

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014416.D
 Acq On : 18 Dec 2019 02:12
 Operator : SY/VA
 Sample : K6257-04
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW3

Manual Integrations
 APPROVED

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 12/18/2019 3:36:15 PM

Quant Time: Dec 18 05:02:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	552251	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	484330	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	157613	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	274876	32.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.48%
7) Chloroethane-d5	2.89	69	235692	37.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.64%#
10) 1,1-Dichloroethene-d2	4.02	63	388906	26.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.32%
20) 2-Butanone-d5	7.07	46	160035	73.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.88%#
24) Chloroform-d	7.65	84	550734	39.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	156.68%#
26) 1,2-Dichloroethane-d4	8.30	65	314620	42.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	170.72%#
29) Benzene-d6	8.27	84	1157069	40.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	163.04%#
33) 1,2-Dichloropropane-d6	9.27	67	379591	43.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	173.88%#
37) Toluene-d8	10.32	98	963463	37.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	150.16%#
38) trans-1,3-Dichloropropene-	10.57	79	121857	33.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	133.04%
39) 2-Hexanone-d5	10.92	63	117884	67.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	236573	33.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.96%#
61) 1,2-Dichlorobenzene-d4	13.85	152	265199	44.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	176.12%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	62420	29.709 ug/L	98
14) Carbon disulfide	4.38	76	8049	0.356 ug/L #	90
16) Methylene chloride	4.91	84	30062	3.551 ug/L	99
21) 2-Butanone	7.17	43	20597m	7.302 ug/L	
25) Chloroform	7.68	83	34225	2.482 ug/L	84

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

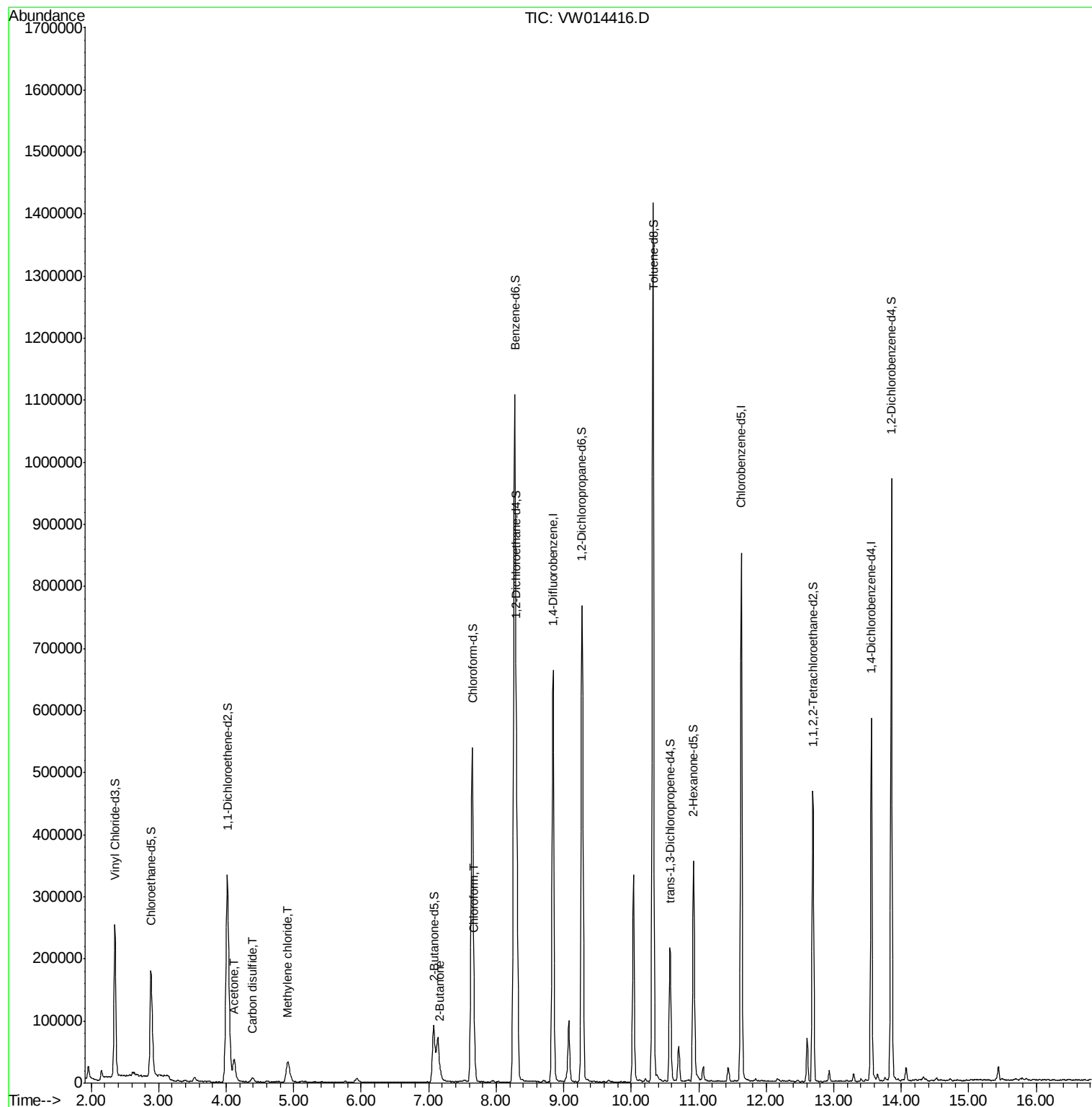
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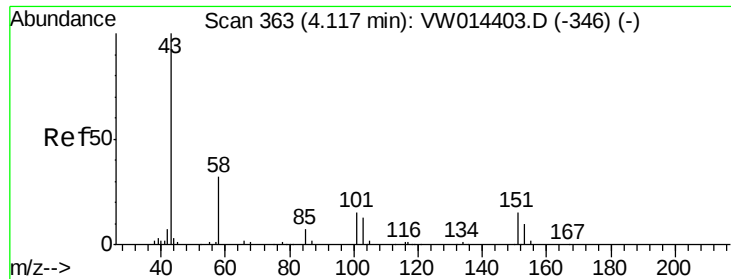
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration





