

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041521\
 Data File : VW018655.D
 Acq On : 15 Apr 2021 13:40
 Operator : SY/VA
 Sample : M2011-03
 Misc : 4.86G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG783

Manual Integrations
 APPROVED

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 4/16/2021 4:01:52 PM

Quant Time: Apr 16 01:44:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:17:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	227648	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	183888	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84955	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.885	69	61514	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
11) 1,1-Dichloroethene-d2	4.013	63	87959	14.64	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.56%
21) 2-Butanone-d5	7.074	46	40324	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
24) Chloroform-d	7.647	84	114044	18.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	8.305	65	67925	19.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.36%
32) Benzene-d6	8.275	84	229859	21.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.24%
36) 1,2-Dichloropropane-d6	9.275	67	67661	20.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.24%
41) Toluene-d8	10.323	98	187561	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.04%
43) trans-1,3-Dichloroprop...	10.579	79	23944	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.20%
47) 2-Hexanone-d5	10.927	63	28401	50.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.48%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	56987	20.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.96%
66) 1,2-Dichlorobenzene-d4	13.853	152	36948	17.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.76%#
Target Compounds					Qvalue	
13) Acetone	4.117	43	24872	43.51	ug/L	85
14) Carbon disulfide	4.379	76	53875	6.05	ug/L	100
16) Methylene chloride	4.922	84	11547	3.09	ug/L	96
22) 2-Butanone	7.165	43	7117m	8.19	ug/L	
42) Toluene	10.384	91	4242	0.34	ug/L	95

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

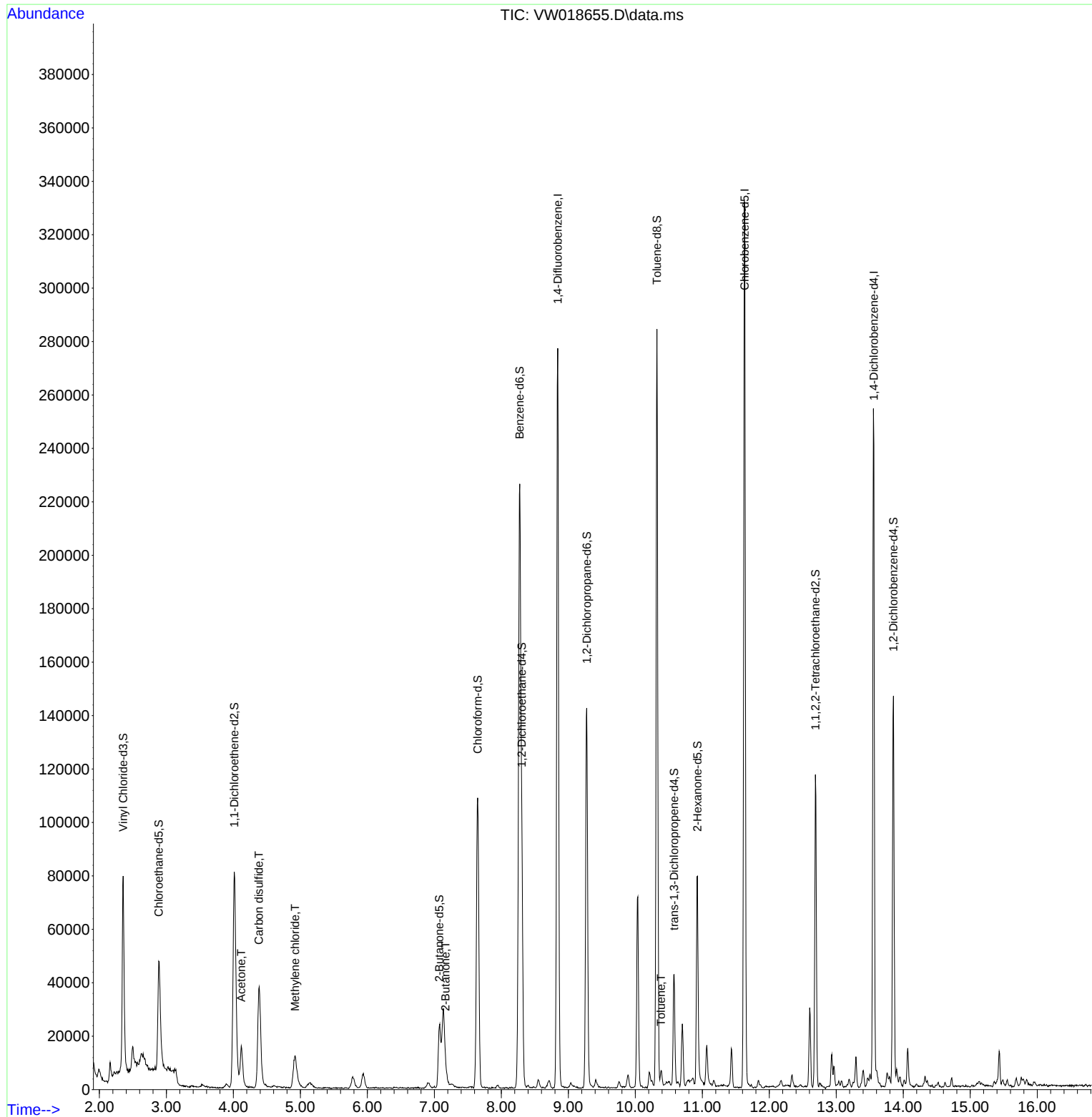
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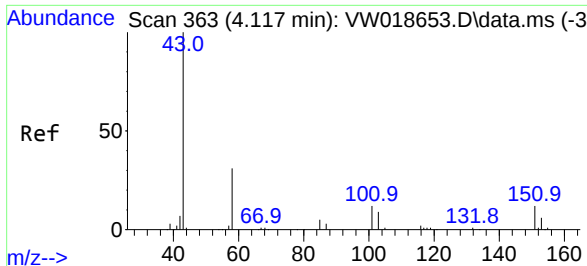
Instrument :
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Quant Title : SFAM01.0
QLast Update : Thu Apr 15 11:17:28 2021
Response via : Initial Calibration





