

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041621\
 Data File : VW018667.D
 Acq On : 16 Apr 2021 11:46
 Operator : SY/VA
 Sample : M2011-04
 Misc : 4.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 16 23:22:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 16 23:21:01 2021
 Response via : Initial Calibration

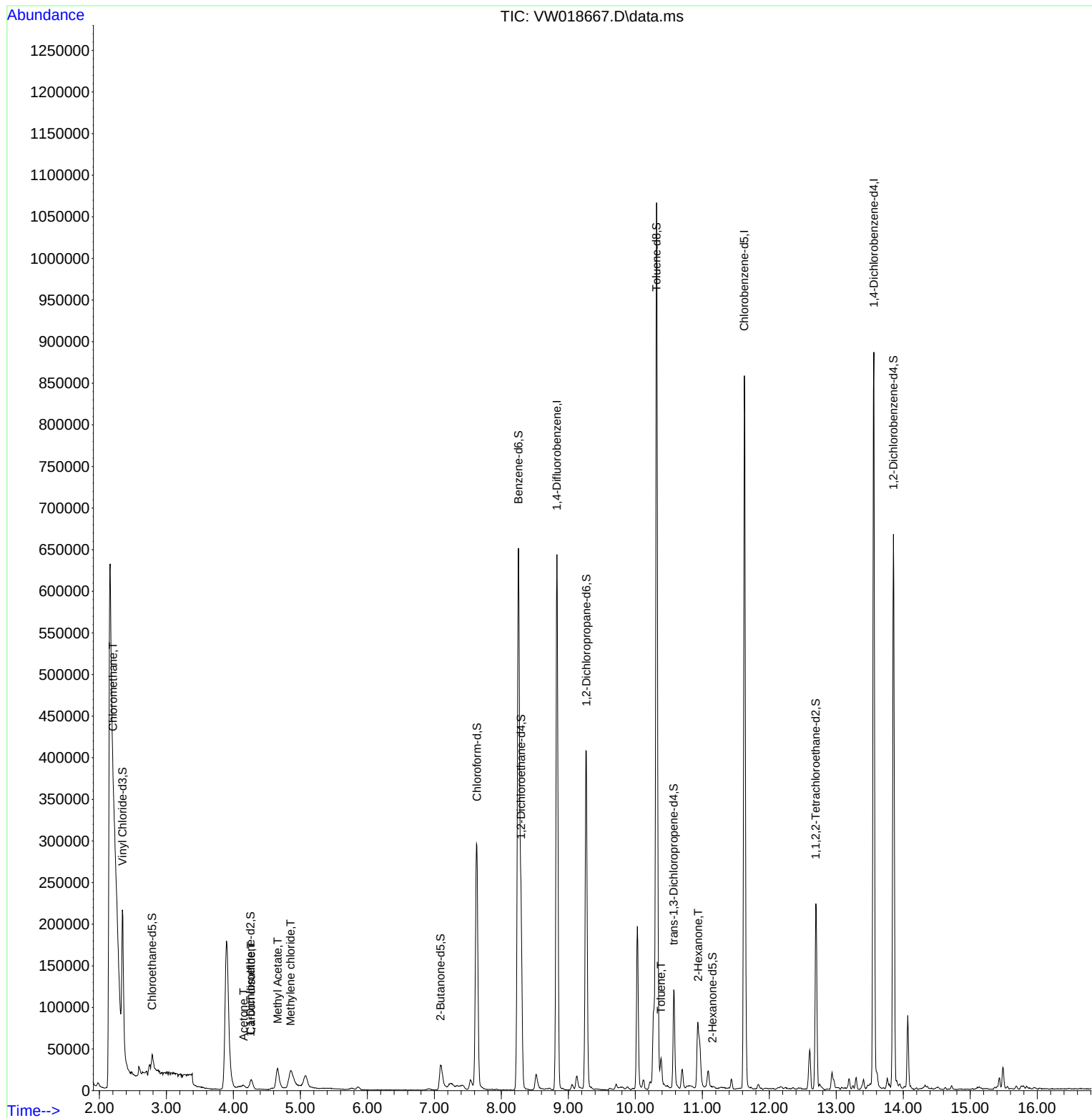
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.829	114	550288	25.00	ug/L	-0.01
28) Chlorobenzene-d5	11.628	117	479356	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	220133	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	191635	22.92	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
7) Chloroethane-d5	2.788	69	15066	2.03	ug/L	-0.10
Spiked Amount	25.000	Range	30 - 150	Recovery	=	8.12%#
11) 1,1-Dichloroethene-d2	4.257	63	202	0.01	ug/L	0.23
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
21) 2-Butanone-d5	7.092	46	64160	33.71	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.42%
24) Chloroform-d	7.635	84	317362	21.01	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.293	65	181302	21.35	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	8.256	84	693565	24.66	ug/L	-0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	9.268	67	196992	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.00%
41) Toluene-d8	10.317	98	633239	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.48%
43) trans-1,3-Dichloroprop...	10.573	79	69703	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
47) 2-Hexanone-d5	11.152	63	105	0.07	ug/L	0.23
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.14%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	119641	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	172590	22.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.28%
Target Compounds						
3) Chloromethane	2.203	50	7002	0.98	ug/L	99
13) Acetone	4.153	43	7973	5.77	ug/L	77
14) Carbon disulfide	4.263	76	26729	1.24	ug/L	100
15) Methyl Acetate	4.659	43	50298	15.96	ug/L #	90
16) Methylene chloride	4.855	84	24331	2.70	ug/L	92
42) Toluene	10.384	91	10684	0.33	ug/L	92
48) 2-Hexanone	10.939	43	4570	1.54	ug/L #	66

