

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018823.D
 Acq On : 28 Apr 2021 16:19
 Operator : SY/VA
 Sample : M2177-09
 Misc : 3.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 00:16:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	480704	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	379362	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	146995	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	60197	8.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.96%
7) Chloroethane-d5	2.891	69	79991	12.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.40%
11) 1,1-Dichloroethene-d2	4.019	63	110330	8.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.80%#
21) 2-Butanone-d5	7.080	46	105554	63.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.96%
24) Chloroform-d	7.653	84	255730	19.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.52%
26) 1,2-Dichloroethane-d4	8.305	65	160427	21.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.52%
32) Benzene-d6	8.281	84	422047	18.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.84%
36) 1,2-Dichloropropane-d6	9.274	67	154525	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	10.323	98	327025	16.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.28%
43) trans-1,3-Dichloroprop...	10.579	79	59146	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.88%
47) 2-Hexanone-d5	10.927	63	93730	80.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	160.74%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	157757	28.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.68%
66) 1,2-Dichlorobenzene-d4	13.853	152	113951	22.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.28%
Target Compounds						Qvalue
13) Acetone	4.129	43	77761	64.42	ug/L	90
14) Carbon disulfide	4.391	76	30940	1.65	ug/L	99
16) Methylene chloride	4.928	84	39499	5.01	ug/L	88
22) 2-Butanone	7.177	43	28814	15.71	ug/L	98
33) Benzene	8.323	78	11098	0.47	ug/L	100
35) Methylcyclohexane	9.342	83	9734	0.91	ug/L #	82
39) cis-1,3-Dichloropropene	10.037	75	4501	0.50	ug/L #	42
45) 1,1,2-Trichloroethane	10.768	97	3385	0.76	ug/L #	56
48) 2-Hexanone	10.933	43	23148	9.88	ug/L #	45
54) o-Xylene	12.170	106	11245	1.13	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.682	83	10635	1.91	ug/L #	64
59) Bromoform	12.347	173	961	0.46	ug/L #	49
60) Isopropylbenzene	13.103	105	32959	1.52	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	30207	1.69	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	36706	2.05	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.207	75	1280	1.83	ug/L	89
71) Naphthalene	15.365	128	18691	1.67	ug/L #	80

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 29 00:16:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration

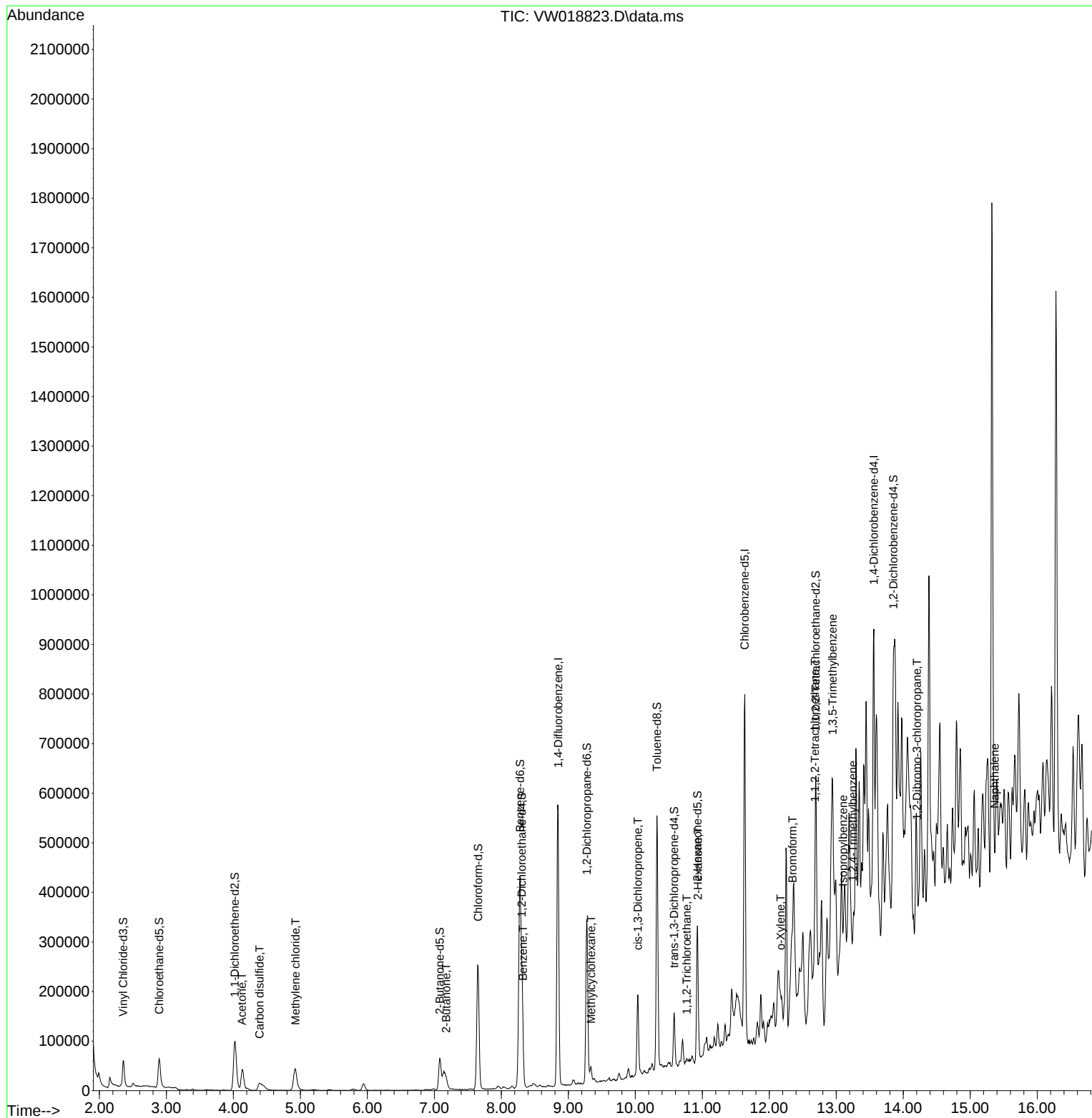
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

