

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021193.D
 Acq On : 07 Dec 2021 02:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Dec 07 07:52:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114332	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	110170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	60398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39166	24.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.360%
7) Chloroethane-d5	2.879	69	26799	25.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.520%
11) 1,1-Dichloroethene-d2	4.019	63	56932	22.372	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.480%
21) 2-Butanone-d5	7.080	46	16117	44.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
24) Chloroform-d	7.647	84	72301	25.251	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.305	65	38902	24.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.275	84	137096	24.338	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.274	67	38339	24.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	10.323	98	134357	23.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	10.579	79	16649	23.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.680%
47) 2-Hexanone-d5	10.920	63	13262	44.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34864	24.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	54773	25.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11241	20.129	ug/L	98
3) Chloromethane	2.209	50	31302	25.037	ug/L	99
5) Vinyl chloride	2.355	62	53606	24.682	ug/L	96
6) Bromomethane	2.769	94	34613	23.968	ug/L	99
8) Chloroethane	2.916	64	22497	24.854	ug/L	94
9) Trichlorofluoromethane	3.251	101	22657	21.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	36474	22.220	ug/L	91
12) 1,1-Dichloroethene	4.038	96	34184	23.035	ug/L	83
13) Acetone	4.123	43	11484	34.698	ug/L	94
14) Carbon disulfide	4.385	76	91295	22.163	ug/L	100
15) Methyl Acetate	4.672	43	13545	22.571	ug/L	# 90
16) Methylene chloride	4.915	84	37887	21.034	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	38637	24.452	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	57068	23.929	ug/L	94
19) 1,1-Dichloroethane	6.214	63	60611	24.191	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	40666	24.259	ug/L	74
22) 2-Butanone	7.171	43	17861	38.995	ug/L	88
23) Bromochloromethane	7.513	128	19973	25.465	ug/L	# 66
25) Chloroform	7.677	83	71039	25.258	ug/L	100

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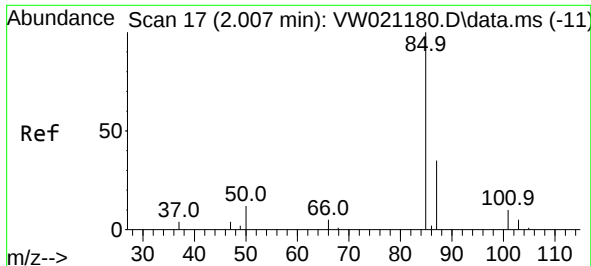
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	45654	24.814	ug/L	97
29) Cyclohexane	7.951	56	52259	21.502	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	59118	23.015	ug/L	95
31) Carbon tetrachloride	8.067	117	53306	22.332	ug/L	95
33) Benzene	8.323	78	147719	23.578	ug/L	100
34) Trichloroethene	9.091	95	41331	23.913	ug/L	93
35) Methylcyclohexane	9.335	83	65313	22.450	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	34187	24.143	ug/L #	96
38) Bromodichloromethane	9.646	83	48961	24.597	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	54864	23.954	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	41412	42.930	ug/L #	93
42) Toluene	10.390	91	171775	24.005	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	48009	23.168	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	28595	24.087	ug/L	90
46) Tetrachloroethene	10.859	164	37844	23.911	ug/L	94
48) 2-Hexanone	10.969	43	29646	42.603	ug/L #	97
49) Dibromochloromethane	11.128	129	36214	24.407	ug/L	96
50) 1,2-Dibromoethane	11.237	107	28878	23.854	ug/L	96
51) Chlorobenzene	11.658	112	115495	24.155	ug/L	90
52) Ethylbenzene	11.731	91	191781	23.807	ug/L	97
53) m,p-Xylene	11.835	106	80259	24.083	ug/L	80
54) o-Xylene	12.164	106	78586	25.011	ug/L	85
55) Styrene	12.182	104	137198	25.629	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	34933	24.465	ug/L #	96
59) Bromoform	12.353	173	20991	24.371	ug/L	98
60) Isopropylbenzene	12.463	105	213330	25.415	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	25389	25.094	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	183416	26.093	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	180972	25.598	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	98222	24.852	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	100262	25.100	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	91940	26.126	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5094	22.297	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.621	180	72297	24.889	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	55659	23.319	ug/L	98
71) Naphthalene	15.359	128	99483	22.420	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	49770	23.892	ug/L	96

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

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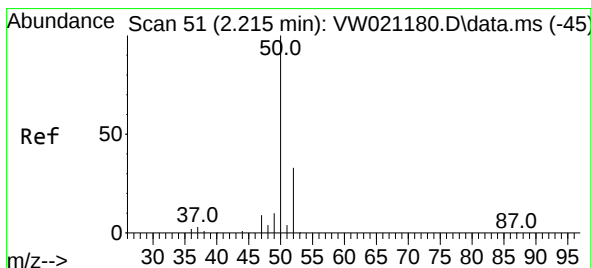
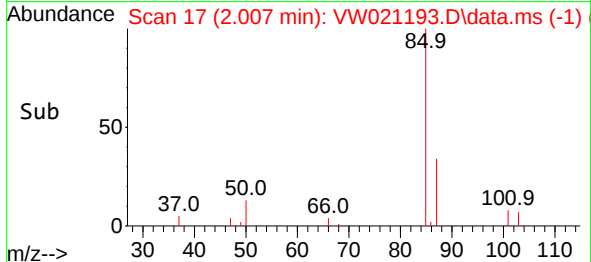
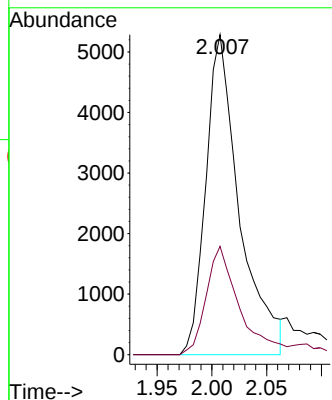
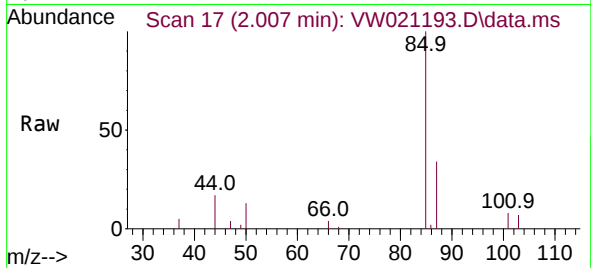




#2
Dichlorodifluoromethane
Concen: 20.129 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

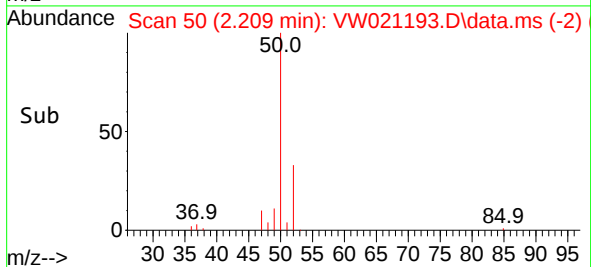
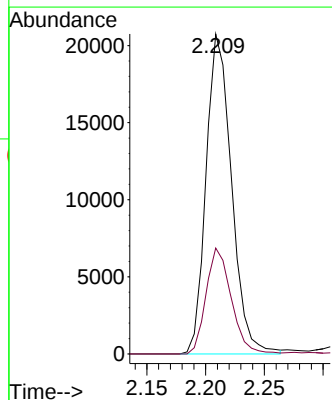
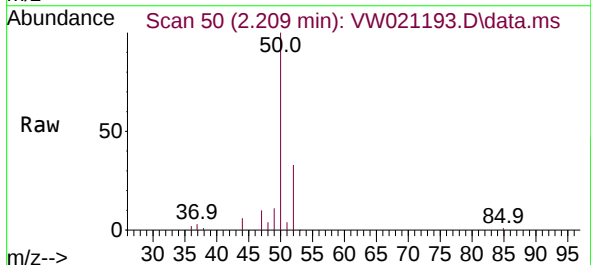
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

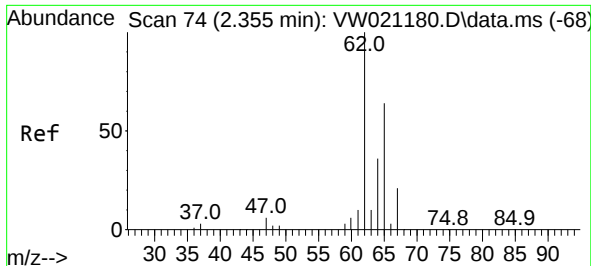
Tgt Ion: 85 Resp: 11241
Ion Ratio Lower Upper
85 100
87 33.4 25.8 38.6



#3
Chloromethane
Concen: 25.037 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 50 Resp: 31302
Ion Ratio Lower Upper
50 100
52 33.1 23.4 43.6

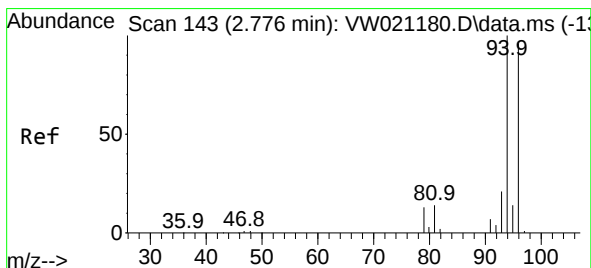
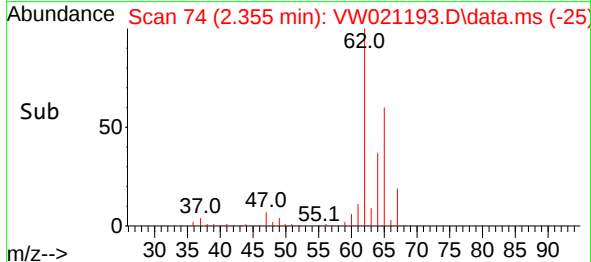
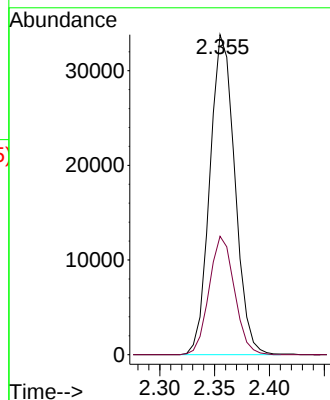
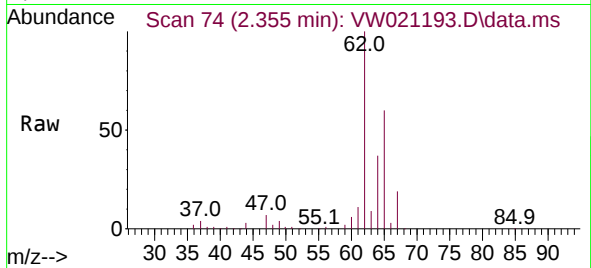




#5
 Vinyl chloride
 Concen: 24.682 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW021193.D
 Acq: 07 Dec 2021 02:03

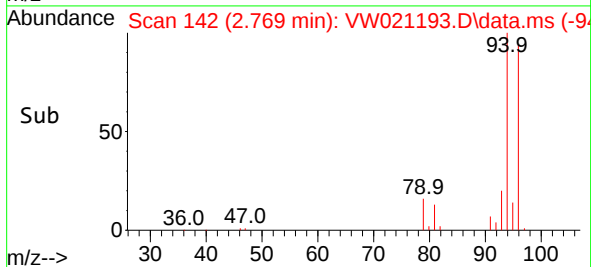
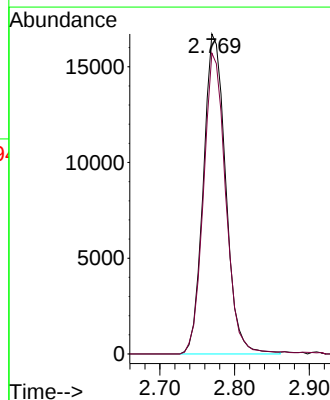
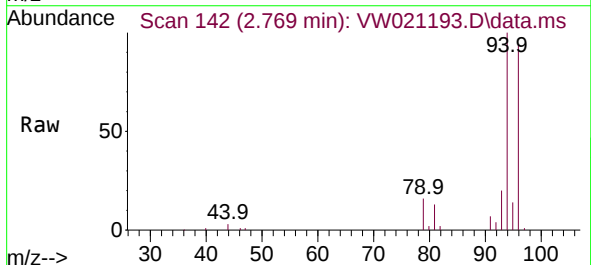
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 ClientSampleId :
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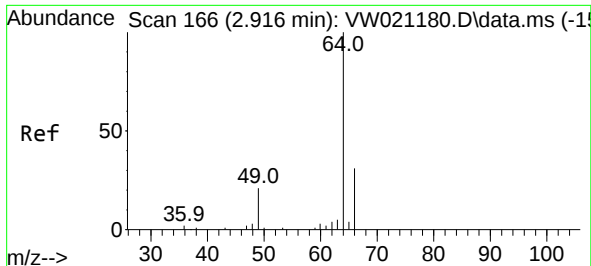
Tgt Ion: 62 Resp: 53606
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.4 45.2



#6
 Bromomethane
 Concen: 23.968 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW021193.D
 Acq: 07 Dec 2021 02:03

Tgt Ion: 94 Resp: 34613
 Ion Ratio Lower Upper
 94 100
 96 94.0 64.8 120.4

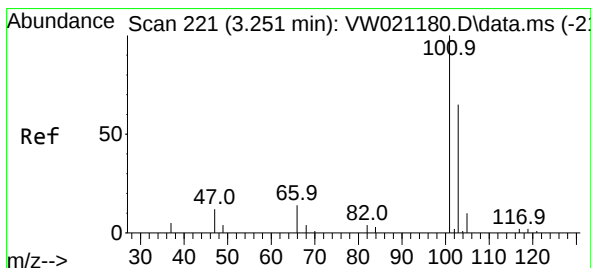
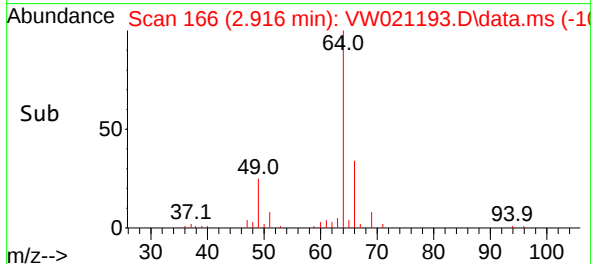
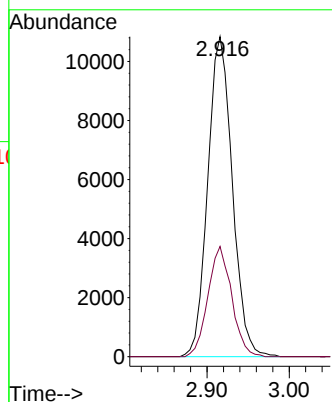
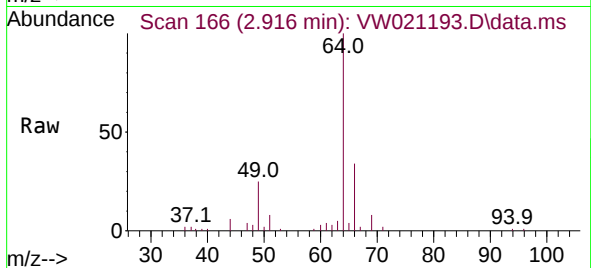




#8
Chloroethane
Concen: 24.854 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

