

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018759.D
 Acq On : 23 Apr 2021 15:45
 Operator : SY/VA
 Sample : M2165-04
 Misc : 6.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 00:18:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

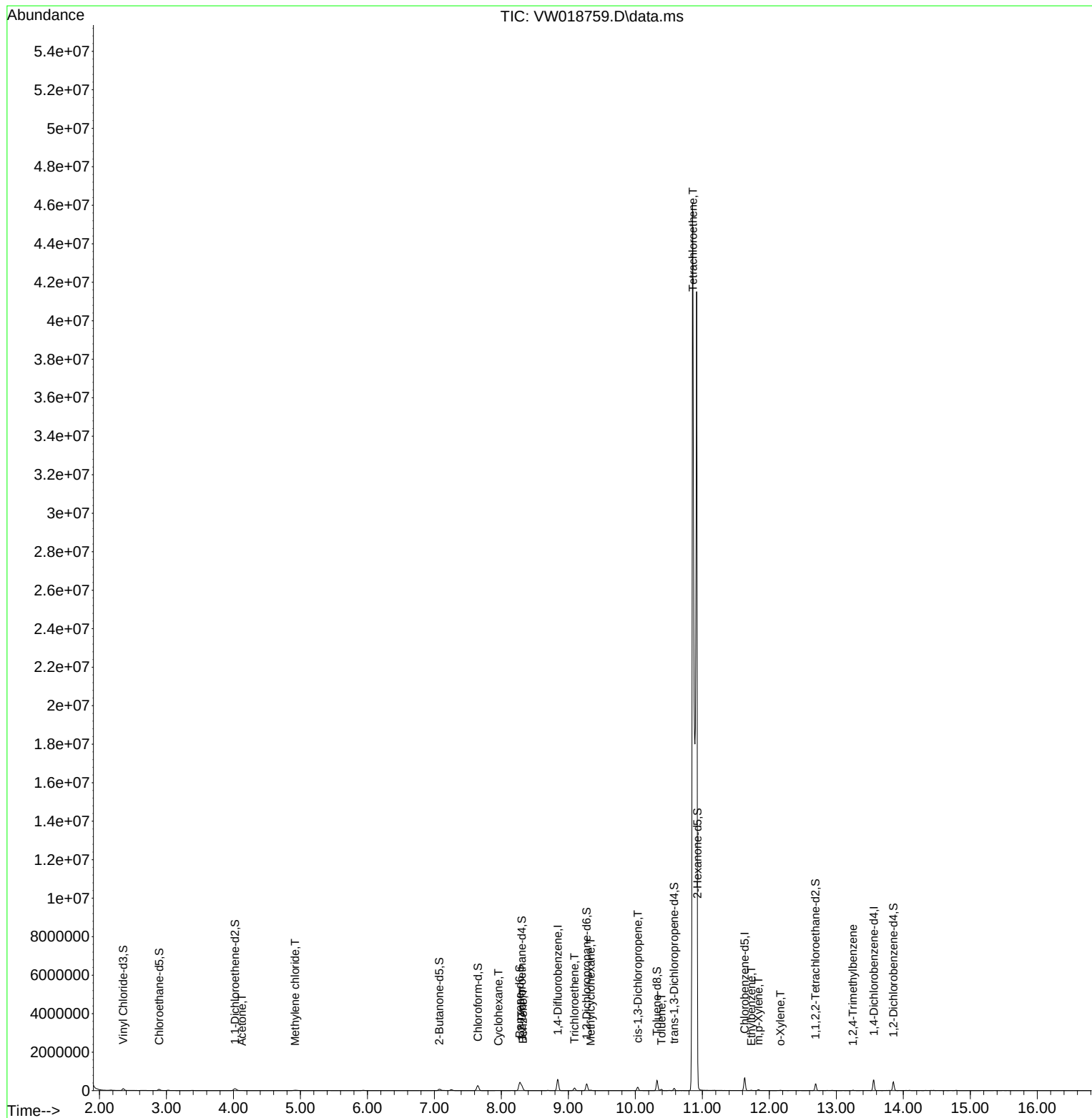
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	474104	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	357593	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	139174	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	89160	12.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.52%
7) Chloroethane-d5	2.891	69	83191	13.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.12%
11) 1,1-Dichloroethene-d2	4.025	63	118214	9.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.80%#
21) 2-Butanone-d5	7.074	46	123093	75.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.12%#
24) Chloroform-d	7.653	84	265181	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	8.305	65	170652	23.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.32%
32) Benzene-d6	8.275	84	441061	21.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.12%
36) 1,2-Dichloropropane-d6	9.274	67	163847	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.68%
41) Toluene-d8	10.323	98	346788	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.32%
43) trans-1,3-Dichloroprop...	10.579	79	67159	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.80%
47) 2-Hexanone-d5	10.927	63	85120	77.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.86%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	177299	33.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.32%#
66) 1,2-Dichlorobenzene-d4	13.853	152	112851	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%
Target Compounds						
13) Acetone	4.129	43	11456	9.62	ug/L	90
16) Methylene chloride	4.922	84	20232	2.60	ug/L	92
29) Cyclohexane	7.958	56	4751	0.54	ug/L #	80
33) Benzene	8.323	78	17427	0.78	ug/L	100
34) Trichloroethene	9.091	95	47616	8.24	ug/L	94
35) Methylcyclohexane	9.335	83	9997	0.99	ug/L	95
39) cis-1,3-Dichloropropene	10.036	75	4726	0.56	ug/L #	78
42) Toluene	10.390	91	49352	2.05	ug/L	98
46) Tetrachloroethene	10.859	164	10152444	2485.21	ug/L	95
52) Ethylbenzene	11.731	91	13488	0.51	ug/L	94
53) m,p-Xylene	11.841	106	11714	1.20	ug/L	93
54) o-Xylene	12.164	106	3971	0.42	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	13080	0.77	ug/L	99