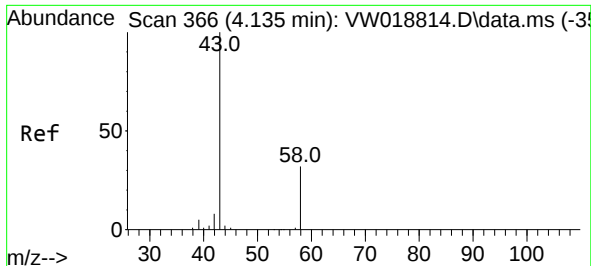
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018823.D
Acq On : 28 Apr 2021 16:19
Operator : SY/VA
Sample : M2177-09
Misc : 3.98G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 29 00:16:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration

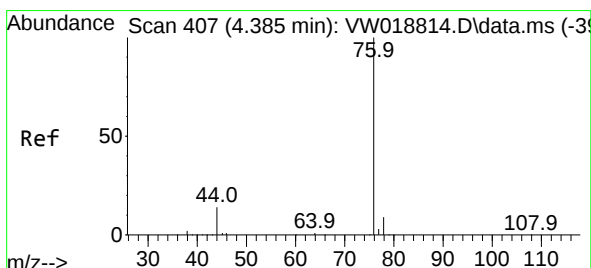
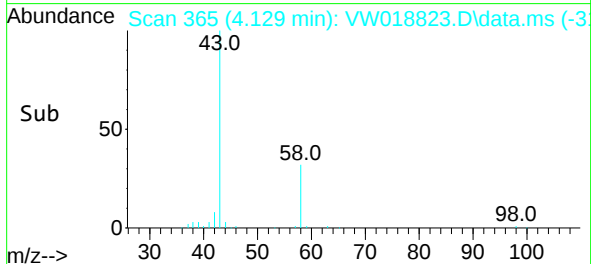
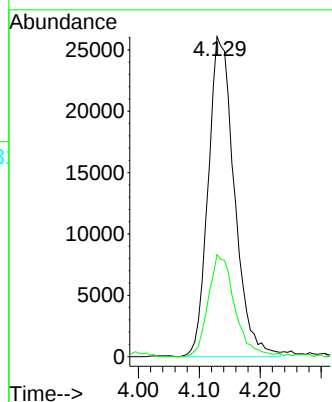
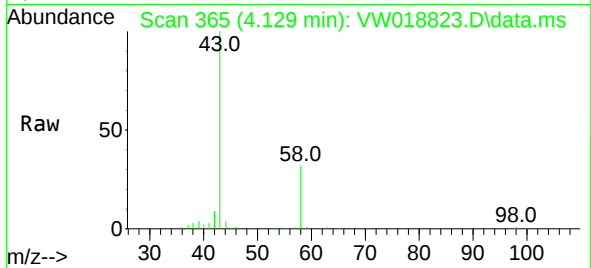




#13
Acetone
Concen: 64.42 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

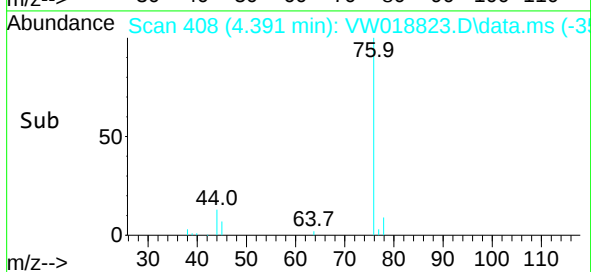
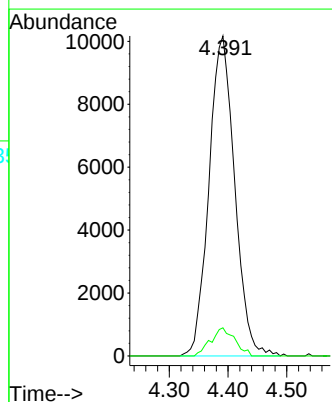
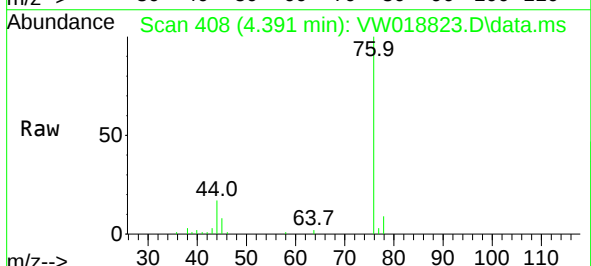
Instrument :
MSVOA_W
ClientSampled :

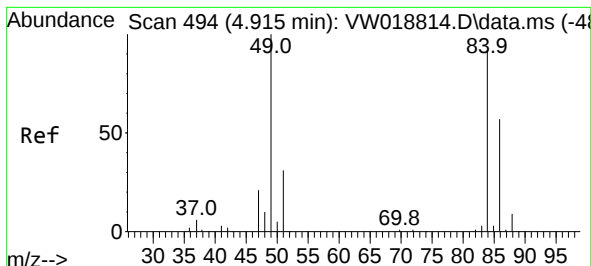
Tgt Ion: 43 Resp: 77761
Ion Ratio Lower Upper
43 100
58 32.1 0.0 53.8



