

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020107.D
 Acq On : 21 Sep 2021 21:27
 Operator : SY/VA
 Sample : M3837-02
 Misc : 4.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 05:11:46 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)

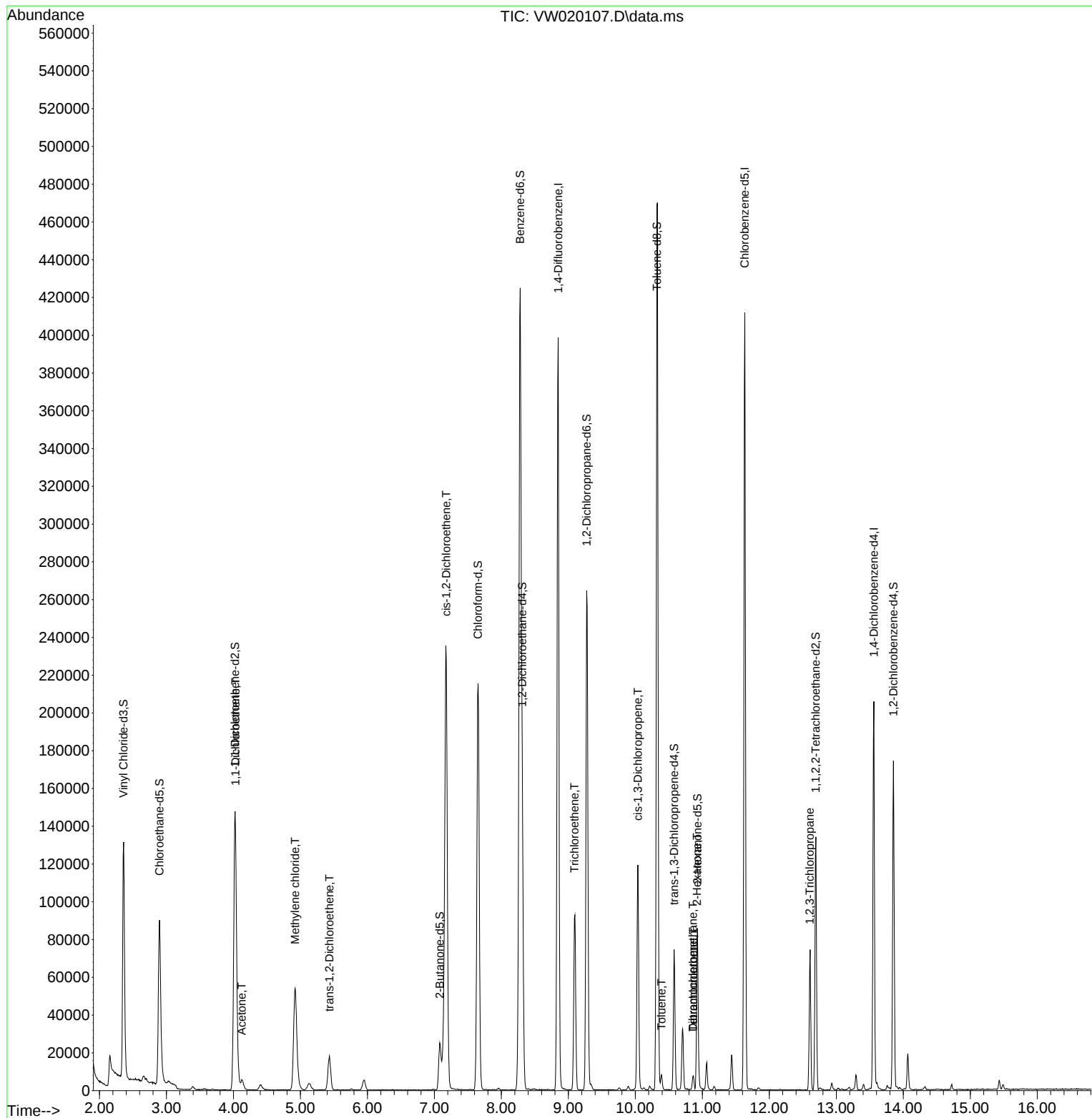
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	312305	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	217756	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	49901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	149088	23.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
7) Chloroethane-d5	2.897	69	118961	24.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.880%
11) 1,1-Dichloroethene-d2	4.025	63	160393	16.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.120%
21) 2-Butanone-d5	7.080	46	40733	41.315	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.620%
24) Chloroform-d	7.653	84	220805	22.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.920%
26) 1,2-Dichloroethane-d4	8.311	65	119281	22.565	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.240%
32) Benzene-d6	8.281	84	414425	29.831	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.320%
36) 1,2-Dichloropropane-d6	9.274	67	118774	29.542	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.160%
41) Toluene-d8	10.323	98	306102	24.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.880%
43) trans-1,3-Dichloroprop...	10.579	79	39238	22.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.320%
47) 2-Hexanone-d5	10.926	63	26808	48.182	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.360%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	63524	20.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	42504	22.716	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.880%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.031	96	1421	0.343	ug/L #	1
13) Acetone	4.123	43	8286	9.813	ug/L	100
16) Methylene chloride	4.921	84	45851	8.320	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	10505	2.408	ug/L	95
20) cis-1,2-Dichloroethene	7.177	96	136943	30.861	ug/L	97
34) Trichloroethene	9.091	95	32645	9.279	ug/L	93
39) cis-1,3-Dichloropropene	10.036	75	3058	0.637	ug/L #	66
42) Toluene	10.390	91	5263	0.377	ug/L	90
46) Tetrachloroethene	10.865	164	1531	0.563	ug/L	89
48) 2-Hexanone	10.920	43	3876	3.394	ug/L #	73
49) Dibromochloromethane	10.859	129	1644	0.589	ug/L #	9
61) 1,2,3-Trichloropropane	12.603	75	950	1.008	ug/L #	70

