

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019118.D
 Acq On : 03 Jun 2021 19:46
 Operator : SY/VA
 Sample : M2596-05
 Misc : 5.89G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 01:05:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 04 01:03:52 2021
 Response via : Initial Calibration

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

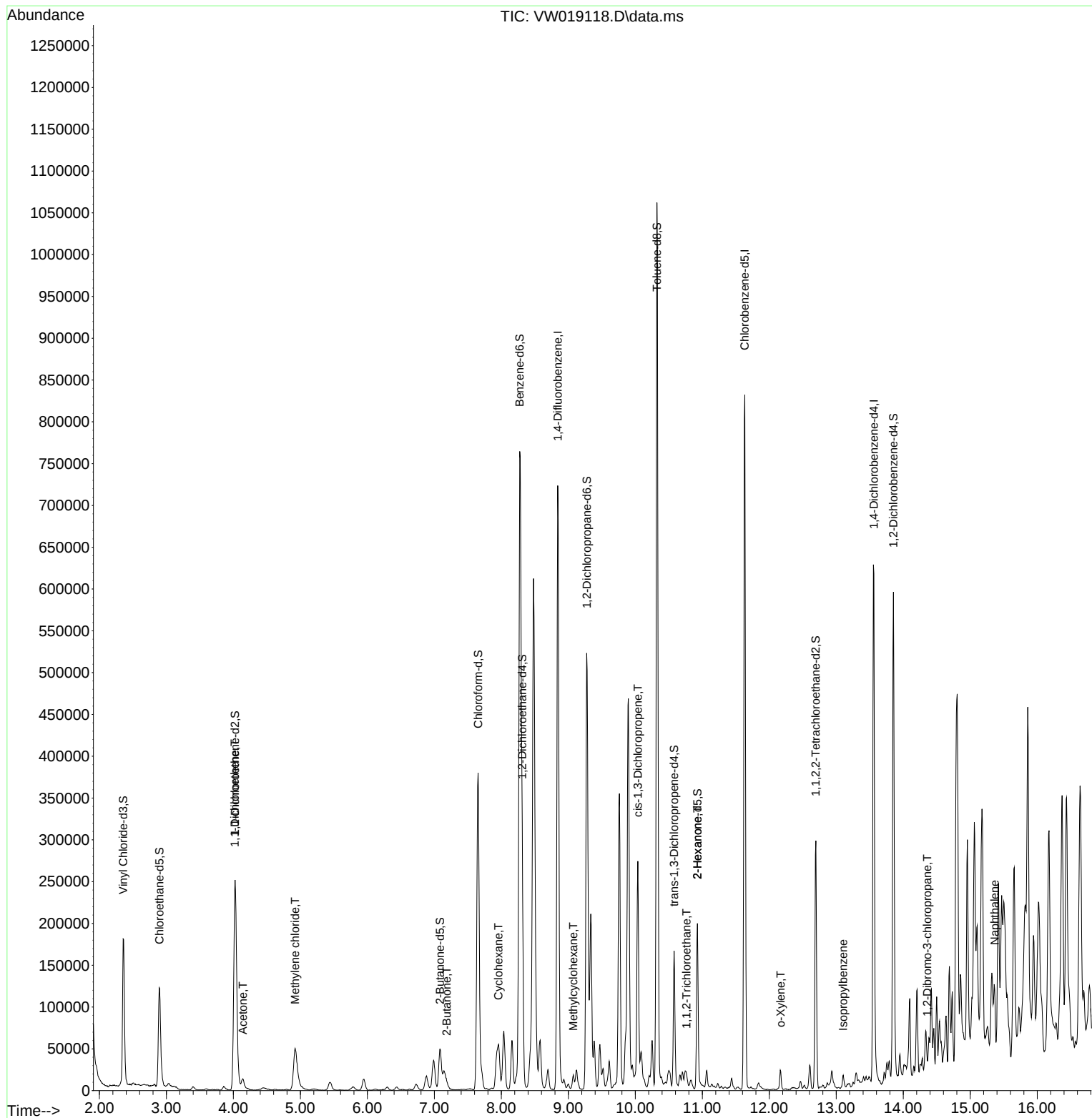
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	568891	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	452319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	160243	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	209016	27.785	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.120%
7) Chloroethane-d5	2.898	69	162642	25.385	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.520%
11) 1,1-Dichloroethene-d2	4.025	63	278261	18.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.480%
21) 2-Butanone-d5	7.086	46	81466	41.343	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.680%
24) Chloroform-d	7.653	84	387690	25.348	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	8.311	65	210482	24.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.120%
32) Benzene-d6	8.275	84	802991	31.159	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.640%
36) 1,2-Dichloropropane-d6	9.275	67	239492	30.655	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.600%#
41) Toluene-d8	10.323	98	682320	28.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.320%
43) trans-1,3-Dichloroprop...	10.579	79	87101	25.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.960%
47) 2-Hexanone-d5	10.927	63	67221	50.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	149789	23.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	148468	26.545	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	2372	0.294	ug/L #	1
13) Acetone	4.141	43	22773	13.042	ug/L	78
16) Methylene chloride	4.922	84	39908	3.781	ug/L	95
22) 2-Butanone	7.183	43	10555	4.521	ug/L	89
29) Cyclohexane	7.958	56	32883	2.794	ug/L	86
35) Methylcyclohexane	9.073	83	4507	0.338	ug/L	89
39) cis-1,3-Dichloropropene	10.037	75	6774	0.598	ug/L #	74
45) 1,1,2-Trichloroethane	10.762	97	4222	0.767	ug/L #	24
48) 2-Hexanone	10.927	43	9026	3.085	ug/L #	61
54) o-Xylene	12.170	106	5921	0.479	ug/L	97
60) Isopropylbenzene	13.103	105	9135	0.381	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.359	75	1198	1.527	ug/L #	17
71) Naphthalene	15.365	128	32702	2.642	ug/L #	96

