

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021207.D
 Acq On : 07 Dec 2021 16:17
 Operator : SY/VA
 Sample : M4888-19RE
 Misc : 4.50g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 02:50:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

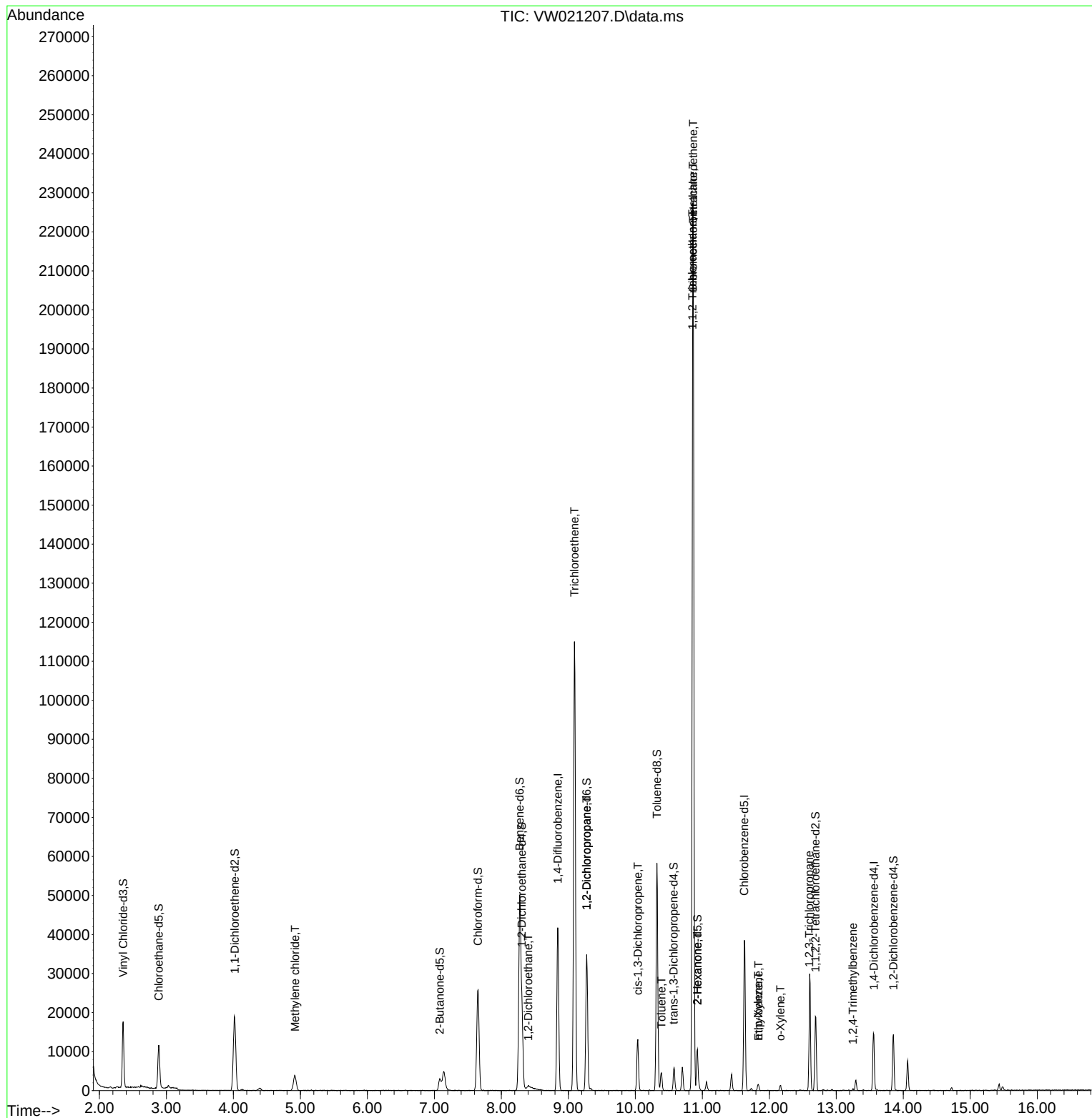
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	35801	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	22405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4211	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	15792	31.660	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 126.640%		
7) Chloroethane-d5	2.885	69	12047	36.079	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 144.320%		
11) 1,1-Dichloroethene-d2	4.019	63	17535	22.005	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 88.040%		
21) 2-Butanone-d5	7.080	46	5355	47.067	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 94.140%		
24) Chloroform-d	7.653	84	26408	29.454	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 117.800%		
26) 1,2-Dichloroethane-d4	8.305	65	14857	30.289	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 121.160%		
32) Benzene-d6	8.275	84	49534	43.239	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 172.960%#		
36) 1,2-Dichloropropane-d6	9.275	67	14366	45.126	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 180.520%#		
41) Toluene-d8	10.323	98	38077	32.415	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 129.680%		
43) trans-1,3-Dichloroprop...	10.573	79	3315	22.932	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 91.720%		
47) 2-Hexanone-d5	10.927	63	3465	56.887	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 113.780%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	8674	29.451	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 117.800%		
66) 1,2-Dichlorobenzene-d4	13.853	152	4054	26.869	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 107.480%		
Target Compounds						
						Qvalue
16) Methylene chloride	4.922	84	2903	5.147	ug/L	82
27) 1,2-Dichloroethane	8.403	62	447	0.776	ug/L	# 77
34) Trichloroethene	9.092	95	37207	105.852	ug/L	91
37) 1,2-Dichloropropane	9.275	63	1818	6.313	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	389	0.835	ug/L	# 79
42) Toluene	10.390	91	3770	2.591	ug/L	93
45) 1,1,2-Trichloroethane	10.854	97	427	1.769	ug/L	# 34
46) Tetrachloroethene	10.866	164	49481	153.731	ug/L	95
48) 2-Hexanone	10.927	43	485	3.427	ug/L	# 68
49) Dibromochloromethane	10.860	129	42169	139.751	ug/L	# 10
52) Ethylbenzene	11.841	91	1243	0.759	ug/L	85
53) m,p-Xylene	11.835	106	586	0.865	ug/L	92
54) o-Xylene	12.164	106	421	0.659	ug/L	85
61) 1,2,3-Trichloropropane	12.597	75	345	4.891	ug/L	# 57
63) 1,2,4-Trimethylbenzene	13.249	105	450	0.913	ug/L	# 77

