

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020109.D
 Acq On : 21 Sep 2021 22:15
 Operator : SY/VA
 Sample : M3837-04
 Misc : 3.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 05:12:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

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

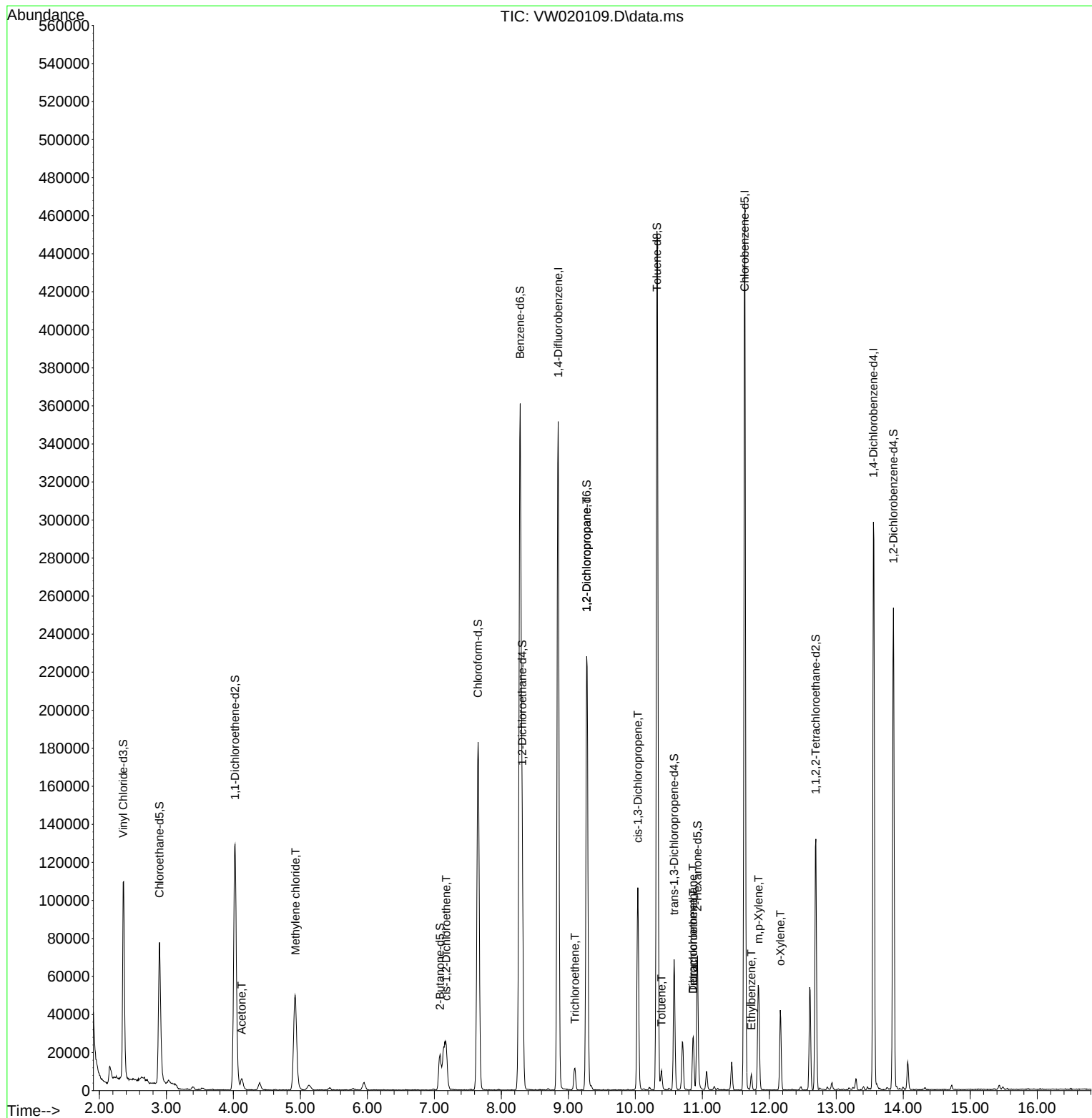
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	284839	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	242805	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118631	20.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.440%
7) Chloroethane-d5	2.898	69	94833	21.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	4.025	63	135933	14.899	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.600%
21) 2-Butanone-d5	7.086	46	31214	34.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.420%
24) Chloroform-d	7.653	84	185820	20.743	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	8.311	65	98333	20.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	8.281	84	348648	22.507	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	9.274	67	103571	23.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.400%
41) Toluene-d8	10.323	98	295778	20.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.960%
43) trans-1,3-Dichloroprop...	10.579	79	36420	19.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.927	63	21807	35.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.300%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	65198	18.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	63582	22.032	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds					Qvalue	
13) Acetone	4.123	43	9751	12.661	ug/L	99
16) Methylene chloride	4.928	84	40653	8.088	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	11435	2.825	ug/L	100
34) Trichloroethene	9.098	95	3938	1.004	ug/L	85
37) 1,2-Dichloropropane	9.274	63	12859	3.543	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	3114	0.582	ug/L #	73
42) Toluene	10.390	91	6226	0.400	ug/L	88
46) Tetrachloroethene	10.866	164	6045	1.994	ug/L	97
49) Dibromochloromethane	10.860	129	5862	1.885	ug/L #	9
52) Ethylbenzene	11.731	91	5071	0.296	ug/L	94
53) m,p-Xylene	11.841	106	17261	2.640	ug/L	89
54) o-Xylene	12.164	106	10753	1.778	ug/L	94

