

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009475.D
 Acq On : 26 Mar 2019 20:54
 Operator : SY/VA
 Sample : K2068-01
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M0

Manual Integrations
 APPROVED

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 4/12/2019 8:30:45 AM

Quant Time: Mar 27 08:30:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307491	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	213515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45970	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72629	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%
7) Chloroethane-d5	2.89	69	86895	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	4.01	63	112119	14.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.48%
20) 2-Butanone-d5	7.07	46	79687	52.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.88%
24) Chloroform-d	7.65	84	198036	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	8.31	65	129243m	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.28%
29) Benzene-d6	8.27	84	326705	27.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.00%
33) 1,2-Dichloropropane-d6	9.27	67	113952	32.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.88%#
37) Toluene-d8	10.32	98	232476	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.40%
38) trans-1,3-Dichloropropene-	10.58	79	44041	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.16%
39) 2-Hexanone-d5	10.93	63	54525	63.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78280	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	35049	19.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.52%

Target Compounds

					Ovalue
13) Acetone	4.12	43	28797	23.108	ug/L 96
14) Carbon disulfide	4.37	76	6672m	0.655	ug/L
16) Methylene chloride	4.92	84	21432m	4.780	ug/L
21) 2-Butanone	7.17	43	11071	6.434	ug/L 99
54) m,p-Xylene	11.84	106	3591	0.658	ug/L 99

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

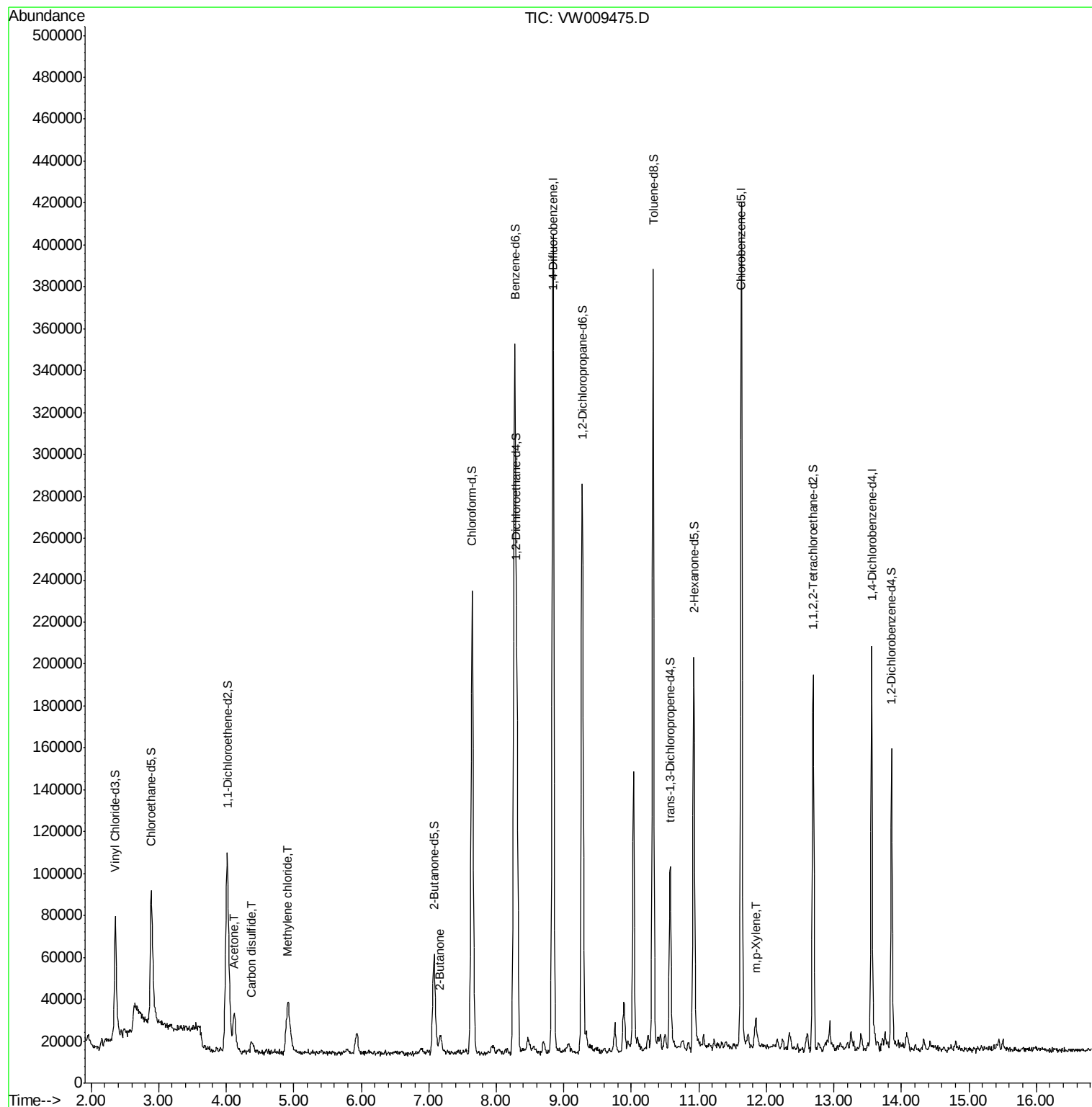
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009475.D
Acq On : 26 Mar 2019 20:54
Operator : SY/VA
Sample : K2068-01
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ALS Vial : 1 Sample Multiplier: 1