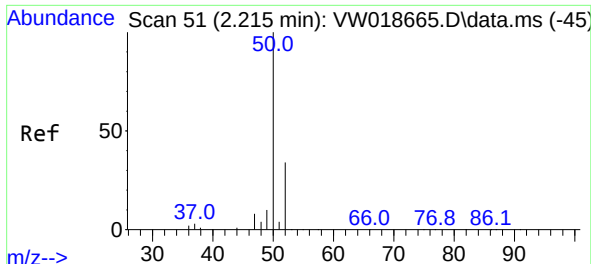
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Apr 16 23:21:01 2021
Response via : Initial Calibration

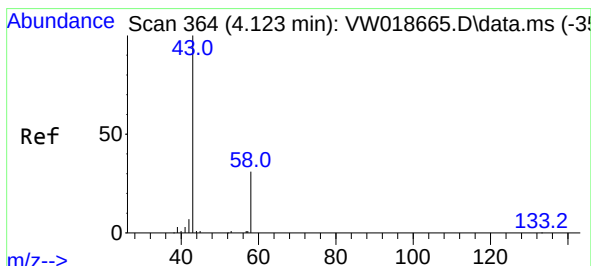
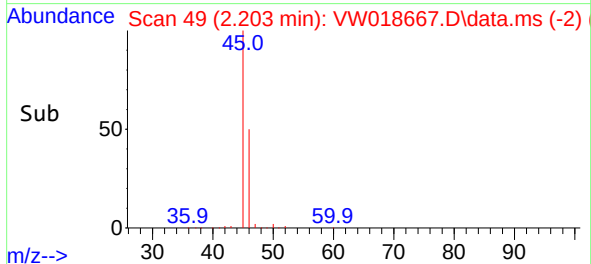
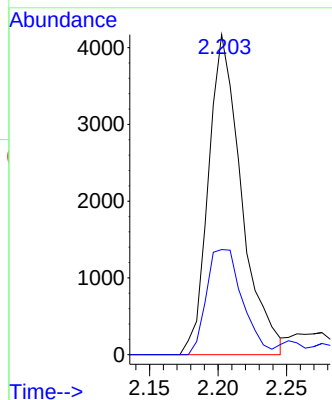
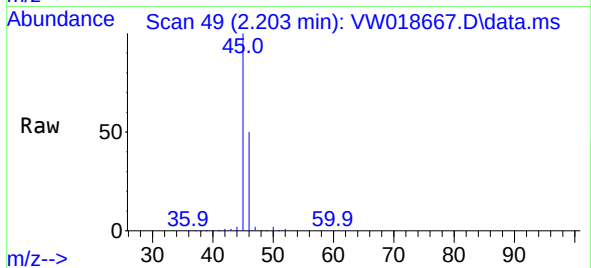




#3
Chloromethane
Concen: 0.98 ug/L
RT: 2.203 min Scan# 49
Delta R.T. -0.012 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