#14
Carbon disulfide
Concen: 1.65 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Tgt Ion: 76 Resp: 30940
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





#16

Methylene chloride

Concen: 5.01 ug/L

RT: 4.928 min Scan# 496

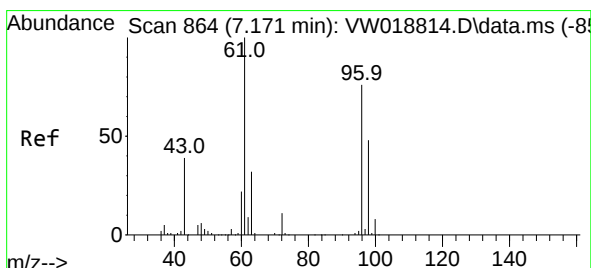
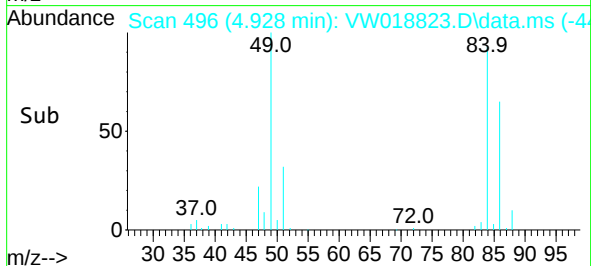
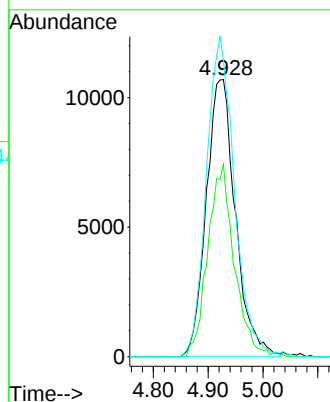
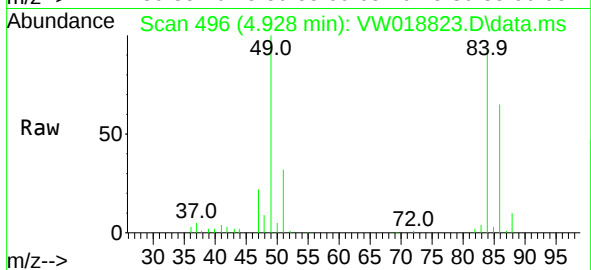
Delta R.T. 0.012 min

Lab File: VW018823.D

Acq: 28 Apr 2021 16:19

Tgt Ion: 84 Resp: 39499

Ion	Ratio	Lower	Upper
84	100		
86	69.4	45.3	84.1
49	107.0	86.6	160.8



#22

2-Butanone

Concen: 15.71 ug/L

RT: 7.177 min Scan# 865

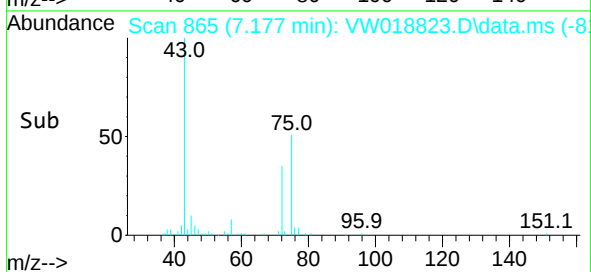
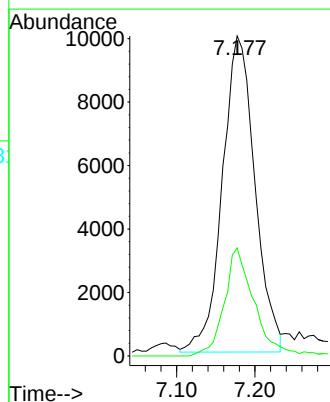
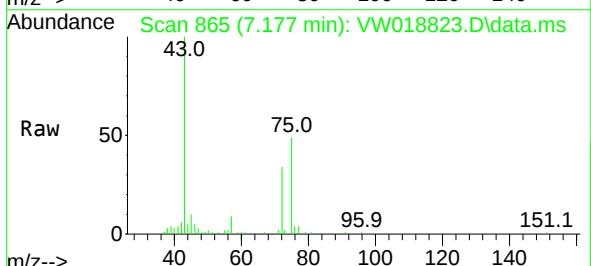
Delta R.T. 0.006 min

