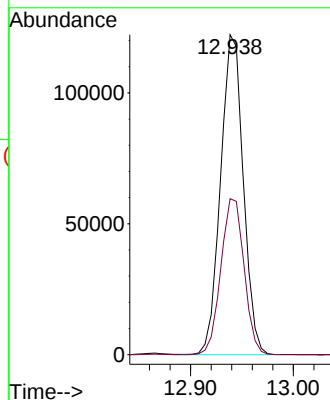
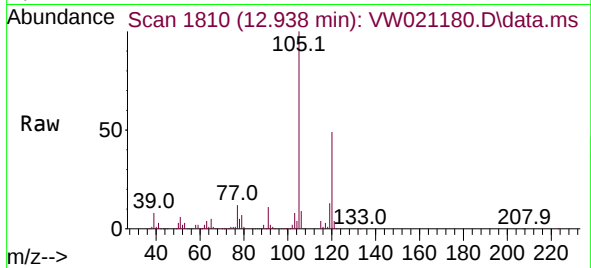




#62
1,3,5-Trimethylbenzene
Concen: 23.676 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

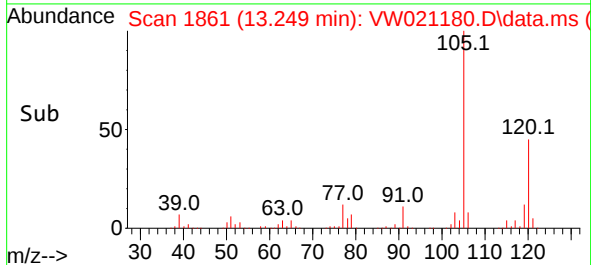
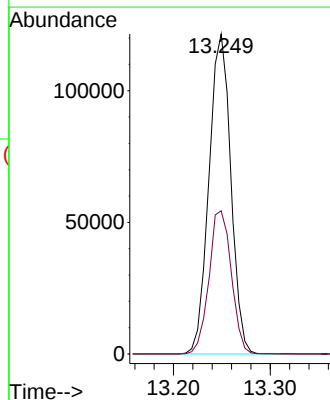
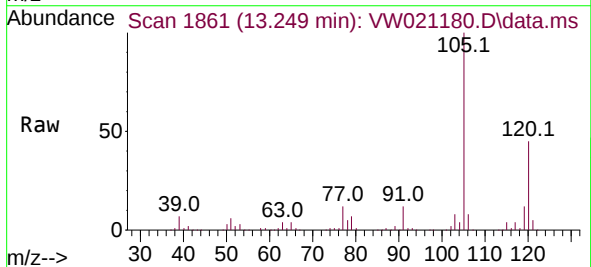
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

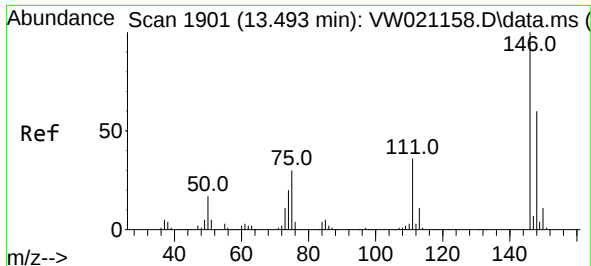
Tgt Ion:105 Resp: 187475
Ion Ratio Lower Upper
105 100
120 49.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 23.967 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion:105 Resp: 190866
Ion Ratio Lower Upper
105 100
120 45.8 35.0 52.6