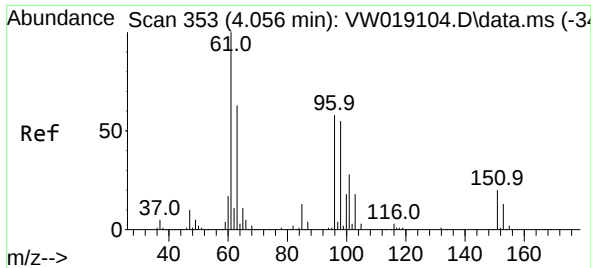
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 04 01:03:52 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.294 ug/L

RT: 4.019 min Scan# 347

Delta R.T. -0.036 min

Lab File: VW019118.D

Acq: 03 Jun 2021 19:46

Tgt Ion: 96 Resp: 2372

Ion Ratio Lower Upper

96 100

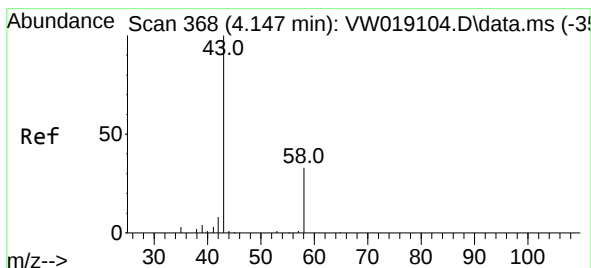
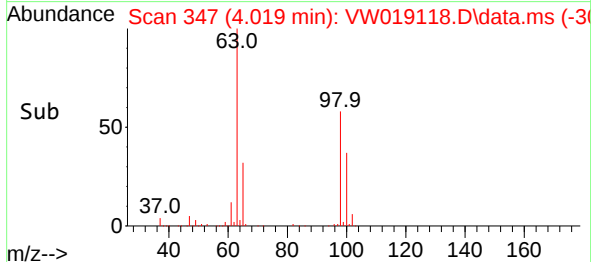
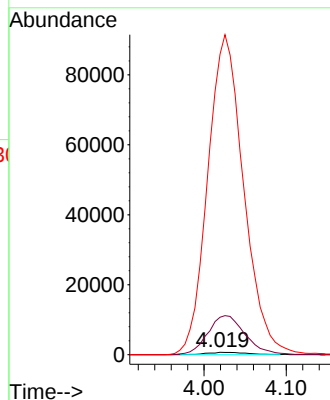
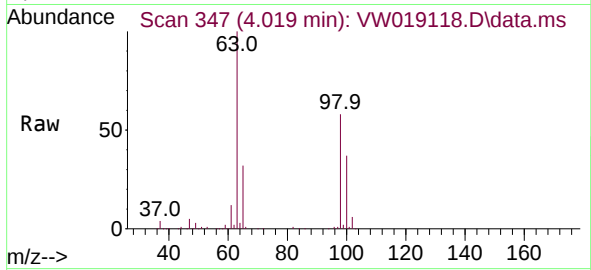
61 1531.7 118.1 219.3#