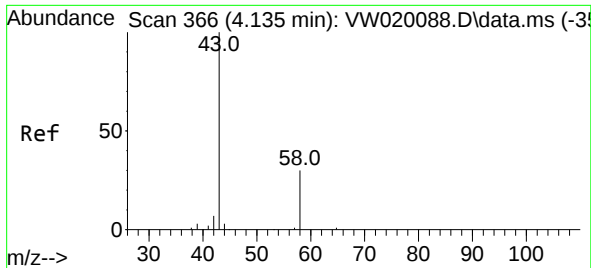
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
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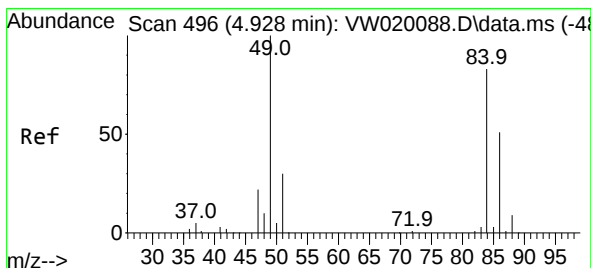
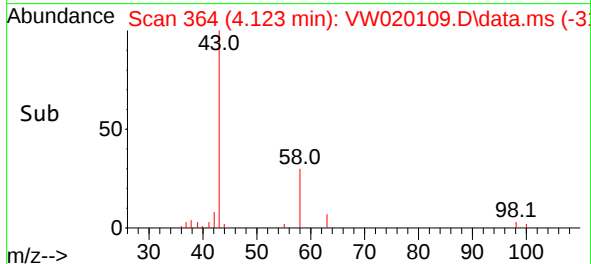
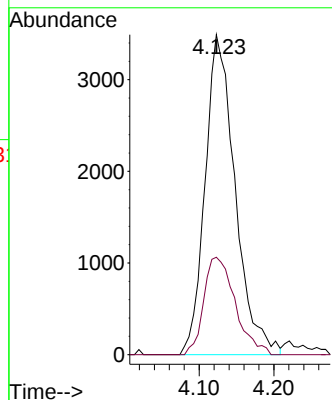
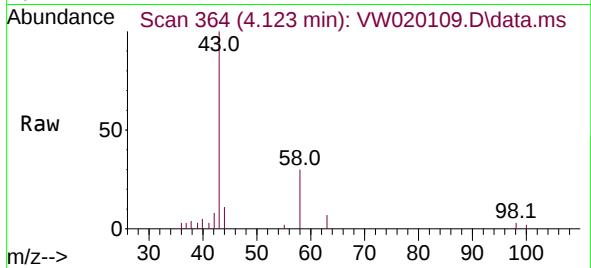