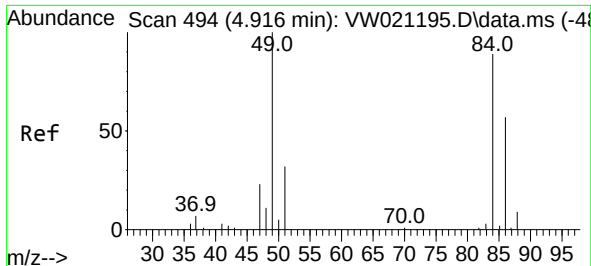
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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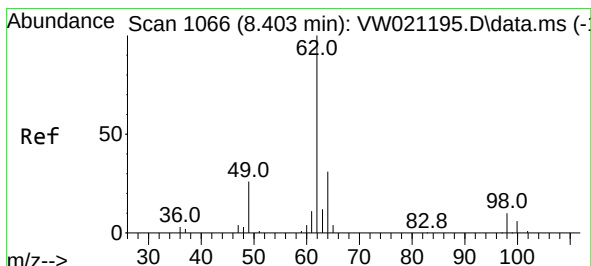
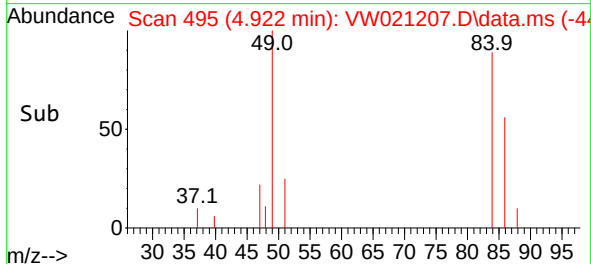
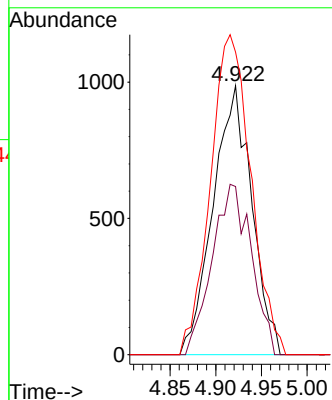
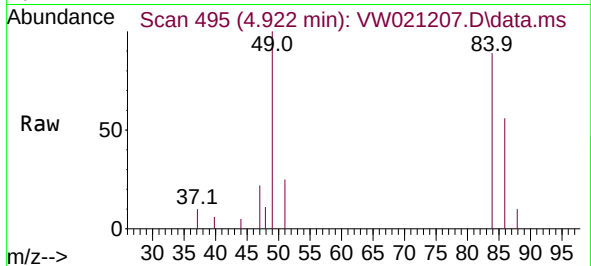




#16
Methylene chloride
Concen: 5.147 ug/L
RT: 4.922 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

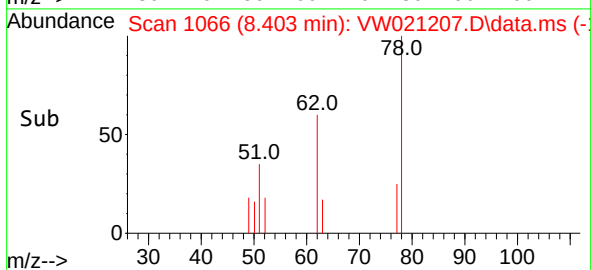
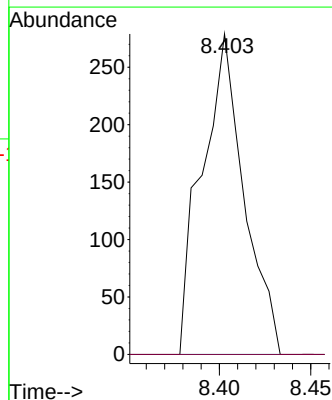
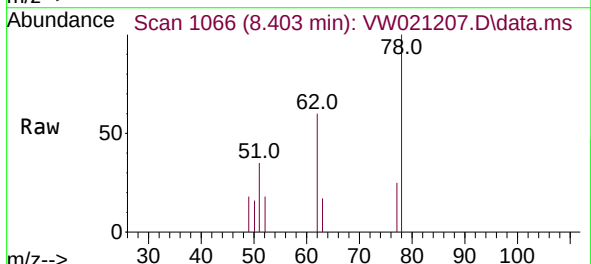
Instrument :
MSVOA_W
ClientSampleId :

