

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102319\
 Data File : VV013309.D
 Acq On : 23 Oct 2019 21:22
 Operator : SY/MD
 Sample : K5395-18
 Misc : 5.00ML/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0051

Manual Integrations
 APPROVED

MMDadoda

10/24/2019 10:46:09 AM

Quant Time: Oct 24 04:44:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 04:17:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1227878	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1193581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	536852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	364429	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.54%
7) Chloroethane-d5	1.58	69	303070	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.48%
11) 1,1-Dichloroethene-d2	2.13	63	447923	37.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.22%
21) 2-Butanone-d5	3.95	46	411514	75.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.46%
24) Chloroform-d	4.40	84	806755	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.08	65	494790	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.10	84	1676921	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.12	67	520796	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.54%
41) Toluene-d8	7.36	98	1477650	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	223996	44.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.22%
47) 2-Hexanone-d5	8.13	63	272541	79.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	669636	44.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.04%
64) 1,2-Dichlorobenzene-d4	11.67	152	622889	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	8283m	2.055	ug/L	
25) Chloroform	4.42	83	326241	20.566	ug/L	99
38) Bromodichloromethane	6.55	83	52010	4.325	ug/L	99
49) Dibromochloromethane	8.29	129	9230	0.906	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	6289	0.536	ug/L	98

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

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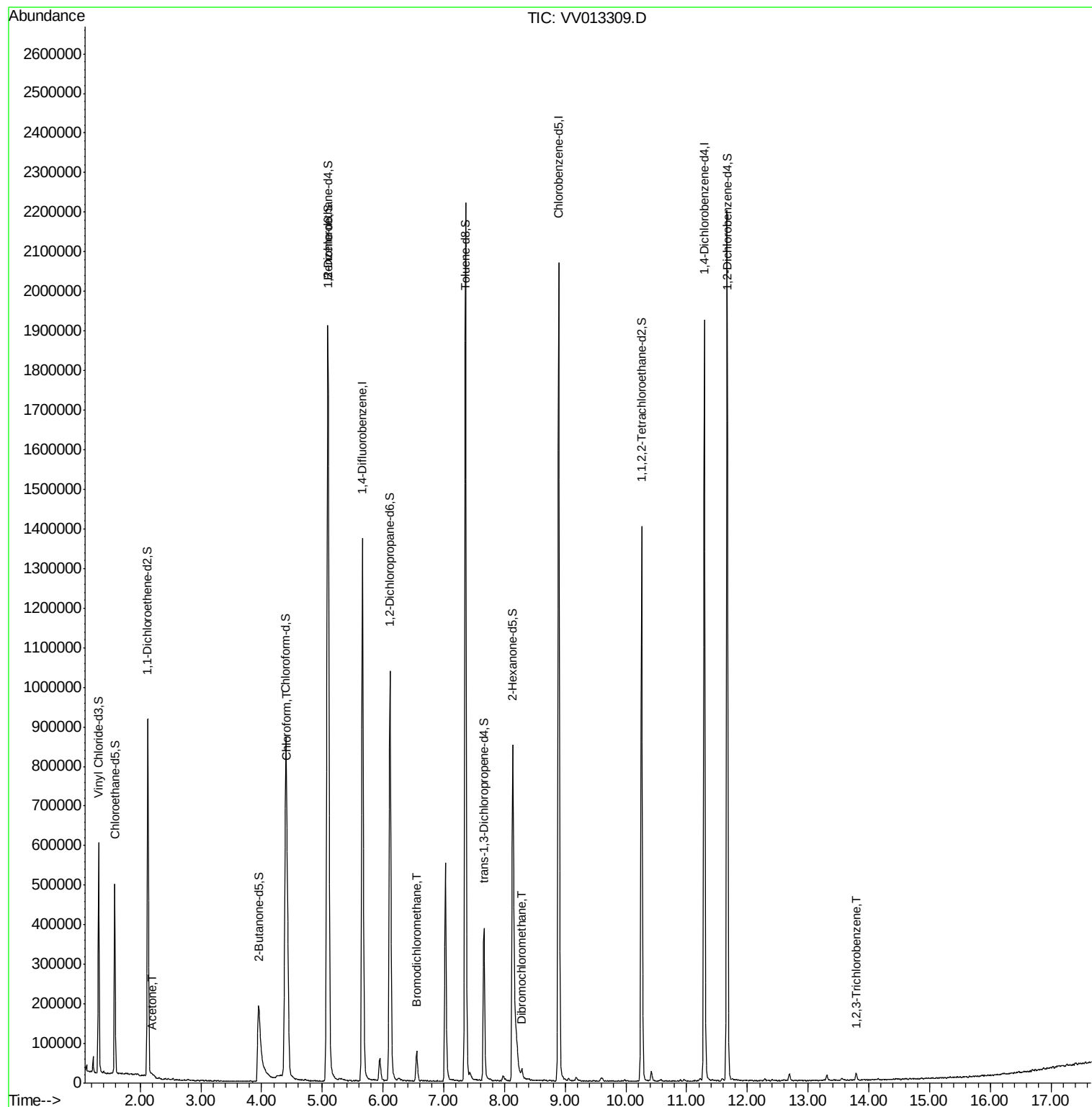
Instrument :
MSVOA_V
ClientSampleId :
C0051