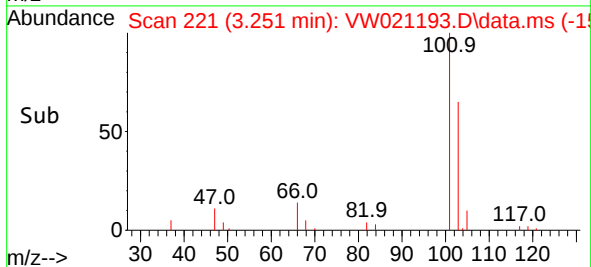
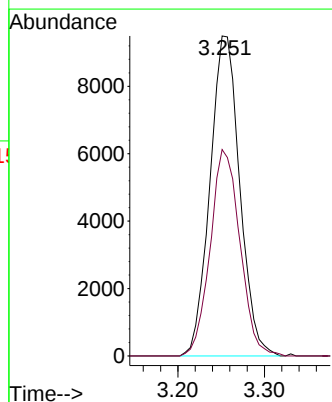
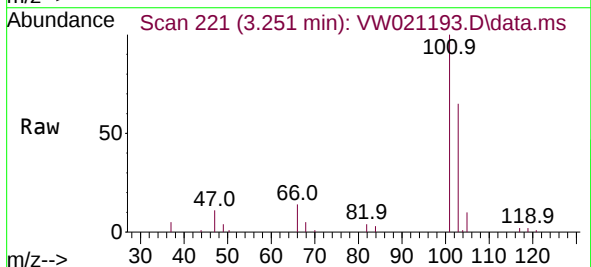
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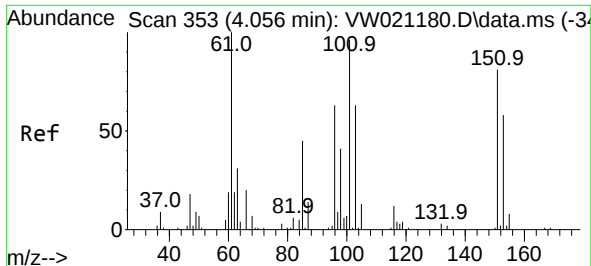
Tgt Ion: 64 Resp: 22497
Ion Ratio Lower Upper
64 100
66 34.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.604 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 101 Resp: 22657
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

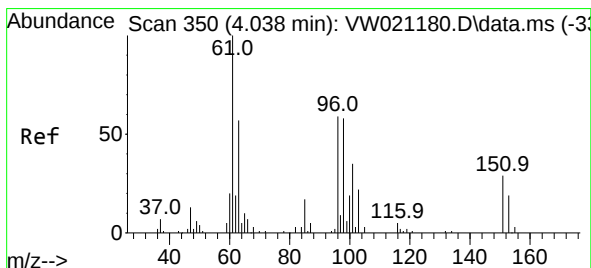
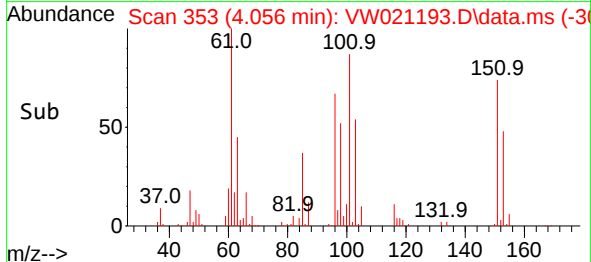
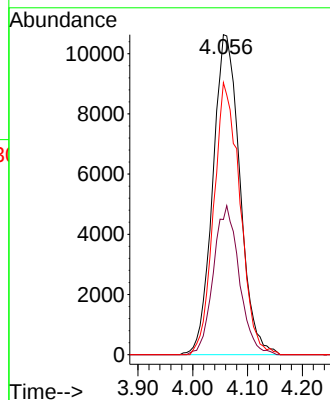
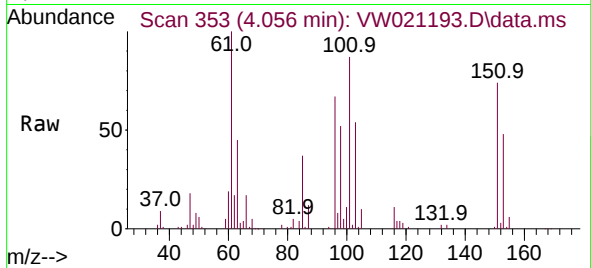




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.220 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW021193.D
 Acq: 07 Dec 2021 02:03

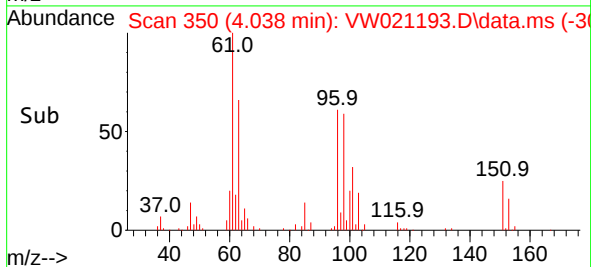
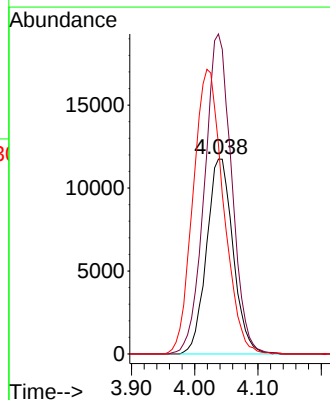
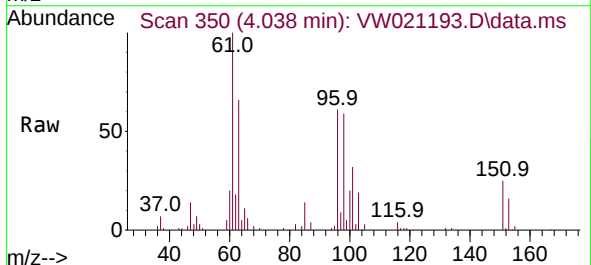
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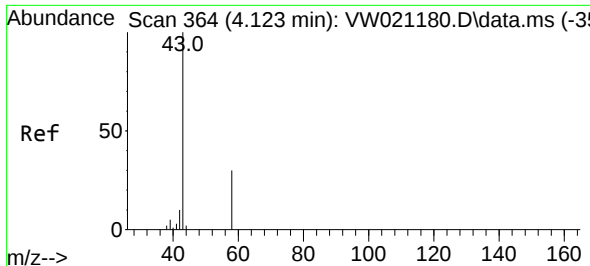
Tgt Ion:101 Resp: 36474
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.6 54.8
 151 82.3 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.035 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021193.D
 Acq: 07 Dec 2021 02:03

Tgt Ion: 96 Resp: 34184
 Ion Ratio Lower Upper
 96 100
 61 164.2 138.3 256.9
 63 107.6 82.6 153.4





#13

Acetone

Concen: 34.698 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

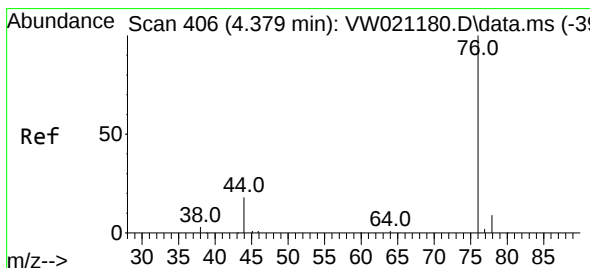
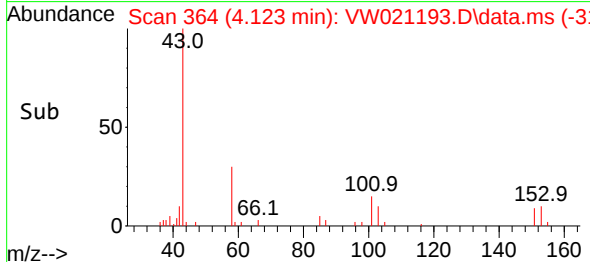
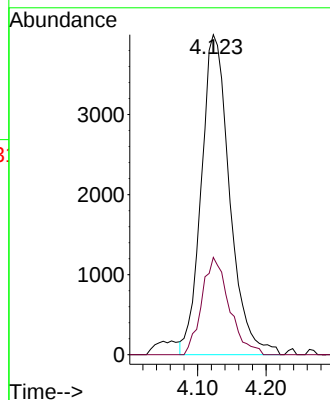
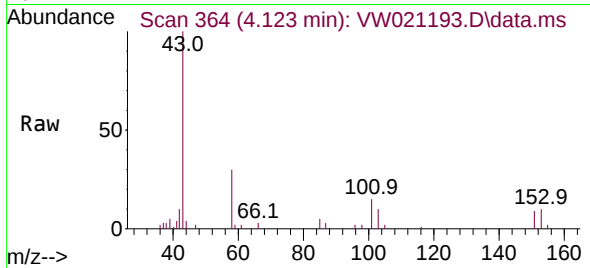
VSTD025514

Tgt Ion: 43 Resp: 11484

Ion Ratio Lower Upper

43 100

58 29.4 0.0 52.8



#14

Carbon disulfide

Concen: 22.163 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

Lab File: VW021193.D

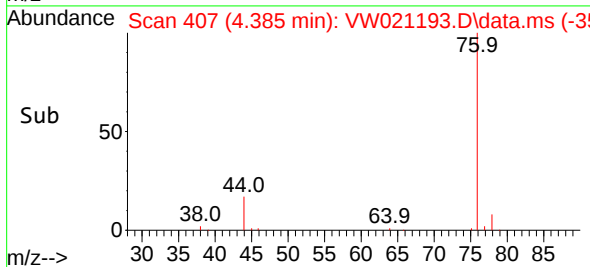
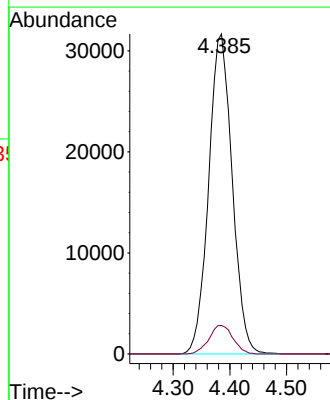
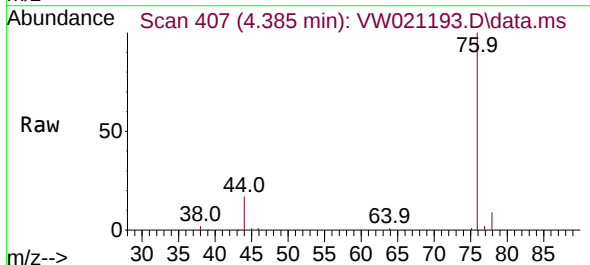
Acq: 07 Dec 2021 02:03

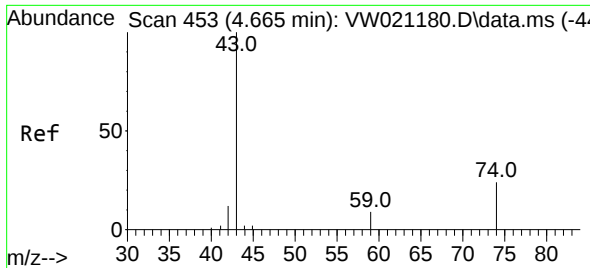
Tgt Ion: 76 Resp: 91295

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

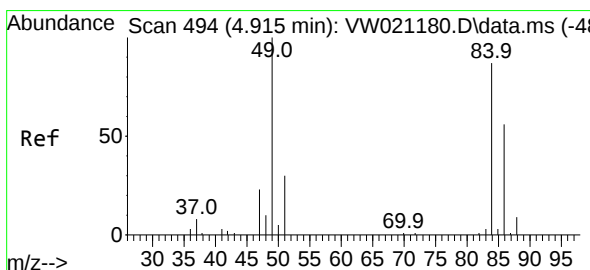
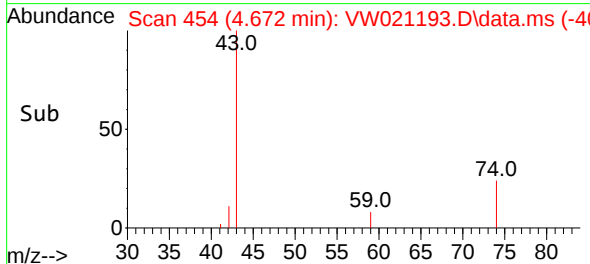
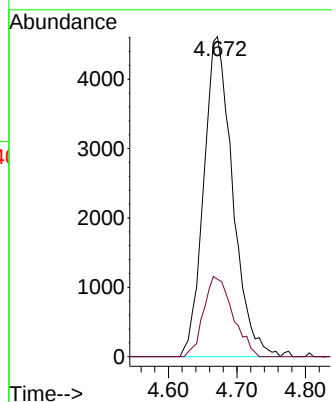
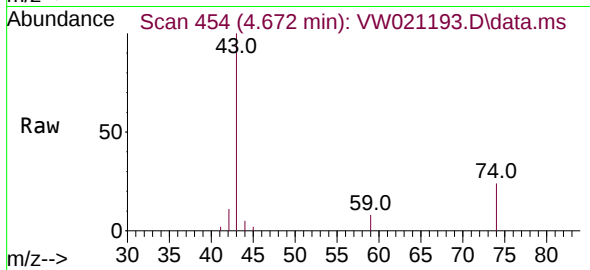




#15
Methyl Acetate
Concen: 22.571 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

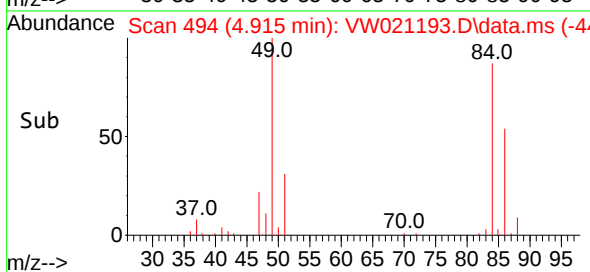
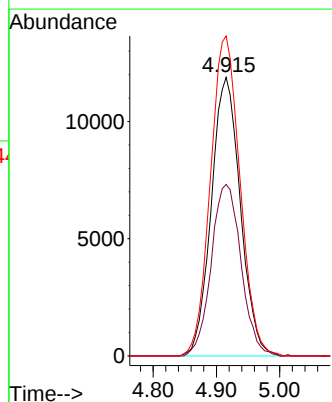
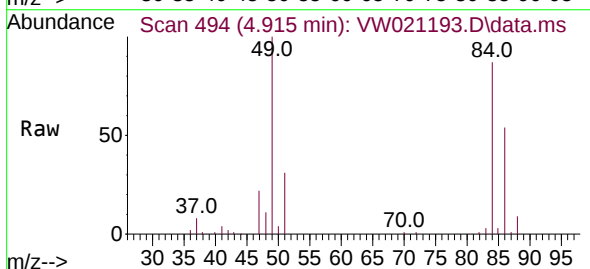
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

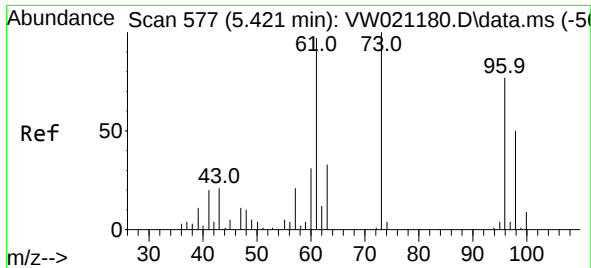
Tgt Ion: 43 Resp: 13545
Ion Ratio Lower Upper
43 100
74 25.3 16.4 24.6#



#16
Methylene chloride
Concen: 21.034 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 84 Resp: 37887
Ion Ratio Lower Upper
84 100
86 61.6 45.5 84.5
49 114.8 100.5 186.7