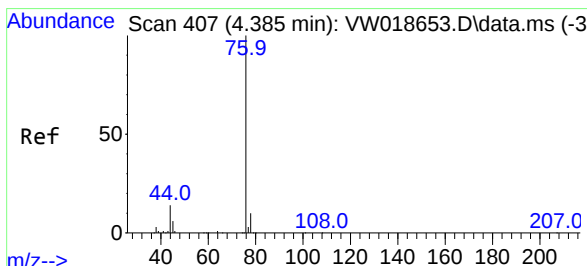
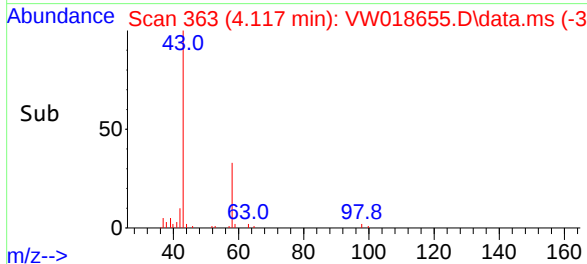
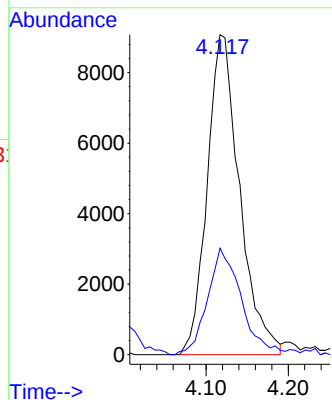
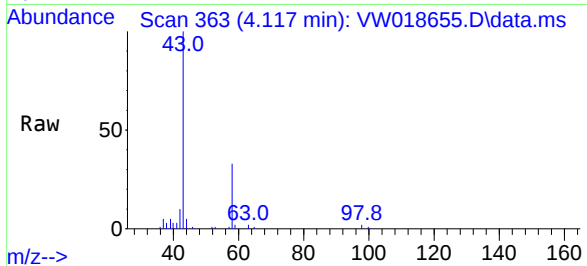
#13
Acetone
Concen: 43.51 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