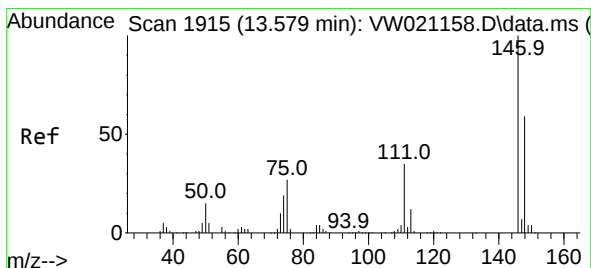
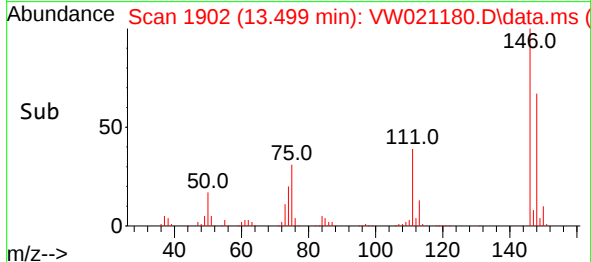
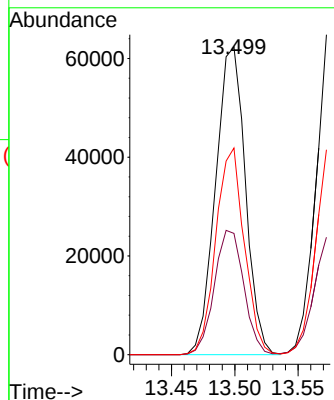
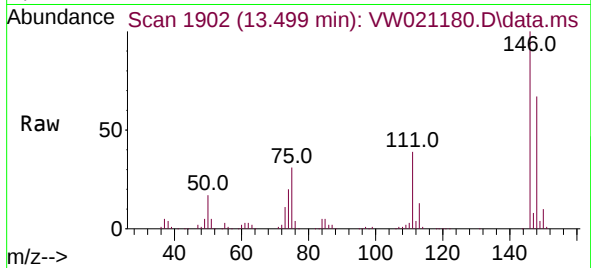




#64
 1,3-Dichlorobenzene
 Concen: 22.938 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

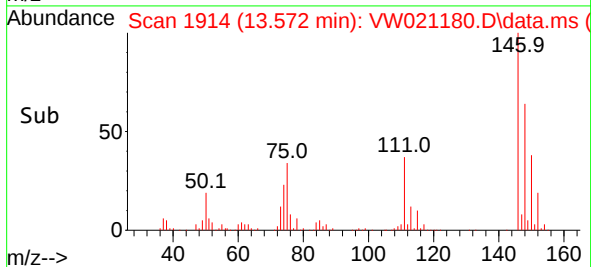
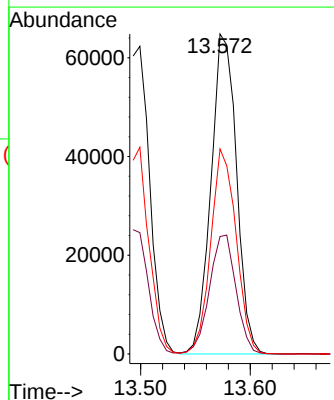
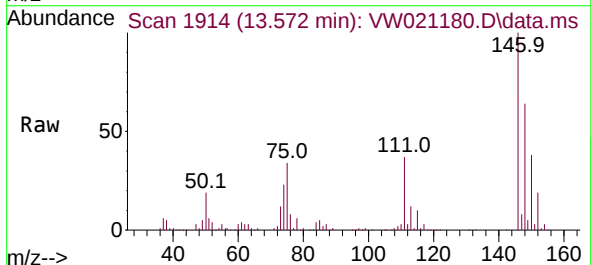
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025513

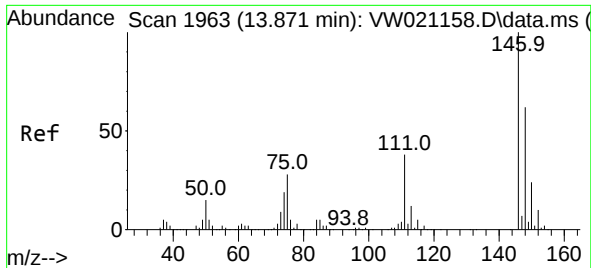
Tgt Ion:146 Resp: 102124
 Ion Ratio Lower Upper
 146 100
 111 39.4 29.8 55.3
 148 67.2 46.2 85.8