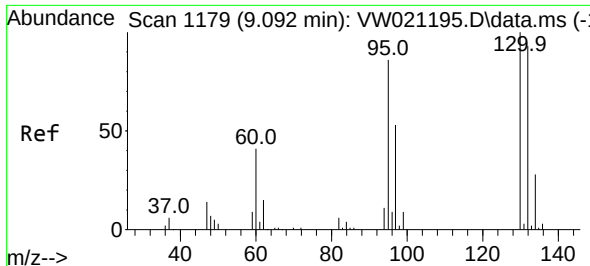
Tgt Ion: 84 Resp: 2903
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 112.5 100.5 186.7



#27
1,2-Dichloroethane
Concen: 0.776 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

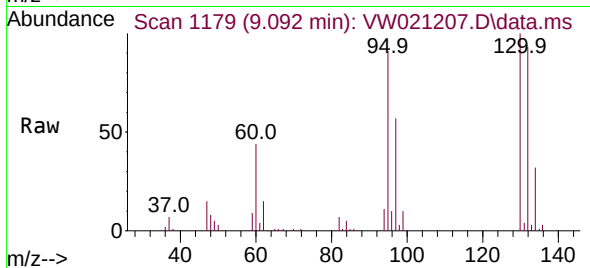
Tgt Ion: 62 Resp: 447
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



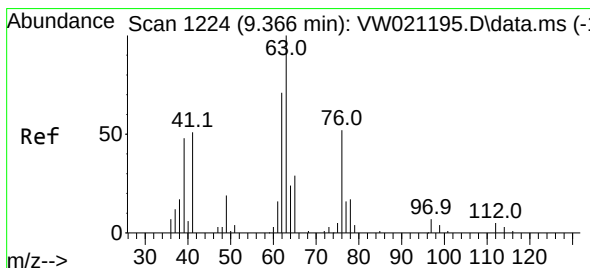
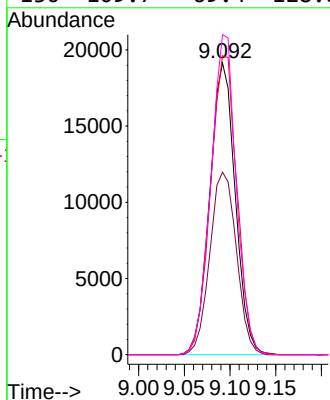
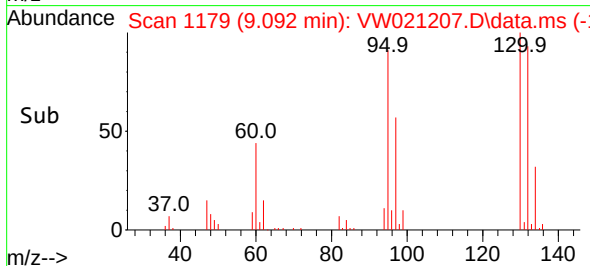


#34
Trichloroethene
Concen: 105.852 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

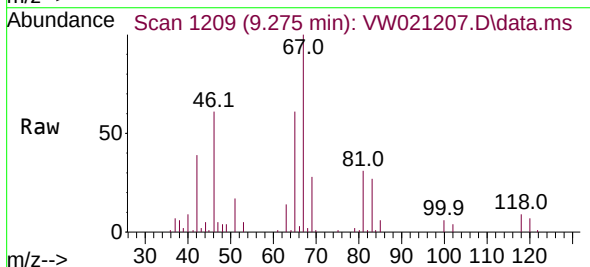
Instrument :
MSVOA_W
ClientSampleId :



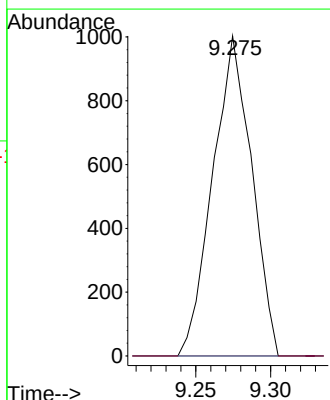
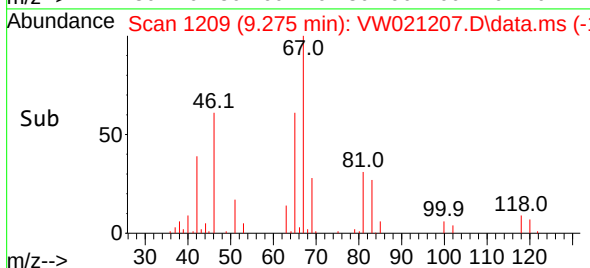
Tgt Ion: 95 Resp: 37207
Ion Ratio Lower Upper
95 100
97 62.6 47.0 87.2
132 102.5 65.5 121.6
130 109.7 69.4 128.8