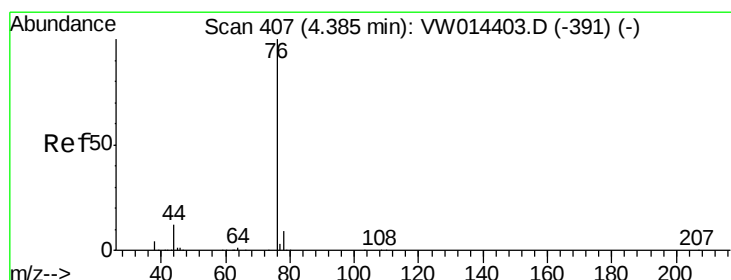
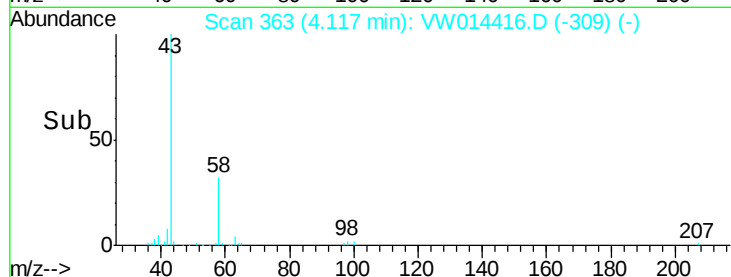
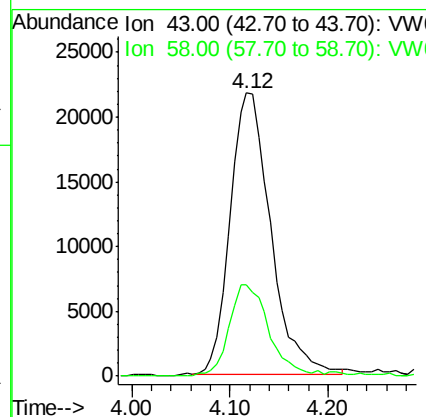
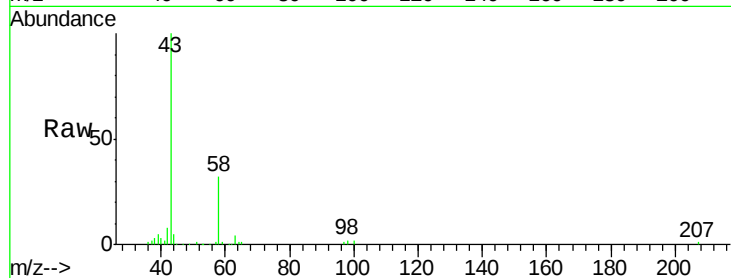
#13
Acetone
Concen: 29.709 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014416.D
Acq: 18 Dec 2019 02:12