63 12303.7 83.7 155.5#

Instrument :

MSVOA_W

ClientSampled :



#13

Acetone

Concen: 13.042 ug/L

RT: 4.141 min Scan# 367

Delta R.T. -0.006 min

Lab File: VW019118.D

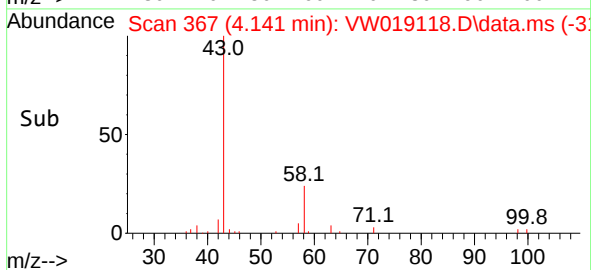
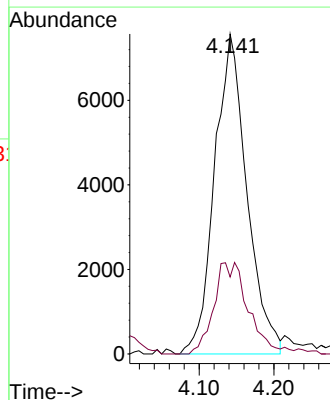
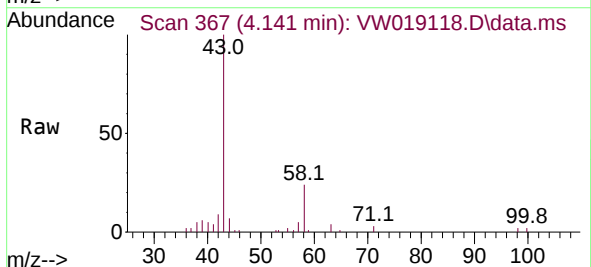
Acq: 03 Jun 2021 19:46

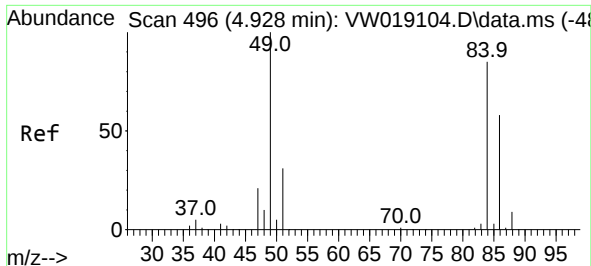
Tgt Ion: 43 Resp: 22773

Ion Ratio Lower Upper

43 100

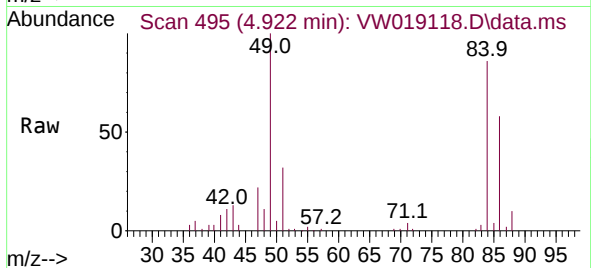
58 15.4 0.0 53.8



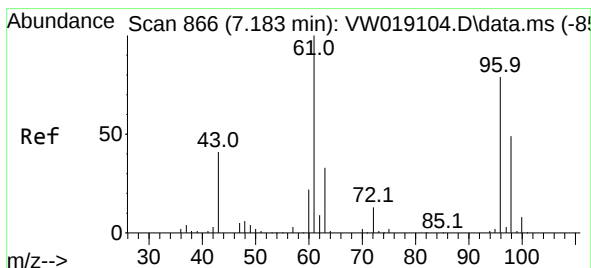
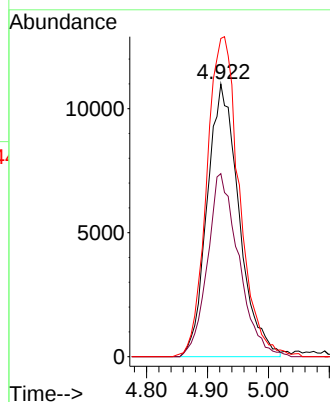
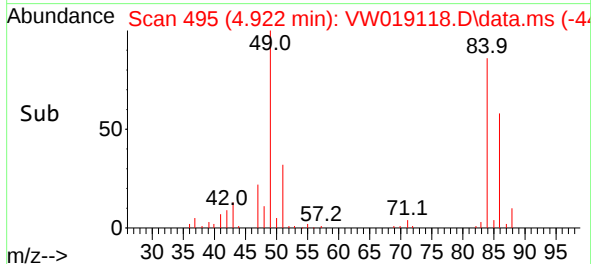