#13
Acetone
Concen: 12.661 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

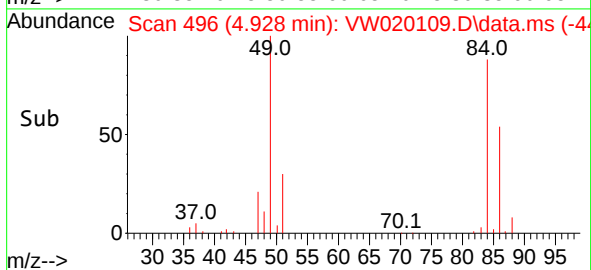
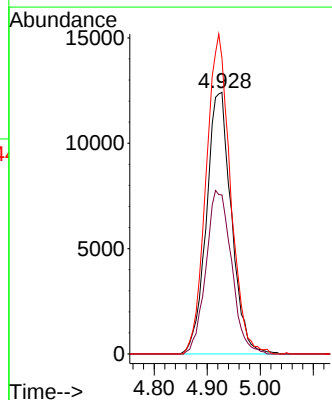
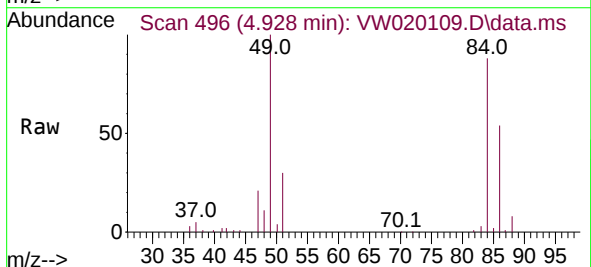
Instrument :
MSVOA_W
ClientSampled :

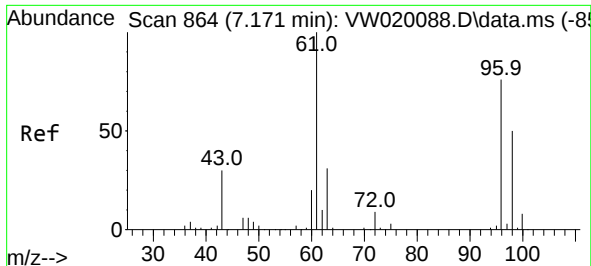
Tgt Ion: 43 Resp: 9751
Ion Ratio Lower Upper
43 100
58 31.2 0.0 61.6



#16
Methylene chloride
Concen: 8.088 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

Tgt Ion: 84 Resp: 40653
Ion Ratio Lower Upper
84 100
86 60.8 42.6 79.0
49 113.1 83.4 154.8

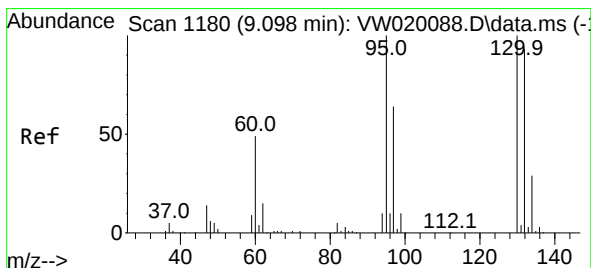
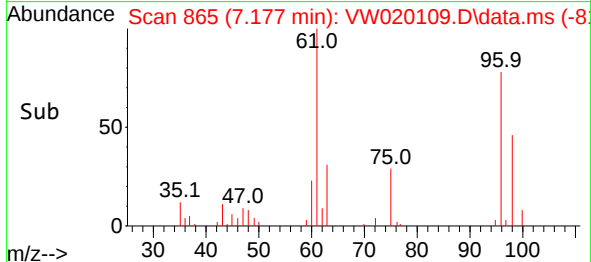
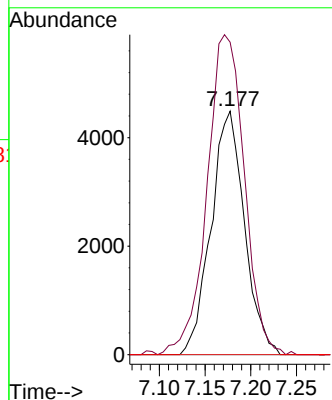
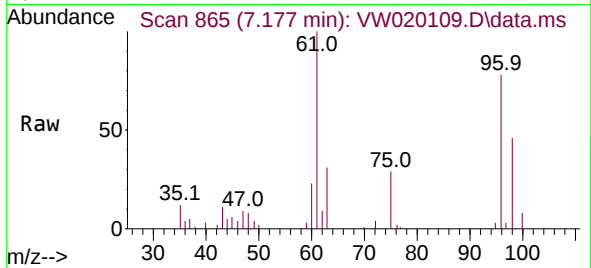