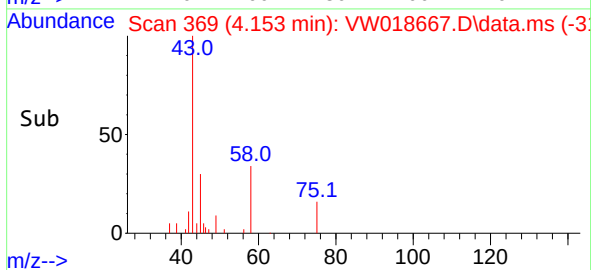
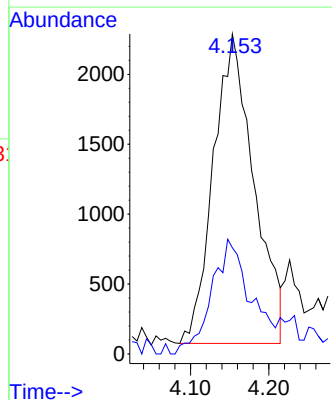
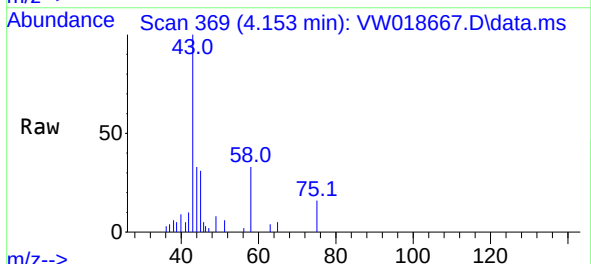
Instrument :
MSVOA_W
ClientSampled :

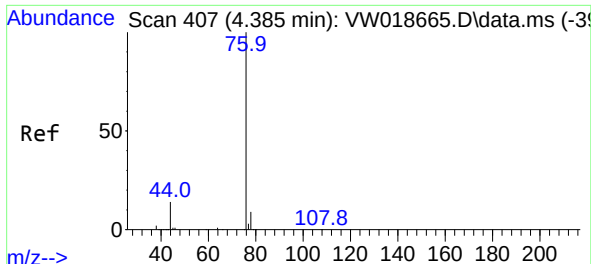
Tgt Ion: 50 Resp: 7002
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.9



#13
Acetone
Concen: 5.77 ug/L
RT: 4.153 min Scan# 369
Delta R.T. 0.031 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Tgt Ion: 43 Resp: 7973
Ion Ratio Lower Upper
43 100
58 14.8 0.0 53.8

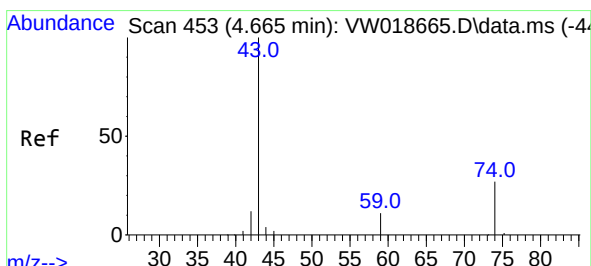
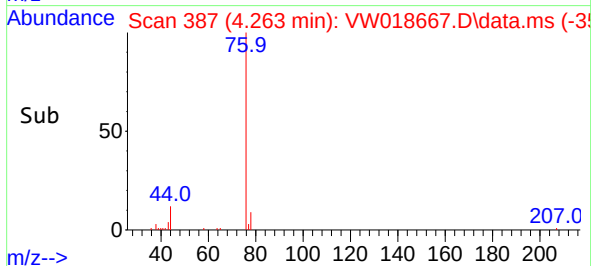
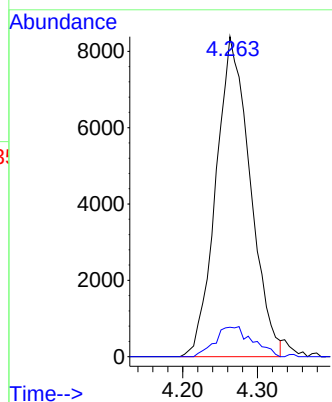
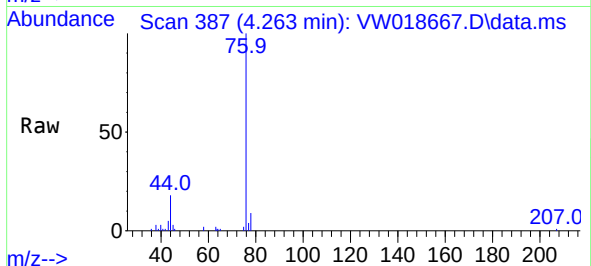