#16
Methylene chloride
Concen: 3.781 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

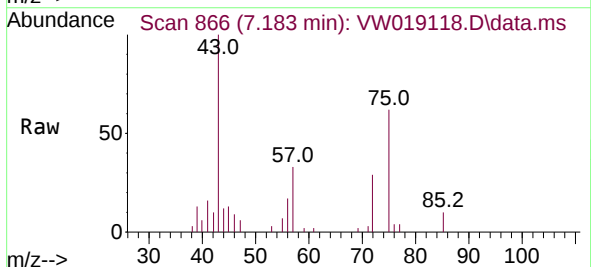
Instrument :
MSVOA_W
ClientSampled :



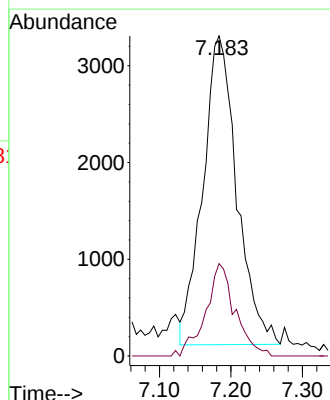
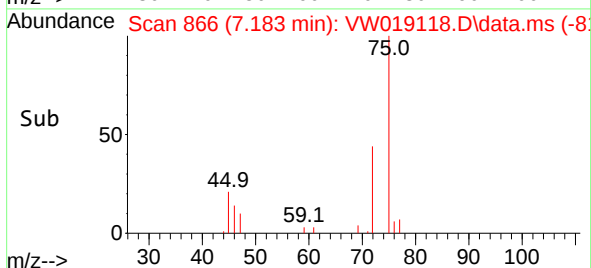
Tgt Ion: 84 Resp: 39908
Ion Ratio Lower Upper
84 100
86 67.2 45.3 84.1
49 116.7 86.6 160.8

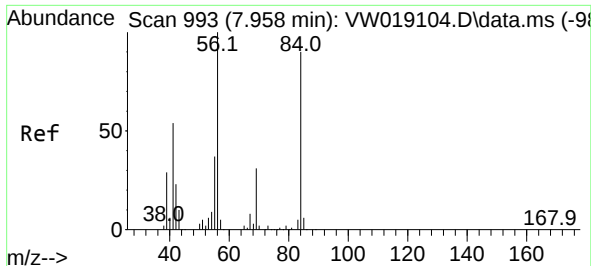


#22
2-Butanone
Concen: 4.521 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46



Tgt Ion: 43 Resp: 10555
Ion Ratio Lower Upper
43 100
72 24.0 14.9 44.7

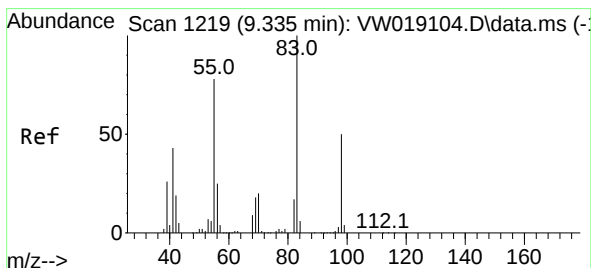
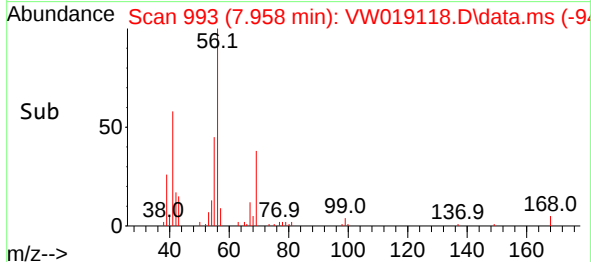
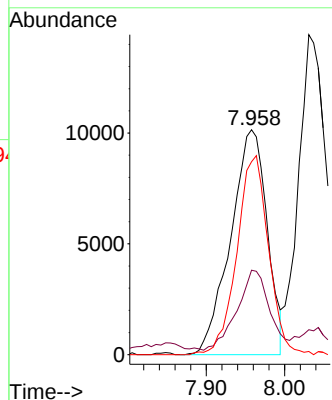
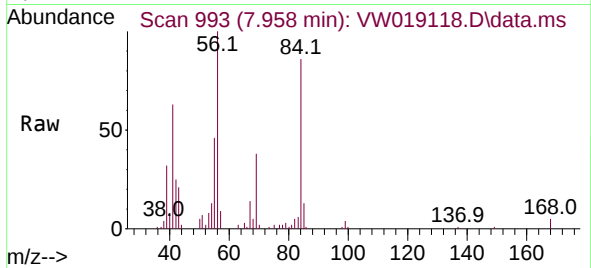