Instrument :
MSVOA_W
ClientSampleId :
BFEW3

Tot Ion: 43 Resp: 62420
Ion Ratio Lower Upper
43 100
58 31.6 0.0 65.4

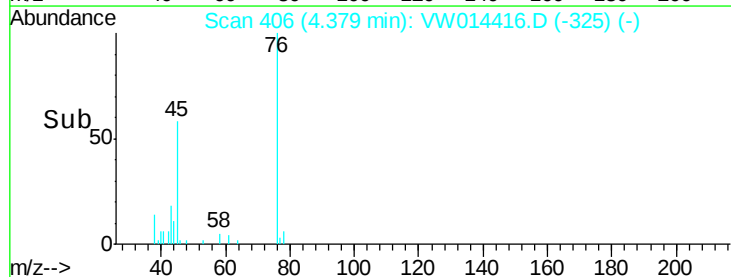
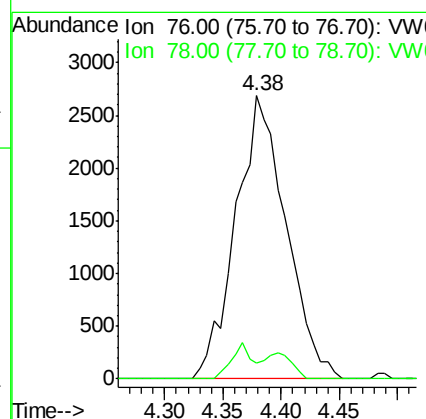
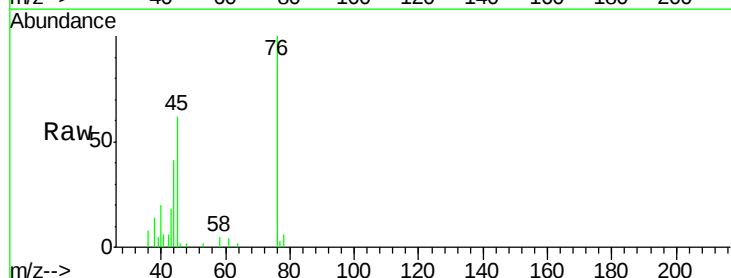
Manual Integrations
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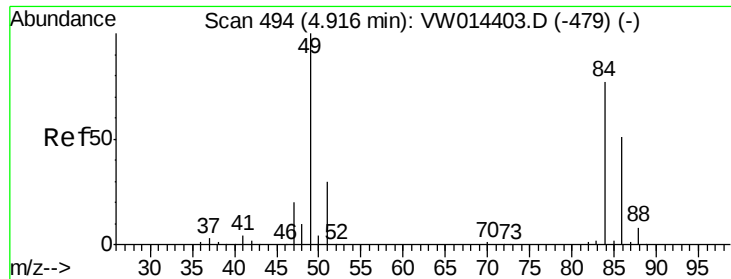
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#14
Carbon disulfide
Concen: 0.356 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014416.D
Acq: 18 Dec 2019 02:12