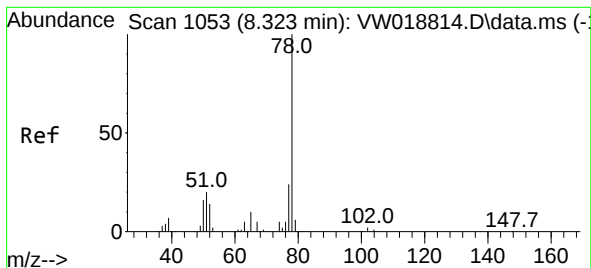
Lab File: VW018823.D

Acq: 28 Apr 2021 16:19

Tgt Ion: 43 Resp: 28814

Ion	Ratio	Lower	Upper
43	100		
72	30.9	14.9	44.7





#33

Benzene

Concen: 0.47 ug/L

RT: 8.323 min Scan# 1053

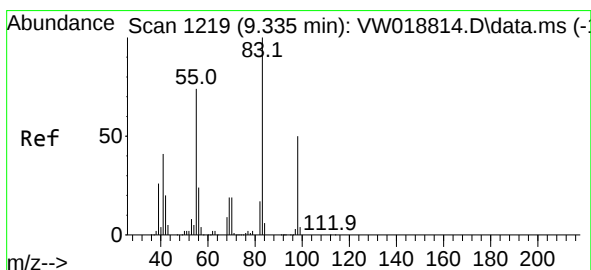
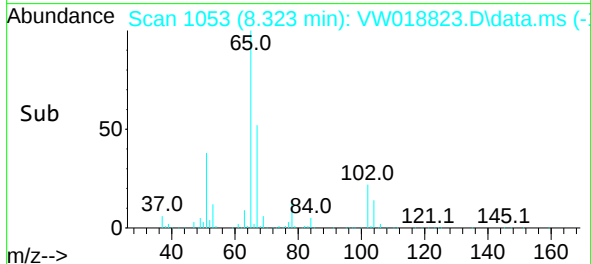
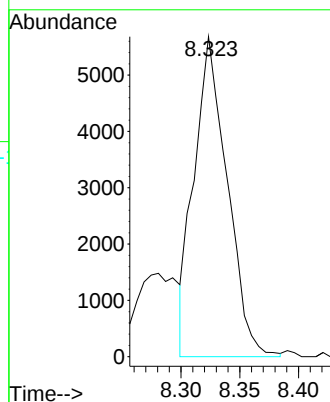
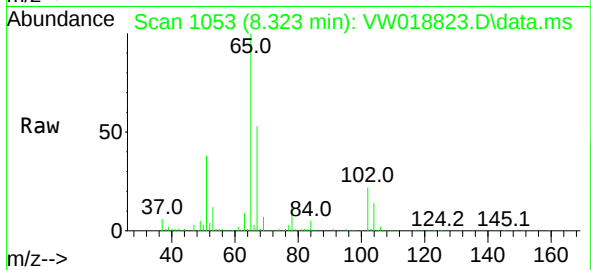
Delta R.T. 0.000 min

Lab File: VW018823.D

Acq: 28 Apr 2021 16:19

Tgt Ion: 78 Resp: 11098

Instrument :
MSVOA_W
ClientSampled :



#35

Methylcyclohexane

Concen: 0.91 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW018823.D

Acq: 28 Apr 2021 16:19

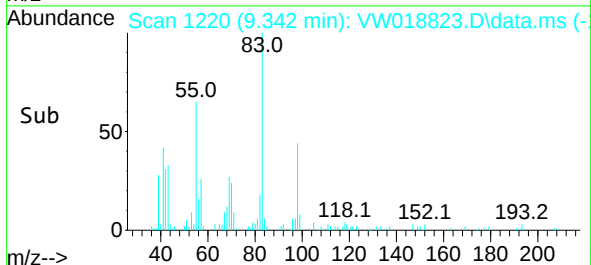
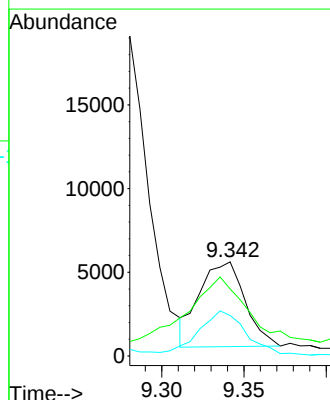
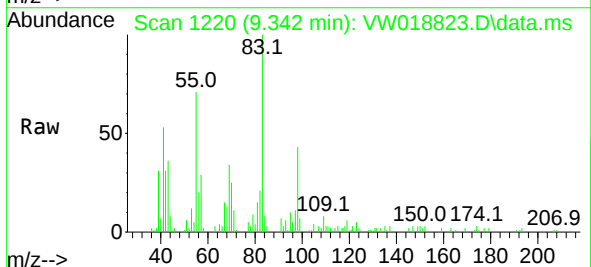
Tgt Ion: 83 Resp: 9734

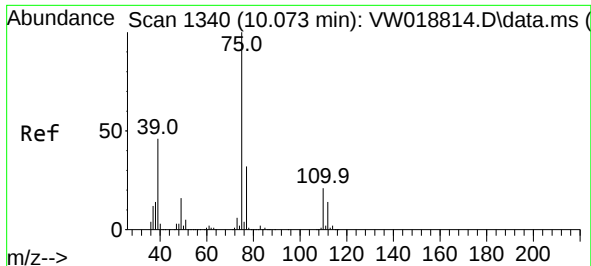
Ion Ratio Lower Upper

83 100

55 98.3 58.9 88.3#

98 51.2 40.1 60.1

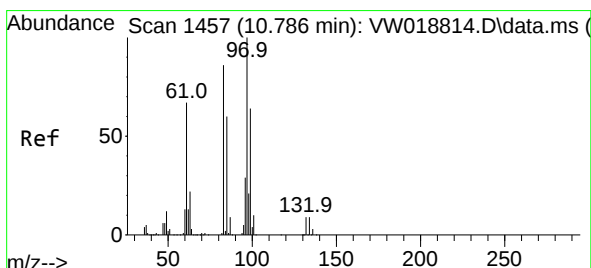
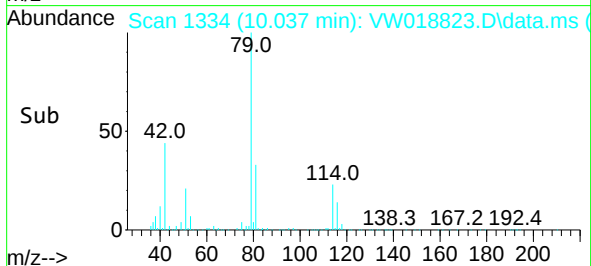
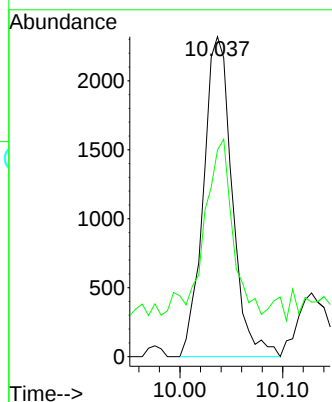
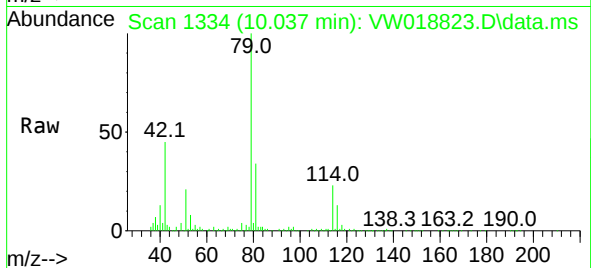