#29
Cyclohexane
Concen: 2.794 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

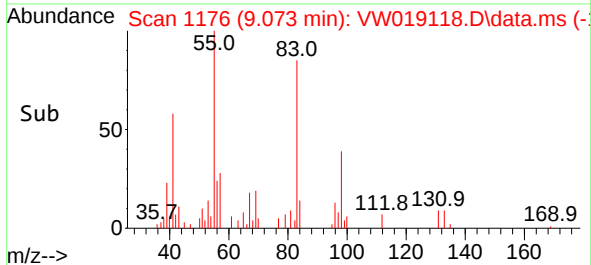
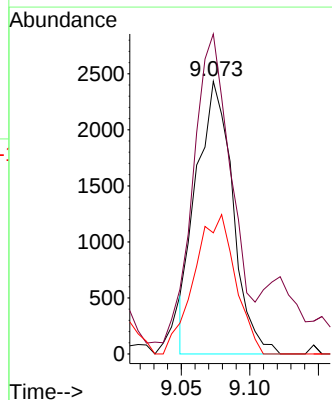
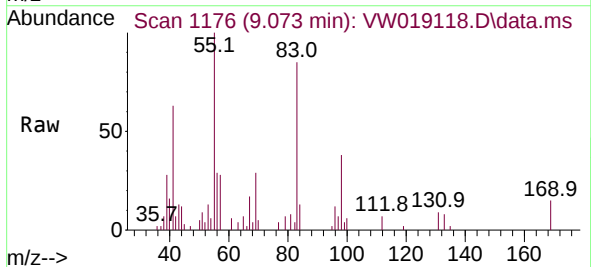
Instrument :
MSVOA_W
ClientSampled :

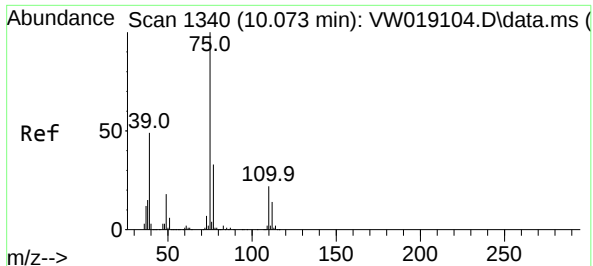
Tgt Ion: 56 Resp: 32883
Ion Ratio Lower Upper
56 100
69 31.6 24.5 36.7
84 76.4 75.0 112.4



#35
Methylcyclohexane
Concen: 0.338 ug/L
RT: 9.073 min Scan# 1176
Delta R.T. -0.262 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

Tgt Ion: 83 Resp: 4507
Ion Ratio Lower Upper
83 100
55 85.4 58.9 88.3
98 53.9 40.1 60.1

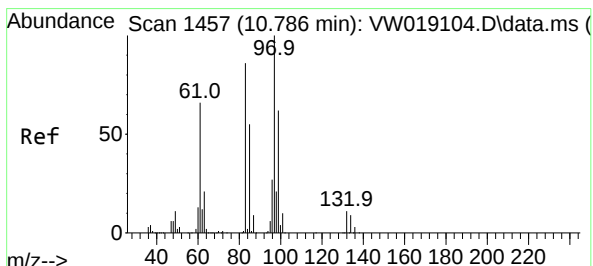
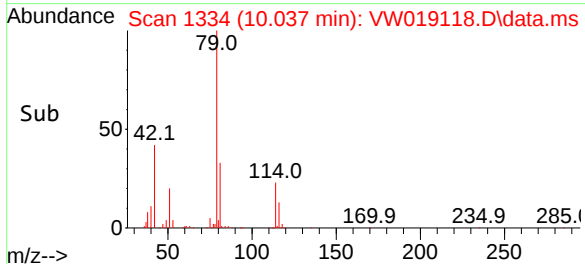
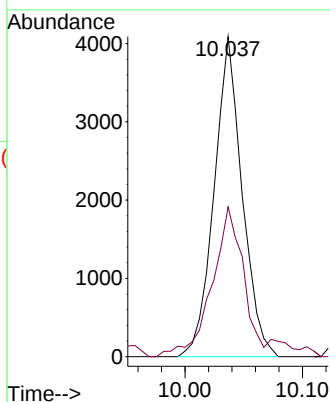
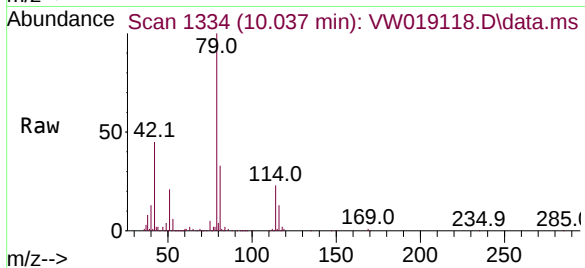