Tgt Ion: 76 Resp: 8049
Ion Ratio Lower Upper
76 100
78 5.5 7.2 10.8#





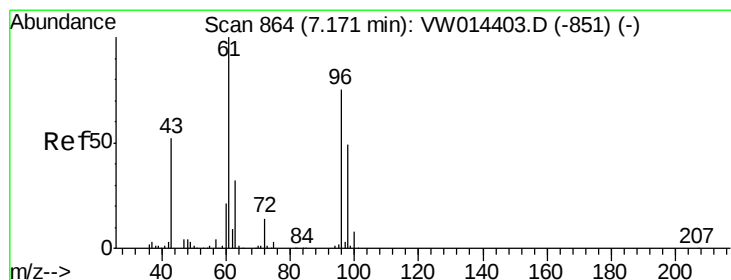
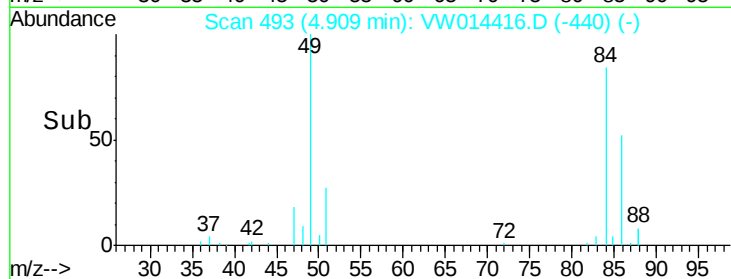
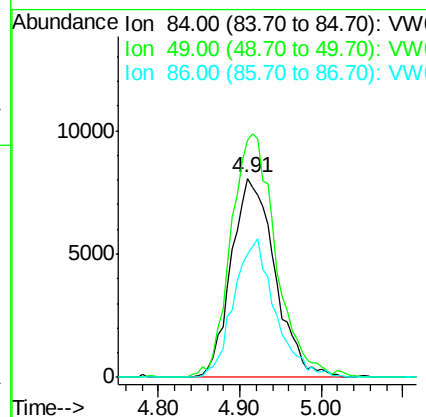
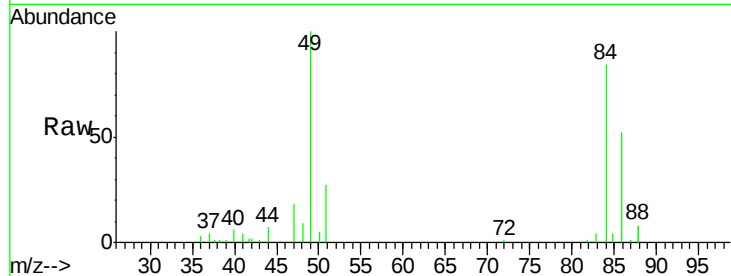
#16
Methylene chloride
Concen: 3.551 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014416.D
Acq: 18 Dec 2019 02:12

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	119.1	84.2	156.4
86	61.9	43.7	81.1