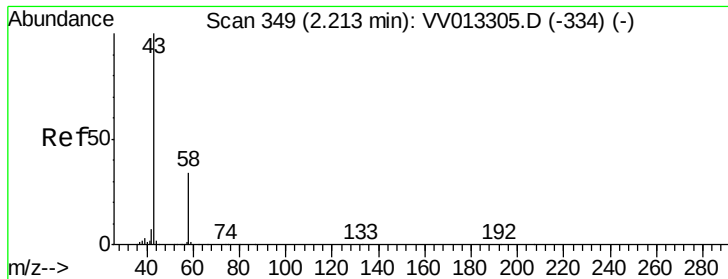
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration





#13
Acetone
Concen: 2.055 ug/L m
RT: 2.21 min Scan# 348
Delta R.T. -0.00 min
Lab File: VV013309.D
Acq: 23 Oct 2019 21:22

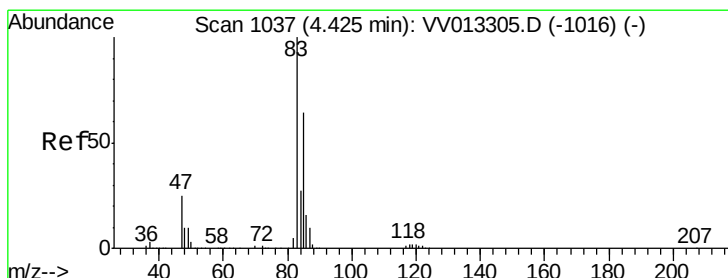
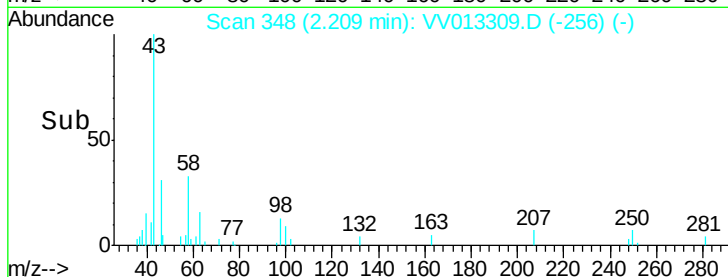
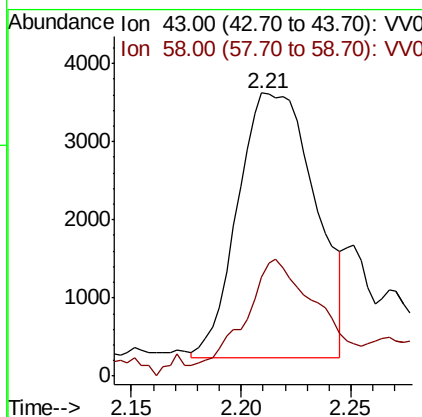
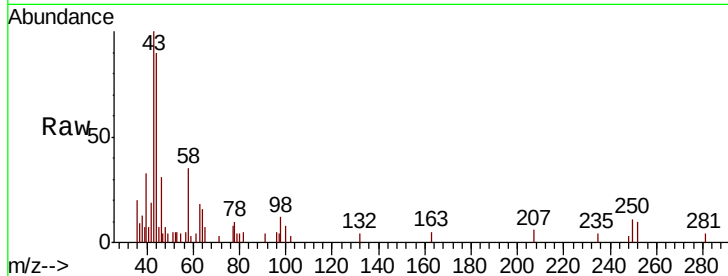
Instrument :
MSVOA_V
ClientSampled :
C0051