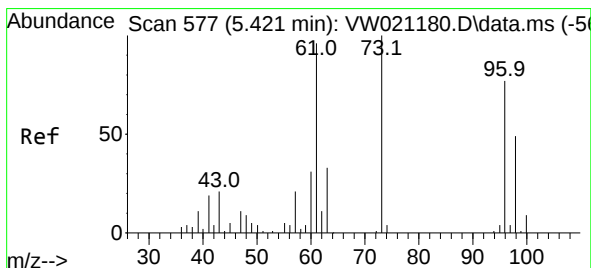
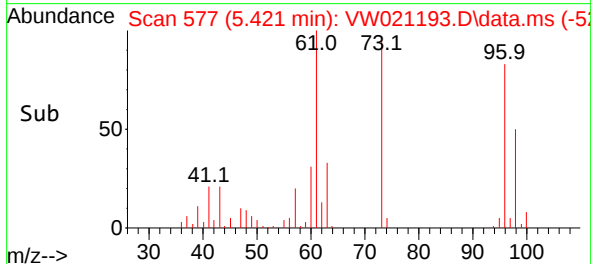
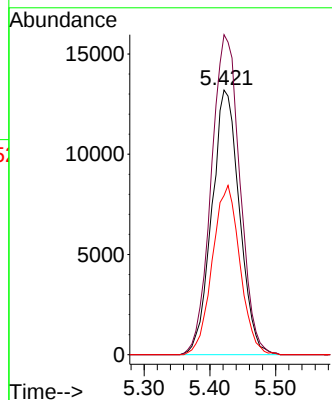
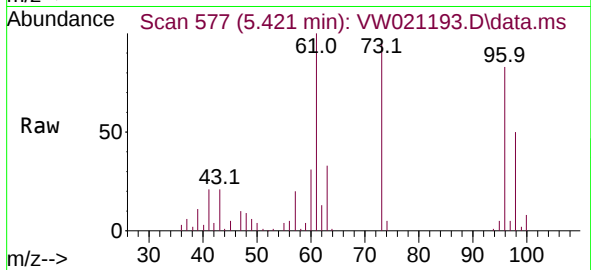




#17
trans-1,2-Dichloroethene
Concen: 24.452 ug/L
RT: 5.421 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

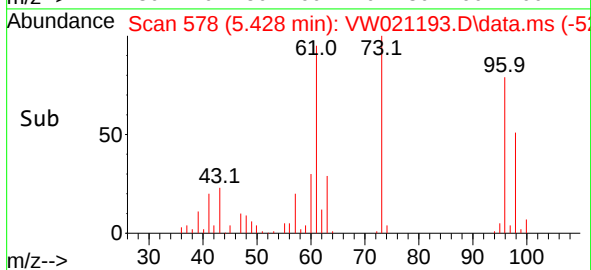
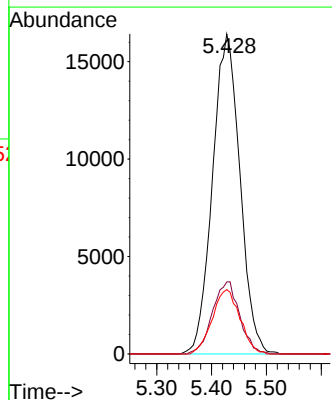
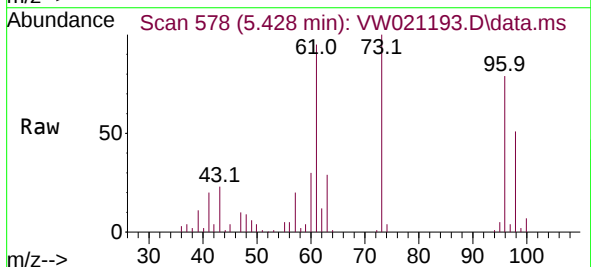
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

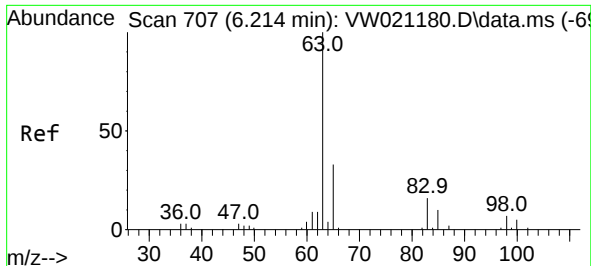
Tgt Ion: 96 Resp: 38637
Ion Ratio Lower Upper
96 100
61 120.9 107.4 199.4
98 60.1 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.929 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 73 Resp: 57068
Ion Ratio Lower Upper
73 100
43 22.4 19.5 29.3
57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.191 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

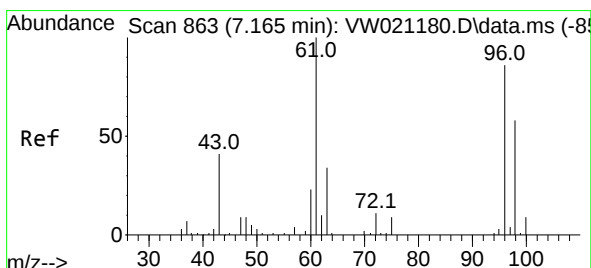
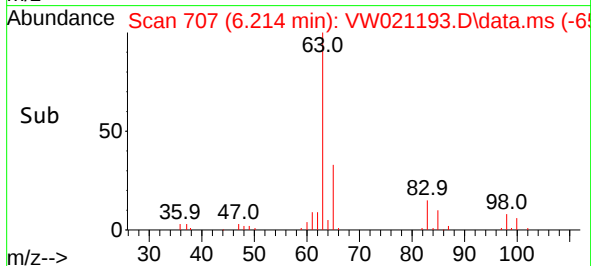
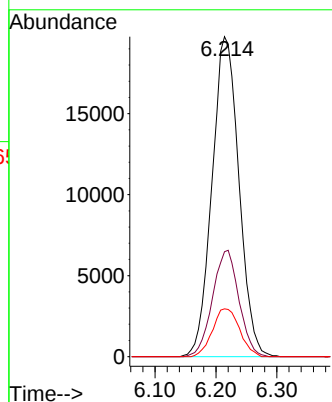
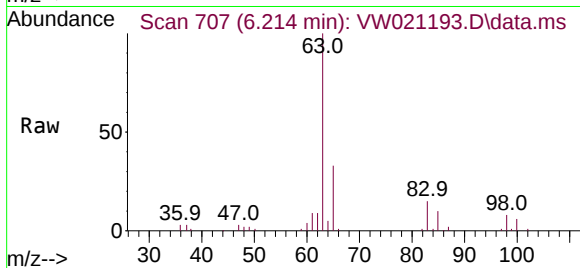
Tgt Ion: 63 Resp: 60611

Ion Ratio Lower Upper

63 100

65 32.8 22.1 41.1

83 14.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.259 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

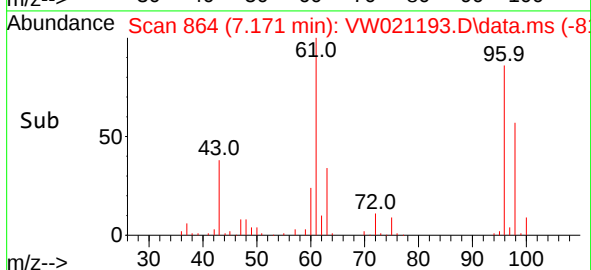
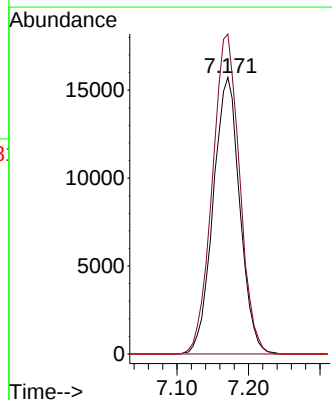
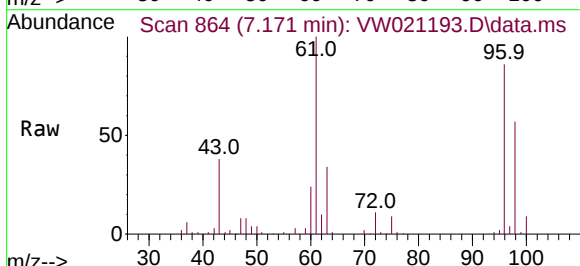
Tgt Ion: 96 Resp: 40666

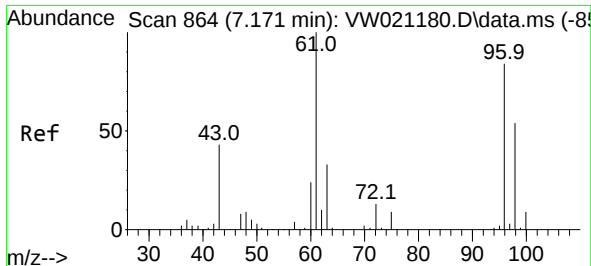
Ion Ratio Lower Upper

96 100

61 115.7 103.7 192.7

68 0.0 0.0 0.0

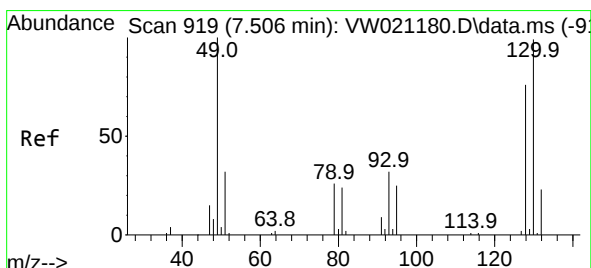
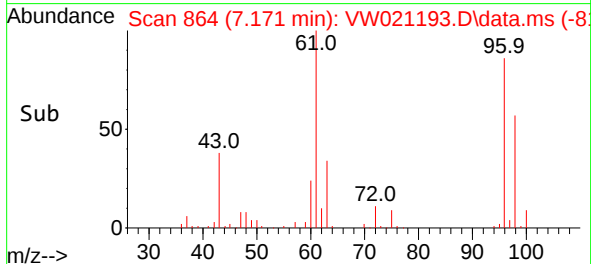
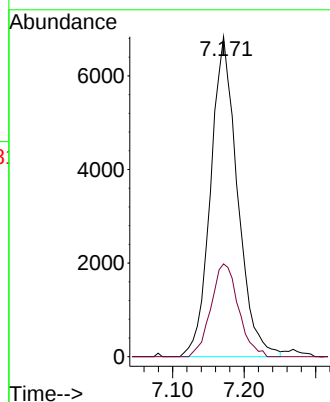
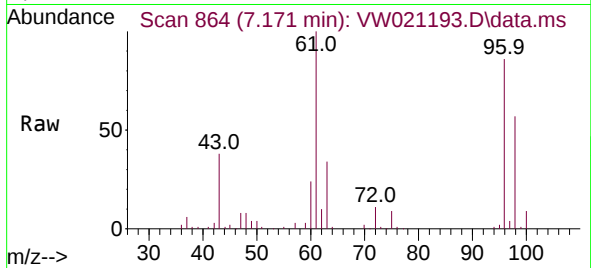




#22
2-Butanone
Concen: 38.995 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

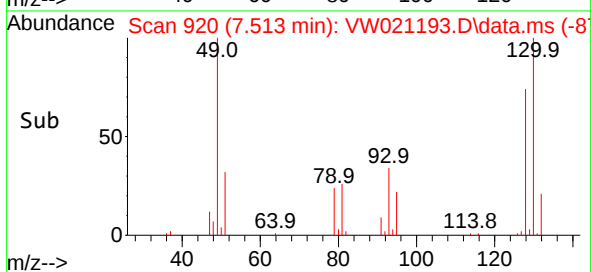
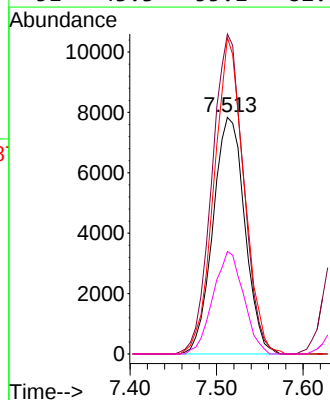
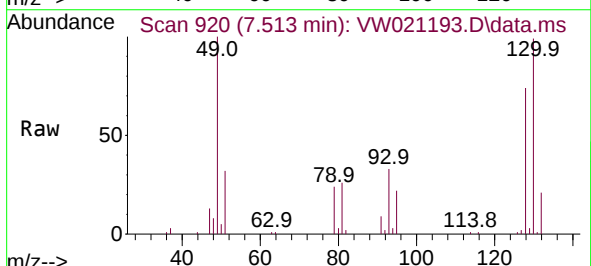
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

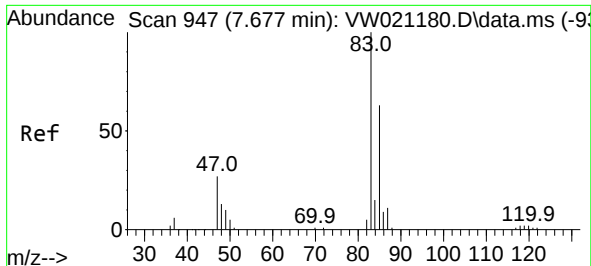
Tgt Ion: 43 Resp: 17861
Ion Ratio Lower Upper
43 100
72 29.6 11.8 35.4



#23
Bromochloromethane
Concen: 25.465 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 128 Resp: 19973
Ion Ratio Lower Upper
128 100
49 135.2 150.3 279.1#
130 133.8 88.3 163.9
51 43.3 55.1 82.7#





#25

Chloroform

Concen: 25.258 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

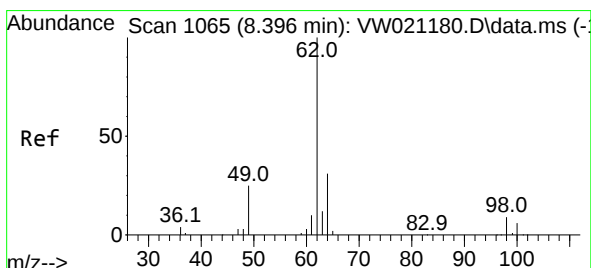
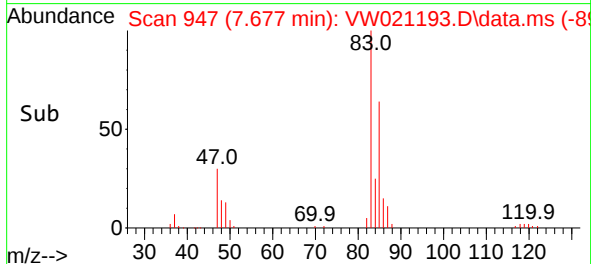
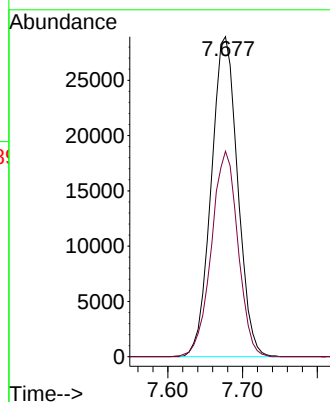
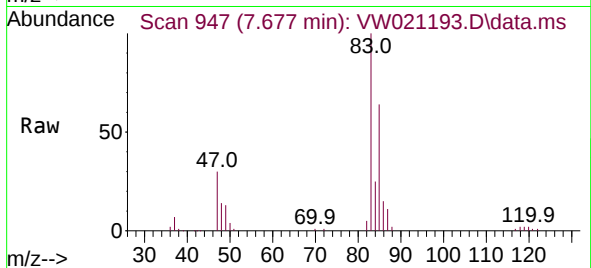
VSTD025514

Tgt Ion: 83 Resp: 71039

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 24.814 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW021193.D

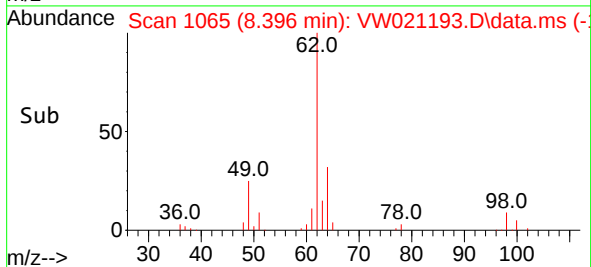
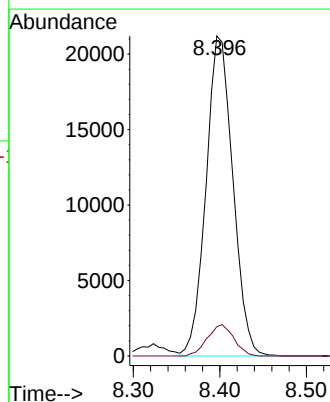
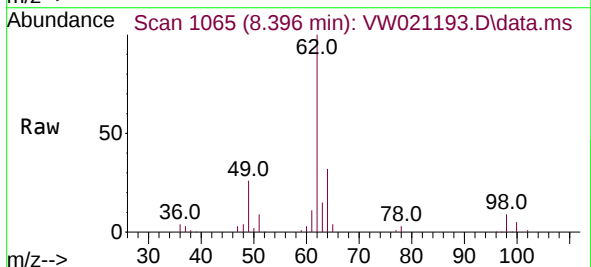
Acq: 07 Dec 2021 02:03