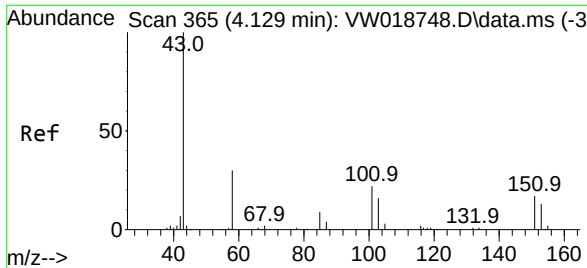
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
Data File : VW018759.D
Acq On : 23 Apr 2021 15:45
Operator : SY/VA
Sample : M2165-04
Misc : 6.25G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 24 00:18:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 24 00:16:05 2021
Response via : Initial Calibration

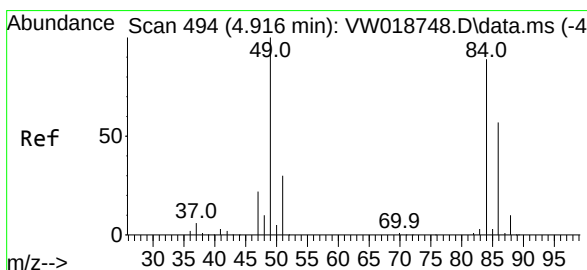
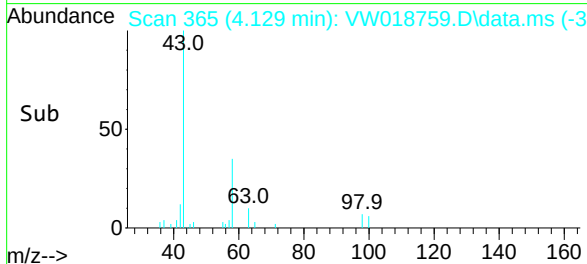
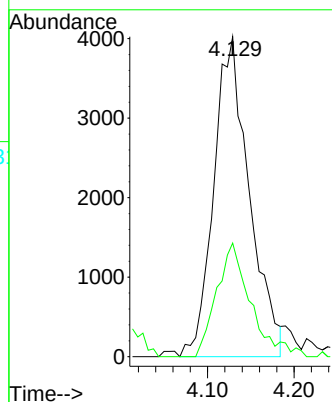
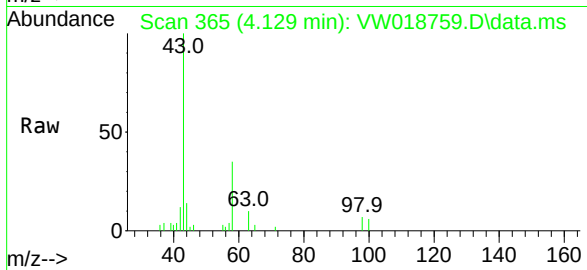