#39
cis-1,3-Dichloropropene
Concen: 0.598 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

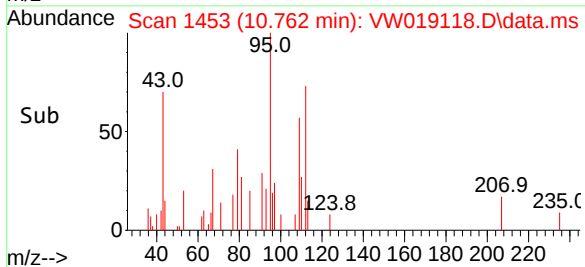
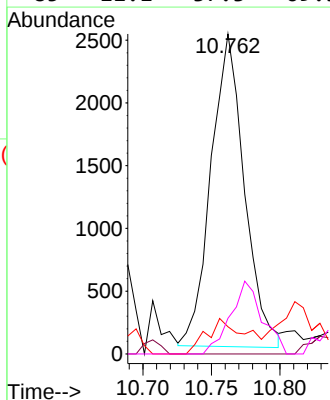
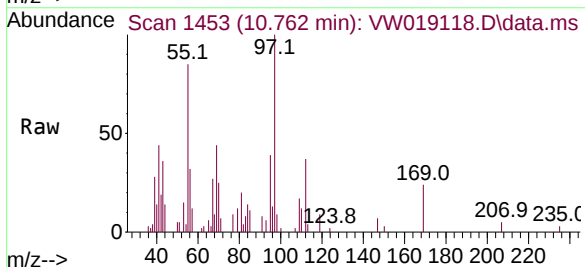
Instrument :
MSVOA_W
ClientSampled :

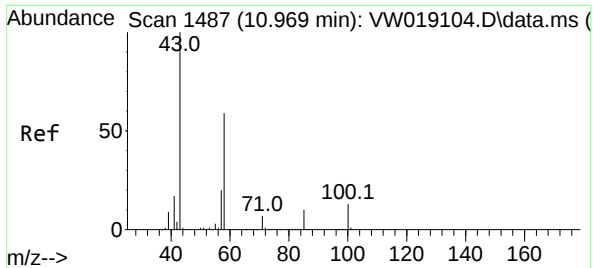
Tgt Ion: 75 Resp: 6774
Ion Ratio Lower Upper
75 100
77 46.8 22.6 42.0#



#45
1,1,2-Trichloroethane
Concen: 0.767 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

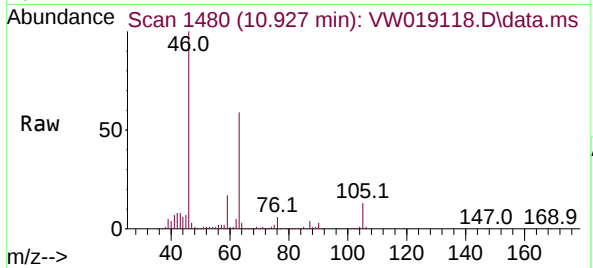
Tgt Ion: 97 Resp: 4222
Ion Ratio Lower Upper
97 100
99 0.0 45.1 83.7#
83 8.5 58.1 107.9#
85 11.1 37.3 69.3#