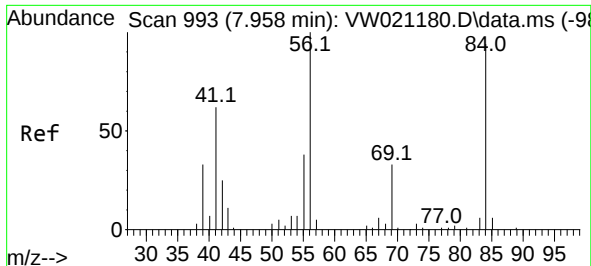
Tgt Ion: 62 Resp: 45654

Ion Ratio Lower Upper

62 100

98 9.1 6.5 9.7





#29

Cyclohexane

Concen: 21.502 ug/L

RT: 7.951 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

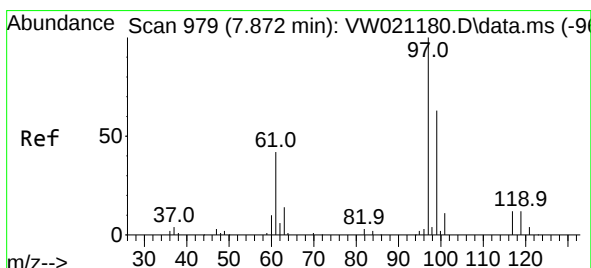
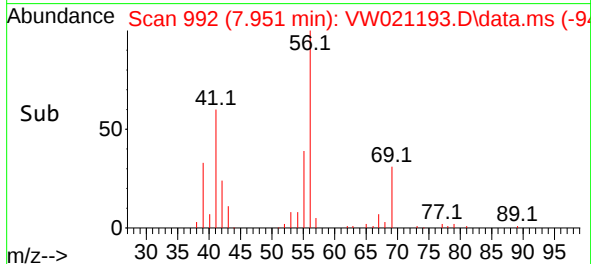
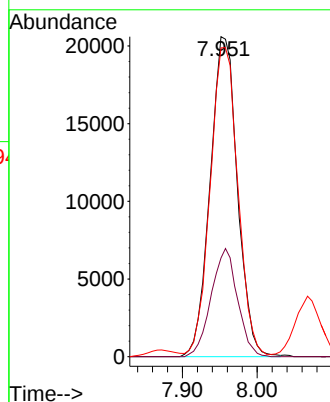
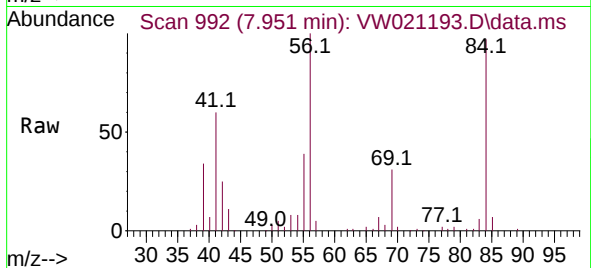
Tgt Ion: 56 Resp: 52259

Ion Ratio Lower Upper

56 100

69 32.6 23.5 35.3

84 98.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.015 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

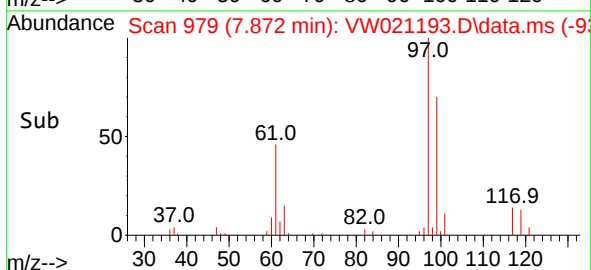
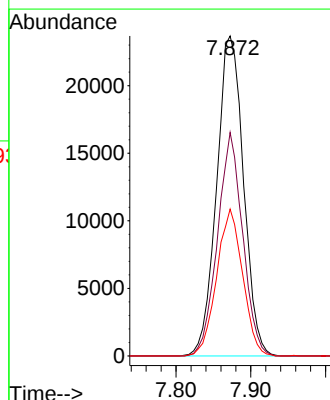
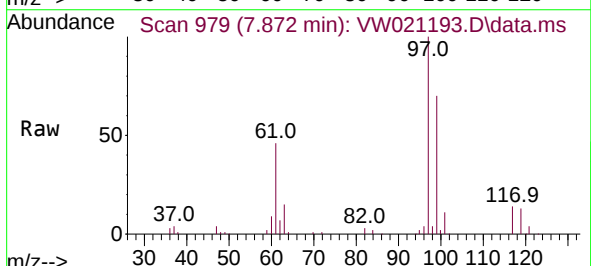
Tgt Ion: 97 Resp: 59118

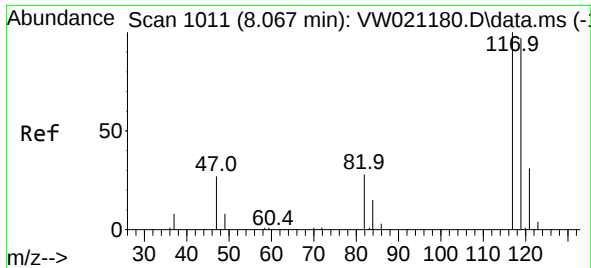
Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

61 44.4 40.9 61.3

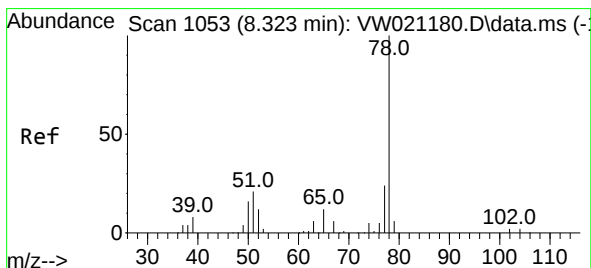
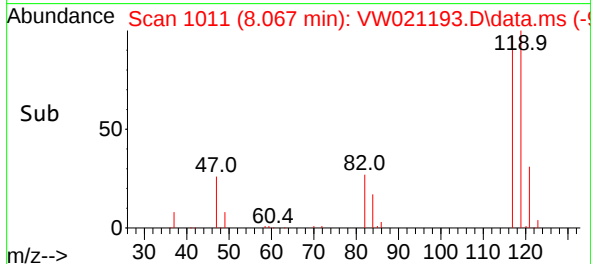
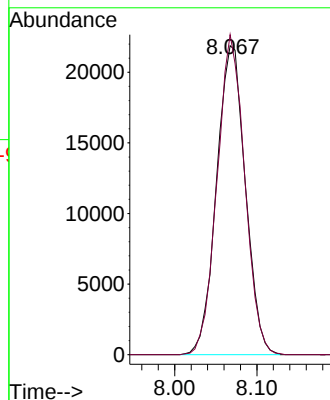
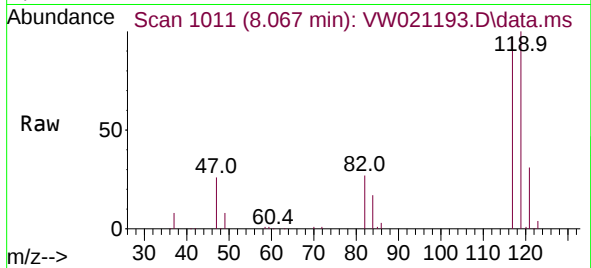




#31
Carbon tetrachloride
Concen: 22.332 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

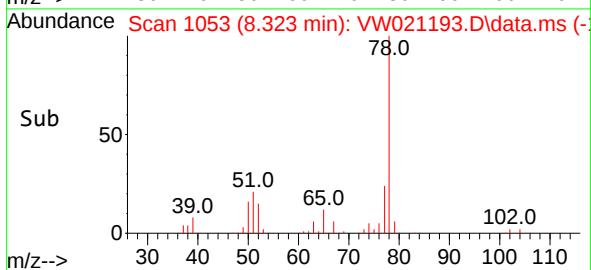
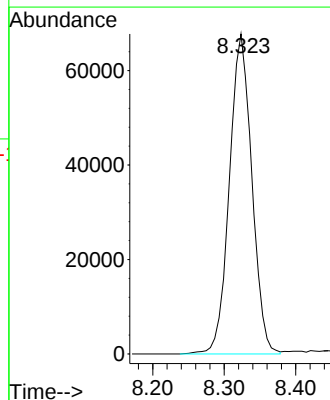
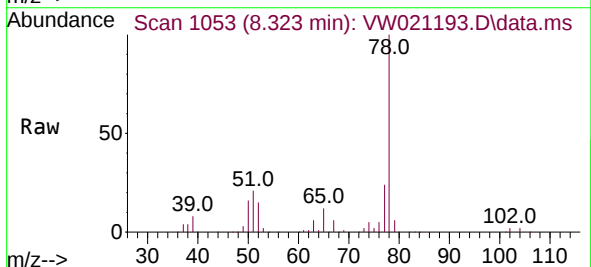
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

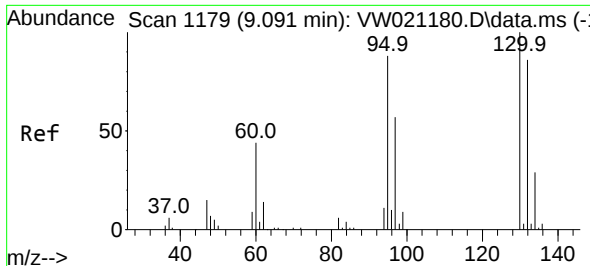
Tgt Ion:117 Resp: 53306
Ion Ratio Lower Upper
117 100
119 99.1 75.7 113.5



#33
Benzene
Concen: 23.578 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 78 Resp: 147719

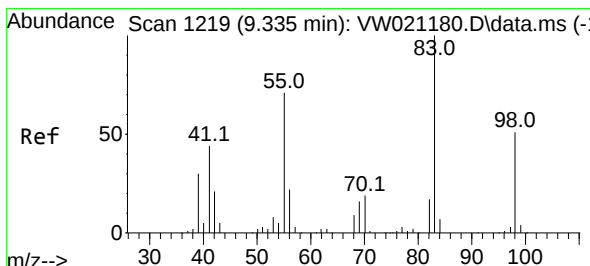
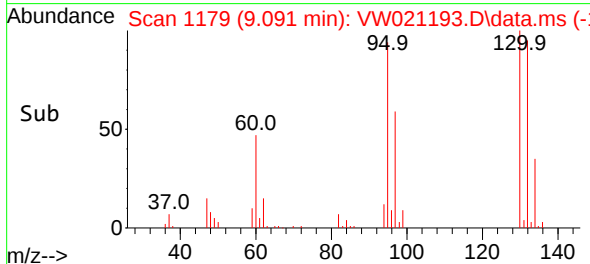
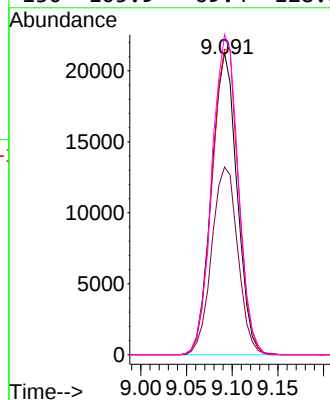
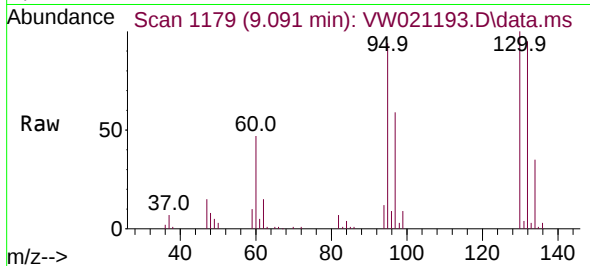




#34
Trichloroethene
Concen: 23.913 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

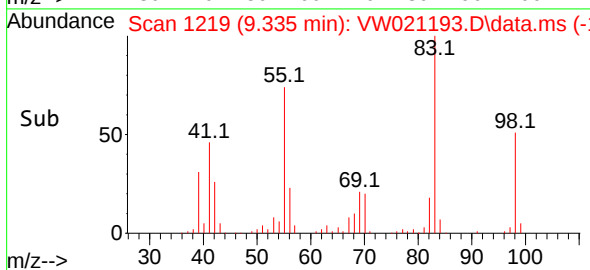
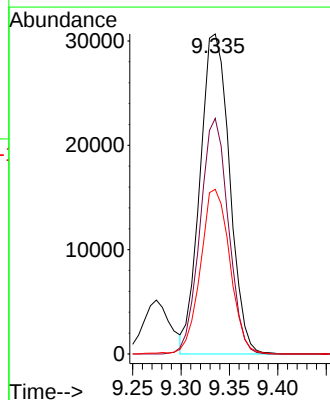
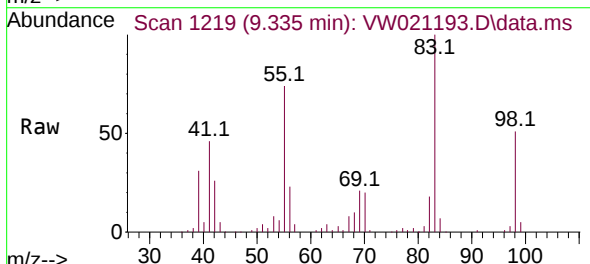
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

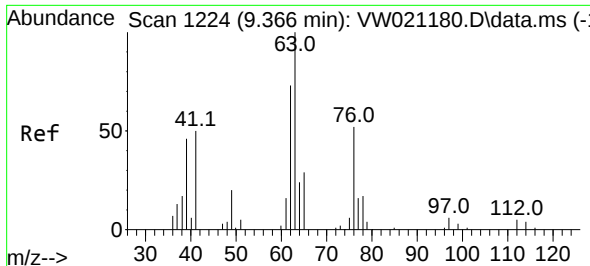
Tgt Ion: 95 Resp: 41331
Ion Ratio Lower Upper
95 100
97 62.1 47.0 87.2
132 101.1 65.5 121.6
130 105.9 69.4 128.8



#35
Methylcyclohexane
Concen: 22.450 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 83 Resp: 65313
Ion Ratio Lower Upper
83 100
55 70.1 70.8 106.2#
98 51.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.143 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

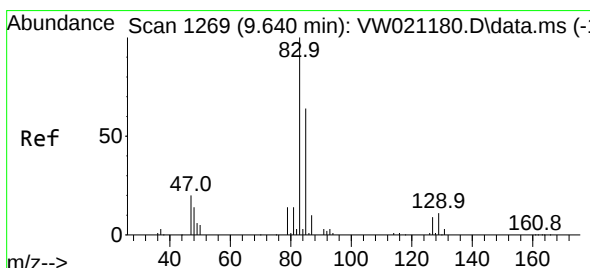
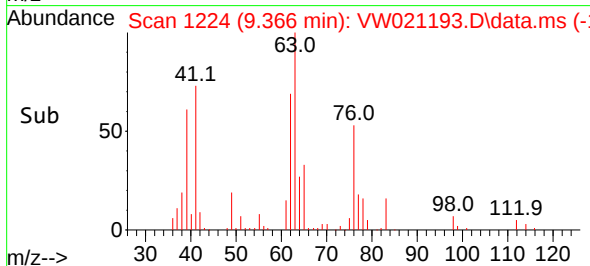
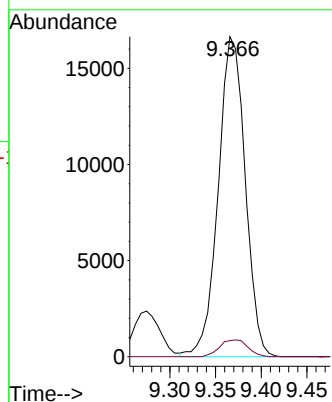
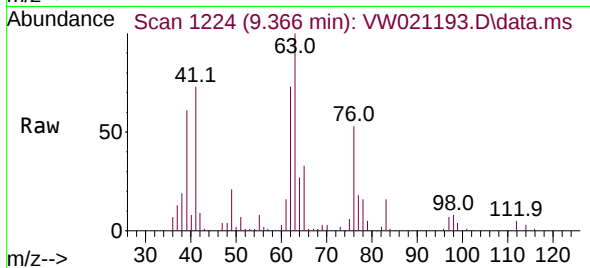
VSTD025514