#13
Acetone
Concen: 9.62 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

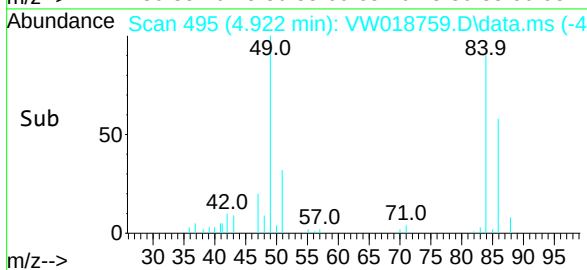
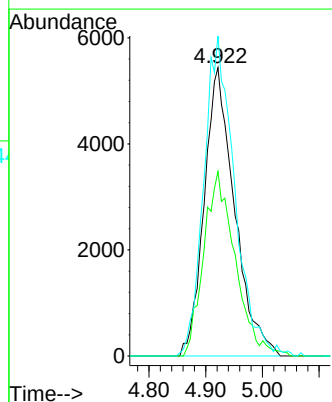
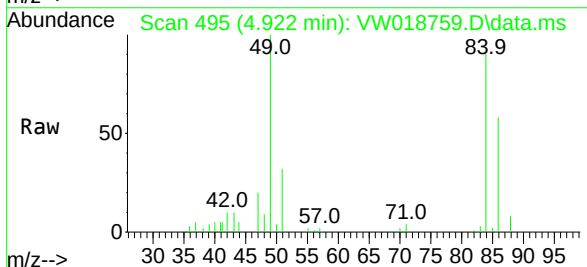
Instrument :
MSVOA_W
ClientSampled :

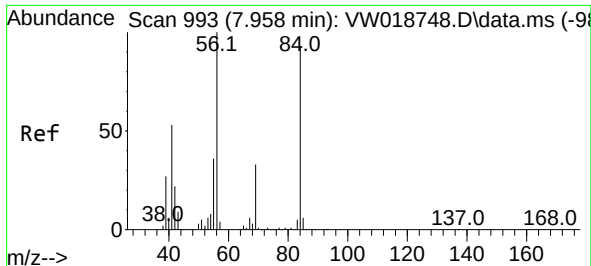
Tgt Ion: 43 Resp: 11456
Ion Ratio Lower Upper
43 100
58 32.1 0.0 53.8



#16
Methylene chloride
Concen: 2.60 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion: 84 Resp: 20232
Ion Ratio Lower Upper
84 100
86 63.9 45.3 84.1
49 111.0 86.6 160.8

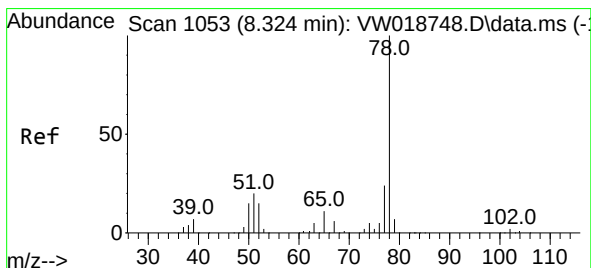
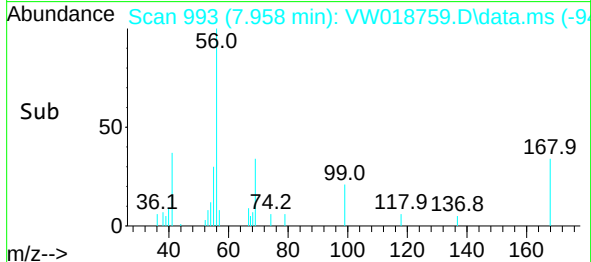
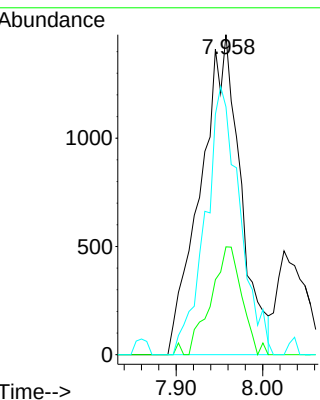
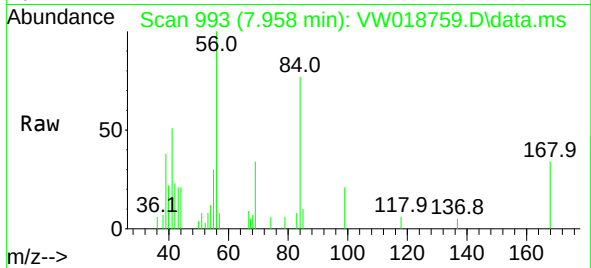