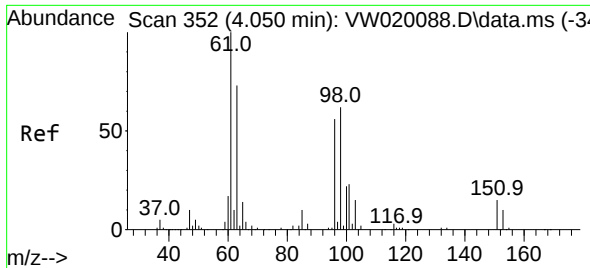
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

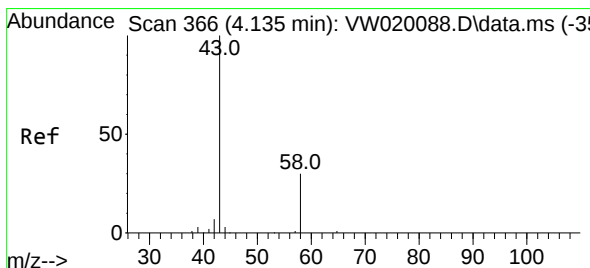
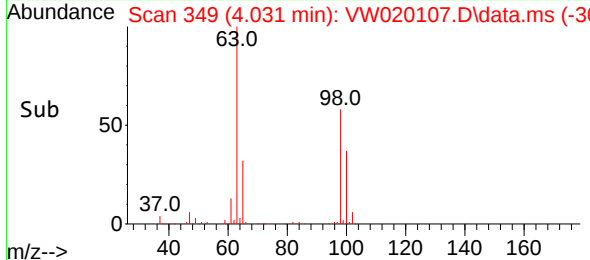
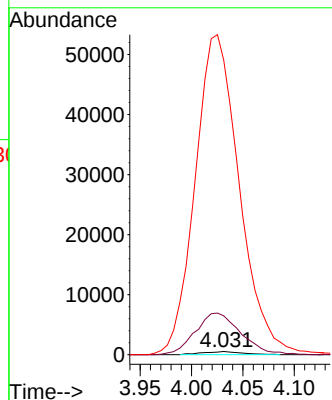
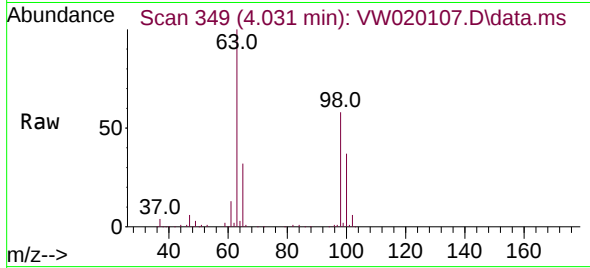