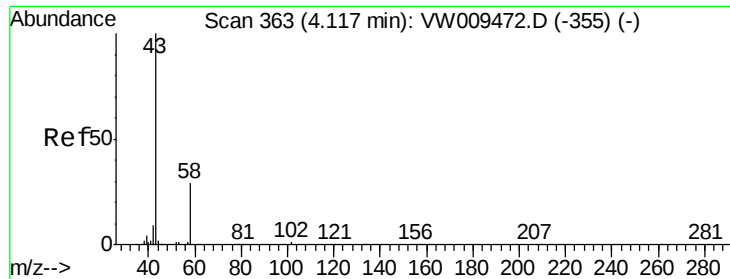
Instrument :
MSVOA_W
ClientSampled :
BF5M0

Manual Integrations
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Quant Time: Mar 27 08:30:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration





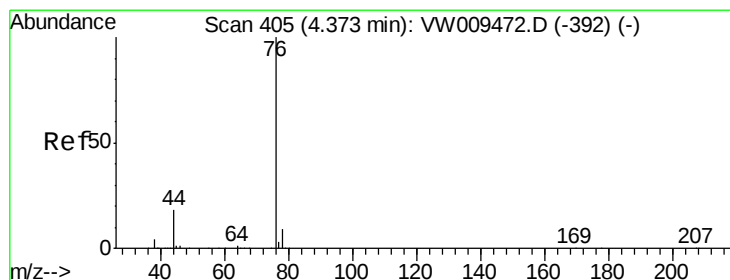
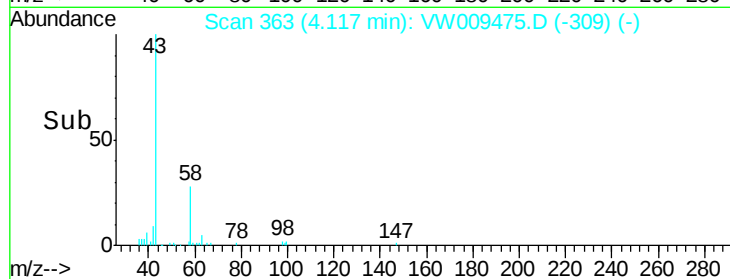
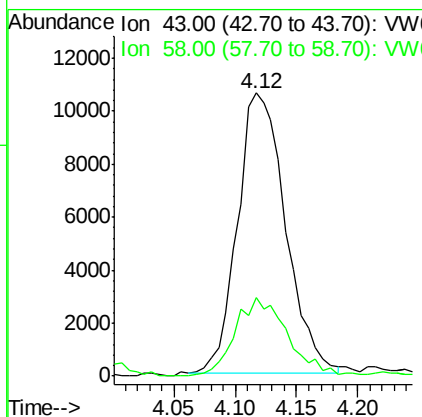
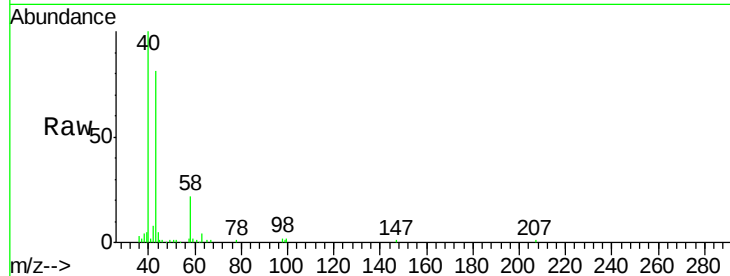
#13
Acetone
Concen: 23.108 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Instrument :
MSVOA_W
ClientSampleId :
BF5M0