#39
cis-1,3-Dichloropropene
Concen: 0.50 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

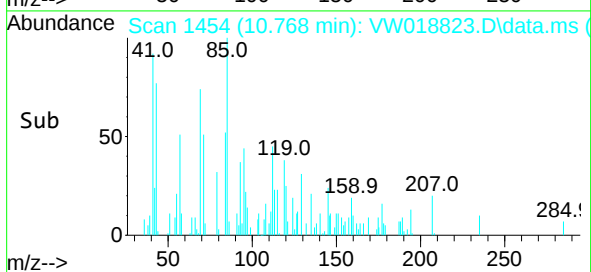
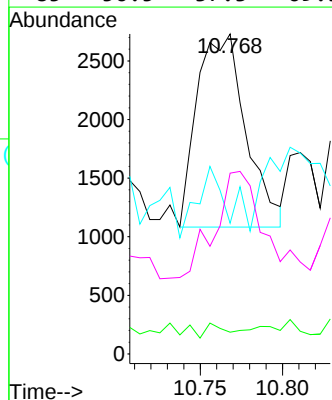
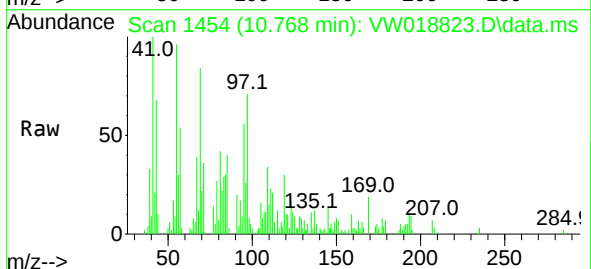
Instrument :
MSVOA_W
ClientSampled :

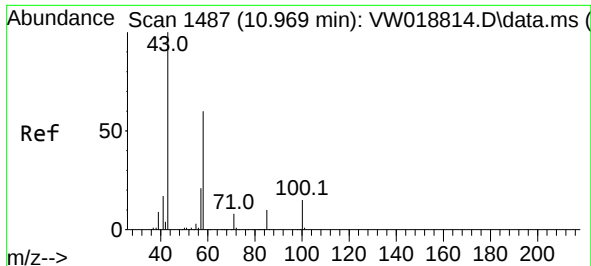
Tgt Ion: 75 Resp: 4501
Ion Ratio Lower Upper
75 100
77 64.6 22.6 42.0#



#45
1,1,2-Trichloroethane
Concen: 0.76 ug/L
RT: 10.768 min Scan# 1454
Delta R.T. -0.018 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

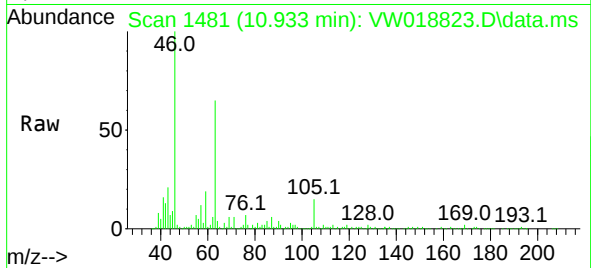
Tgt Ion: 97 Resp: 3385
Ion Ratio Lower Upper
97 100
99 6.8 45.1 83.7#
83 40.8 58.1 107.9#
85 56.5 37.3 69.3



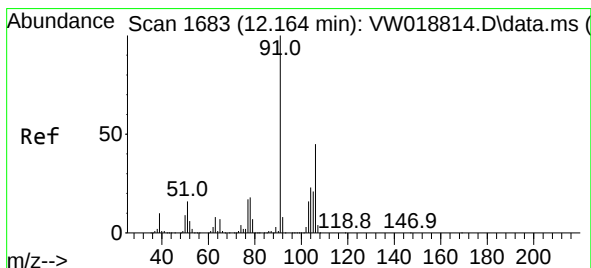
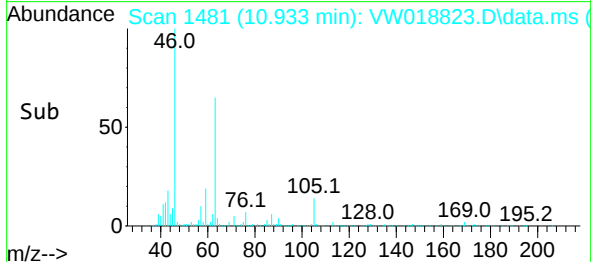
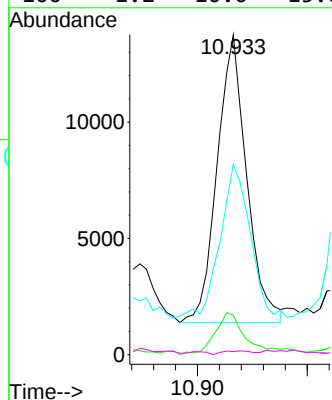


#48
2-Hexanone
Concen: 9.88 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Instrument :
MSVOA_W
ClientSampled :