#14
Carbon disulfide
Concen: 1.24 ug/L
RT: 4.263 min Scan# 387
Delta R.T. -0.122 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

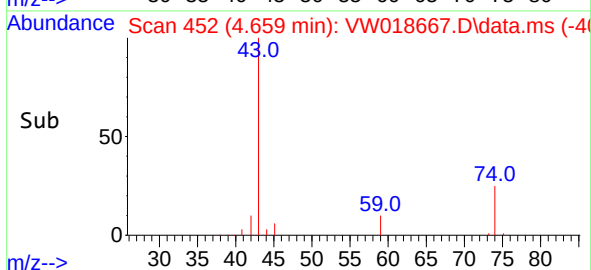
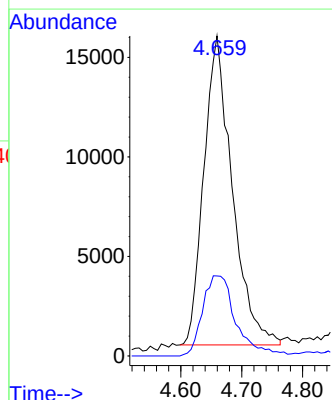
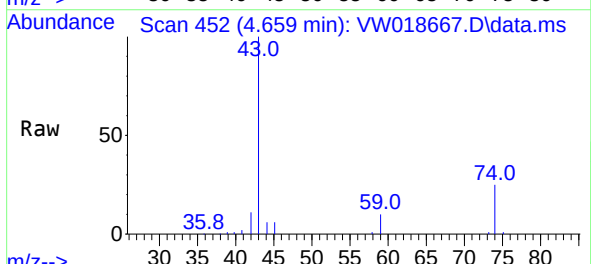
Instrument :
MSVOA_W
ClientSampled :

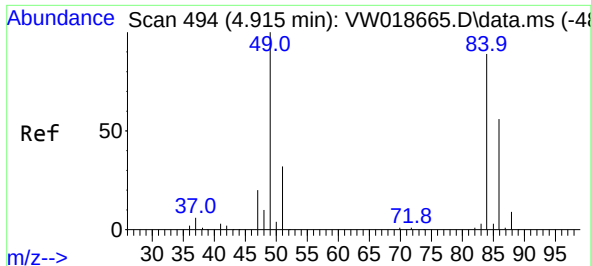
Tgt Ion: 76 Resp: 26729
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#15
Methyl Acetate
Concen: 15.96 ug/L
RT: 4.659 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Tgt Ion: 43 Resp: 50298
Ion Ratio Lower Upper
43 100
74 30.3 20.0 30.0#

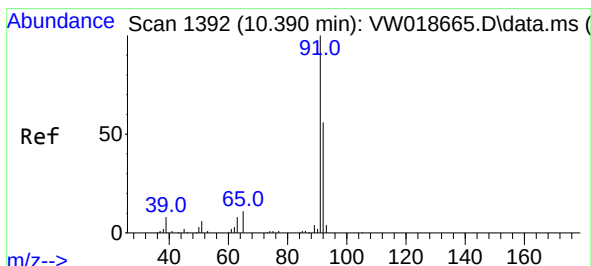
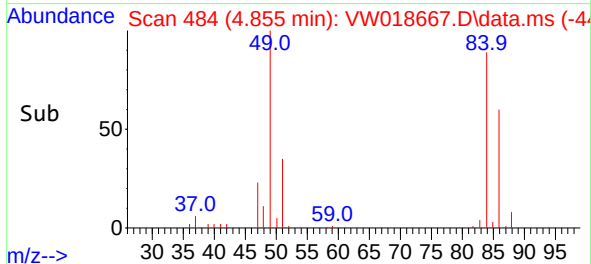
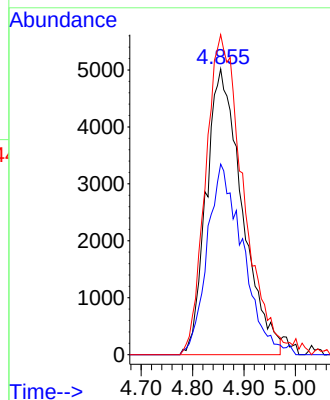
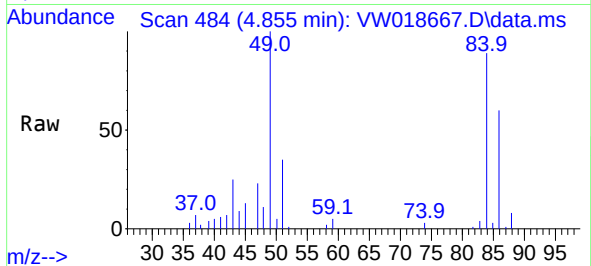