Tot Ion	43	58	Ratio	Lower	Upper
28797	100	30.2		0.0	56.2

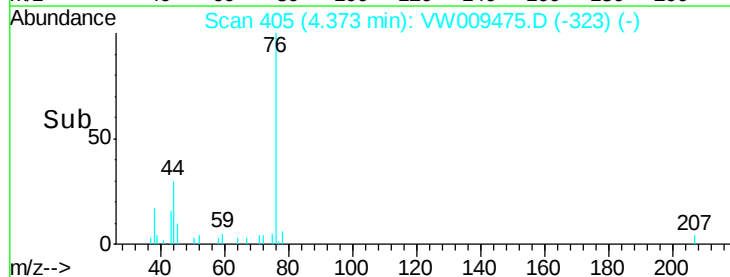
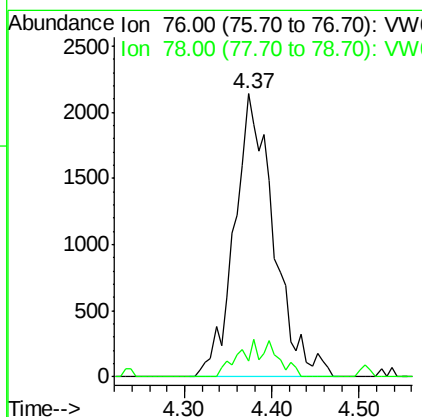
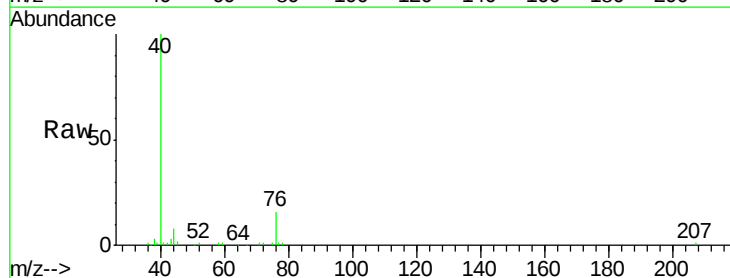
Manual Integrations
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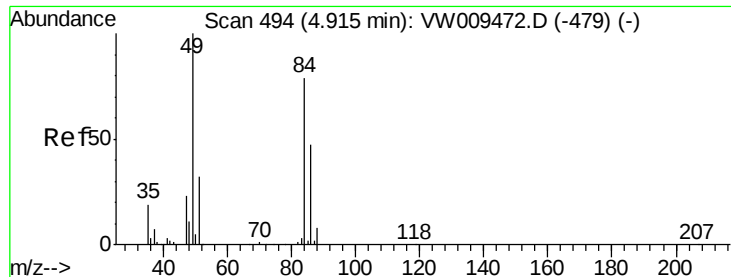
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#14
Carbon disulfide
Concen: 0.655 ug/L m
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Tgt Ion	76	78	Ratio	Lower	Upper
6672	100	5.8		7.3	10.9#