#65
 1,4-Dichlorobenzene
 Concen: 23.351 ug/L
 RT: 13.572 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: VW021180.D
 Acq: 06 Dec 2021 19:36

Tgt Ion:146 Resp: 105070
 Ion Ratio Lower Upper
 146 100
 111 36.7 29.0 53.9
 148 64.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.852 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025513

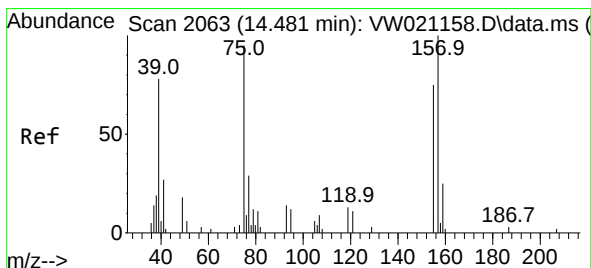
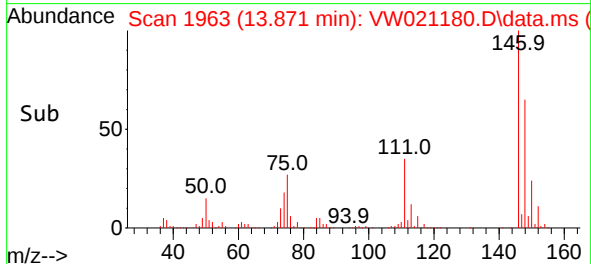
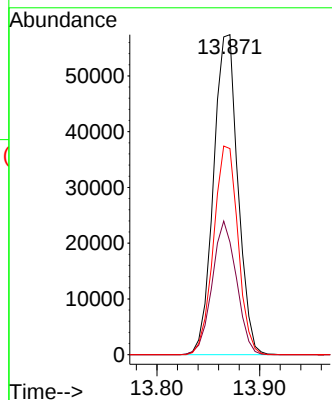
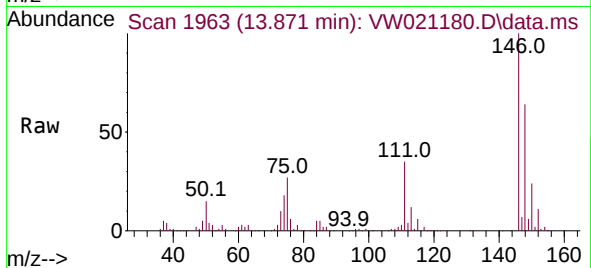
Tgt Ion:146 Resp: 94549

Ion Ratio Lower Upper

146 100

111 35.2 33.1 49.7

148 64.4 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.118 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021180.D

Acq: 06 Dec 2021 19:36

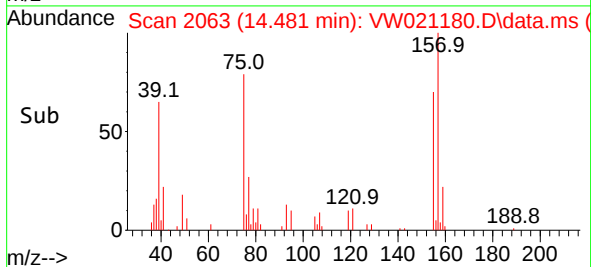
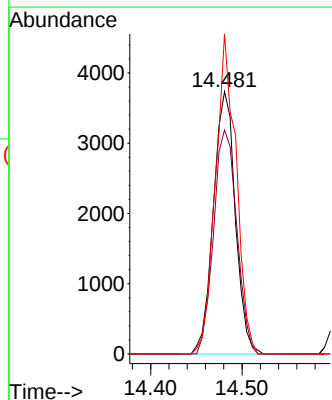
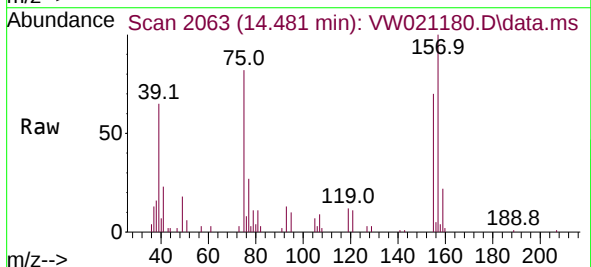
Tgt Ion: 75 Resp: 6207