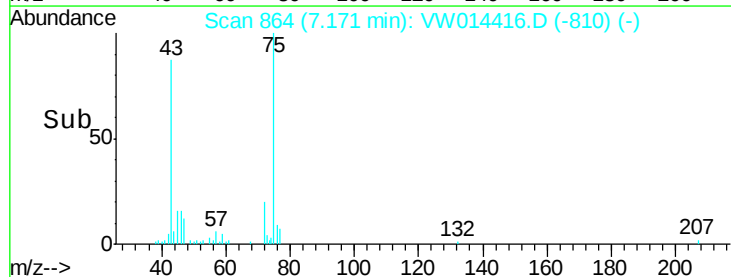
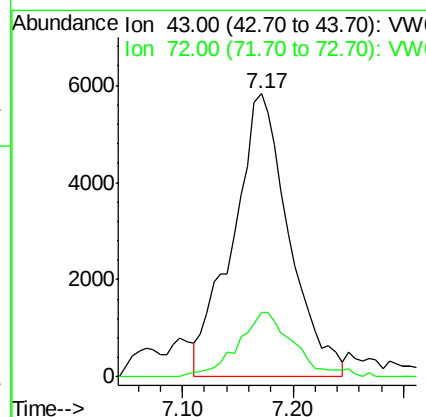
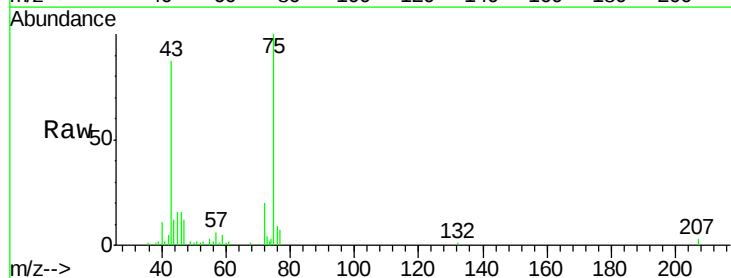
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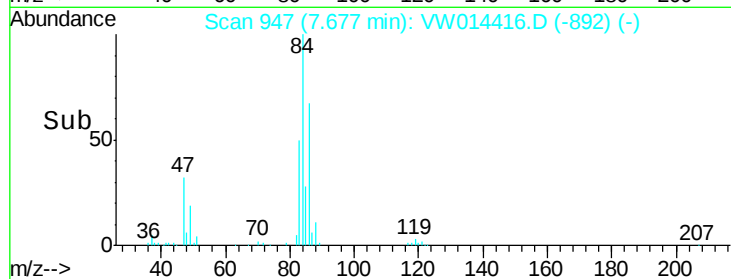
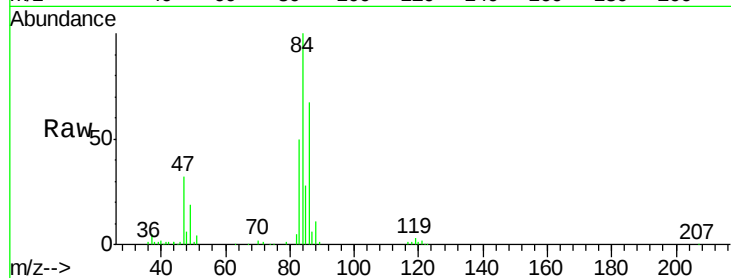
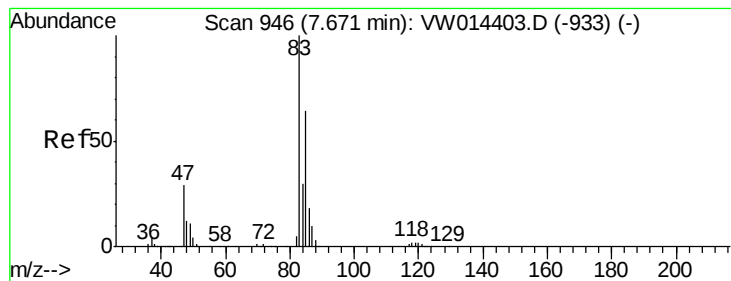
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#21
2-Butanone
Concen: 7.302 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW014416.D
Acq: 18 Dec 2019 02:12

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.3	14.1	42.2





#25

Chloroform

Concen: 2.482 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW014416.D

Acq: 18 Dec 2019 02:12

Tot Ion: 83 Resp: 34225

Ion Ratio Lower Upper

83 100

85 78.6 46.1 85.7

Instrument :

MSVOA_W

ClientSampleId :

BFEW3

Manual Integrations

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