#29
Cyclohexane
Concen: 0.54 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

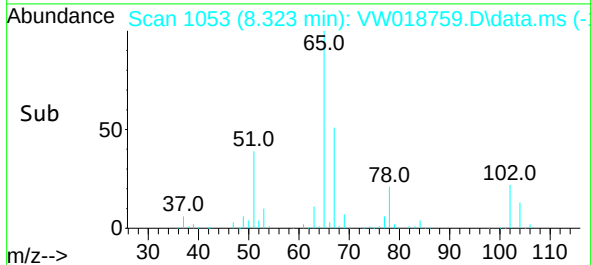
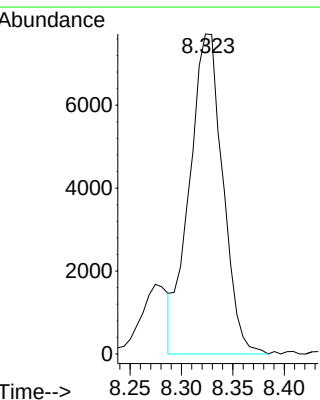
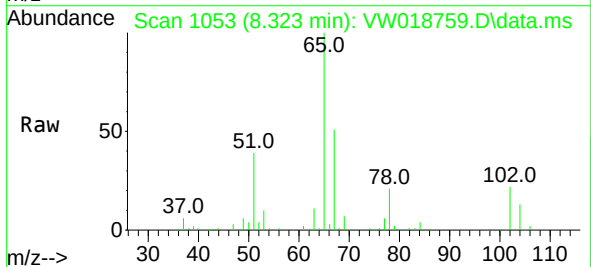
Instrument :
MSVOA_W
ClientSampleId :

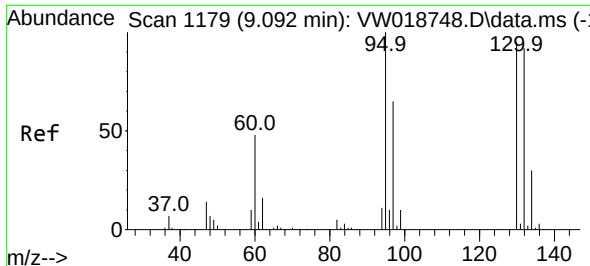
Tgt Ion: 56 Resp: 4751
Ion Ratio Lower Upper
56 100
69 25.4 24.5 36.7
84 71.7 75.0 112.4#



#33
Benzene
Concen: 0.78 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion: 78 Resp: 17427



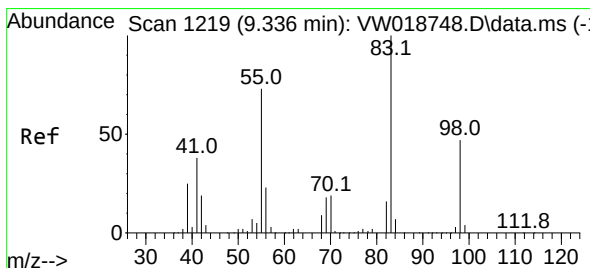
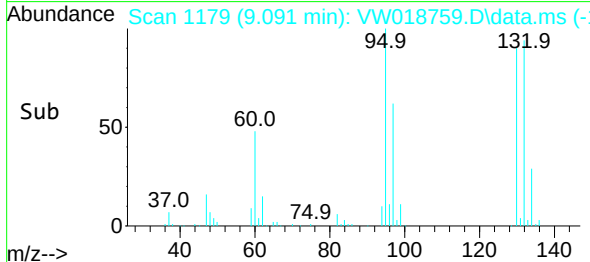
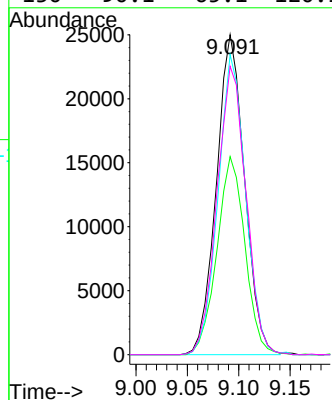
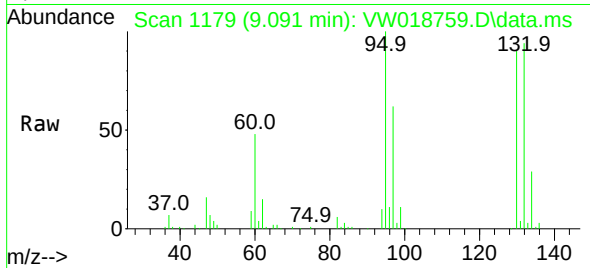