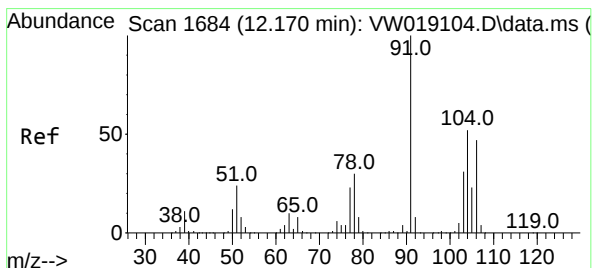
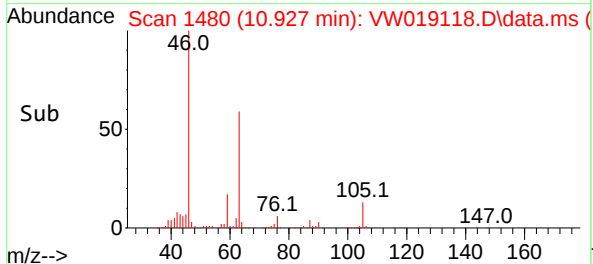
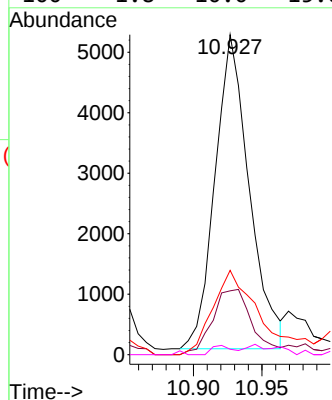


#48
2-Hexanone
Concen: 3.085 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

Instrument :
MSVOA_W
ClientSampled :

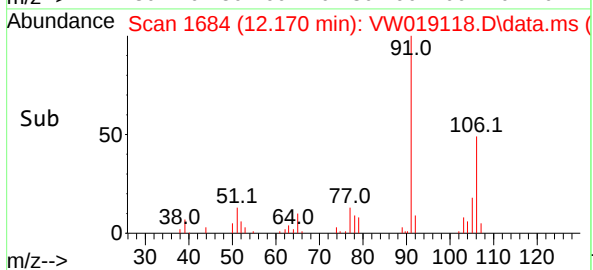
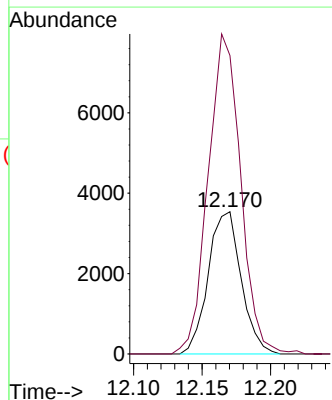
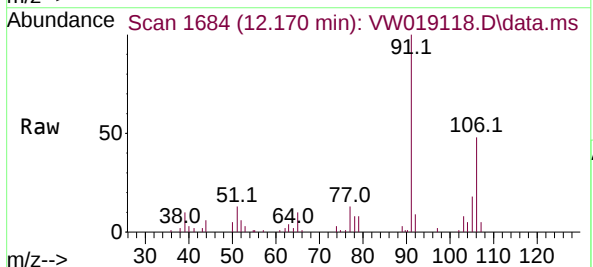


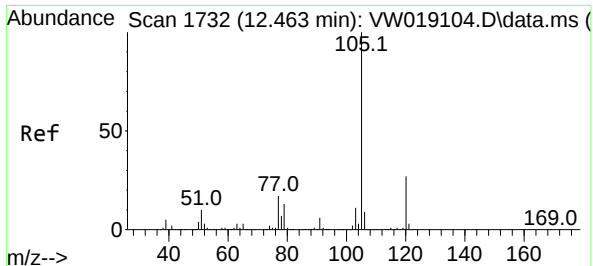
Tgt Ion: 43 Resp: 9026
Ion Ratio Lower Upper
43 100
58 23.8 42.7 64.1#
57 37.0 15.8 23.8#
100 1.8 10.0 15.0#