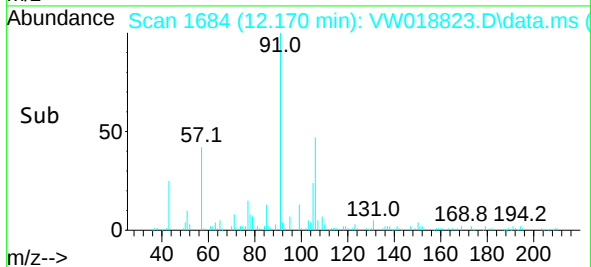
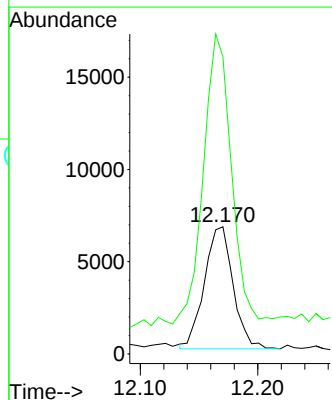
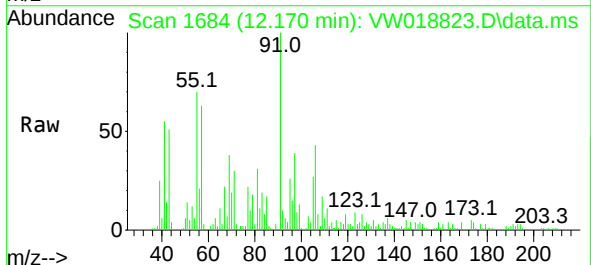


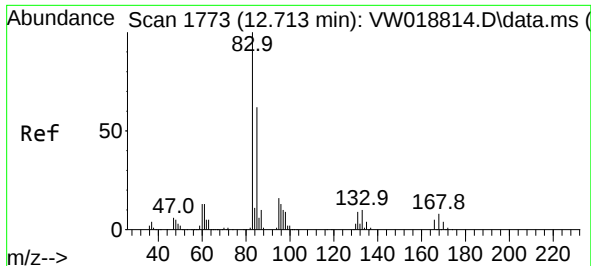
Tgt Ion:	43	Resp:	23148
Ion	Ratio	Lower	Upper
43	100		
58	12.7	42.7	64.1#
57	49.5	15.8	23.8#
100	1.2	10.0	15.0#



#54
o-Xylene
Concen: 1.13 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Tgt Ion:	106	Resp:	11245
Ion	Ratio	Lower	Upper
106	100		
91	233.7	150.0	278.6

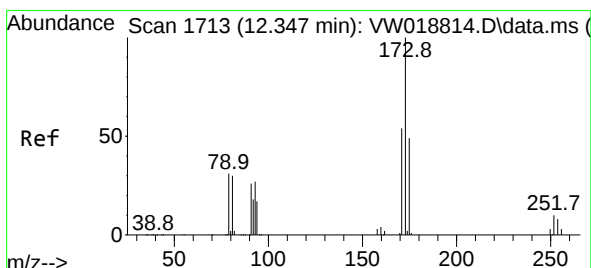
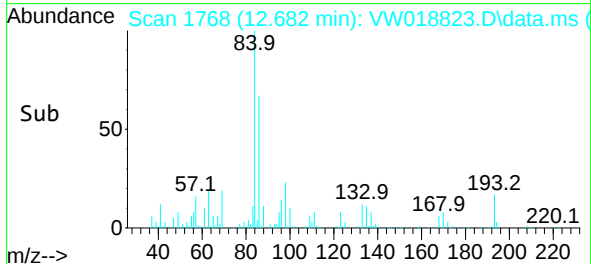
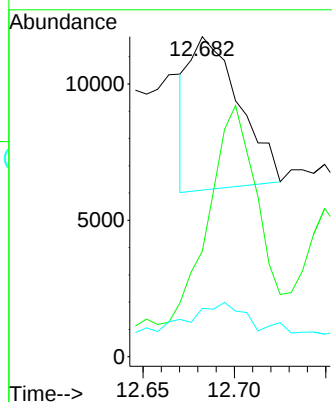
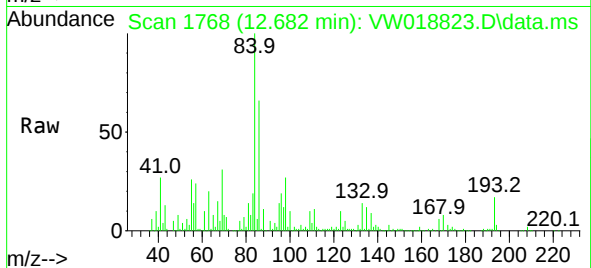




#57
1,1,2,2-Tetrachloroethane
Concen: 1.91 ug/L
RT: 12.682 min Scan# 1768
Delta R.T. -0.030 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

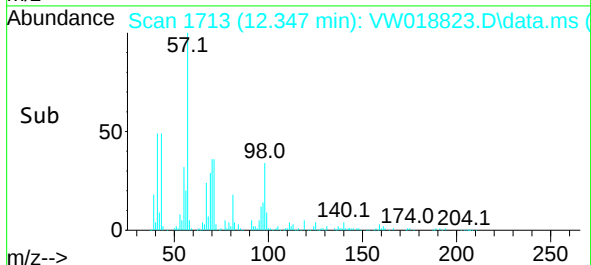
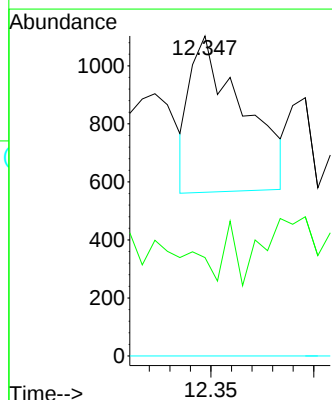
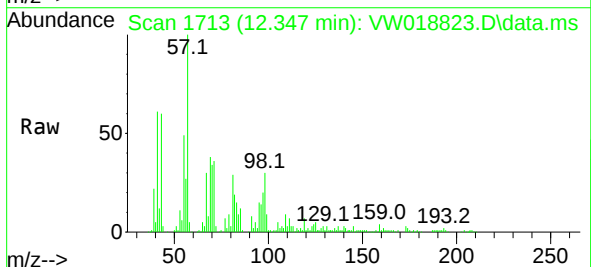
Instrument :
MSVOA_W
ClientSampleId :