#20
cis-1,2-Dichloroethene
Concen: 2.825 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

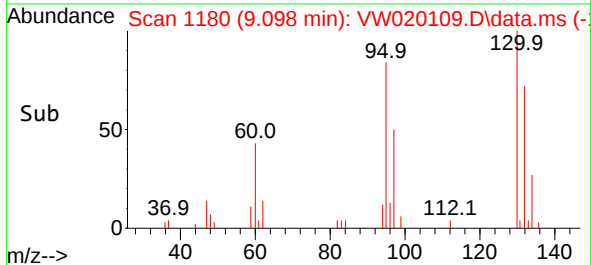
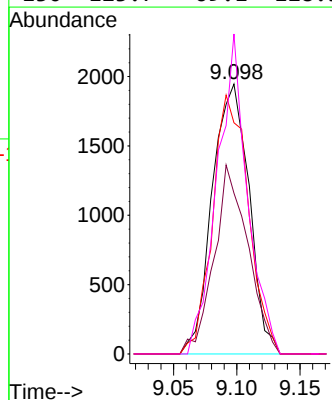
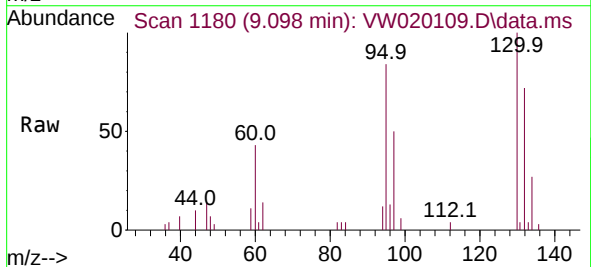
Instrument :
MSVOA_W
ClientSampled :

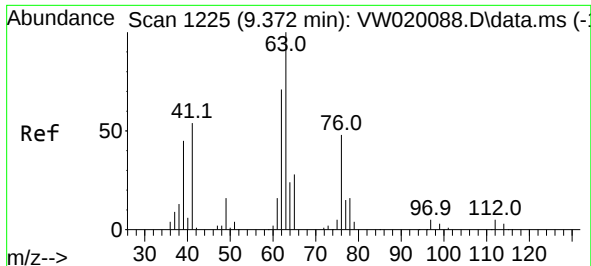
Tgt Ion: 96 Resp: 11435
Ion Ratio Lower Upper
96 100
61 128.3 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 1.004 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

Tgt Ion: 95 Resp: 3938
Ion Ratio Lower Upper
95 100
97 59.6 45.1 83.7
132 85.7 67.9 126.1
130 123.7 69.1 128.3