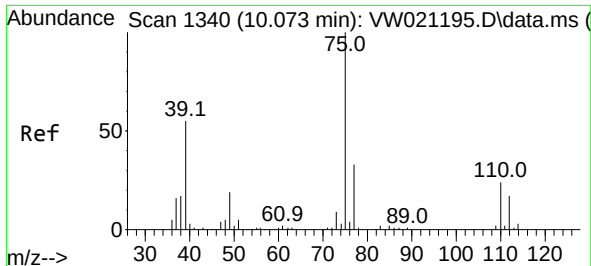


#37
1,2-Dichloropropane
Concen: 6.313 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17



Tgt Ion: 63 Resp: 1818
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.835 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021207.D

Acq: 07 Dec 2021 16:17

Instrument :

MSVOA_W

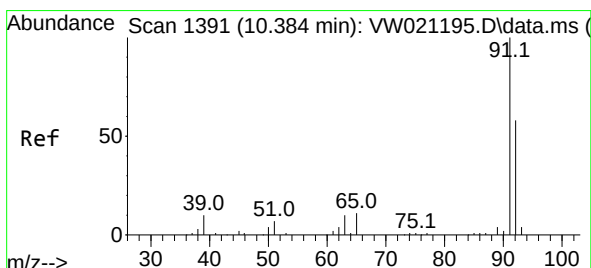
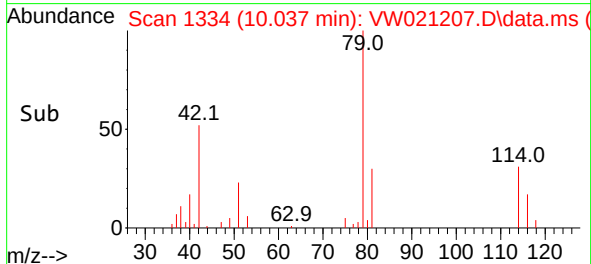
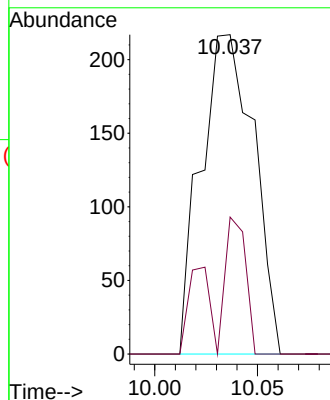
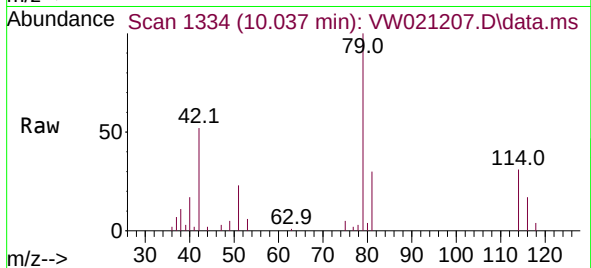
ClientSampleId :

Tgt Ion: 75 Resp: 389

Ion Ratio Lower Upper

75 100

77 42.9 21.8 40.6#



#42

Toluene

Concen: 2.591 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021207.D

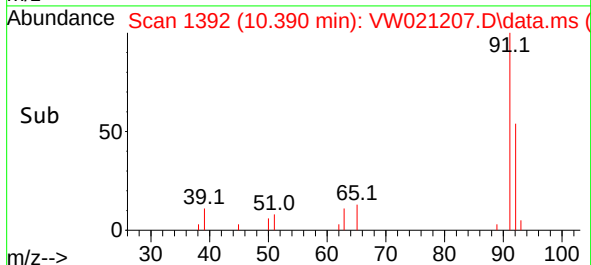
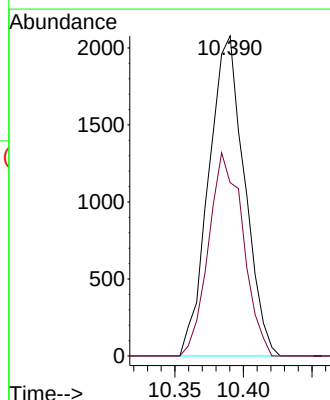
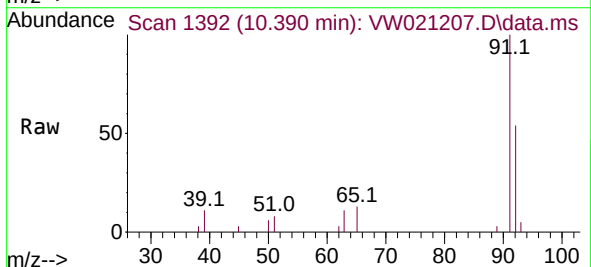
Acq: 07 Dec 2021 16:17