Tgt Ion: 63 Resp: 34187

Ion Ratio Lower Upper

63 100

112 5.5 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.597 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

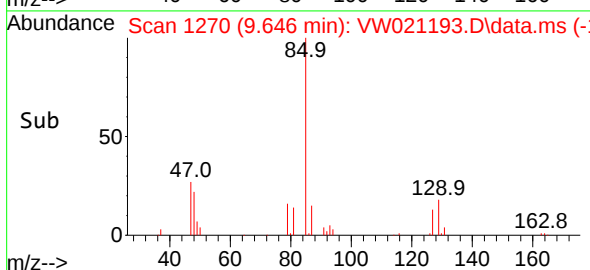
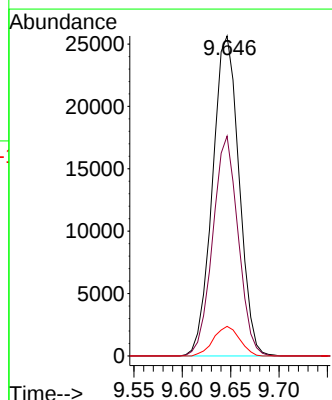
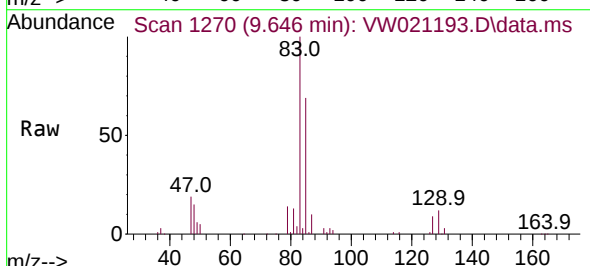
Tgt Ion: 83 Resp: 48961

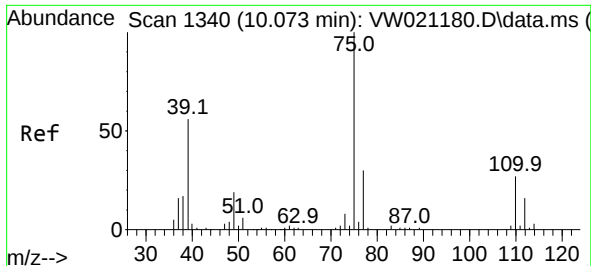
Ion Ratio Lower Upper

83 100

85 68.7 44.1 81.9

127 9.2 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.954 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

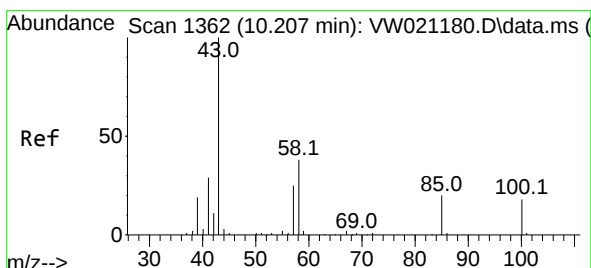
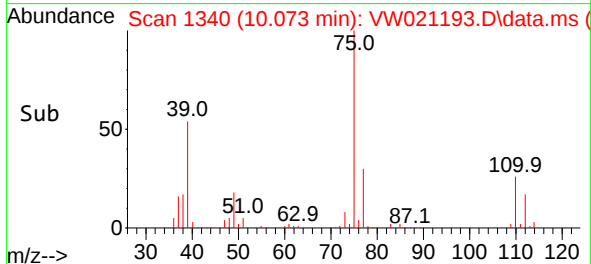
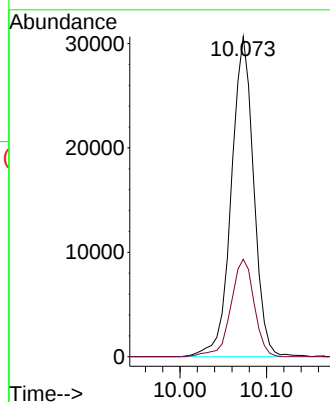
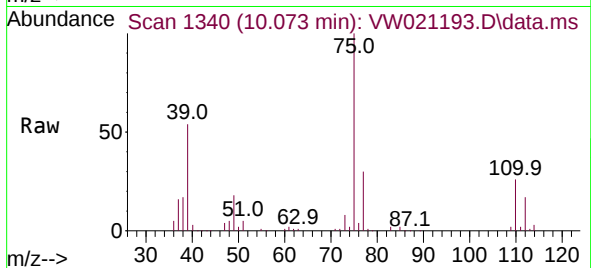
VSTD025514

Tgt Ion: 75 Resp: 54864

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.930 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

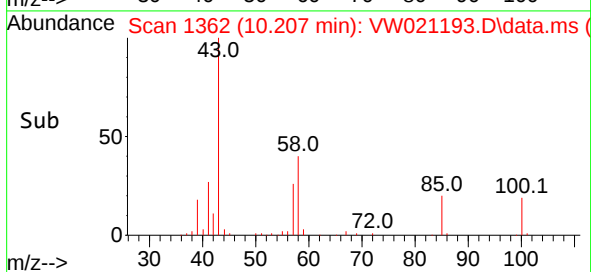
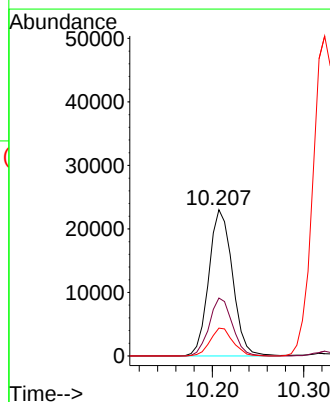
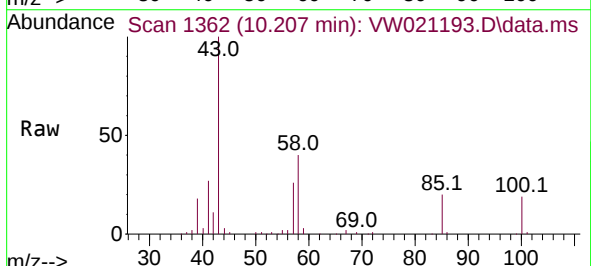
Tgt Ion: 43 Resp: 41412

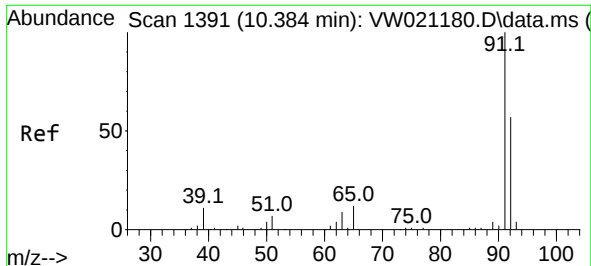
Ion Ratio Lower Upper

43 100

58 38.6 28.8 43.2

100 18.3 10.0 15.0#

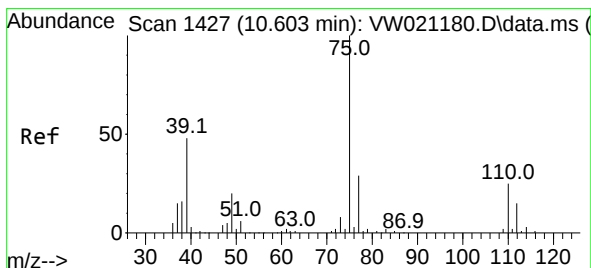
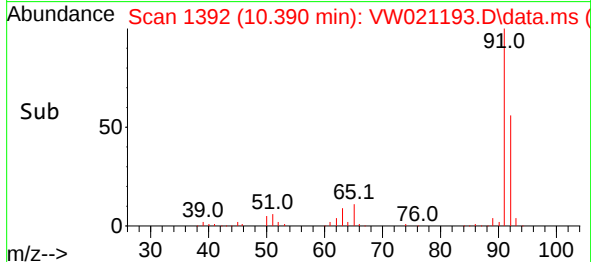
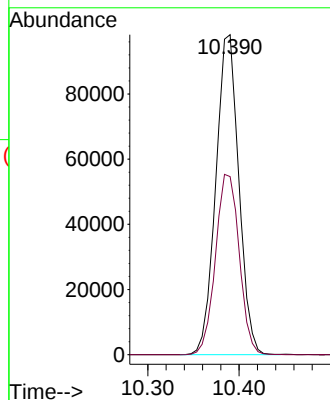
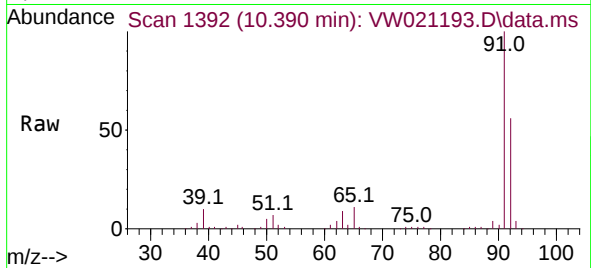




#42
Toluene
Concen: 24.005 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

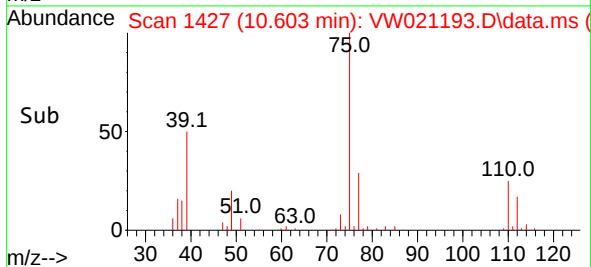
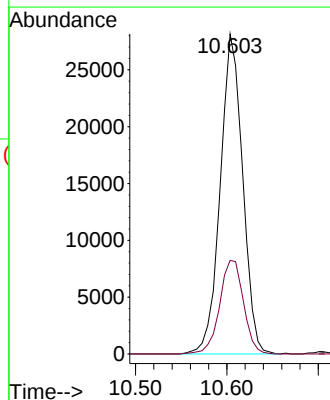
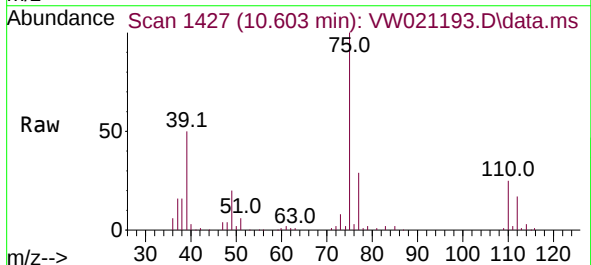
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

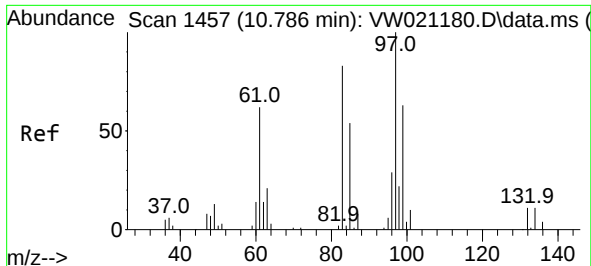
Tgt Ion: 91 Resp: 171775
Ion Ratio Lower Upper
91 100
92 55.7 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.168 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 75 Resp: 48009
Ion Ratio Lower Upper
75 100
77 29.3 22.2 41.2

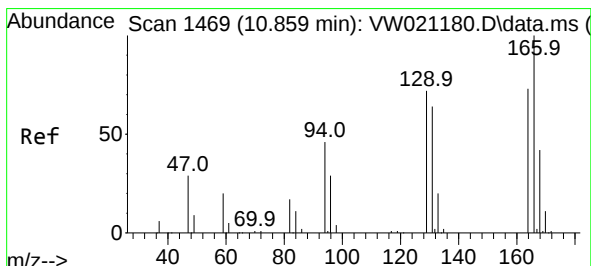
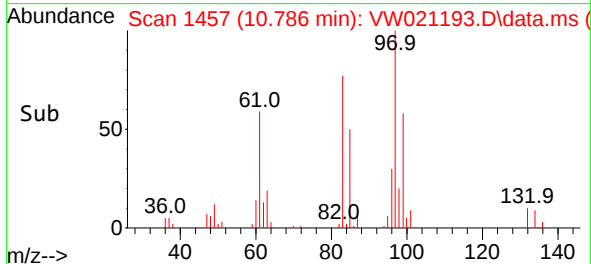
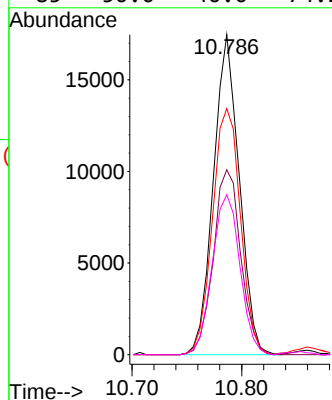
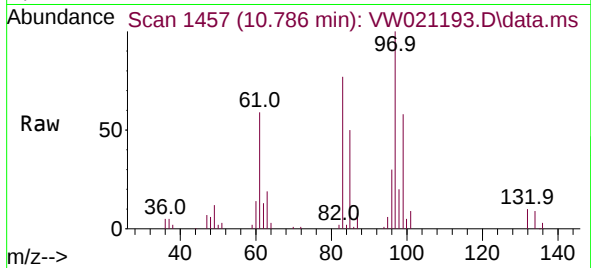




#45
1,1,2-Trichloroethane
Concen: 24.087 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

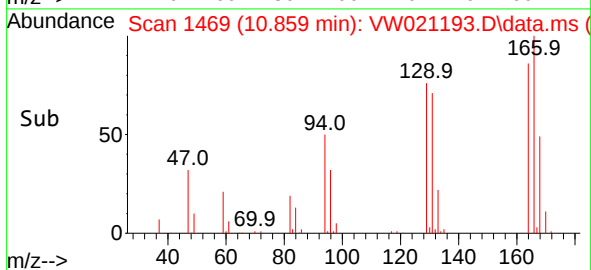
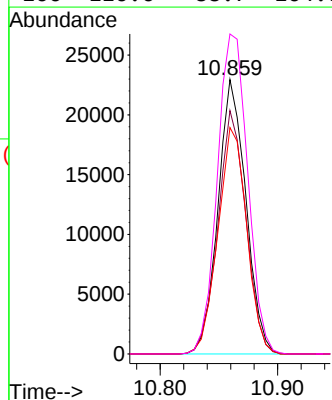
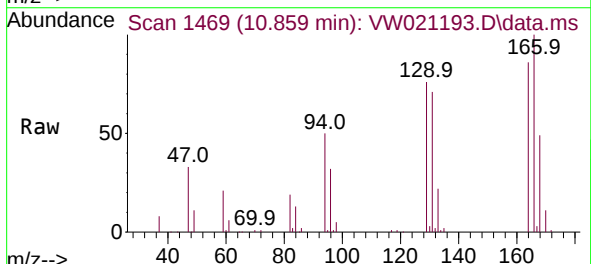
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