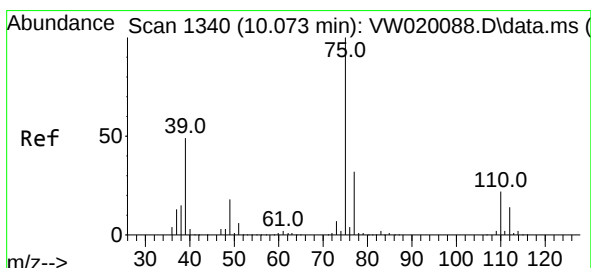
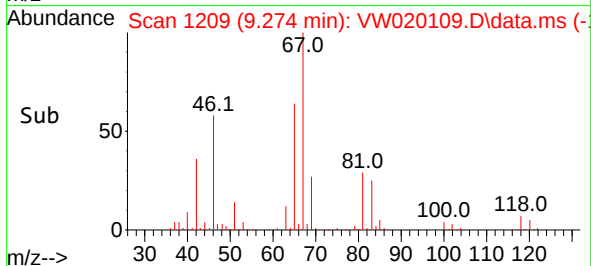
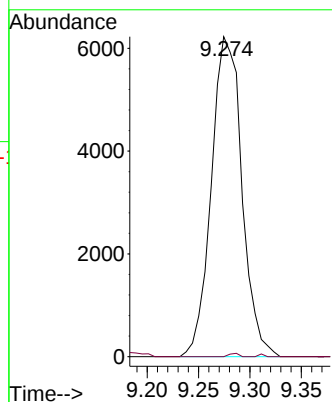
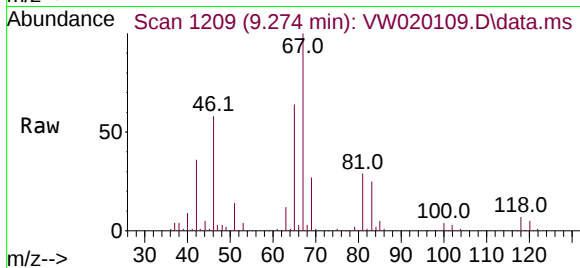




#37
1,2-Dichloropropane
Concen: 3.543 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

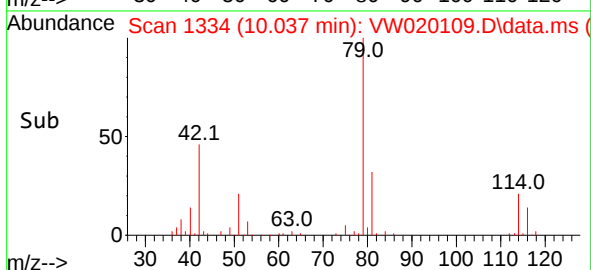
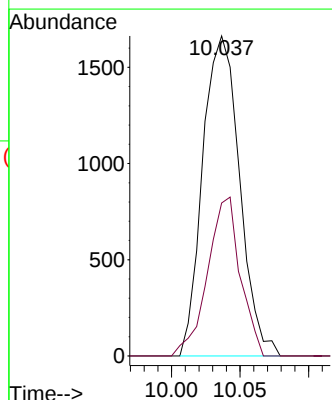
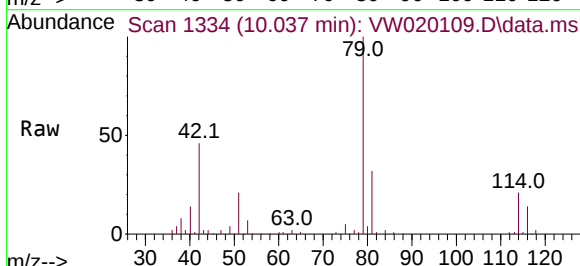
Instrument :
MSVOA_W
ClientSampled :

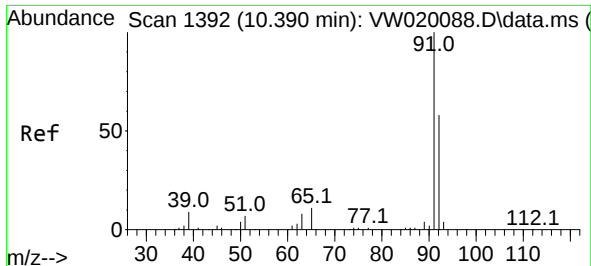
Tgt Ion: 63 Resp: 12859
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#



#39
cis-1,3-Dichloropropene
Concen: 0.582 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