#34
Trichloroethene
Concen: 8.24 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 47616

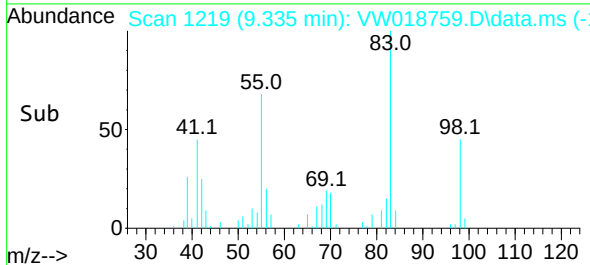
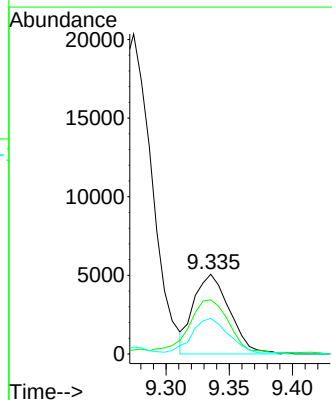
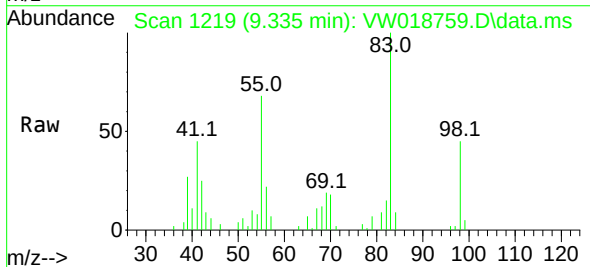
Ion	Ratio	Lower	Upper
95	100		
97	61.9	47.3	87.8
132	93.8	71.0	131.8
130	90.1	65.1	120.9

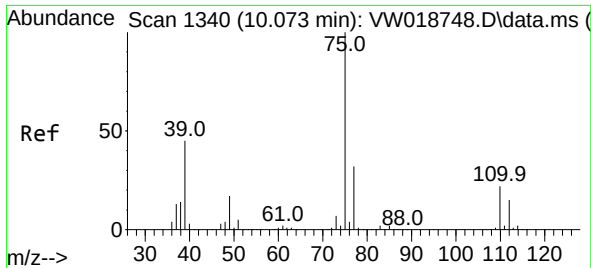


#35
Methylcyclohexane
Concen: 0.99 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion: 83 Resp: 9997

Ion	Ratio	Lower	Upper
83	100		
55	77.0	58.9	88.3
98	46.4	40.1	60.1

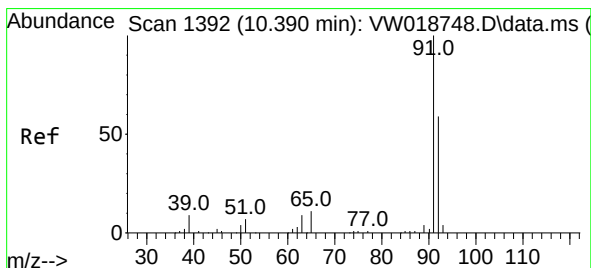
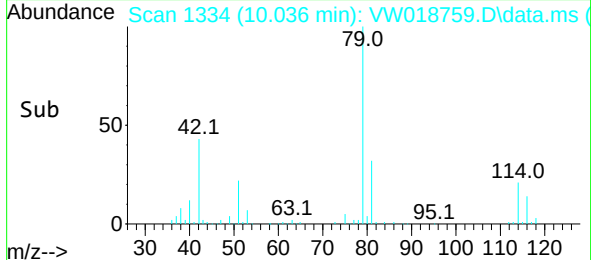
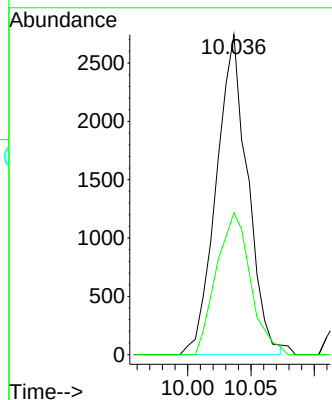
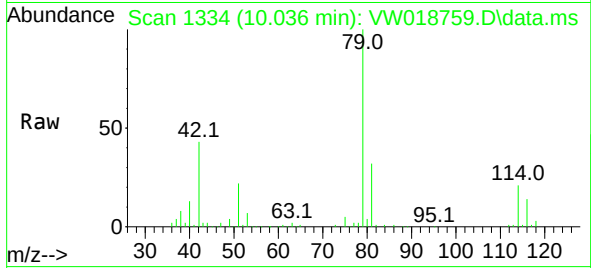




