

Data File : VU034819.D
Acq On : 25 Sep 2019 21:54
Operator : JC/SP
Sample : K4983-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDM4

Quant Time: Sep 26 07:01:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 06:56:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	453574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	419259	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	190391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	194272	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.67	69	172141	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.94%
11) 1,1-Dichloroethene-d2	2.26	63	265191	33.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.44%
21) 2-Butanone-d5	4.15	46	410930	115.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.47%
24) Chloroform-d	4.62	84	330337	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	5.28	65	233298	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.32	84	708869	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
36) 1,2-Dichloropropane-d6	6.31	67	247618	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.04%
41) Toluene-d8	7.54	98	680840	55.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.14%
43) trans-1,3-Dichloropropene-	7.83	79	108145	49.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.42%
47) 2-Hexanone-d5	8.29	63	279228	122.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.40%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	337119	53.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.98%
64) 1,2-Dichlorobenzene-d4	11.84	152	223060	55.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.74%

Target Compounds

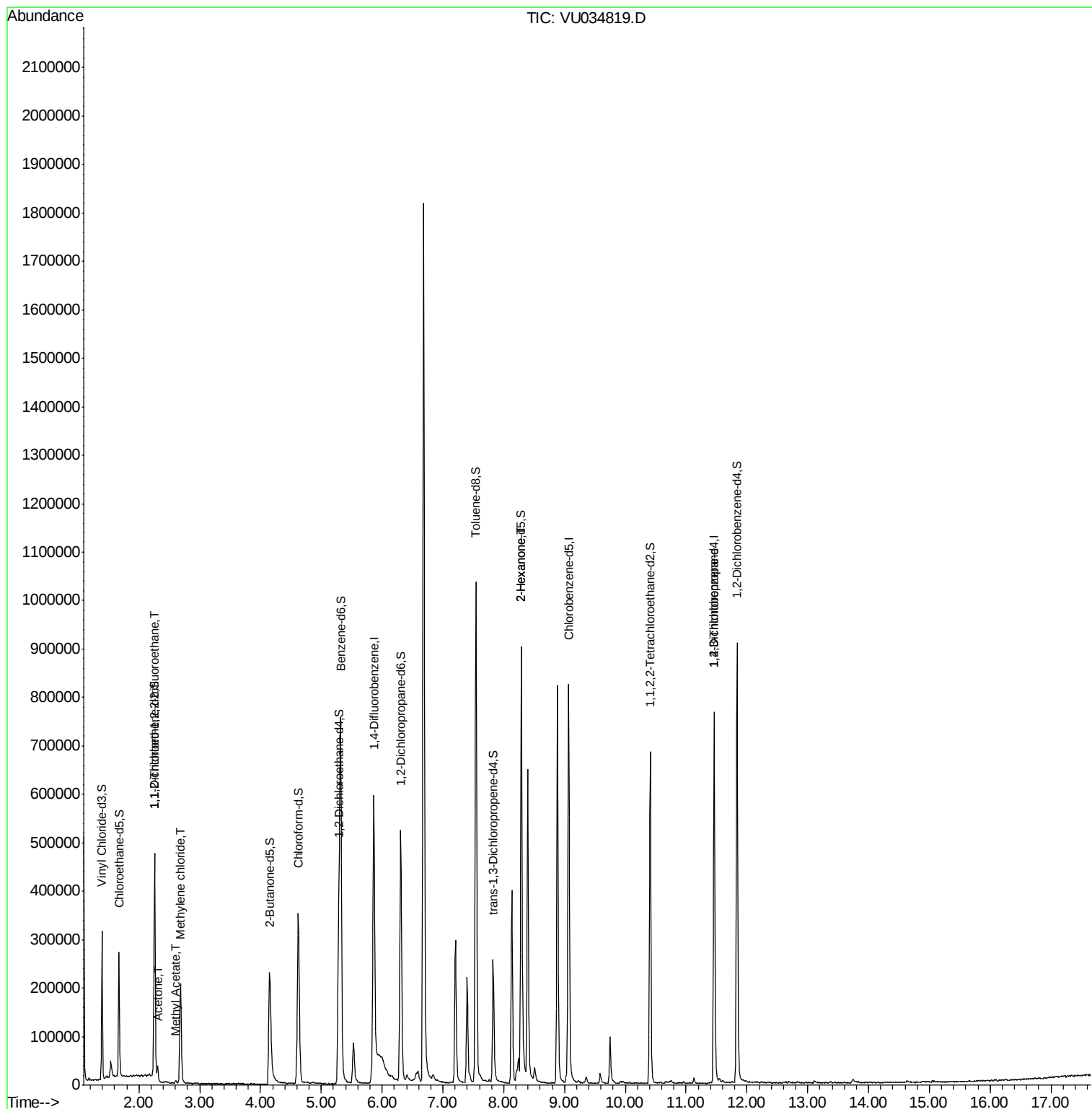
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2559	0.828	ug/L #	24
13) Acetone	2.31	43	30948	7.476	ug/L	94
15) Methyl Acetate	2.61	43	6652	1.203	ug/L #	86
16) Methylene chloride	2.68	84	82825	22.033	ug/L	95
48) 2-Hexanone	8.29	43	124470	19.279	ug/L #	55
59) 1,2,3-Trichloropropane	11.46	75	28743	5.315	ug/L	94