Tgt Ion: 75 Resp: 3114
Ion Ratio Lower Upper
75 100
77 47.8 23.0 42.6#

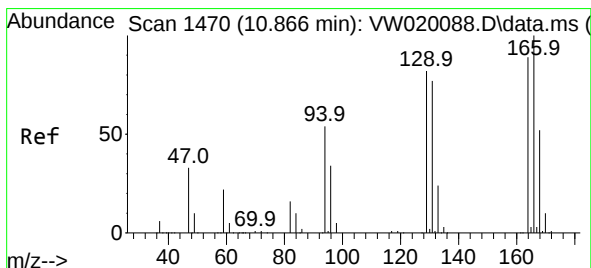
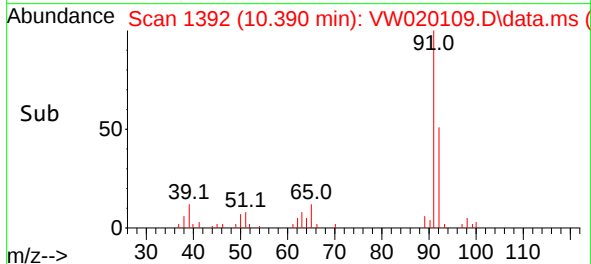
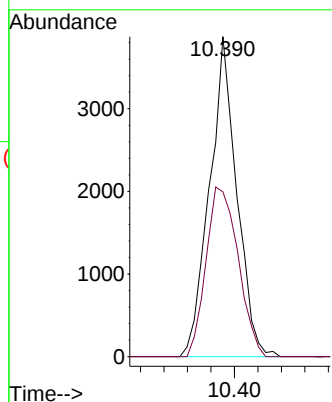
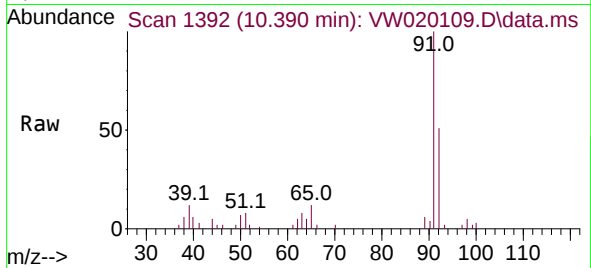




#42
Toluene
Concen: 0.400 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

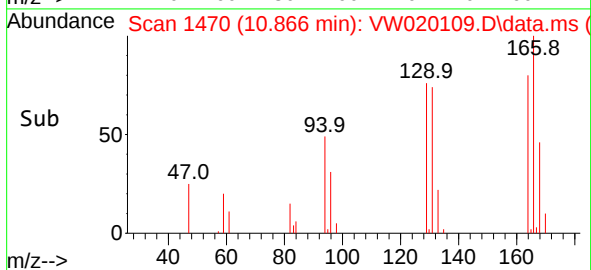
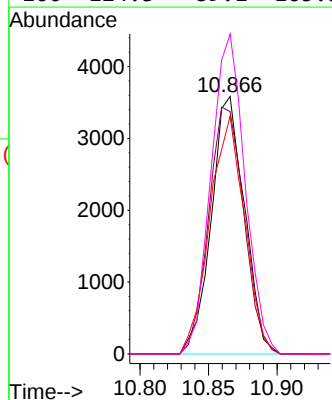
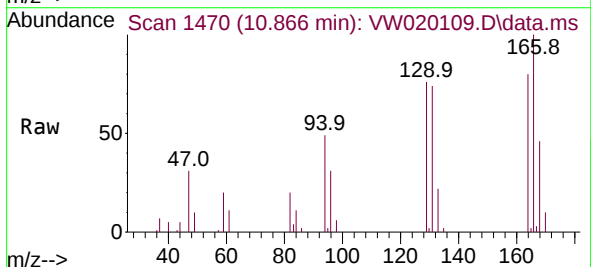
Instrument :
MSVOA_W
ClientSampled :