#12
1,1-Dichloroethene
Concen: 0.343 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.019 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

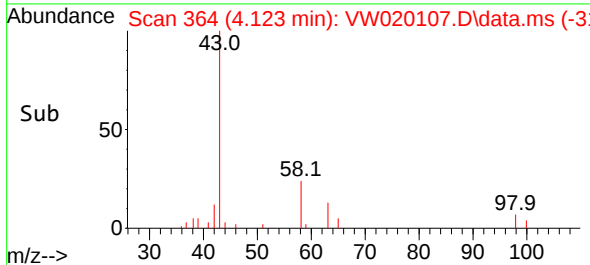
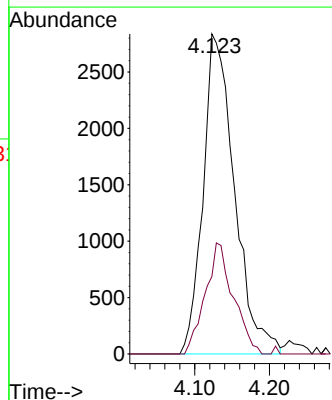
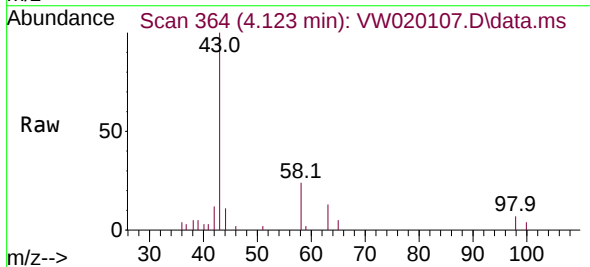
Instrument :
MSVOA_W
ClientSampled :

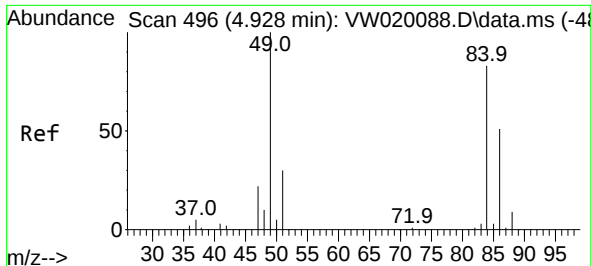
Tgt Ion: 96 Resp: 1421
Ion Ratio Lower Upper
96 100
61 1224.8 126.1 234.3#
63 9293.9 112.6 209.0#



#13
Acetone
Concen: 9.813 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

Tgt Ion: 43 Resp: 8286
Ion Ratio Lower Upper
43 100
58 31.0 0.0 61.6

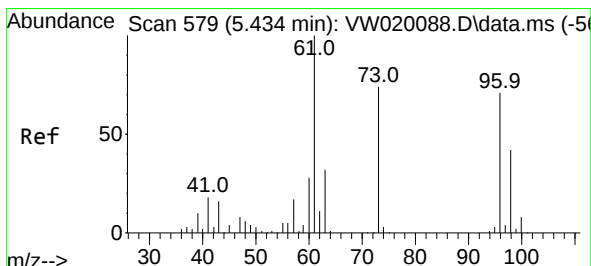
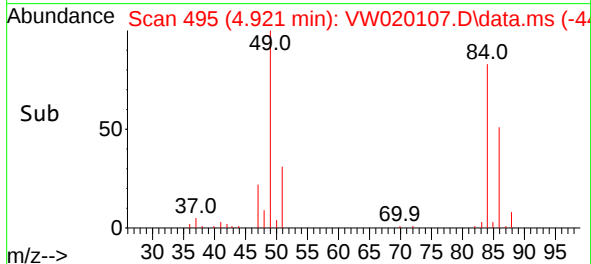
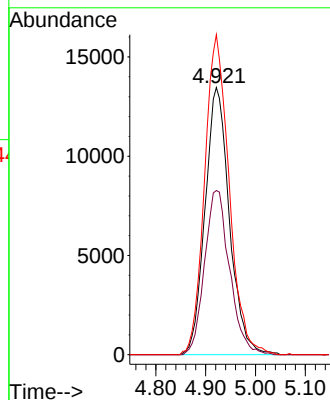
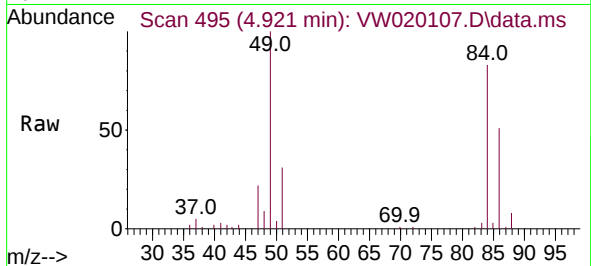