#54
o-Xylene
Concen: 0.479 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

Tgt Ion: 106 Resp: 5921
Ion Ratio Lower Upper
106 100
91 209.8 150.0 278.6

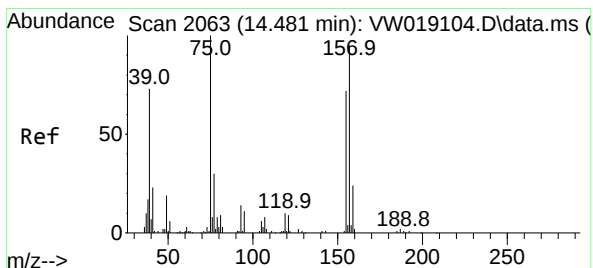
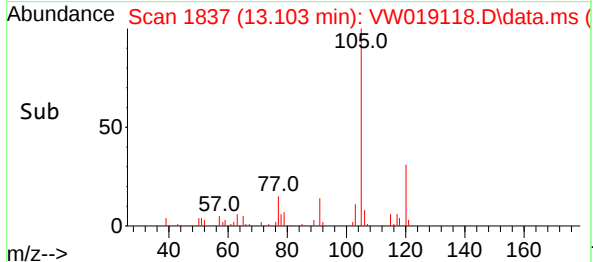
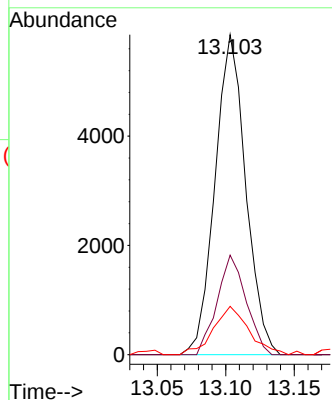
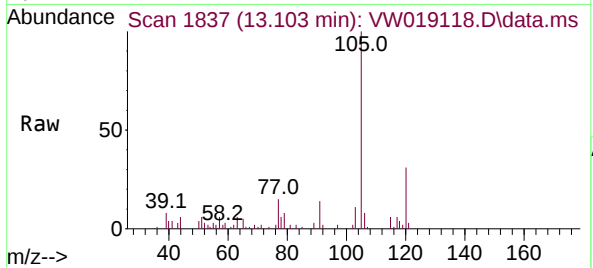




#60
Isopropylbenzene
Concen: 0.381 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

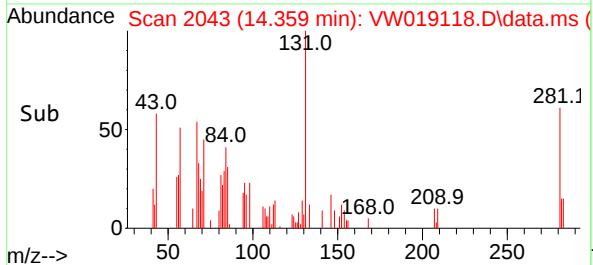
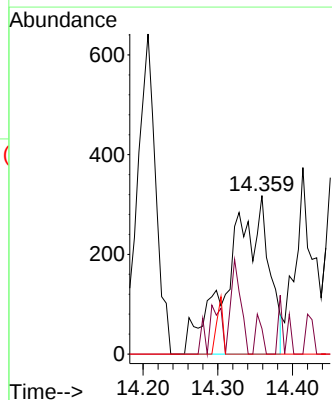
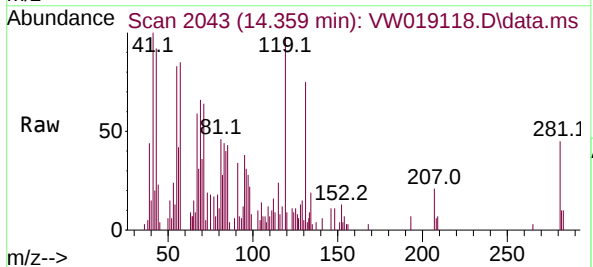
Instrument :
MSVOA_W
ClientSampled :

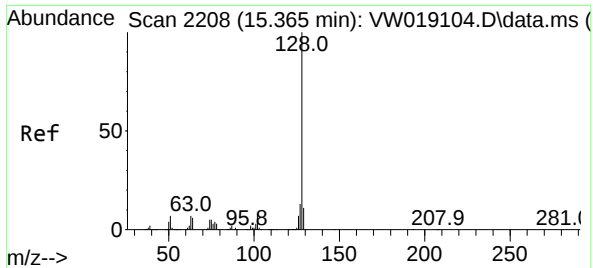
Tgt Ion:	105	Resp:	9135
Ion Ratio	Lower	Upper	
105	100		
120	29.2	21.1	31.7
77	17.3	13.2	19.8



#68
1,2-Dibromo-3-chloropropane
Concen: 1.527 ug/L
RT: 14.359 min Scan# 2043
Delta R.T. -0.122 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

Tgt Ion:	75	Resp:	1198
Ion Ratio	Lower	Upper	
75	100		
155	16.0	59.4	89.0#
157	0.0	72.2	108.2#





#71
Naphthalene
Concen: 2.642 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019118.D
Acq: 03 Jun 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 32702
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 8.5 9.0 13.6#