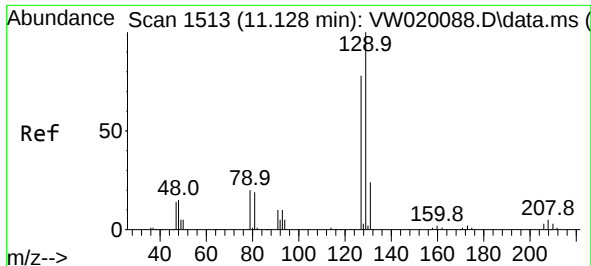
Tgt Ion: 91 Resp: 6226
Ion Ratio Lower Upper
91 100
92 51.5 42.2 78.4



#46
Tetrachloroethene
Concen: 1.994 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

Tgt Ion: 164 Resp: 6045
Ion Ratio Lower Upper
164 100
129 94.1 69.5 129.1
131 92.4 66.5 123.5
166 124.3 89.1 165.5





#49

Dibromochloromethane

Concen: 1.885 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW020109.D

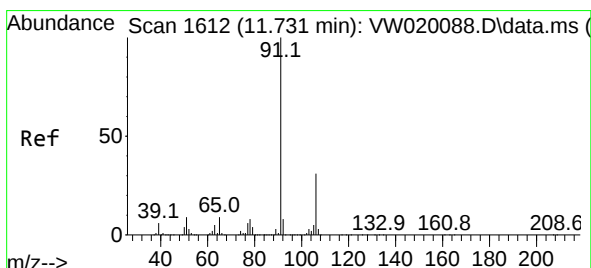
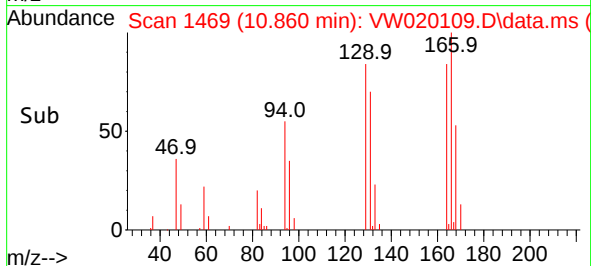
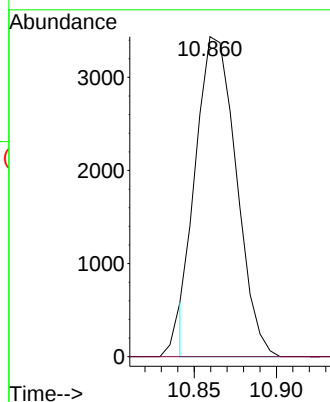
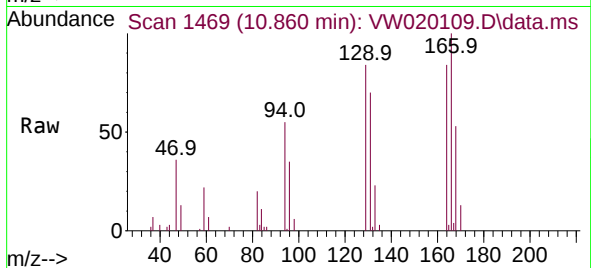
Acq: 21 Sep 2021 22:15

Tgt Ion:129 Resp: 5862

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#



#52

Ethylbenzene

Concen: 0.296 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW020109.D

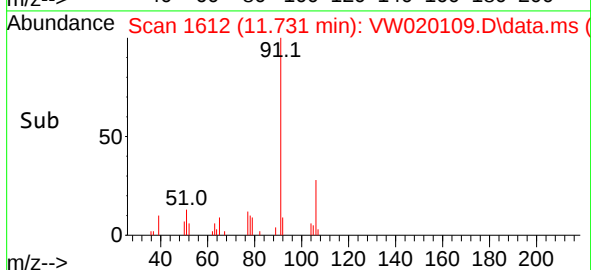
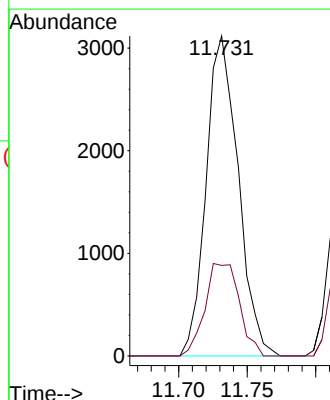
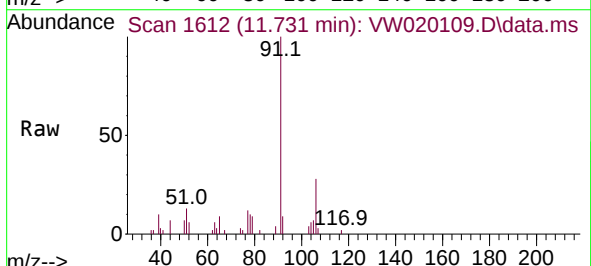
Acq: 21 Sep 2021 22:15