#16
Methylene chloride
Concen: 8.320 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

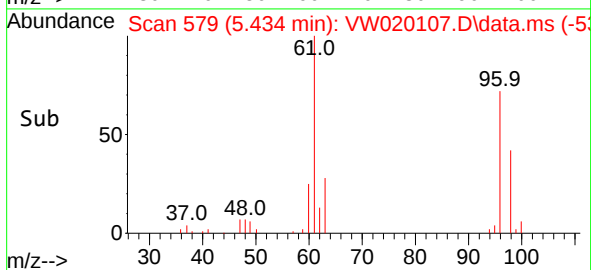
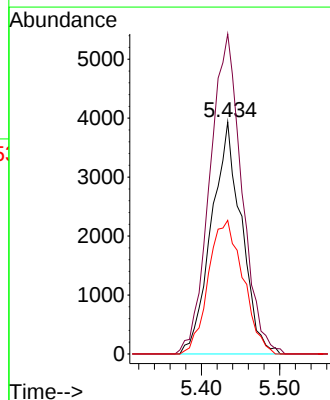
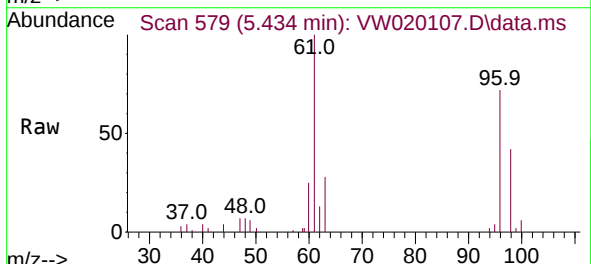
Instrument :
MSVOA_W
ClientSampleId :

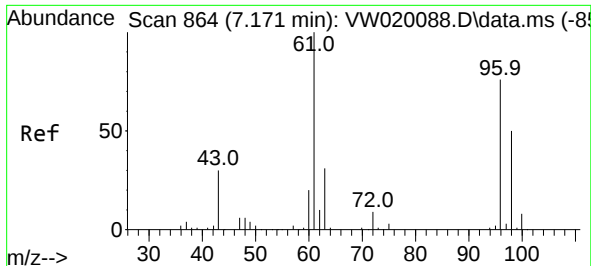
Tgt Ion:	84	Resp:	45851
Ion	Ratio	Lower	Upper
84	100		
86	61.4	42.6	79.0
49	119.8	83.4	154.8



#17
trans-1,2-Dichloroethene
Concen: 2.408 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

Tgt Ion:	96	Resp:	10505
Ion	Ratio	Lower	Upper
96	100		
61	137.9	98.3	182.5
98	57.6	46.6	86.6