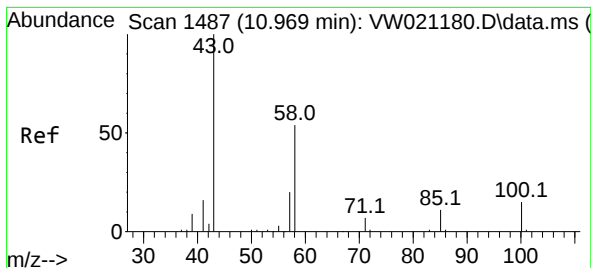
Tgt Ion: 97	Resp: 28595
Ion Ratio	Lower Upper
97 100	
99 57.8	43.0 79.8
83 76.9	62.6 116.3
85 50.0	40.0 74.2



#46
Tetrachloroethene
Concen: 23.911 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt	Ion:164	Resp:	37844
Ion	Ratio	Lower	Upper
164	100		
129	88.7	65.5	121.7
131	82.5	59.7	110.9
166	116.6	88.7	164.7

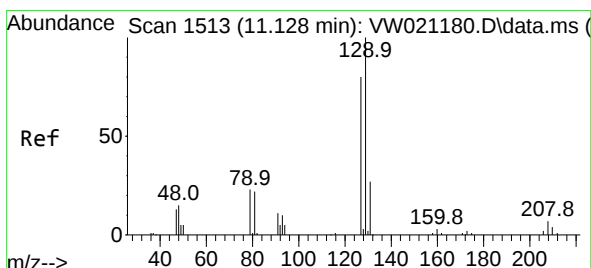
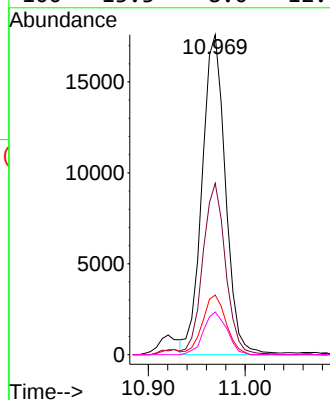
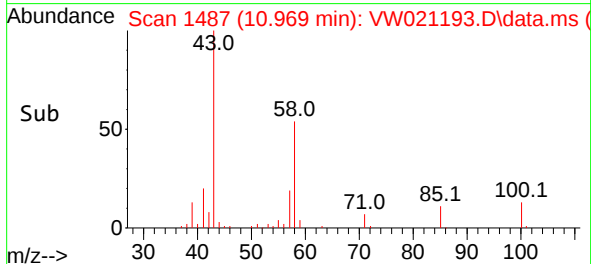
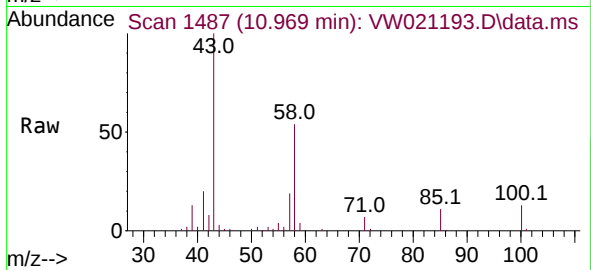




#48
2-Hexanone
Concen: 42.603 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

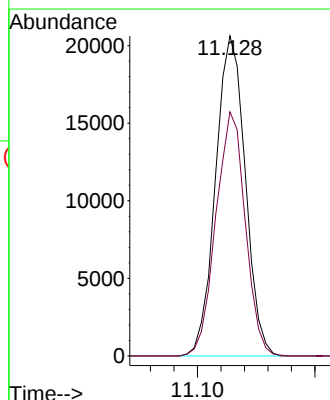
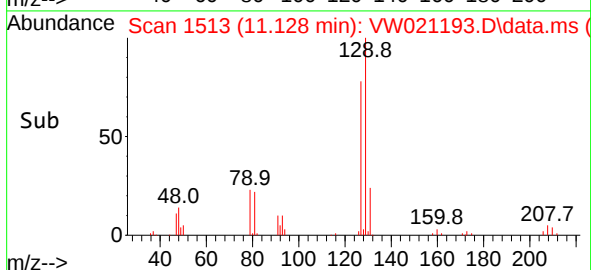
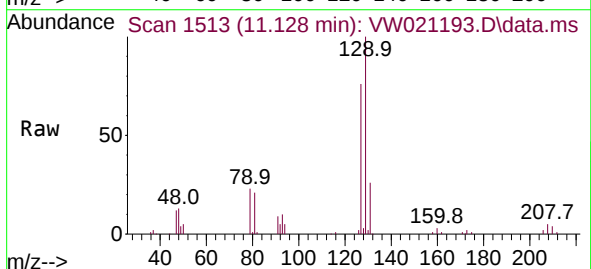
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

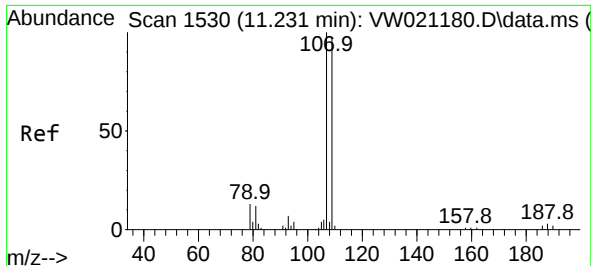
Tgt Ion: 43 Resp: 29646
Ion Ratio Lower Upper
43 100
58 52.1 40.2 60.2
57 18.9 14.3 21.5
100 13.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.407 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 129 Resp: 36214
Ion Ratio Lower Upper
129 100
127 76.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.854 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

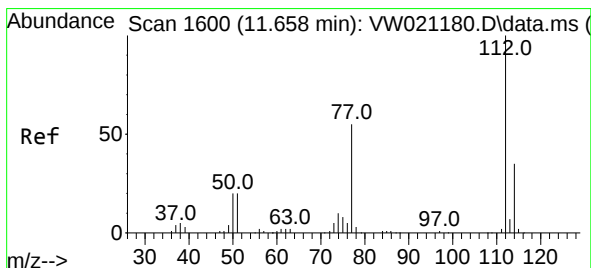
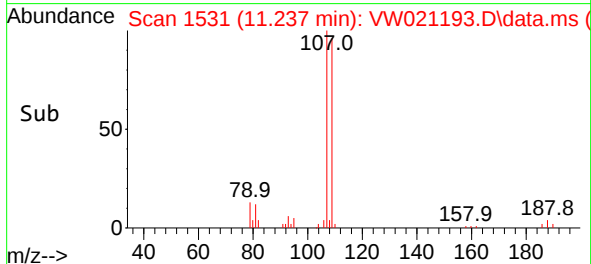
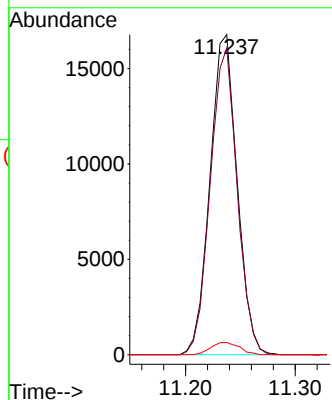
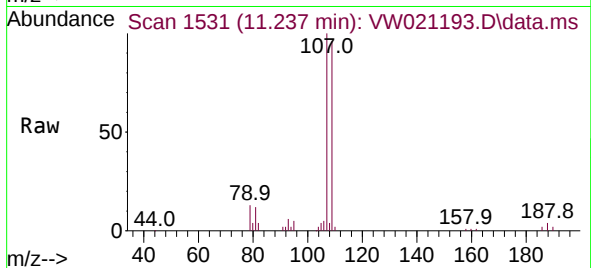
Tgt Ion:107 Resp: 28878

Ion Ratio Lower Upper

107 100

109 95.9 64.1 119.1

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 24.155 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

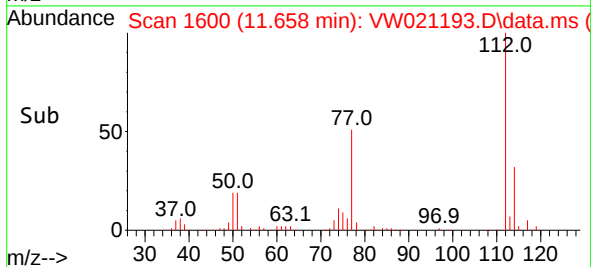
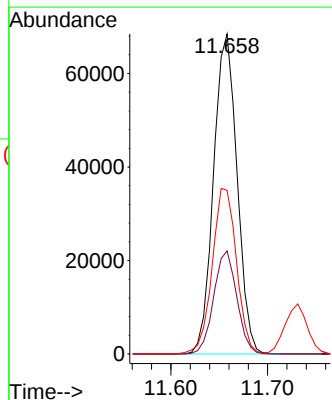
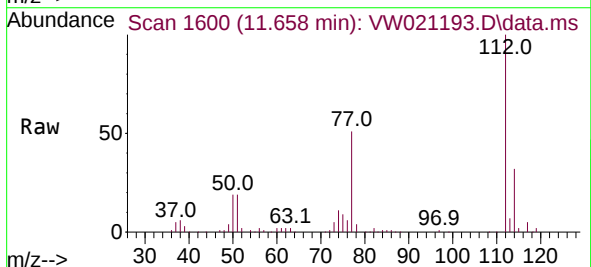
Tgt Ion:112 Resp: 115495

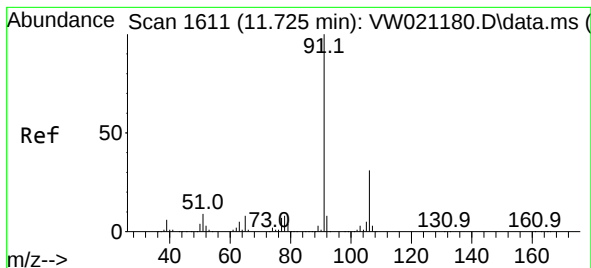
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 51.2 50.2 75.4

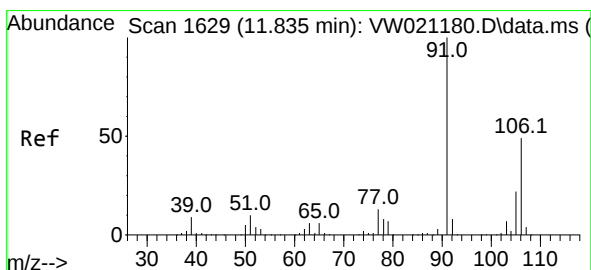
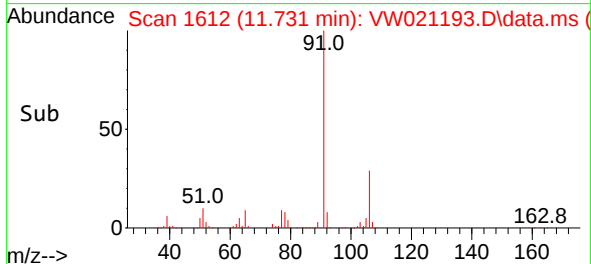
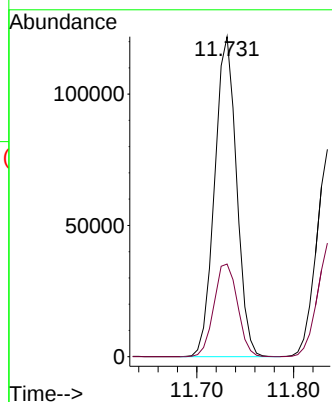
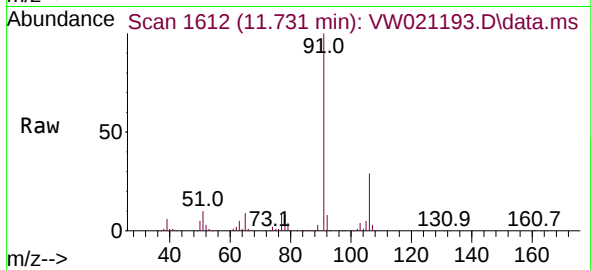




#52
Ethylbenzene
Concen: 23.807 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

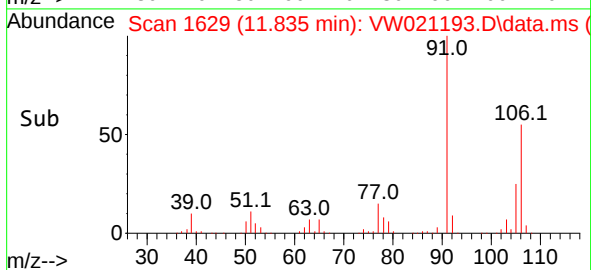
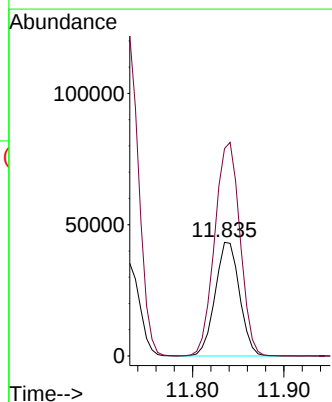
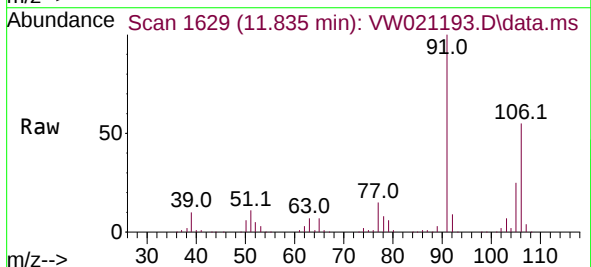
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

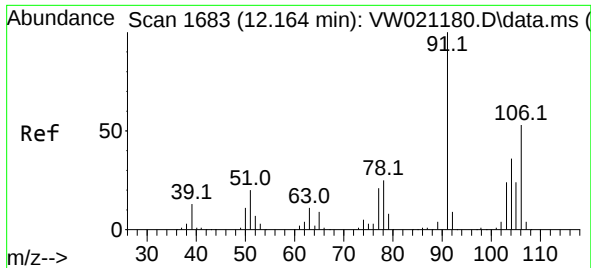
Tgt Ion: 91 Resp: 191781
Ion Ratio Lower Upper
91 100
106 28.9 21.5 39.9



#53
m,p-Xylene
Concen: 24.083 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion:106 Resp: 80259
Ion Ratio Lower Upper
106 100
91 182.4 149.9 278.3

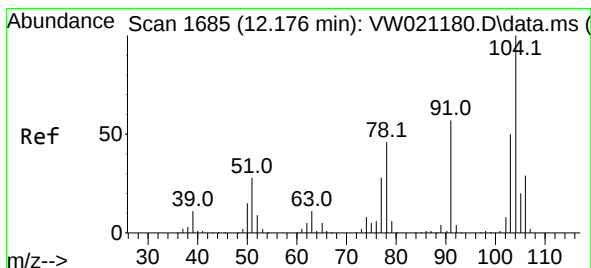
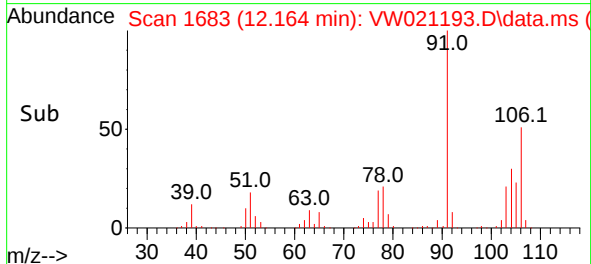
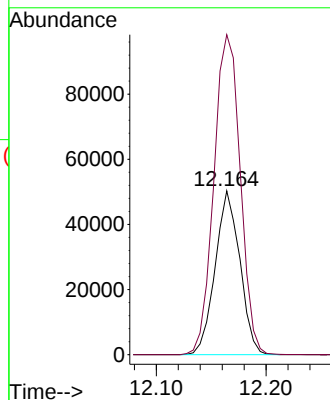
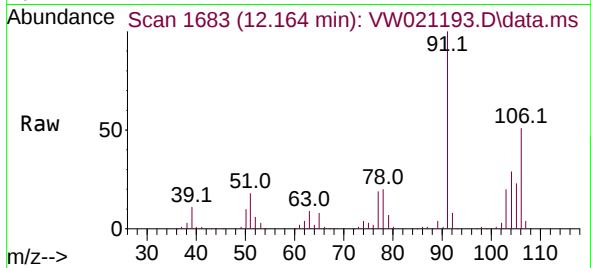