Tot Ion	43	58	Ratio	Lower	Upper
8283	100	0.3		0.0	64.0

Manual Integrations
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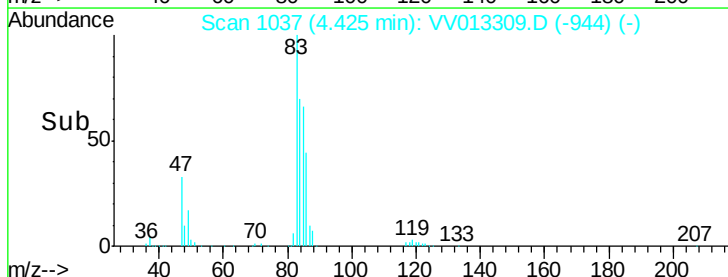
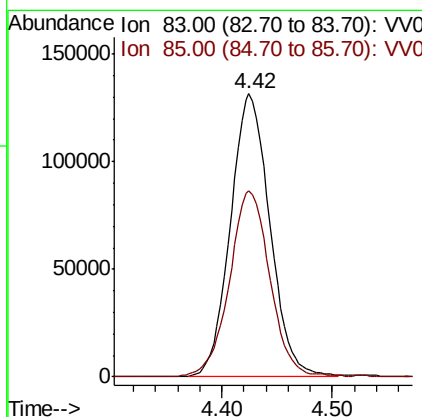
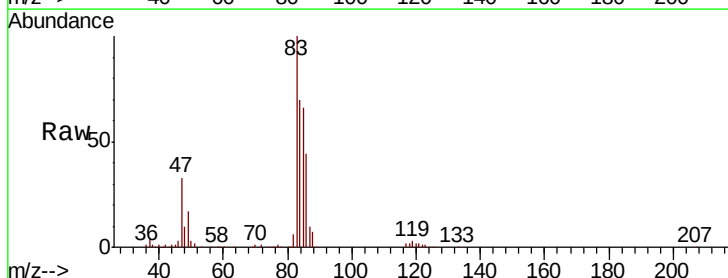
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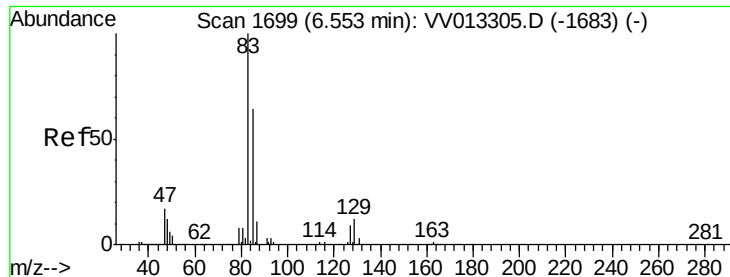
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#25
Chloroform
Concen: 20.566 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013309.D
Acq: 23 Oct 2019 21:22

Tgt Ion	83	85	Ratio	Lower	Upper
326241	100	65.9		45.8	85.0





#38
Bromodichloromethane
Concen: 4.325 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV013309.D
Acq: 23 Oct 2019 21:22

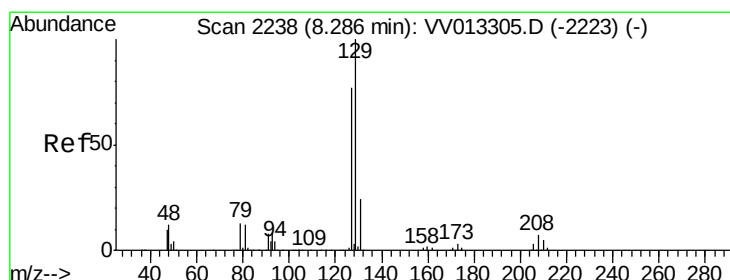
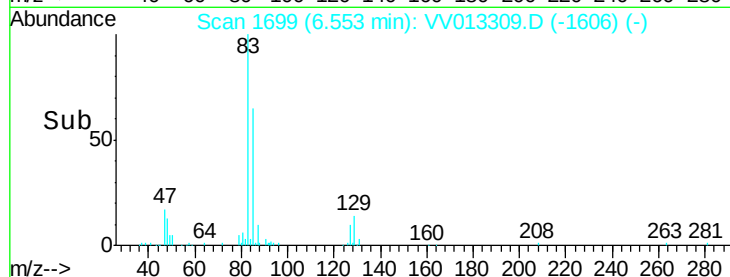
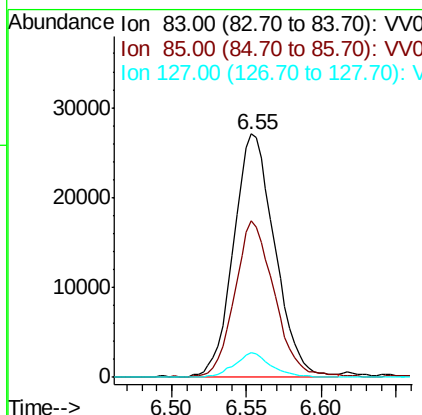
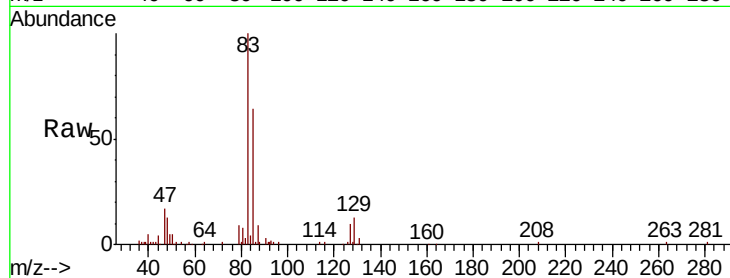
Instrument :
MSVOA_V
ClientSampleId :
C0051