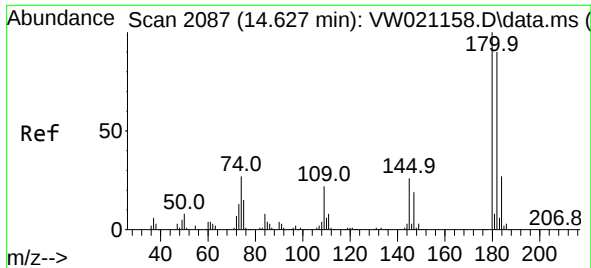
Ion Ratio Lower Upper

75 100

155 85.3 54.2 81.2#

157 121.9 69.4 104.2#

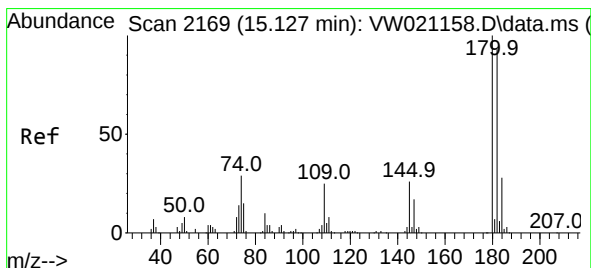
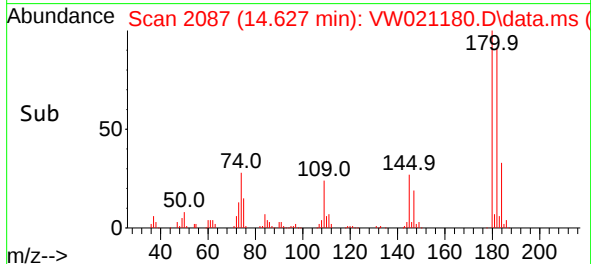
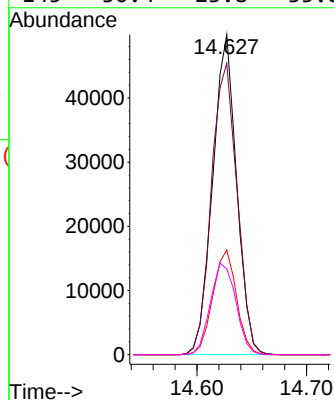
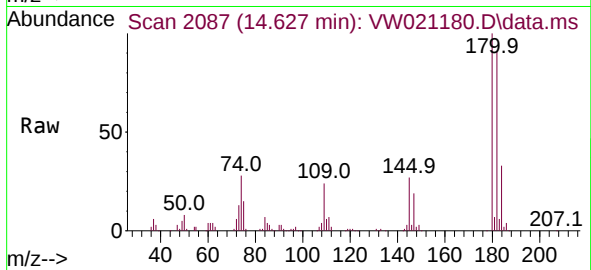




#69
1,3,5-Trichlorobenzene
Concen: 23.177 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

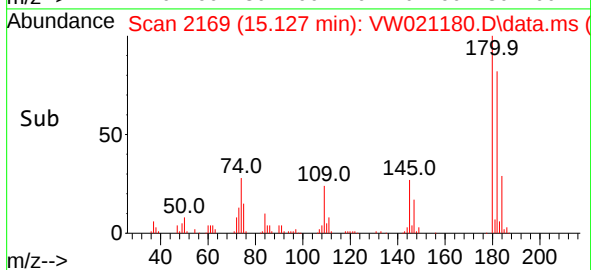
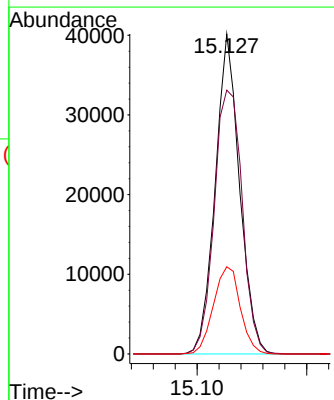
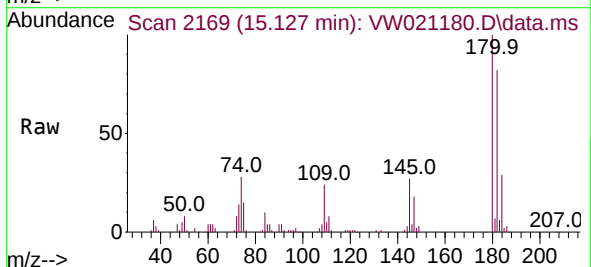
Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