#54
o-Xylene
Concen: 25.011 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

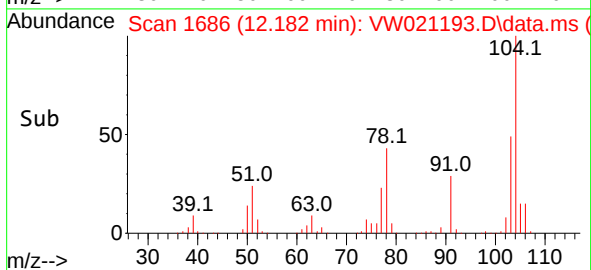
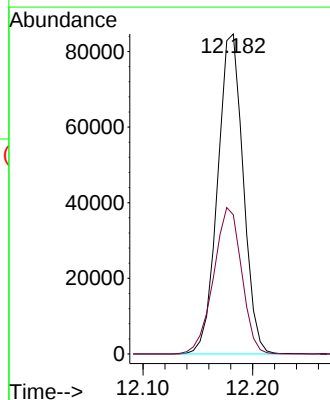
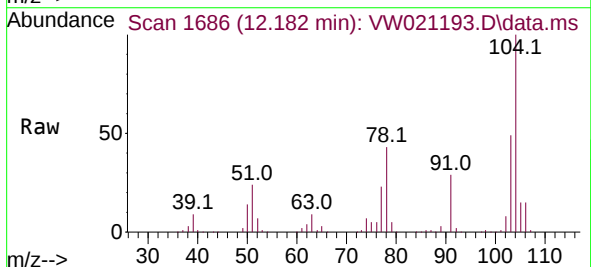
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

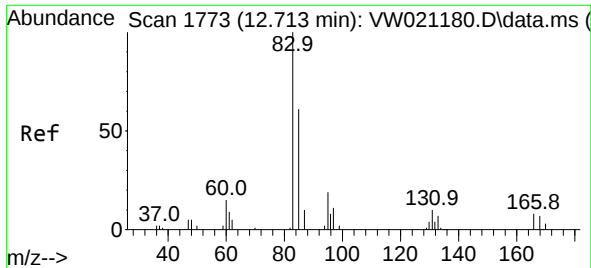
Tgt Ion:106 Resp: 78586
Ion Ratio Lower Upper
106 100
91 195.3 153.6 285.3



#55
Styrene
Concen: 25.629 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion:104 Resp: 137198
Ion Ratio Lower Upper
104 100
78 43.5 34.4 64.0

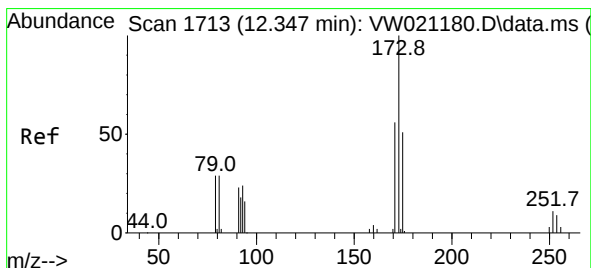
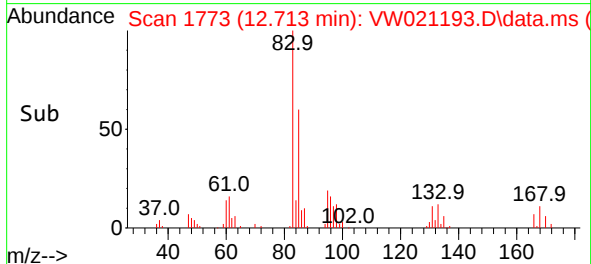
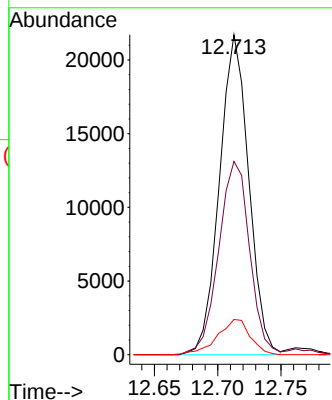
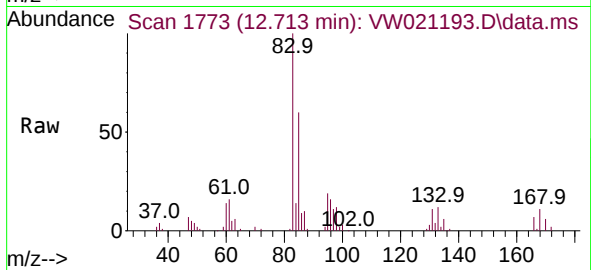




#57
1,1,2,2-Tetrachloroethane
Concen: 24.465 ug/L
RT: 12.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

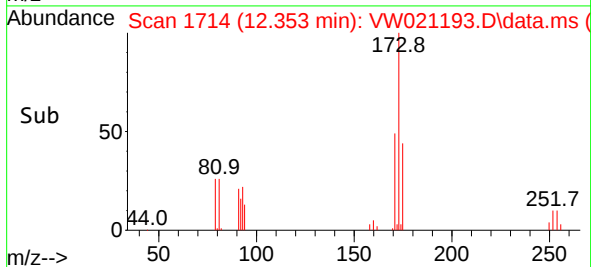
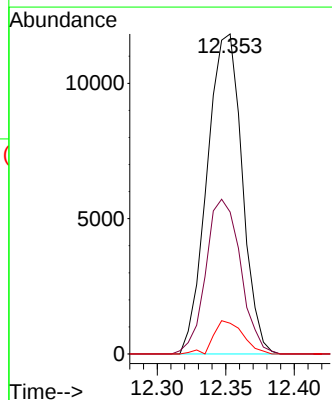
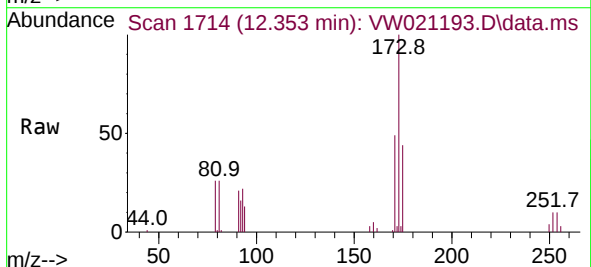
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

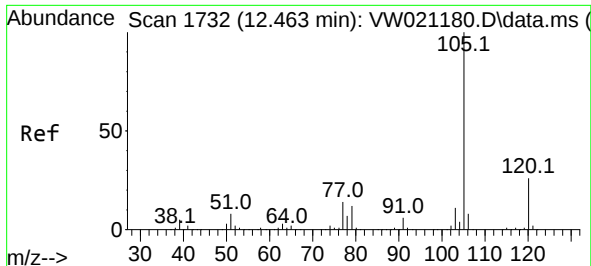
Tgt Ion: 83 Resp: 34933
Ion Ratio Lower Upper
83 100
85 60.4 44.0 81.6
131 11.0 6.9 10.3#



#59
Bromoform
Concen: 24.371 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion:173 Resp: 20991
Ion Ratio Lower Upper
173 100
175 48.0 39.6 59.4
254 8.4 7.4 11.0

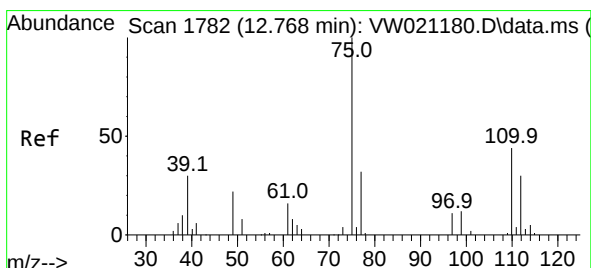
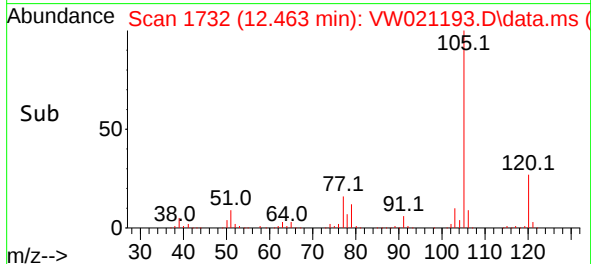
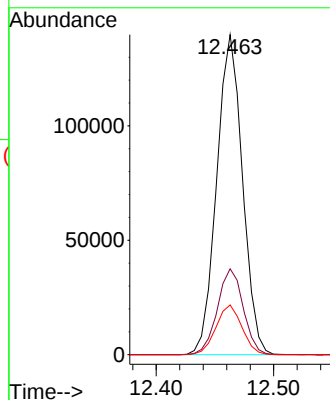
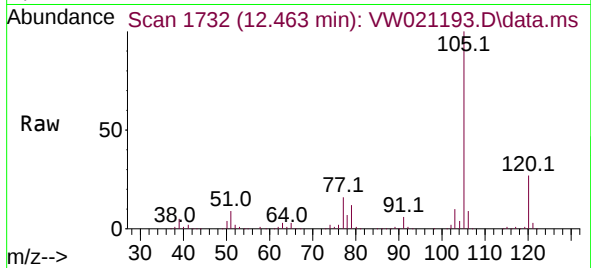




#60
Isopropylbenzene
Concen: 25.415 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

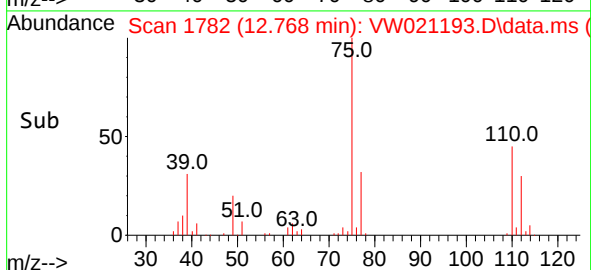
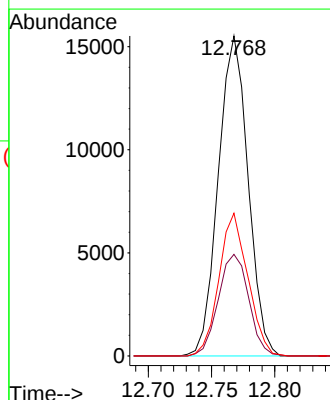
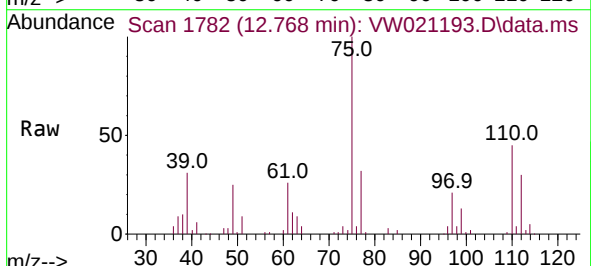
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

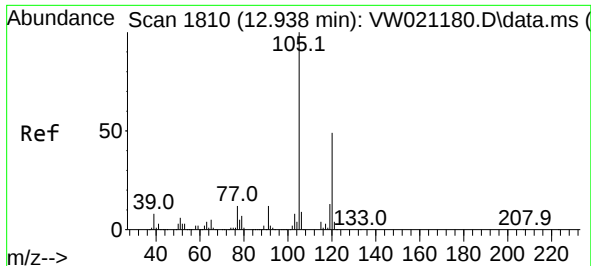
Tgt Ion:105 Resp: 213330
Ion Ratio Lower Upper
105 100
120 26.9 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.094 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion: 75 Resp: 25389
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 43.4 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 26.093 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

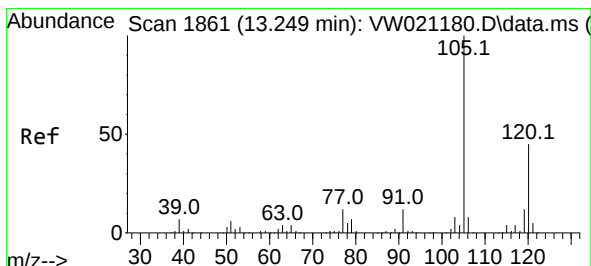
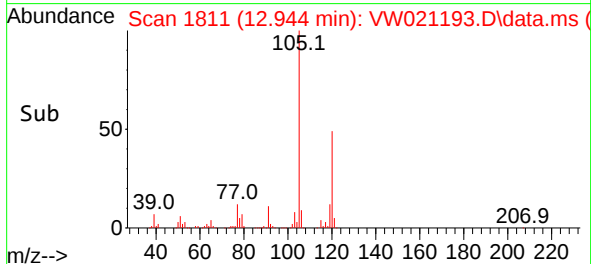
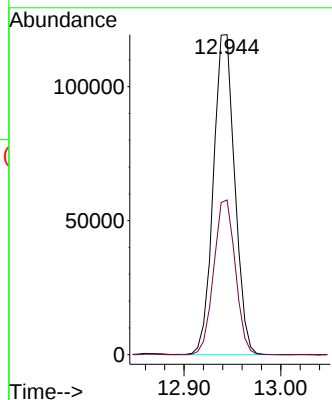
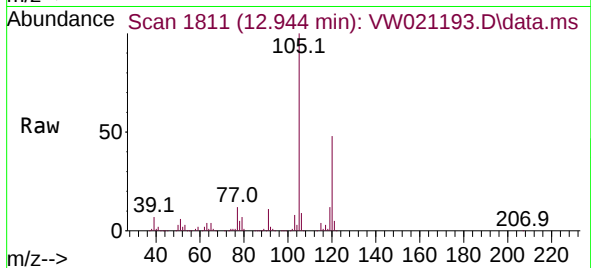
VSTD025514

Tgt Ion:105 Resp: 183416

Ion Ratio Lower Upper

105 100

120 48.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.598 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021193.D

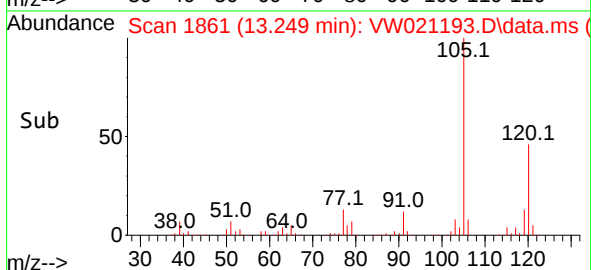
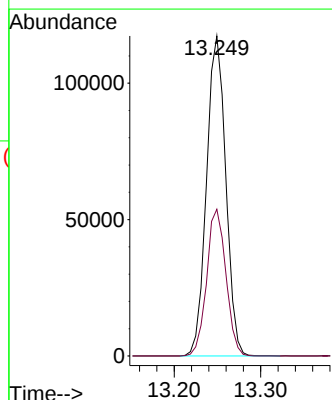
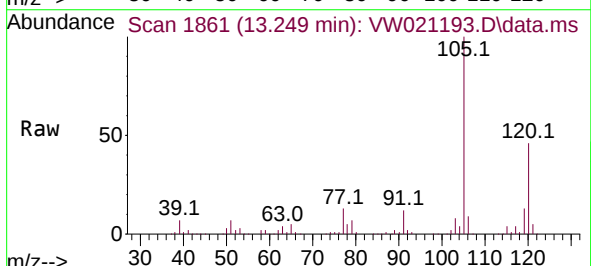
Acq: 07 Dec 2021 02:03