#39
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

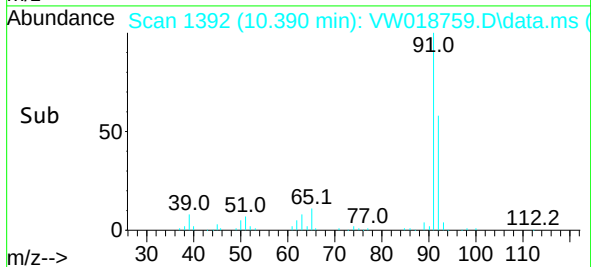
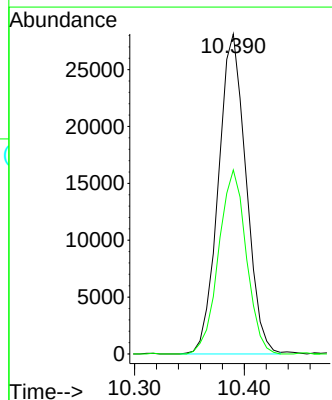
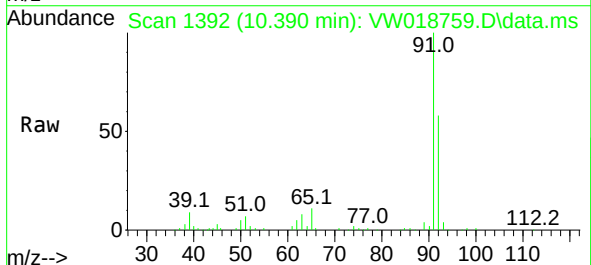
Instrument :
MSVOA_W
ClientSampled :

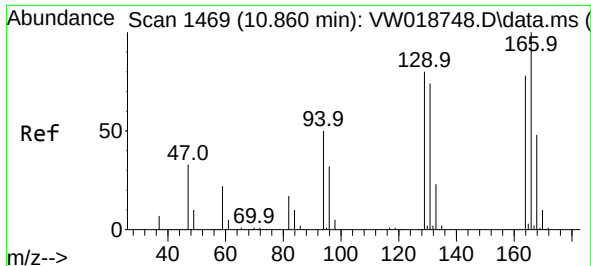
Tgt Ion: 75 Resp: 4726
Ion Ratio Lower Upper
75 100
77 44.4 22.6 42.0#



#42
Toluene
Concen: 2.05 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

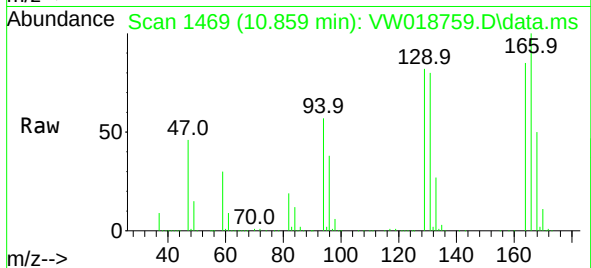
Tgt Ion: 91 Resp: 49352
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.3