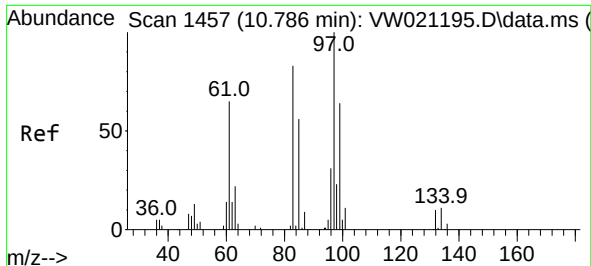
Tgt Ion: 91 Resp: 3770

Ion Ratio Lower Upper

91 100

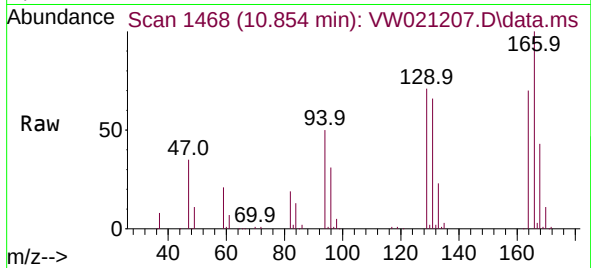
92 54.1 41.7 77.5



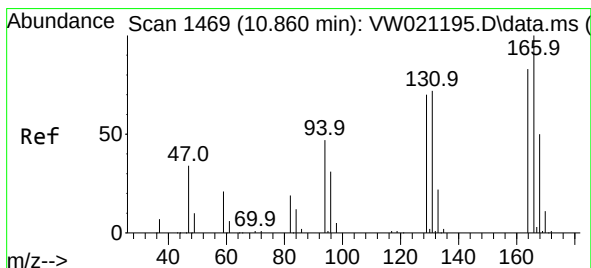
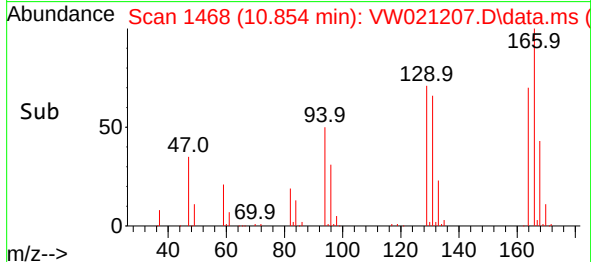
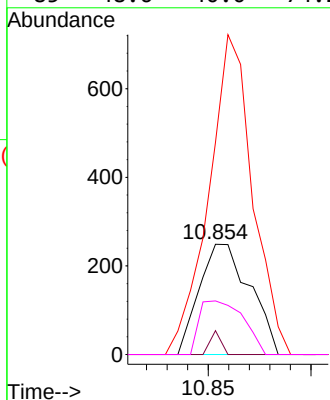


#45
1,1,2-Trichloroethane
Concen: 1.769 ug/L
RT: 10.854 min Scan# 1457
Delta R.T. 0.067 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

Instrument :
MSVOA_W
ClientSampleId :

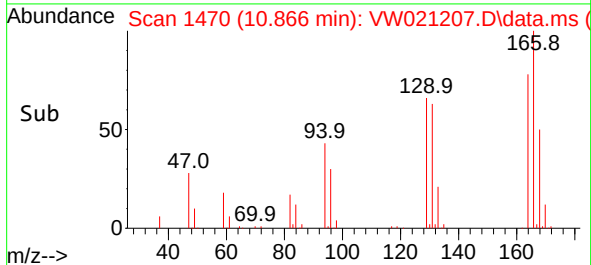
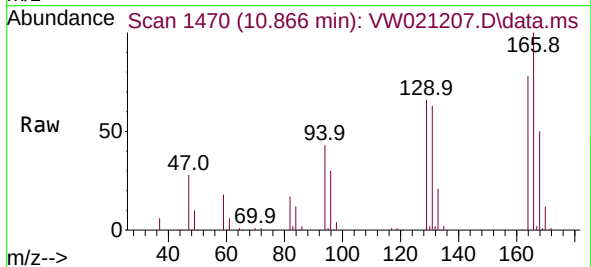
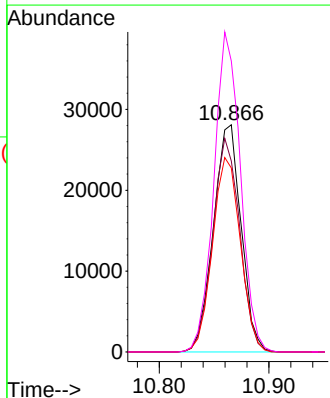


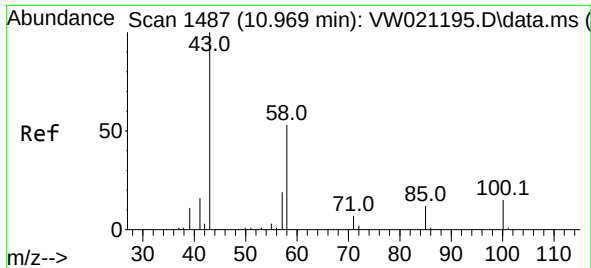
Tgt Ion: 97 Resp: 427
Ion Ratio Lower Upper
97 100
99 21.7 43.0 79.8#
83 192.4 62.6 116.3#
85 48.6 40.0 74.2