Tgt Ion: 43 Resp: 24872
Ion Ratio Lower Upper
43 100
58 34.4 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
BG783

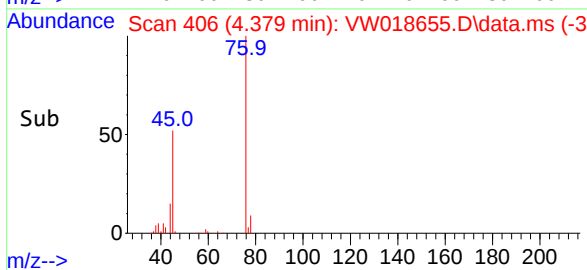
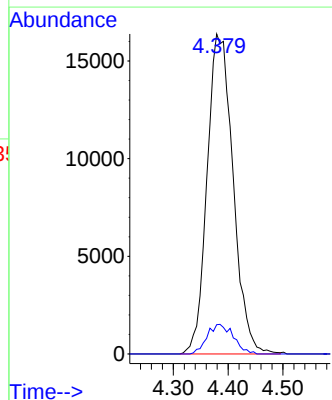
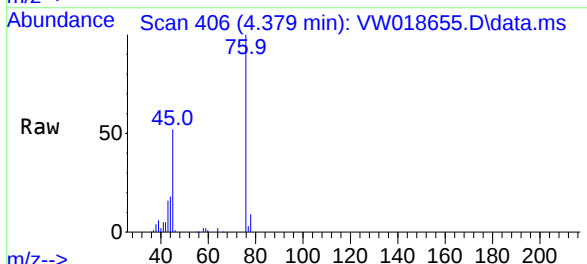
Manual Integrations
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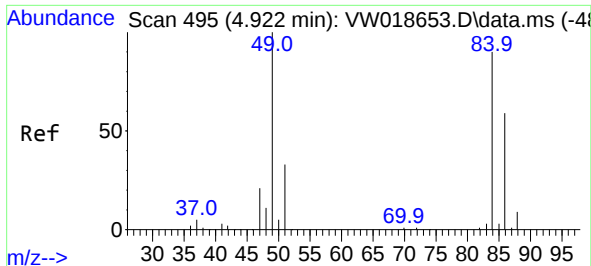
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#14
Carbon disulfide
Concen: 6.05 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

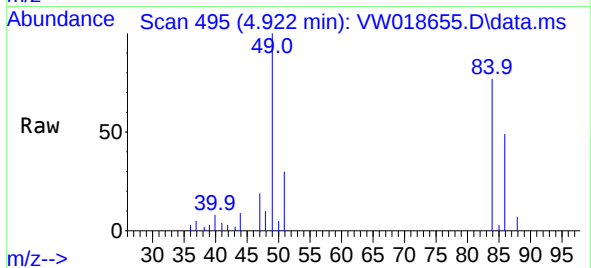
Tgt Ion: 76 Resp: 53875
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#16
Methylene chloride
Concen: 3.09 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018655.D
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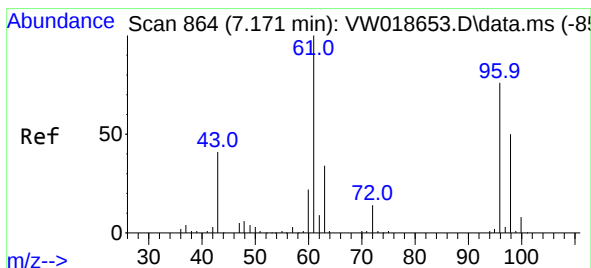
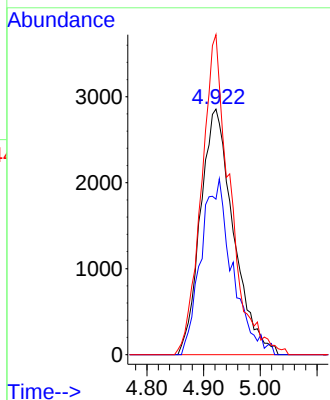
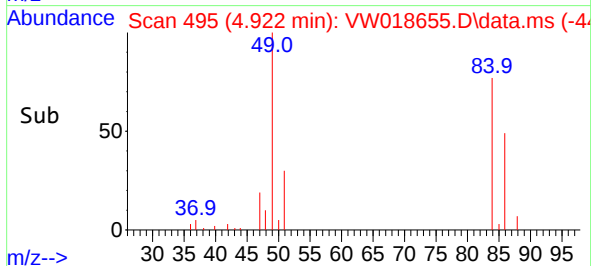
Instrument :
MSVOA_W
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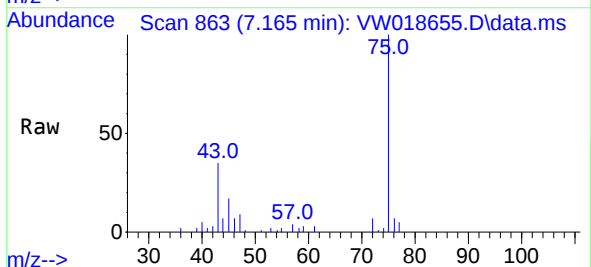
Tgt Ion: 84 Resp: 11547
Ion Ratio Lower Upper
84 100
86 63.3 45.3 84.1
49 130.3 86.6 160.8