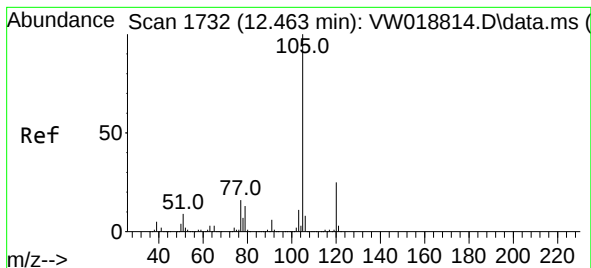
Tgt Ion: 83 Resp: 10635
Ion Ratio Lower Upper
83 100
85 32.9 44.4 82.4#
131 15.1 8.2 12.4#



#59
Bromoform
Concen: 0.46 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

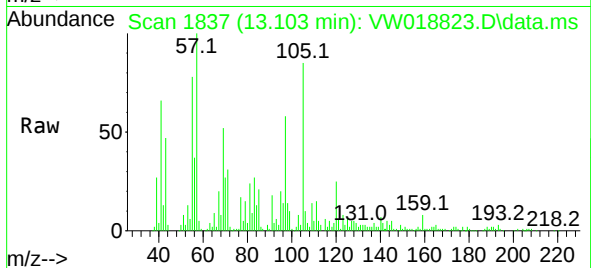
Tgt Ion:173 Resp: 961
Ion Ratio Lower Upper
173 100
175 9.4 37.5 56.3#
254 0.0 7.0 10.4#



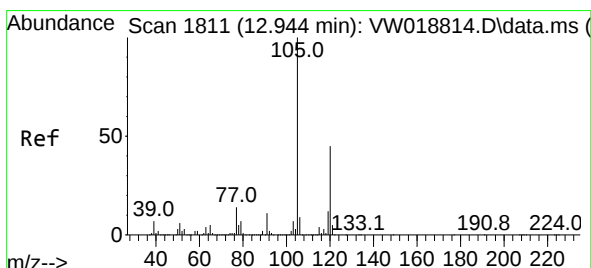
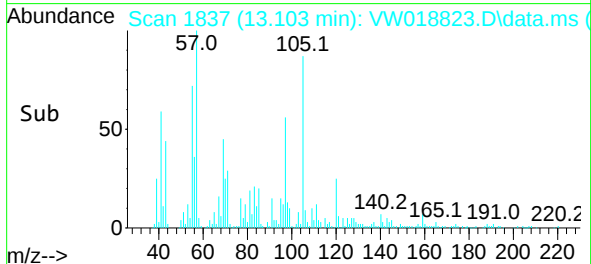
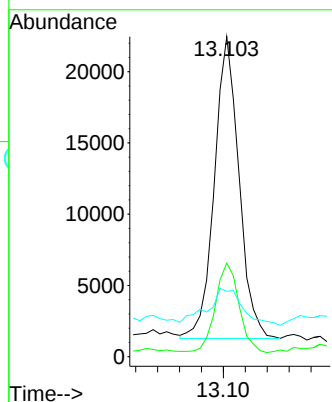


#60
Isopropylbenzene
Concen: 1.52 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

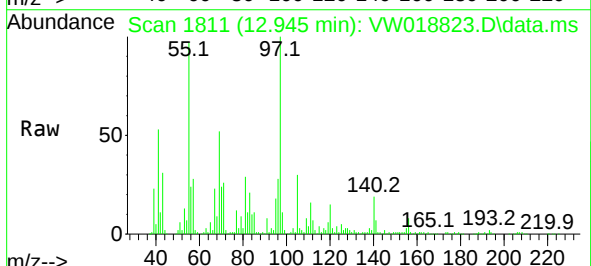
Instrument :
MSVOA_W
ClientSampled :



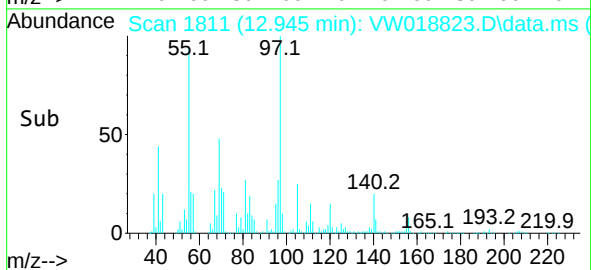
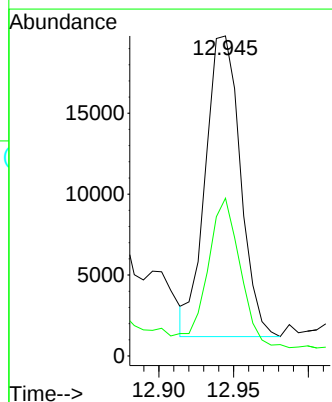
Tgt Ion:105 Resp: 32959
Ion Ratio Lower Upper
105 100
120 28.5 21.1 31.7
77 13.7 13.2 19.8