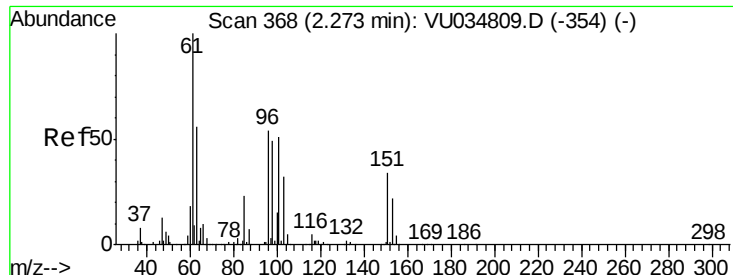
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.828 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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MSVOA_U

ClientSampleId :

BFDM4

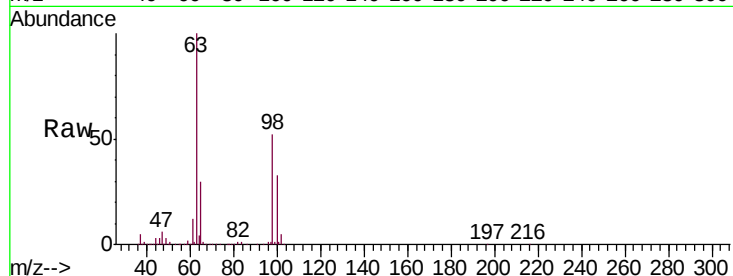
Tgt Ion: 101 Resp: 2559

Ion Ratio Lower Upper

101 100

85 1.7 39.0 58.4#

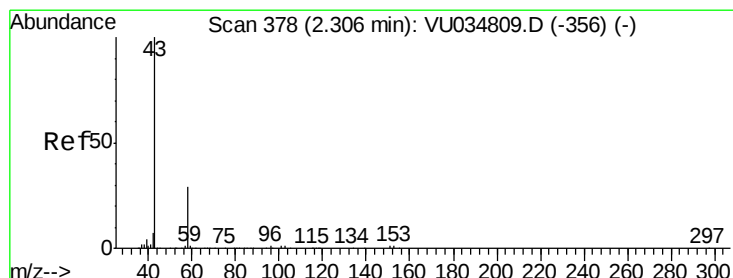
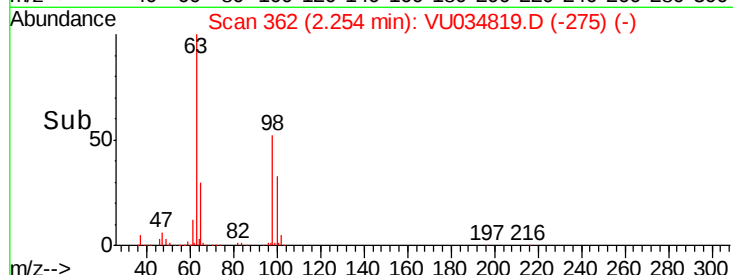
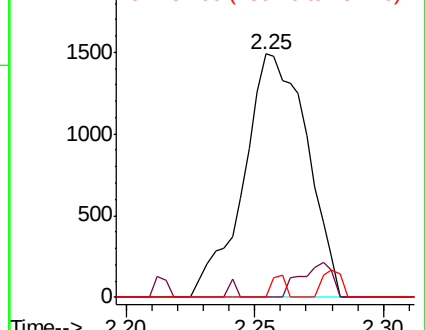
151 1.9 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