#46
Tetrachloroethene
Concen: 153.731 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

Tgt Ion:164 Resp: 49481
Ion Ratio Lower Upper
164 100
129 84.0 65.5 121.7
131 81.0 59.7 110.9
166 128.0 88.7 164.7

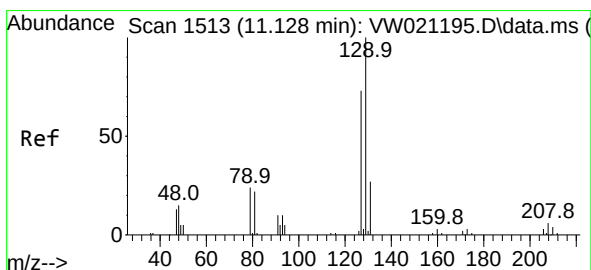
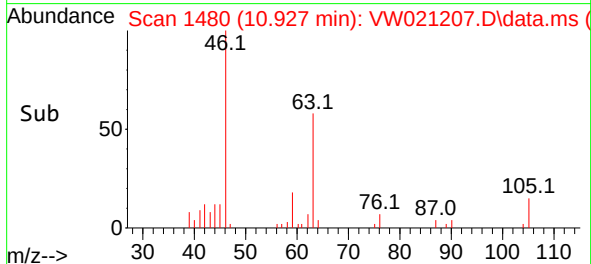
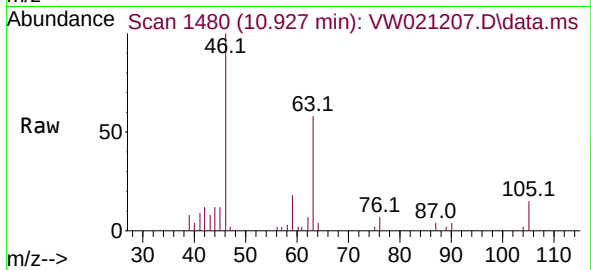




#48
2-Hexanone
Concen: 3.427 ug/L
RT: 10.927 min Scan# 1485
Delta R.T. -0.043 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

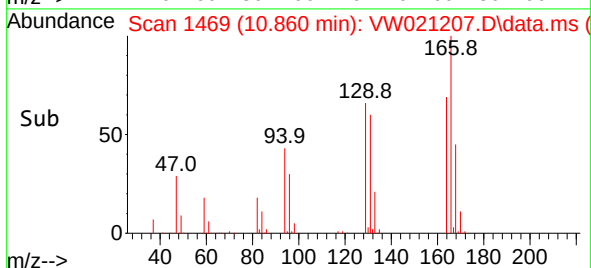
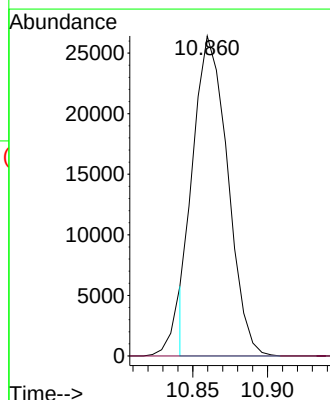
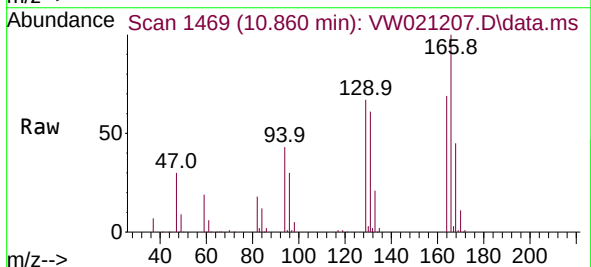
Instrument :
MSVOA_W
ClientSampleId :

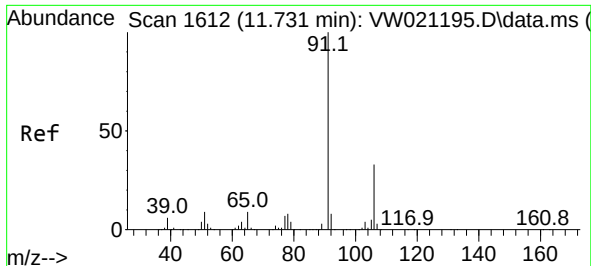
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
58 19.4 40.2 60.2#
57 17.9 14.3 21.5
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 139.751 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021207.D
Acq: 07 Dec 2021 16:17

Tgt Ion:129 Resp: 42169
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#52

Ethylbenzene

Concen: 0.759 ug/L

RT: 11.841 min Scan# 1

Delta R.T. 0.110 min

Lab File: VW021207.D

Acq: 07 Dec 2021 16:17

Instrument :