#16
Methylene chloride
Concen: 2.70 ug/L
RT: 4.855 min Scan# 484
Delta R.T. -0.061 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

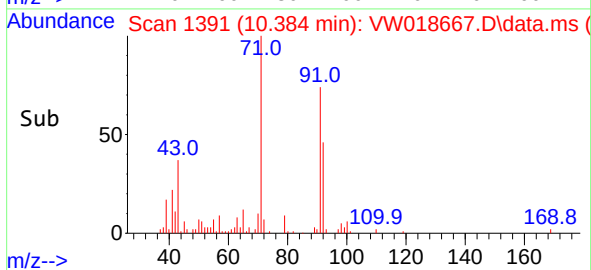
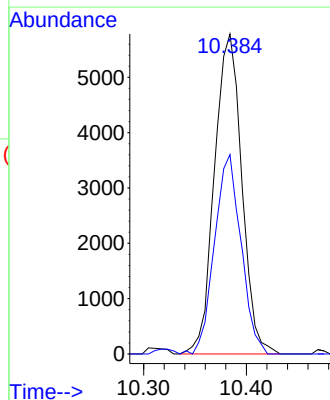
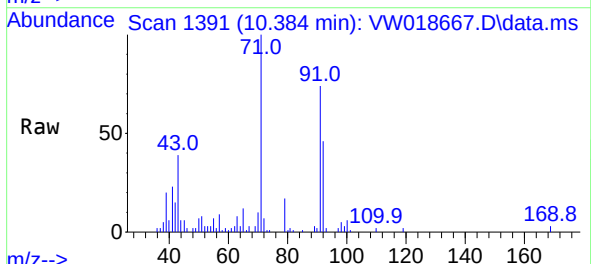
Instrument :
MSVOA_W
ClientSampled :

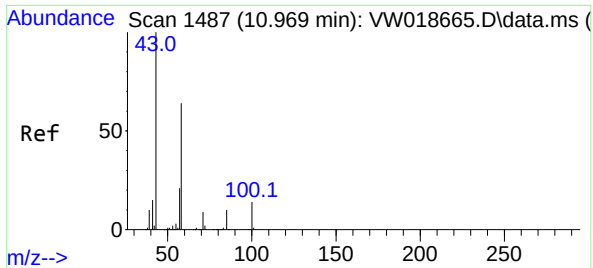
Tgt Ion: 84 Resp: 24331
Ion Ratio Lower Upper
84 100
86 66.7 45.3 84.1
49 112.0 86.6 160.8



#42
Toluene
Concen: 0.33 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

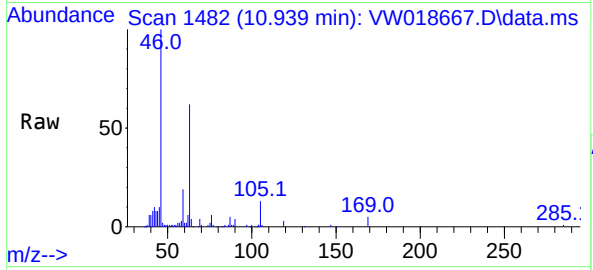
Tgt Ion: 91 Resp: 10684
Ion Ratio Lower Upper
91 100
92 62.3 39.5 73.3





#48
2-Hexanone
Concen: 1.54 ug/L
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW018667.D
Acq: 16 Apr 2021 11:46

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 4570

Ion	Ratio	Lower	Upper
43	100		
58	23.2	42.7	64.1#
57	28.8	15.8	23.8#
100	3.4	10.0	15.0#