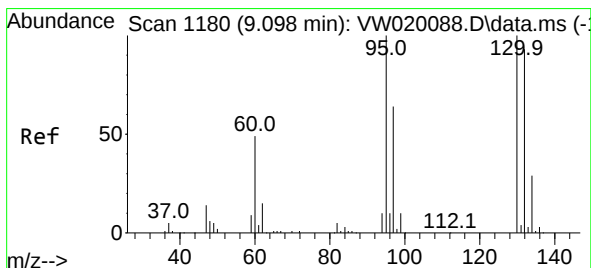
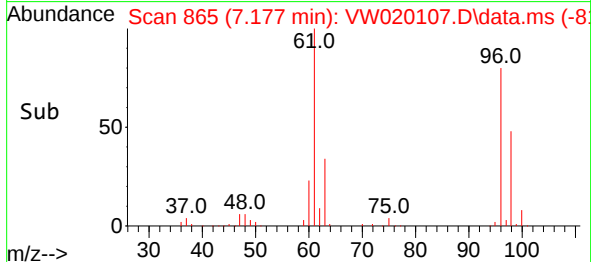
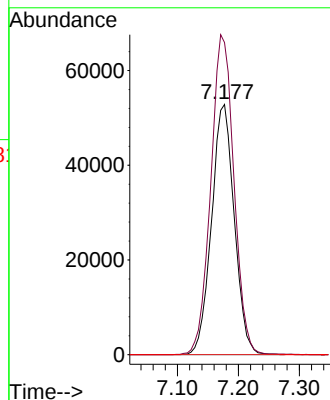
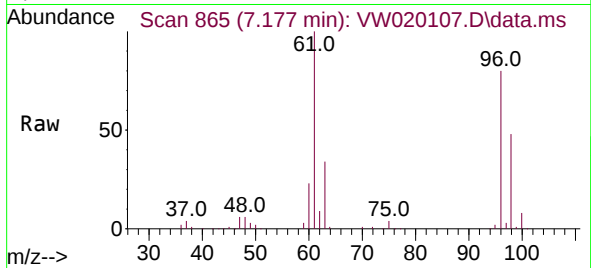




#20
cis-1,2-Dichloroethene
Concen: 30.861 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

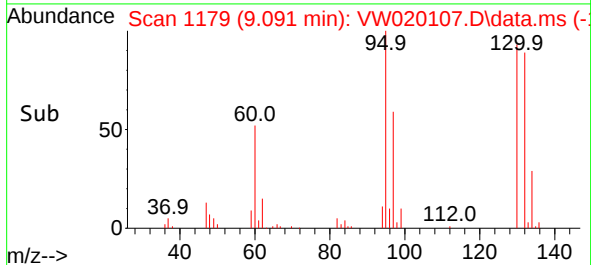
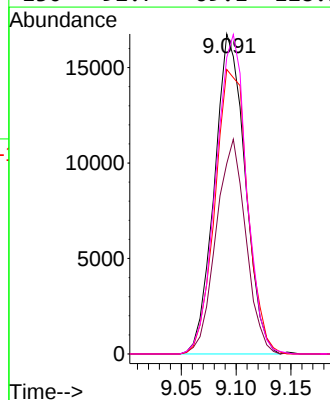
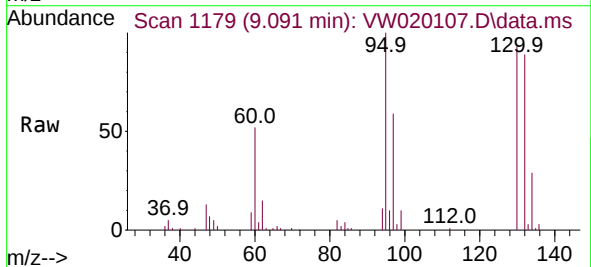
Instrument :
MSVOA_W
ClientSampleId :

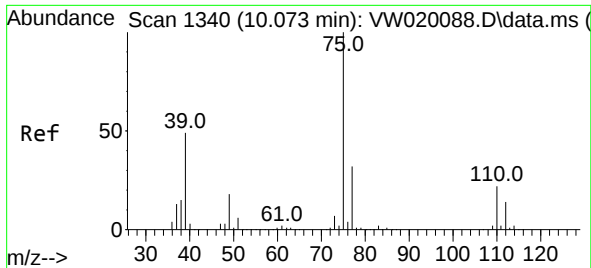
Tgt Ion: 96 Resp: 136943
Ion Ratio Lower Upper
96 100
61 124.8 89.9 167.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 9.279 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

Tgt Ion: 95 Resp: 32645
Ion Ratio Lower Upper
95 100
97 59.5 45.1 83.7
132 88.9 67.9 126.1
130 92.7 69.1 128.3