MSVOA_W

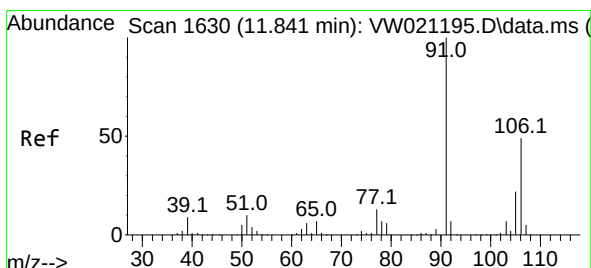
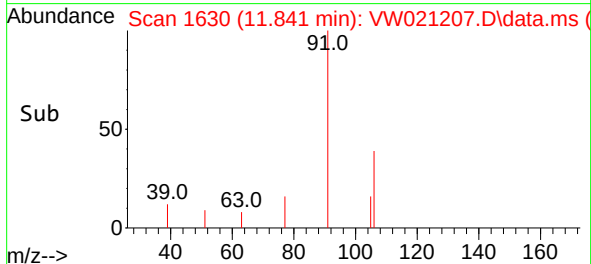
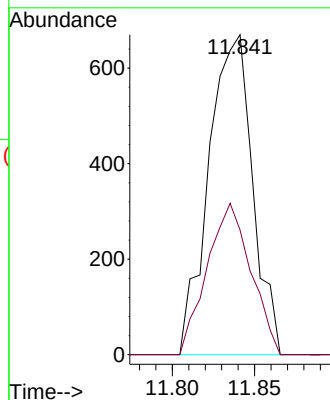
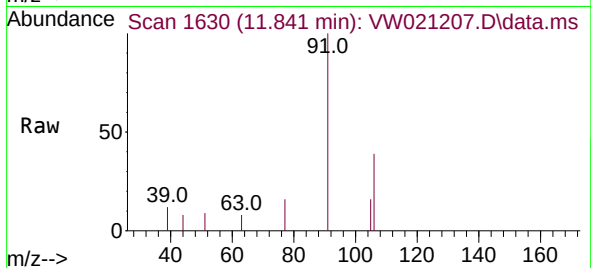
ClientSampleId :

Tgt Ion: 91 Resp: 1243

Ion Ratio Lower Upper

91 100

106 39.0 21.5 39.9



#53

m,p-Xylene

Concen: 0.865 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021207.D

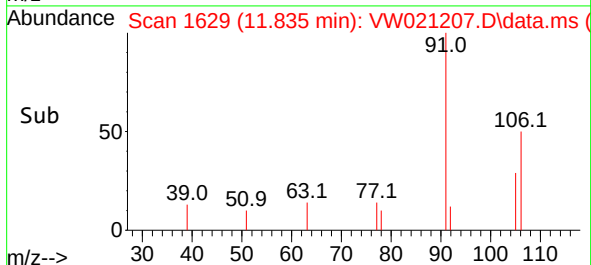
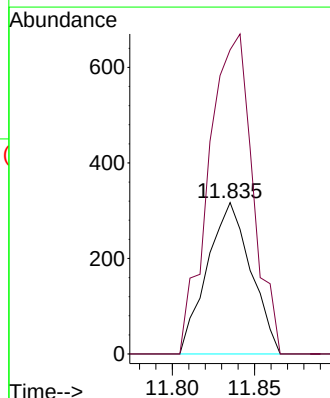
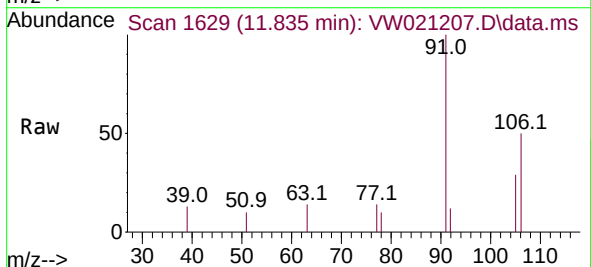
Acq: 07 Dec 2021 16:17

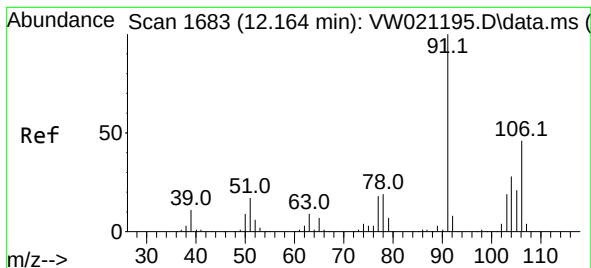
Tgt Ion: 106 Resp: 586

Ion Ratio Lower Upper

106 100

91 200.9 149.9 278.3





#54

o-Xylene

Concen: 0.659 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021207.D

Acq: 07 Dec 2021 16:17

Instrument :