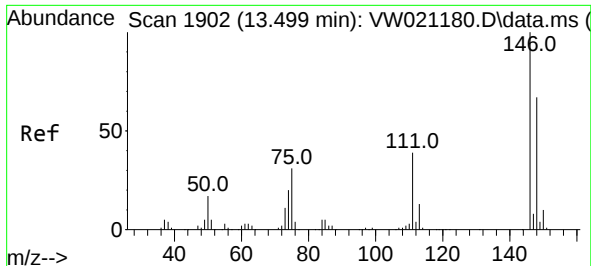
Tgt Ion:105 Resp: 180972

Ion Ratio Lower Upper

105 100

120 45.8 35.0 52.6

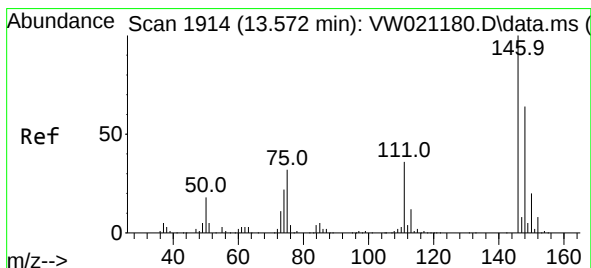
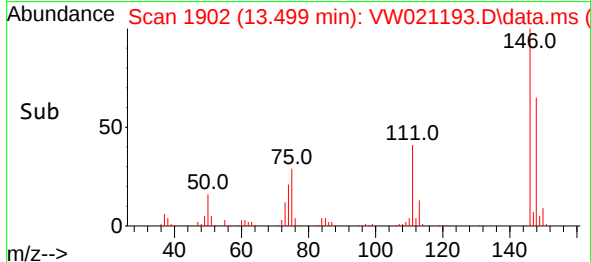
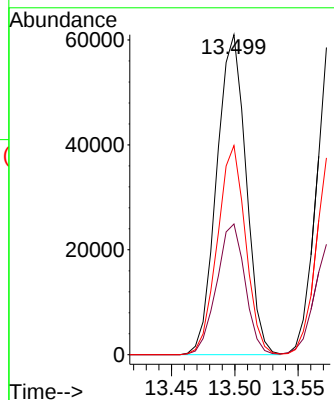
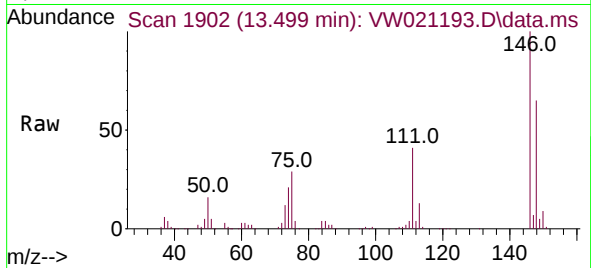




#64
1,3-Dichlorobenzene
Concen: 24.852 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

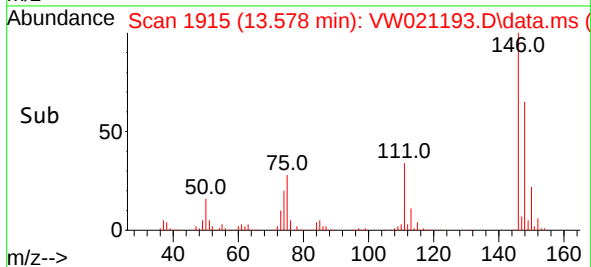
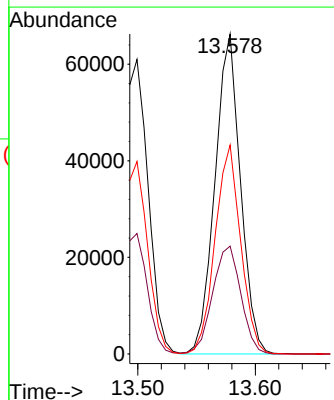
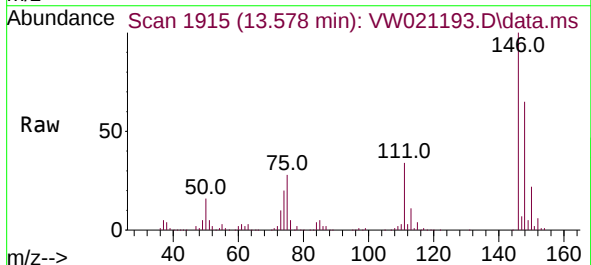
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

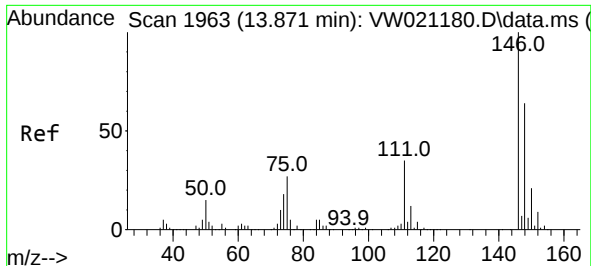
Tgt Ion:146 Resp: 98222
Ion Ratio Lower Upper
146 100
111 40.9 29.8 55.3
148 65.3 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.100 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion:146 Resp: 100262
Ion Ratio Lower Upper
146 100
111 33.7 29.0 53.9
148 65.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.126 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

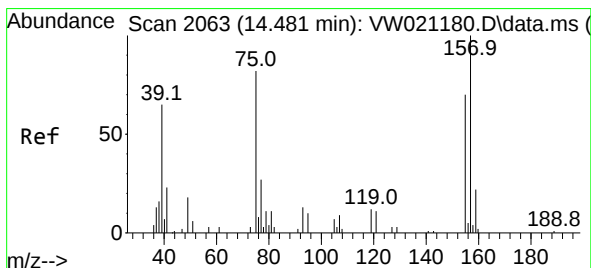
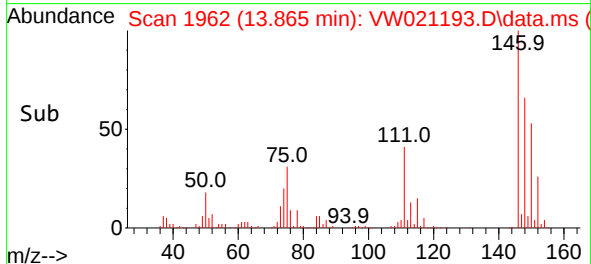
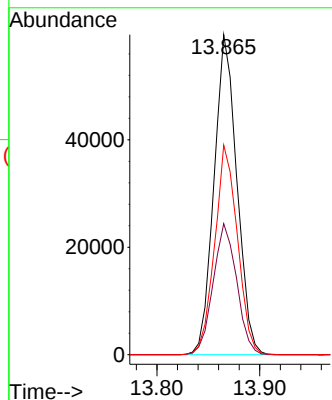
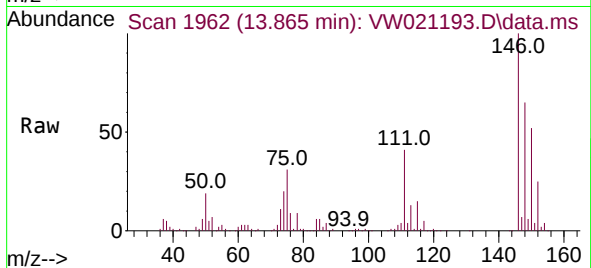
Tgt Ion:146 Resp: 91940

Ion Ratio Lower Upper

146 100

111 41.0 33.1 49.7

148 65.5 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.297 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

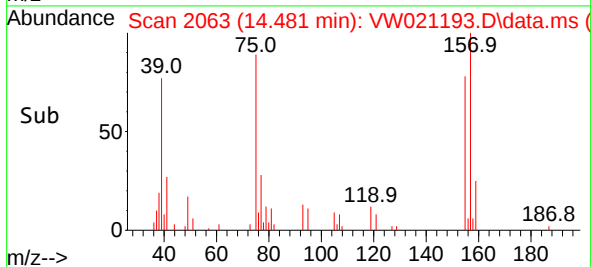
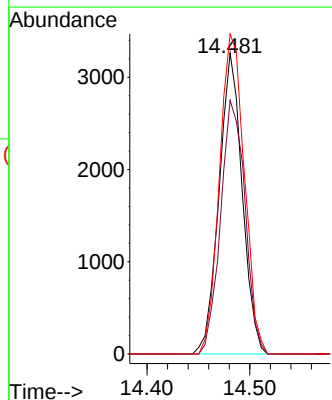
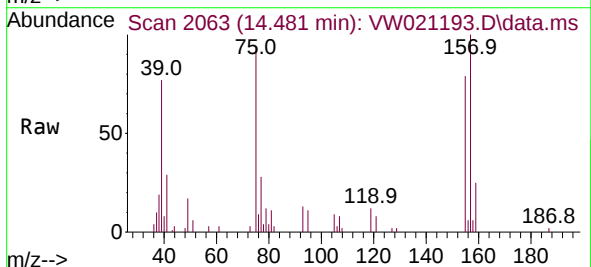
Tgt Ion: 75 Resp: 5094

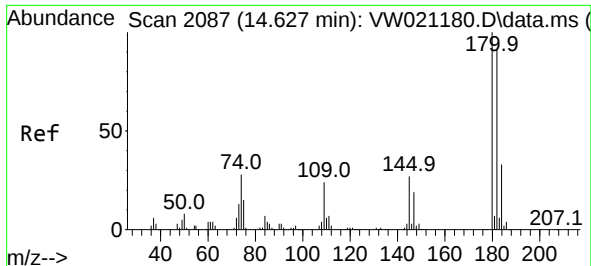
Ion Ratio Lower Upper

75 100

155 84.3 54.2 81.2#

157 106.3 69.4 104.2#

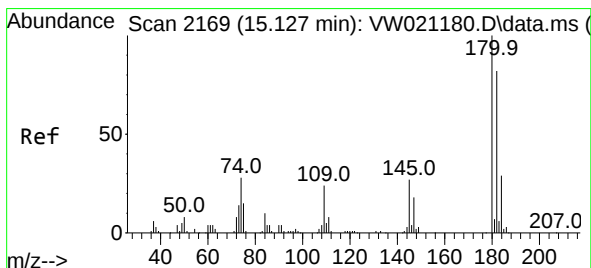
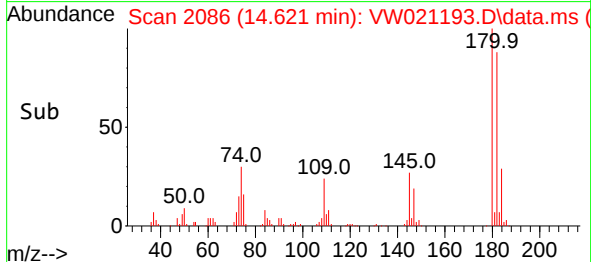
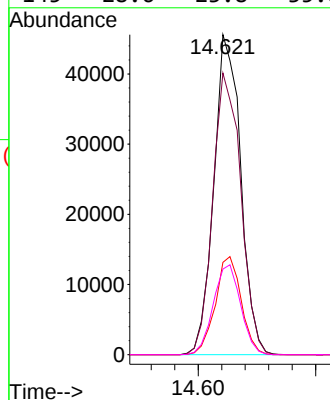
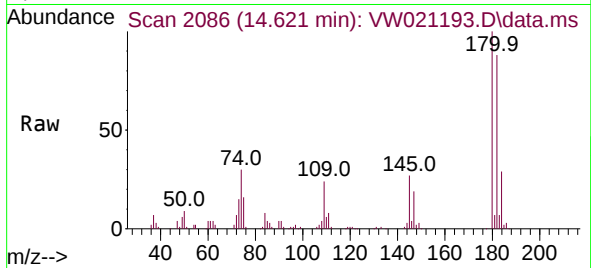




#69
1,3,5-Trichlorobenzene
Concen: 24.889 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

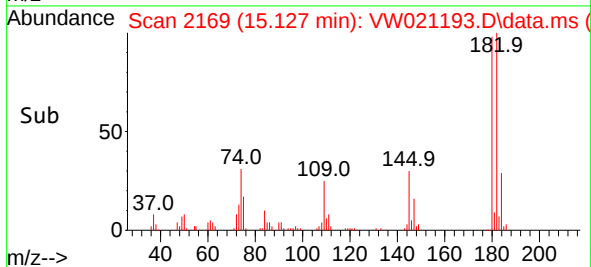
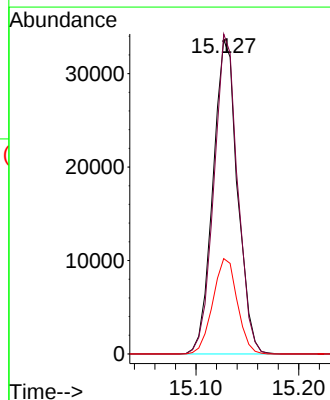
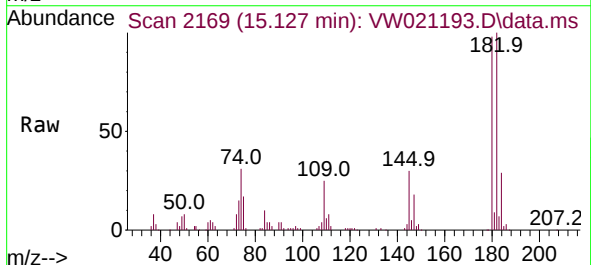
Instrument :
MSVOA_W
ClientSampleId :
VSTD025514

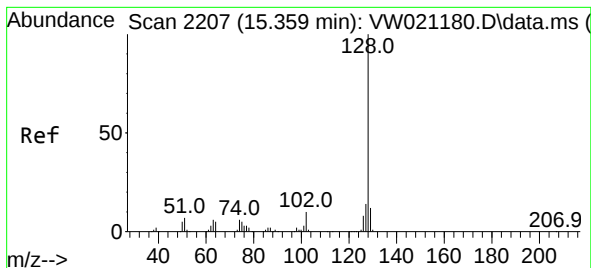
Tgt Ion:180	Resp:	72297
Ion Ratio	Lower	Upper
180	100	
182	91.9	75.4 113.0
184	29.7	23.8 35.8
145	28.6	23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.319 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021193.D
Acq: 07 Dec 2021 02:03

Tgt Ion:180	Resp:	55659
Ion Ratio	Lower	Upper
180	100	
182	97.9	79.0 118.6
145	30.3	26.0 39.0





#71

Naphthalene

Concen: 22.420 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Instrument :

MSVOA_W

ClientSampleId :

VSTD025514

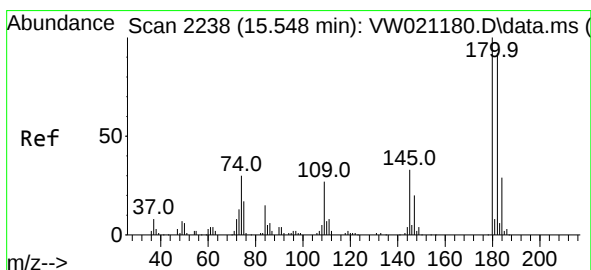
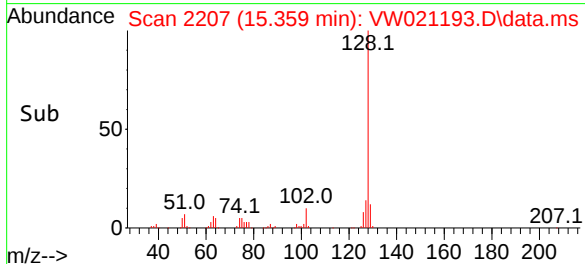
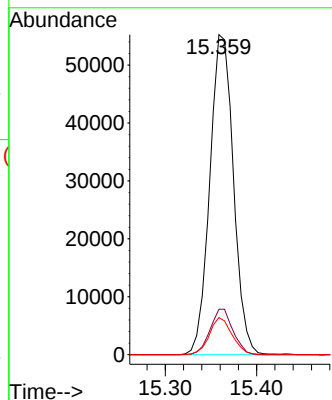
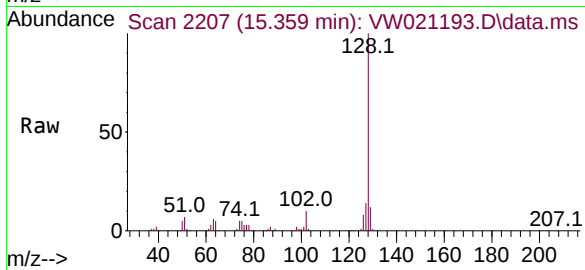
Tgt Ion:128 Resp: 99483

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.892 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021193.D

Acq: 07 Dec 2021 02:03

Tgt Ion:180 Resp: 49770

Ion Ratio Lower Upper

180 100

182 98.2 76.6 114.8

145 30.1 27.4 41.0