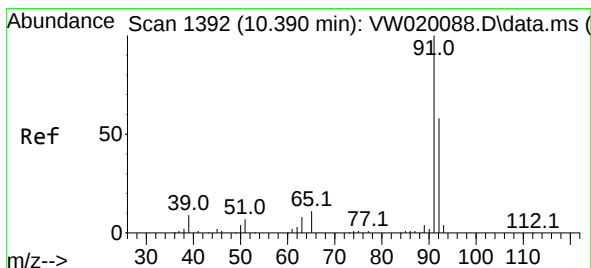
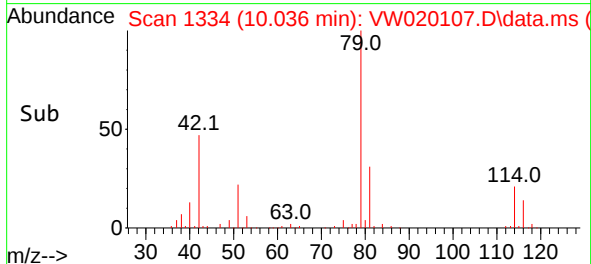
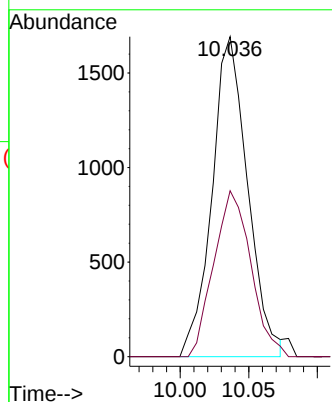
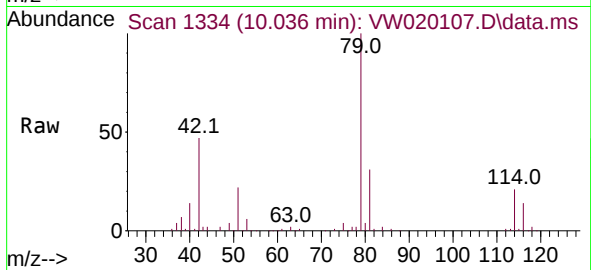




#39
 cis-1,3-Dichloropropene
 Concen: 0.637 ug/L
 RT: 10.036 min Scan# 1334
 Delta R.T. -0.037 min
 Lab File: VW020107.D
 Acq: 21 Sep 2021 21:27

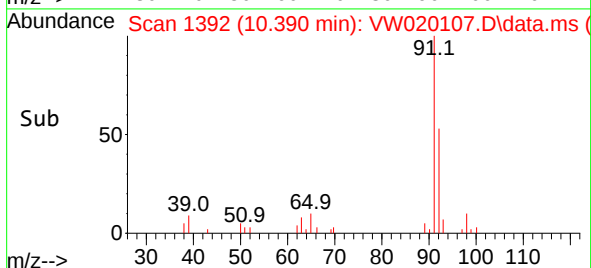
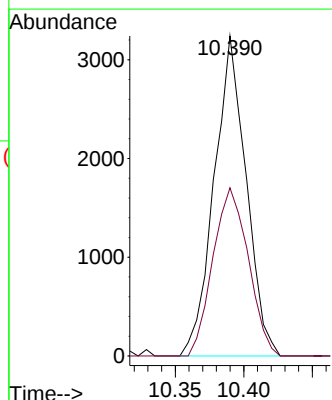
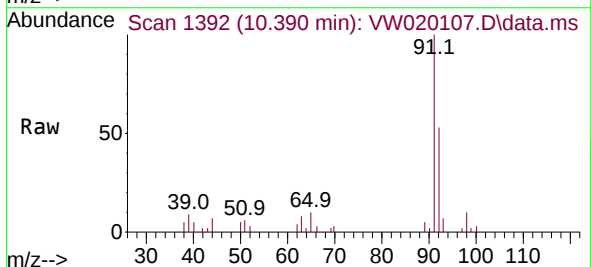
Instrument :
 MSVOA_W
 ClientSampled :