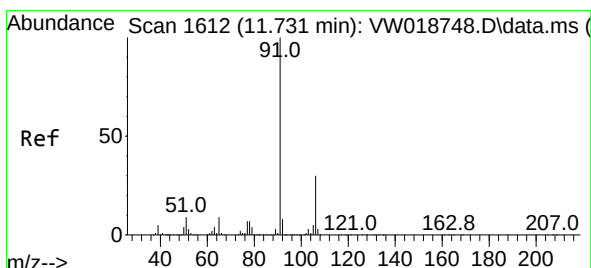
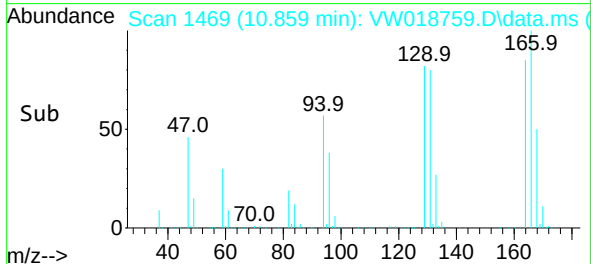
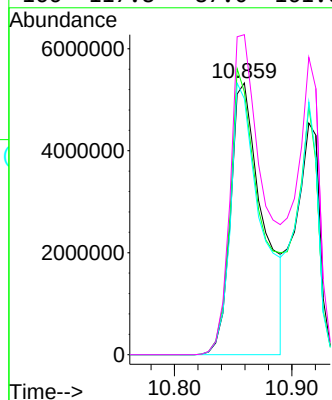
#46
Tetrachloroethene
Concen: 2485.21 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp:10152444

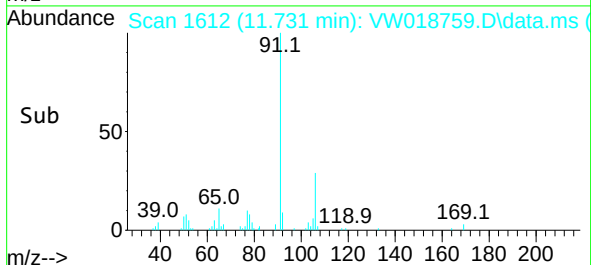
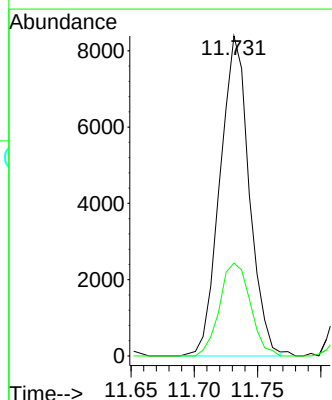
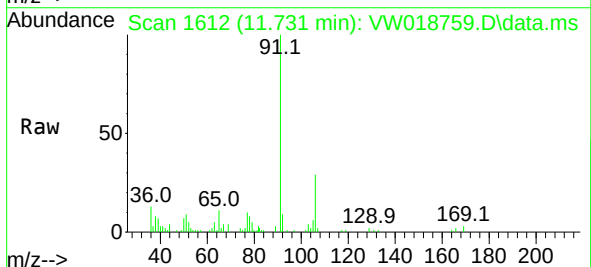
Ion	Ratio	Lower	Upper
164	100		
129	96.7	66.7	123.9
131	94.2	61.1	113.5
166	117.8	87.0	161.6

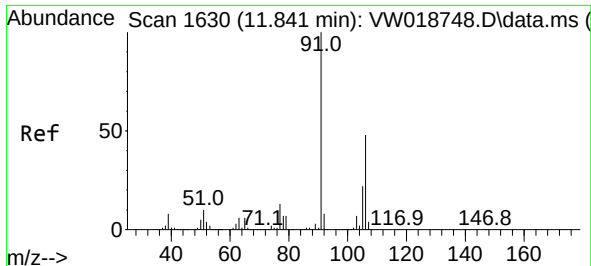


#52
Ethylbenzene
Concen: 0.51 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion: 91 Resp: 13488