2000 Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 7.476 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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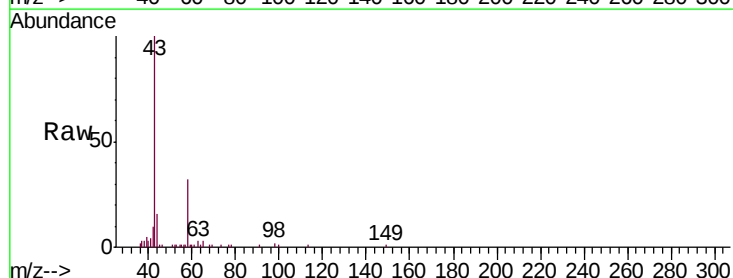
Acq: 25 Sep 2019 21:54

Tgt Ion: 43 Resp: 30948

Ion Ratio Lower Upper

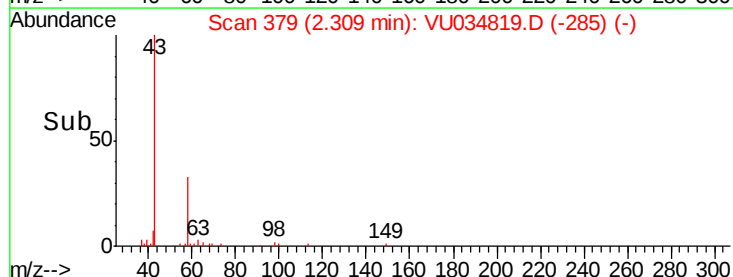
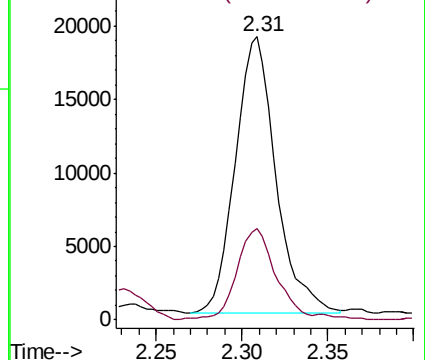
43 100

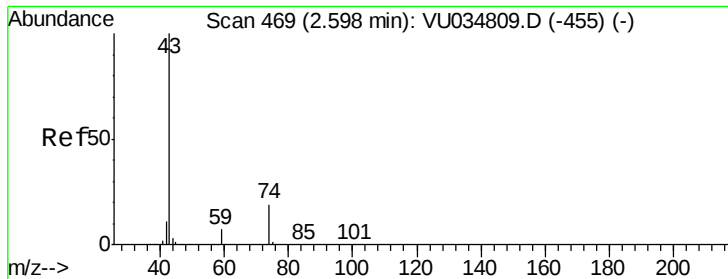
58 30.0 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