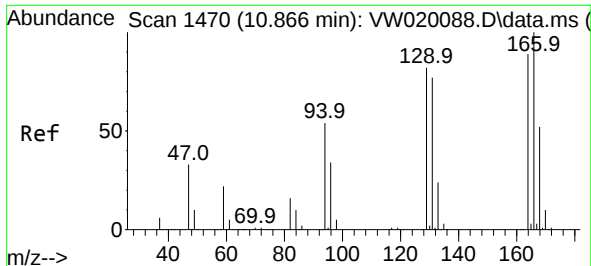
Tgt Ion: 75 Resp: 3058
 Ion Ratio Lower Upper
 75 100
 77 51.8 23.0 42.6#



#42
 Toluene
 Concen: 0.377 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VW020107.D
 Acq: 21 Sep 2021 21:27

Tgt Ion: 91 Resp: 5263
 Ion Ratio Lower Upper
 91 100
 92 52.5 42.2 78.4



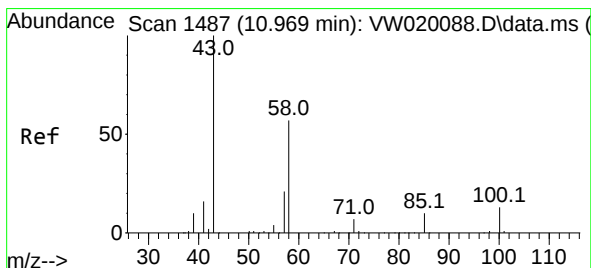
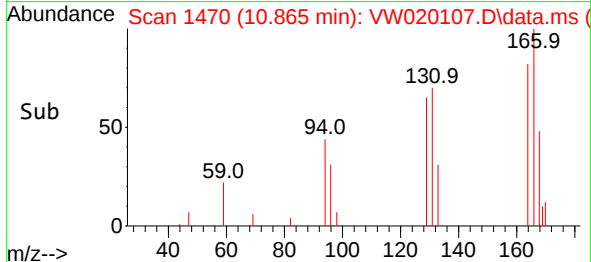
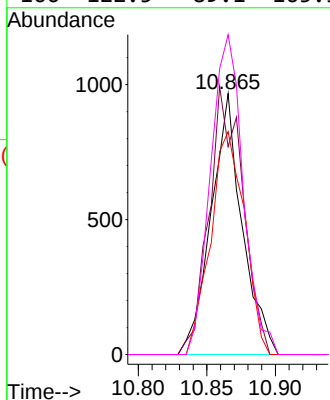
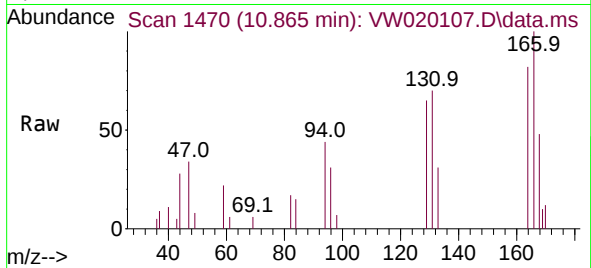


#46
Tetrachloroethene
Concen: 0.563 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:164 Resp: 1531

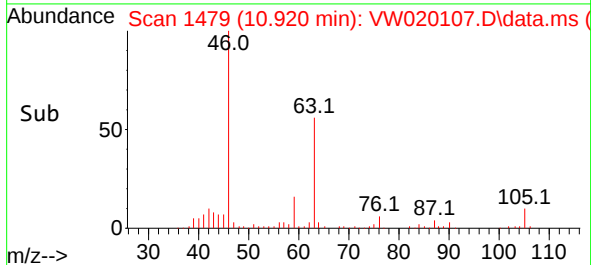
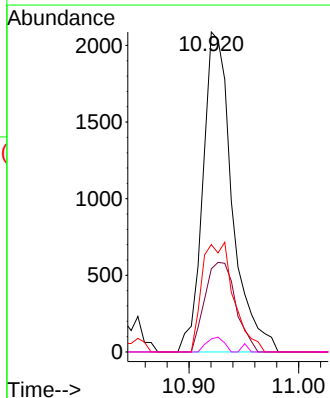
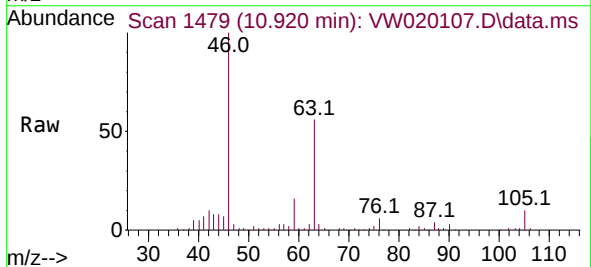
Ion	Ratio	Lower	Upper
164	100		
129	79.7	69.5	129.1
131	85.4	66.5	123.5
166	122.5	89.1	165.5