MSVOA_W

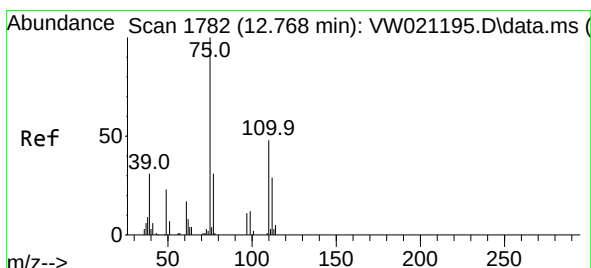
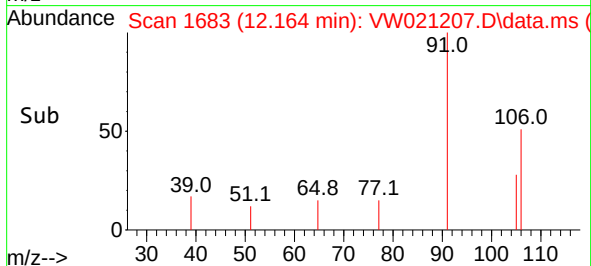
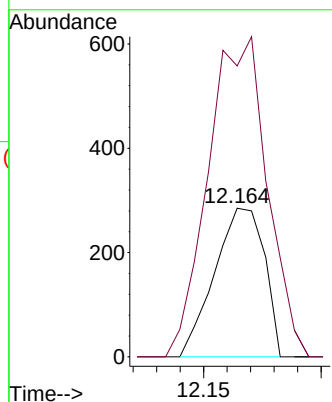
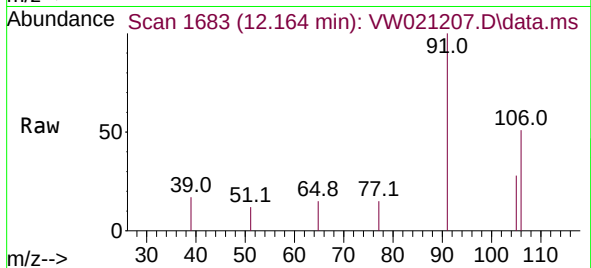
ClientSampleId :

Tgt Ion:106 Resp: 421

Ion Ratio Lower Upper

106 100

91 195.8 153.6 285.3



#61

1,2,3-Trichloropropane

Concen: 4.891 ug/L

RT: 12.597 min Scan# 1754

Delta R.T. -0.171 min

Lab File: VW021207.D

Acq: 07 Dec 2021 16:17

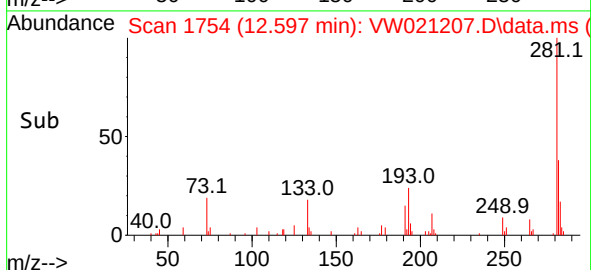
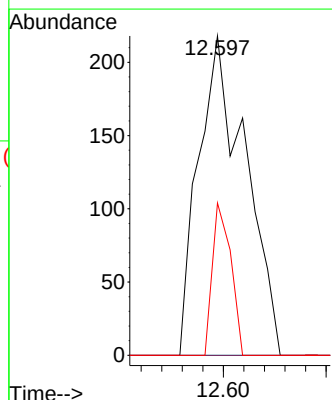
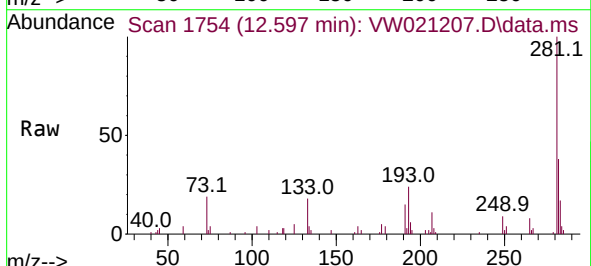
Tgt Ion: 75 Resp: 345

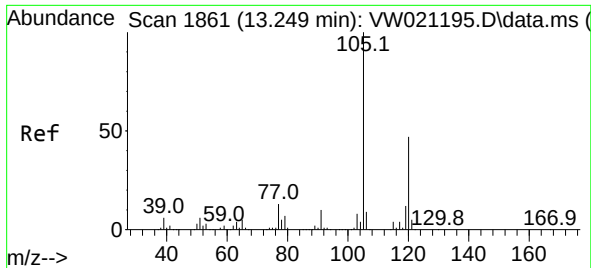
Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

110 18.6 29.0 43.4#





#63

1,2,4-Trimethylbenzene

Concen: 0.913 ug/L

RT: 13.249 min Scan# 11

Delta R.T. 0.000 min

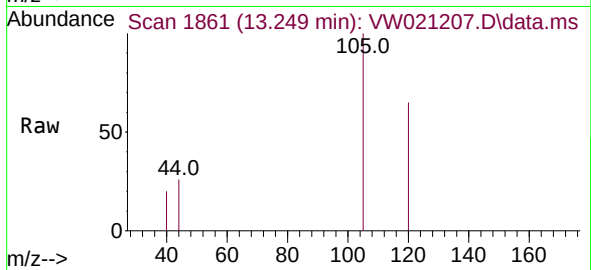
Lab File: VW021207.D

Acq: 07 Dec 2021 16:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:105 Resp: 450

Ion Ratio Lower Upper

105 100

120 29.1 35.0 52.6#