Manual Integrations
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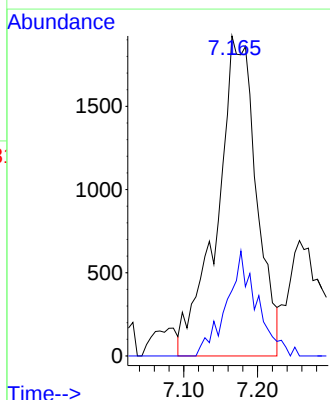
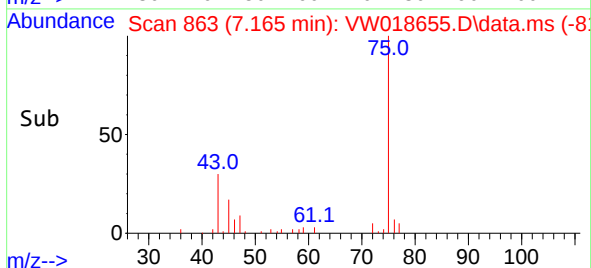
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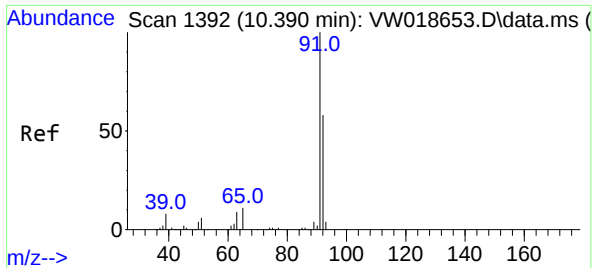


#22
2-Butanone
Concen: 8.19 ug/L m
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40



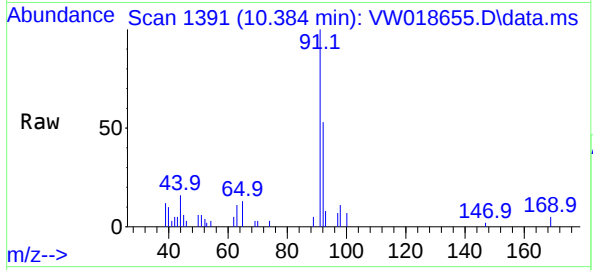
Tgt Ion: 43 Resp: 7117
Ion Ratio Lower Upper
43 100
72 24.0 14.9 44.7





#42
Toluene
Concen: 0.34 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018655.D
Acq: 15 Apr 2021 13:40

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 91 Resp: 4242
Ion Ratio Lower Upper
91 100
92 52.8 39.5 73.3

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