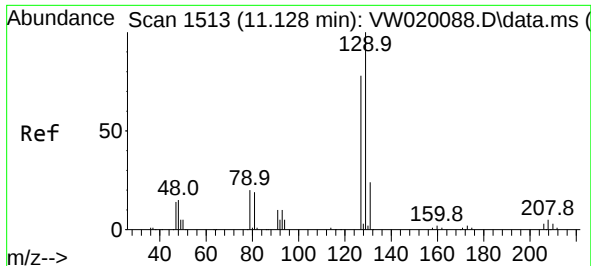


#48
2-Hexanone
Concen: 3.394 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW020107.D
Acq: 21 Sep 2021 21:27

Tgt Ion: 43 Resp: 3876

Ion	Ratio	Lower	Upper
43	100		
58	29.4	43.8	65.6#
57	21.2	15.6	23.4
100	2.7	10.5	15.7#





#49

Dibromochloromethane

Concen: 0.589 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW020107.D

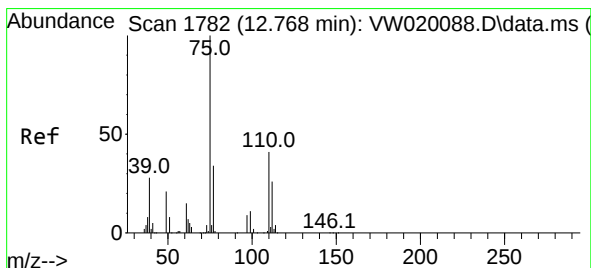
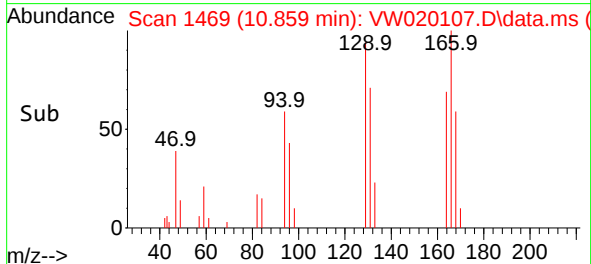
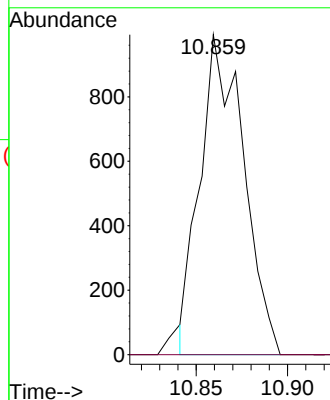
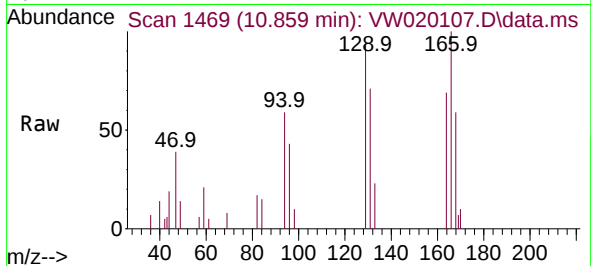
Acq: 21 Sep 2021 21:27

Tgt Ion:129 Resp: 1644

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#



#61

1,2,3-Trichloropropane

Concen: 1.008 ug/L

RT: 12.603 min Scan# 1755

Delta R.T. -0.165 min

Lab File: VW020107.D

Acq: 21 Sep 2021 21:27

Tgt Ion: 75 Resp: 950

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#

110 34.0 30.2 45.2