Ion	Ratio	Lower	Upper
91	100		
106	29.0	22.5	41.7

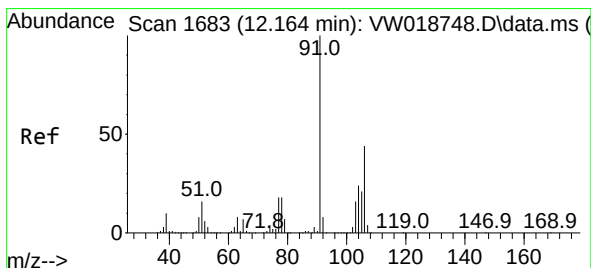
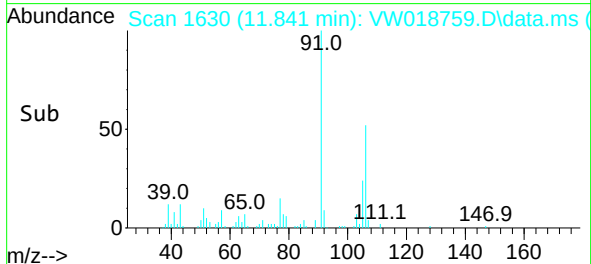
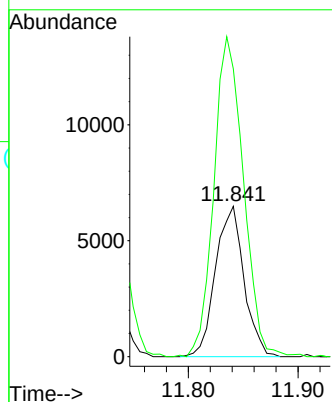
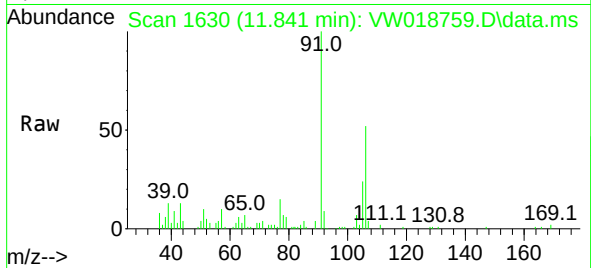




#53
m,p-Xylene
Concen: 1.20 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

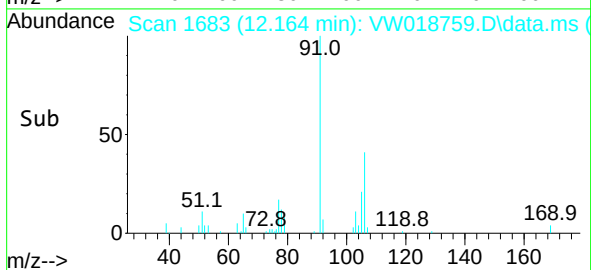
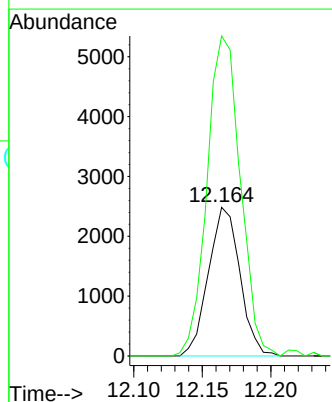
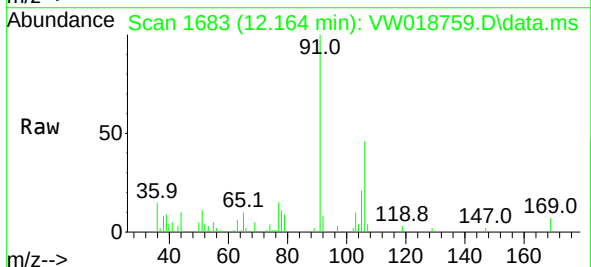
Instrument :
MSVOA_W
ClientSampled :

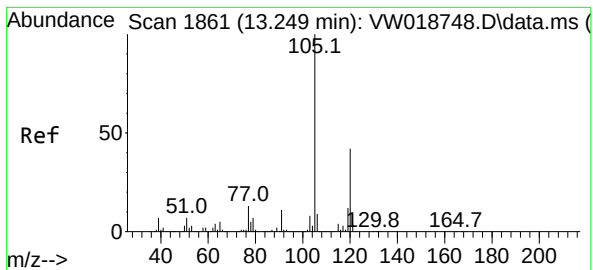
Tgt Ion:106 Resp: 11714
Ion Ratio Lower Upper
106 100
91 191.4 141.3 262.3



#54
o-Xylene
Concen: 0.42 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018759.D
Acq: 23 Apr 2021 15:45

Tgt Ion:106 Resp: 3971
Ion Ratio Lower Upper
106 100
91 215.2 150.0 278.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.77 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW018759.D
 Acq: 23 Apr 2021 15:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 13080
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.6 53.4