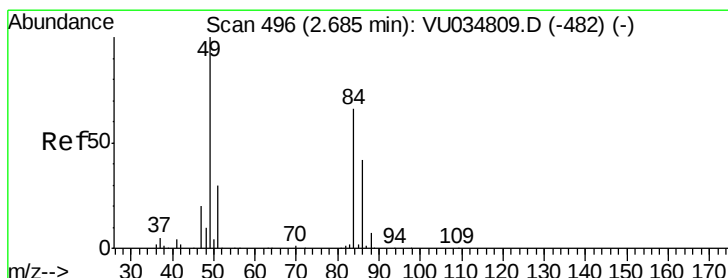
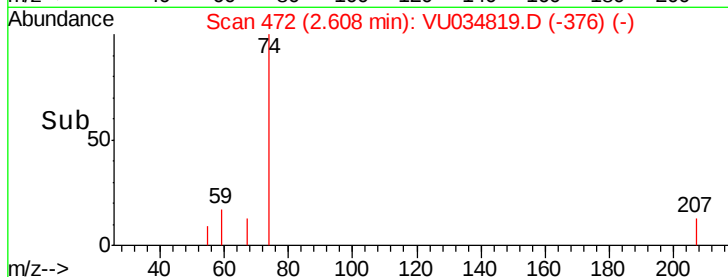
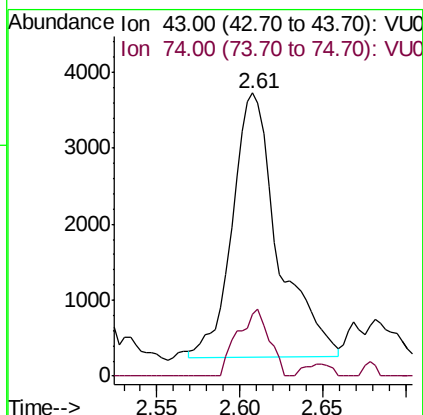
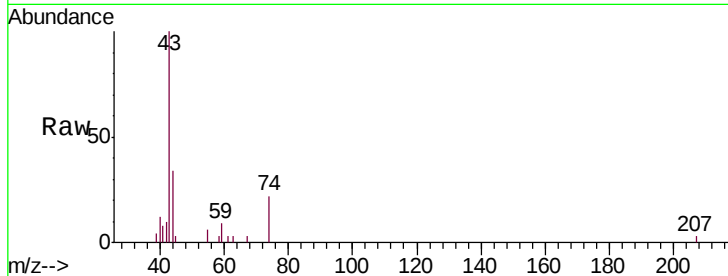




#15
Methyl Acetate
Concen: 1.203 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
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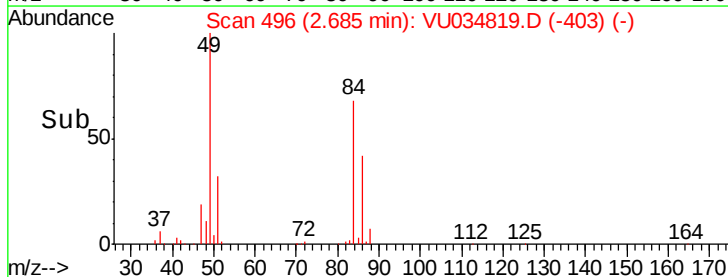
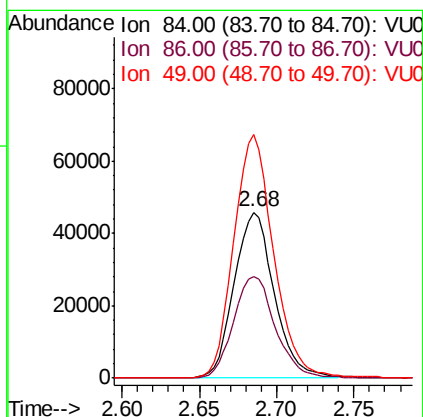
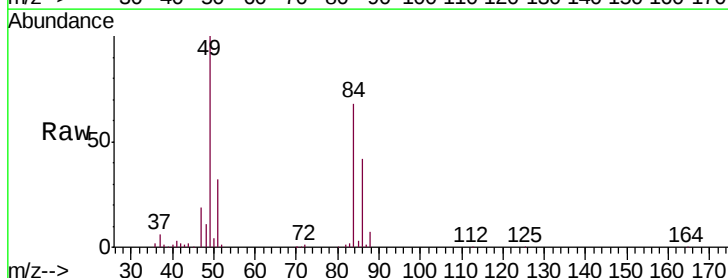
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MSVOA_U
ClientSampleId :
BFDM4