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.6	82.8
127	10.1	7.4	11.2

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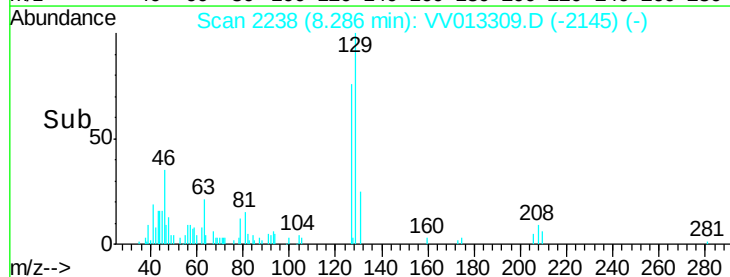
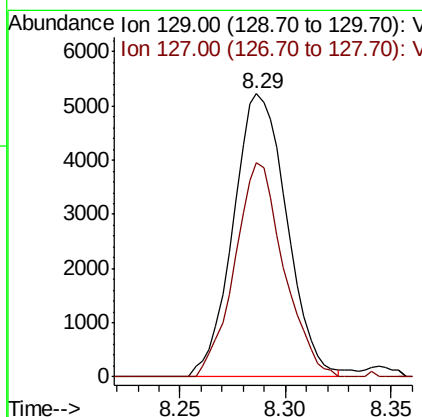
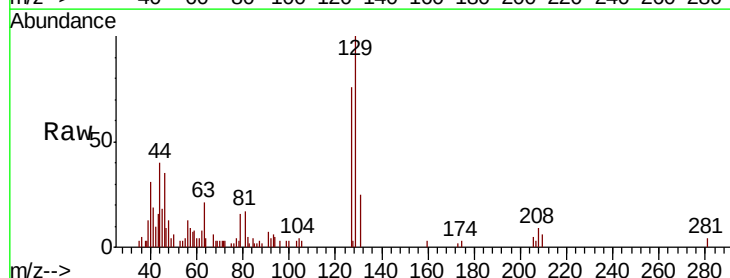
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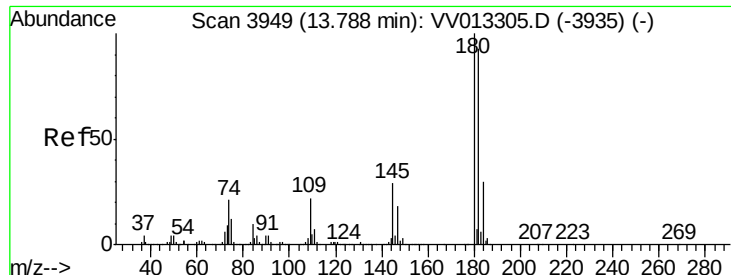
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#49
Dibromochloromethane
Concen: 0.906 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013309.D
Acq: 23 Oct 2019 21:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.7	101.5





#70
 1,2,3-Trichlorobenzene
 Concen: 0.536 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013309.D
 Acq: 23 Oct 2019 21:22

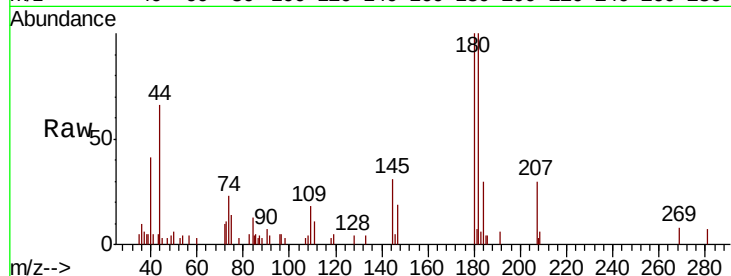
Instrument :
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Tot Ion:	180	Resp:	6289
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.0	115.6
145	30.2	23.4	35.2

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Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