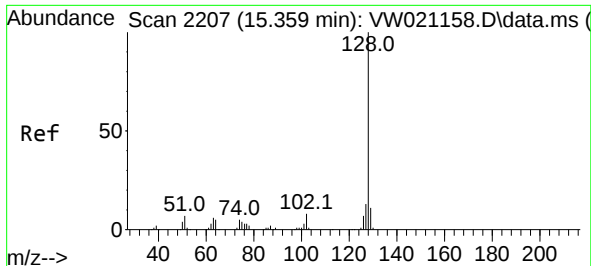
Tgt Ion:180	Resp:	75835
Ion Ratio	Lower	Upper
180	100	
182	97.1	75.4 113.0
184	32.5	23.8 35.8
145	30.4	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.065 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion:180	Resp:	62014
Ion Ratio	Lower	Upper
180	100	
182	94.6	79.0 118.6
145	30.0	26.0 39.0

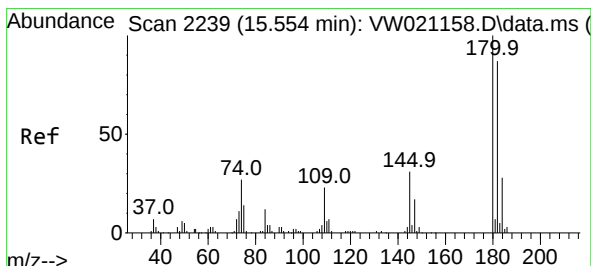
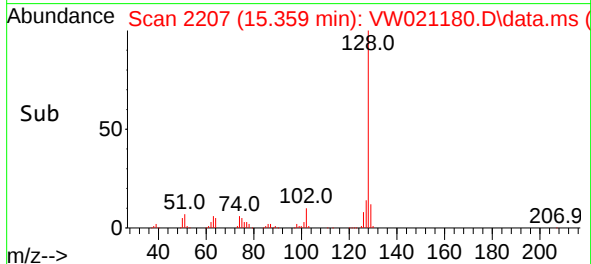
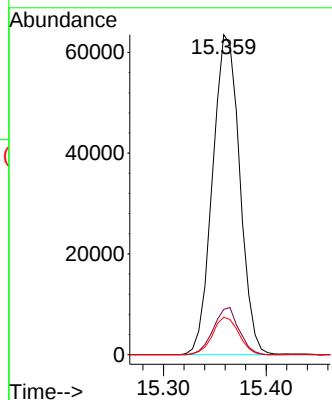
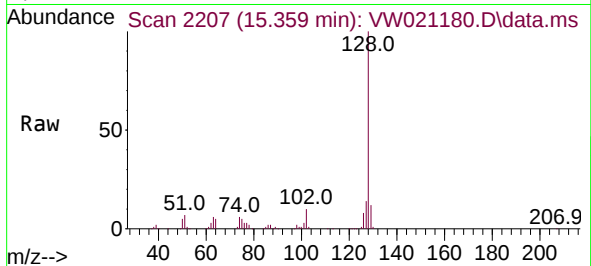




#71
Naphthalene
Concen: 23.352 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025513

Tgt Ion:128 Resp: 116721
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.689 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021180.D
Acq: 06 Dec 2021 19:36

Tgt Ion:180 Resp: 55587
Ion Ratio Lower Upper
180 100
182 90.9 76.6 114.8
145 30.7 27.4 41.0