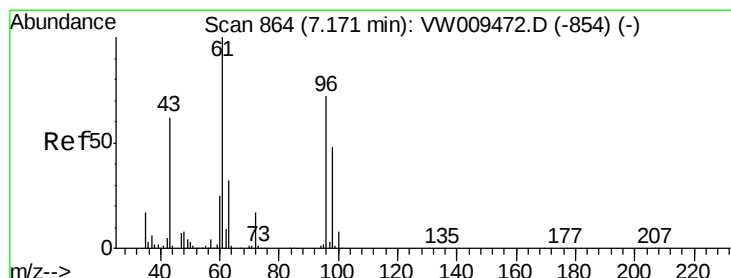
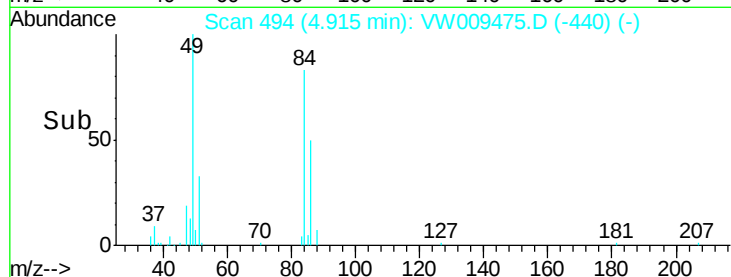
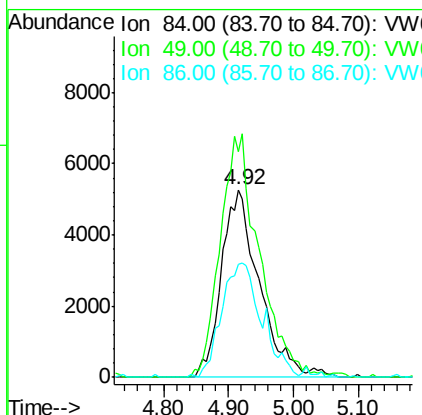
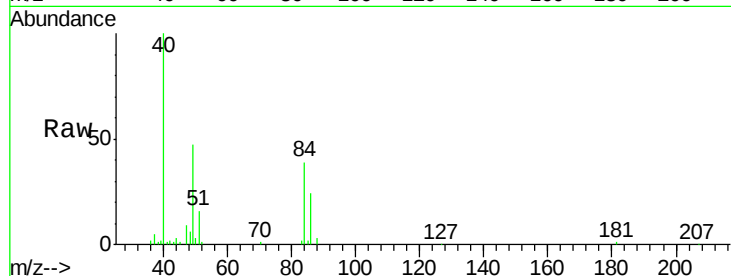
#16
Methylene chloride
Concen: 4.780 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Instrument :
MSVOA_W
ClientSampled :
BF5M0

Tot Ion	84	Resp	21432
Ion Ratio	Lower	Upper	
84	100		
49	120.0	96.0	178.2
86	60.3	44.4	82.5