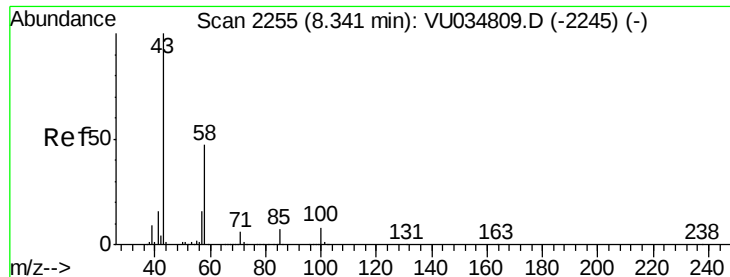
Tgt Ion: 43 Resp: 6652
Ion Ratio Lower Upper
43 100
74 11.8 14.4 21.6#



#16
Methylene chloride
Concen: 22.033 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034819.D
Acq: 25 Sep 2019 21:54

Tgt Ion: 84 Resp: 82825
Ion Ratio Lower Upper
84 100
86 61.2 43.0 80.0
49 147.0 109.7 203.7

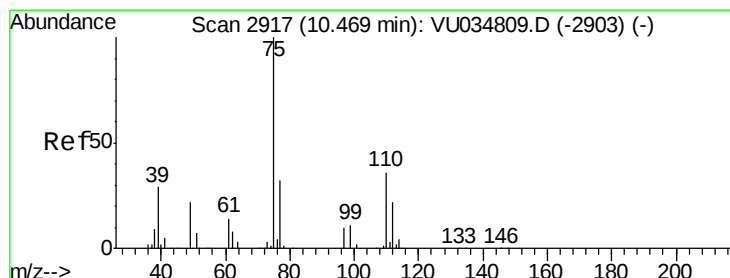
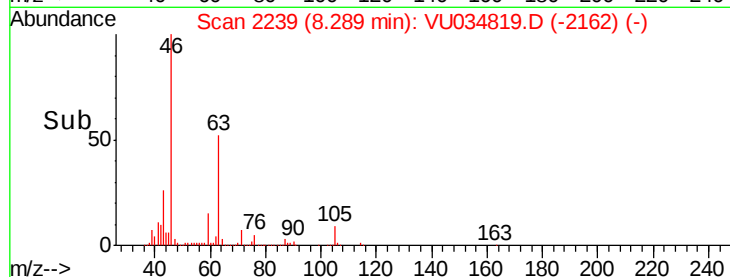
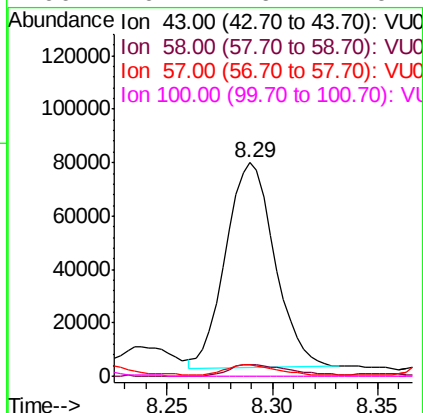
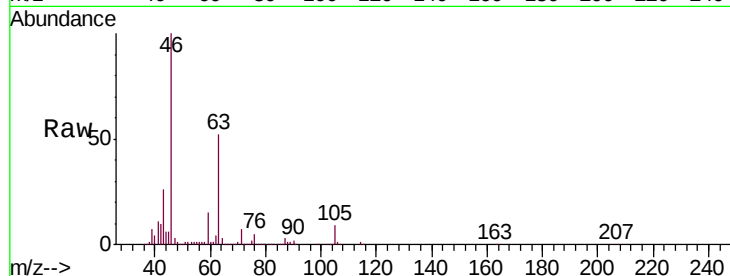




#48
2-Hexanone
Concen: 19.279 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034819.D
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Instrument :
MSVOA_U
ClientSampleId :
BFD4

Tgt Ion:	43	Resp:	124470
Ion	Ratio	Lower	Upper
43	100		
58	7.4	35.3	52.9#
57	4.9	12.1	18.1#
100	0.1	6.2	9.4#



#59
1,2,3-Trichloropropane
Concen: 5.315 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034819.D
Acq: 25 Sep 2019 21:54

Tgt Ion:	75	Resp:	28743
Ion	Ratio	Lower	Upper
75	100		
77	34.1	24.6	37.0