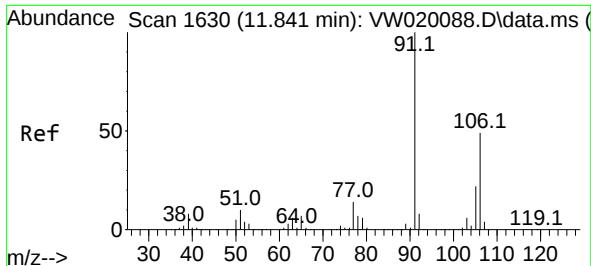
Tgt Ion: 91 Resp: 5071

Ion Ratio Lower Upper

91 100

106 28.3 22.0 40.8

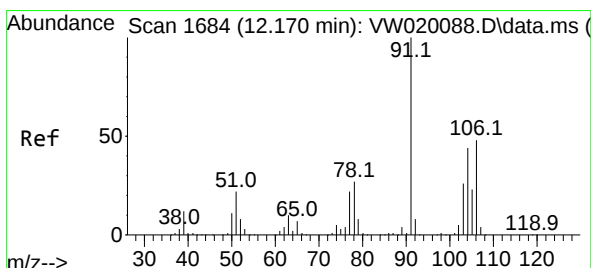
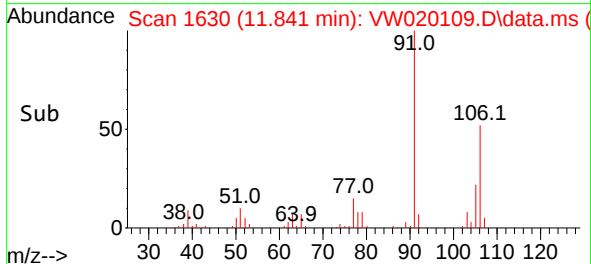
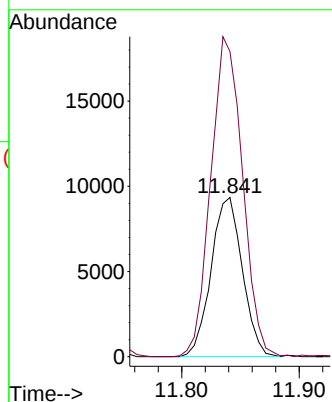
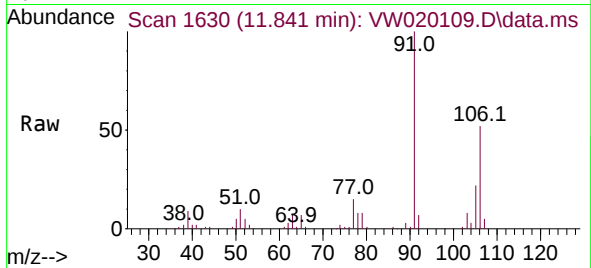




#53
m,p-Xylene
Concen: 2.640 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:106 Resp: 17261
Ion Ratio Lower Upper
106 100
91 191.6 146.4 271.8



#54
o-Xylene
Concen: 1.778 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW020109.D
Acq: 21 Sep 2021 22:15

Tgt Ion:106 Resp: 10753
Ion Ratio Lower Upper
106 100
91 230.1 154.3 286.7