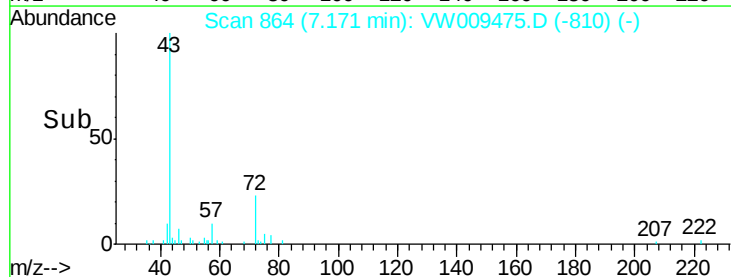
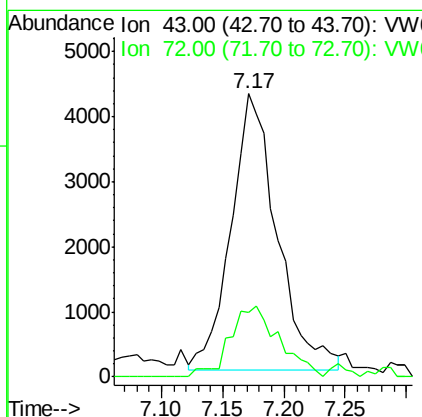
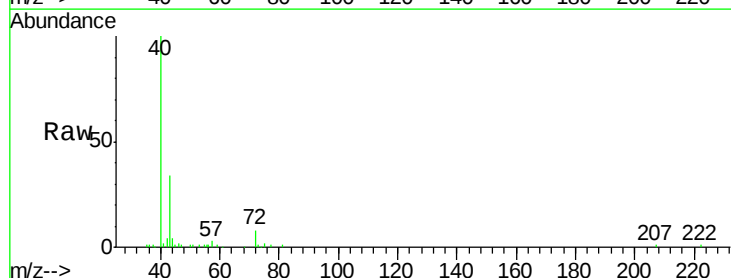
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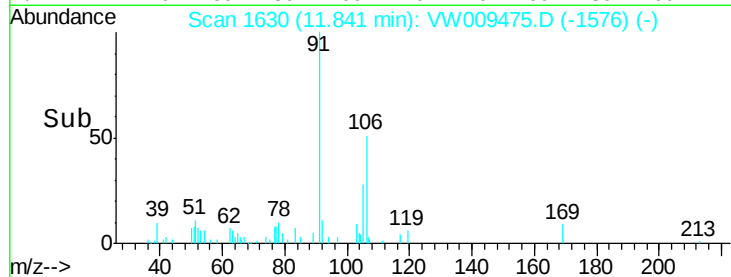
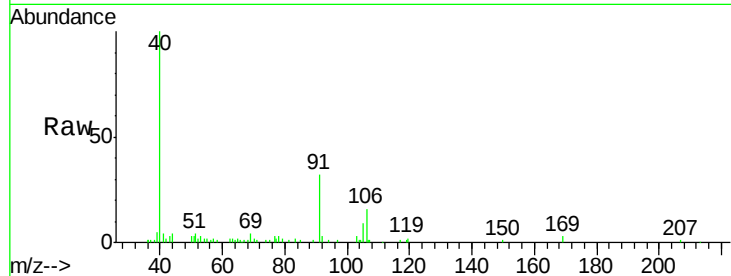
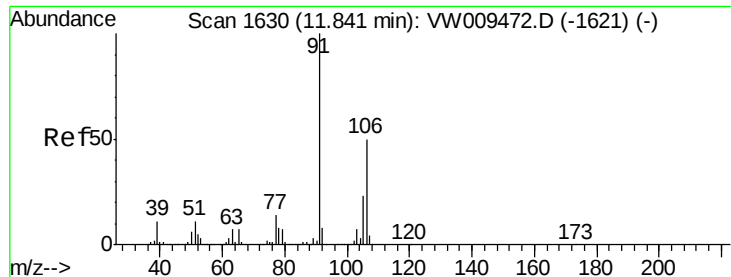
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#21
2-Butanone
Concen: 6.434 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009475.D
Acq: 26 Mar 2019 20:54

Tgt Ion	43	Resp	11071
Ion Ratio	Lower	Upper	
43	100		
72	25.8	13.1	39.1





#54
 m,p-Xylene
 Concen: 0.658 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VW009475.D
 Acq: 26 Mar 2019 20:54

Tot Ion	Ratio	Lower	Upper
106	100		
91	196.3	138.4	257.0

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M0

Manual Integrations
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