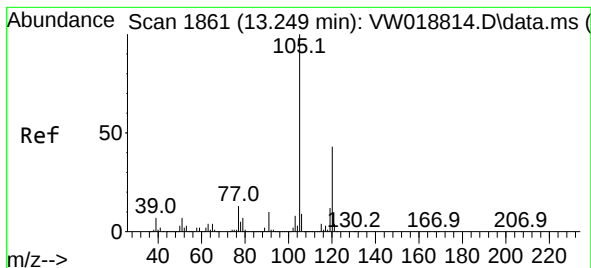


#62
1,3,5-Trimethylbenzene
Concen: 1.69 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19



Tgt Ion:105 Resp: 30207
Ion Ratio Lower Upper
105 100
120 46.1 39.0 58.6

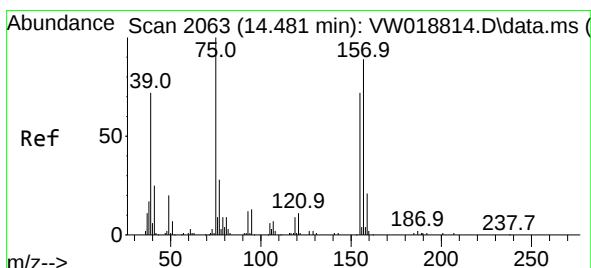
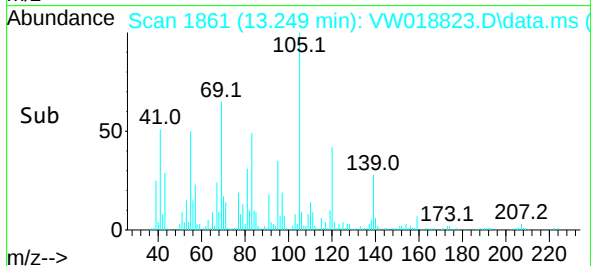
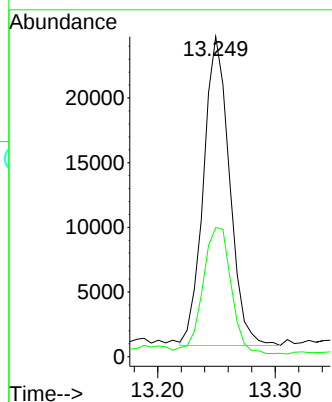
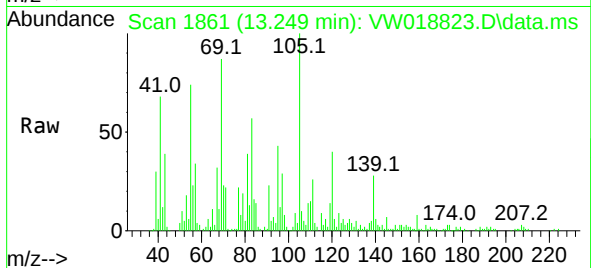




#63
1,2,4-Trimethylbenzene
Concen: 2.05 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

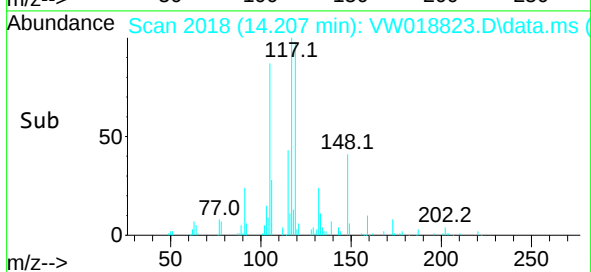
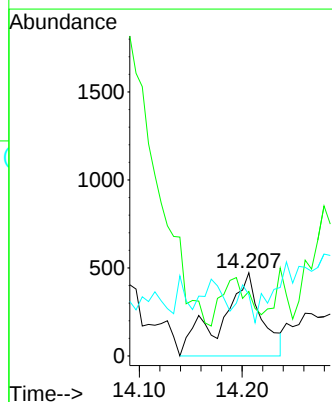
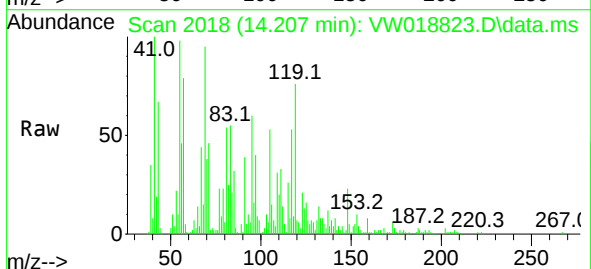
Instrument :
MSVOA_W
ClientSampled :

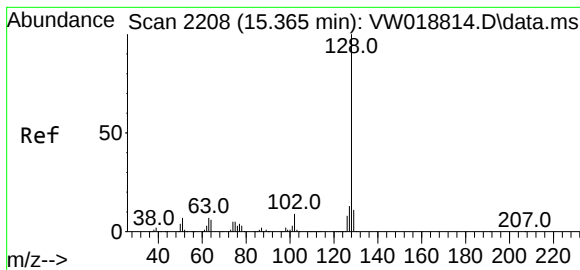
Tgt Ion:105 Resp: 36706
Ion Ratio Lower Upper
105 100
120 44.2 35.6 53.4



#68
1,2-Dibromo-3-chloropropane
Concen: 1.83 ug/L
RT: 14.207 min Scan# 2018
Delta R.T. -0.274 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Tgt Ion: 75 Resp: 1280
Ion Ratio Lower Upper
75 100
155 77.5 59.4 89.0
157 73.7 72.2 108.2





#71
Naphthalene
Concen: 1.67 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018823.D
Acq: 28 Apr 2021 16:19

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 18691
Ion Ratio Lower Upper
128 100
127 1.2 10.6 15.8#
129 8.1 9.0 13.6#

