

Data File : VU033934.D
Acq On : 23 Aug 2019 11:59
Operator : JC/SP
Sample : K4485-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B92

Quant Time: Aug 26 06:57:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 26 06:54:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	563699	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	571372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	232845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213850	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.52%
7) Chloroethane-d5	1.67	69	179849	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.72%
11) 1,1-Dichloroethene-d2	2.25	63	310551	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.15	46	302703	91.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.00%
24) Chloroform-d	4.62	84	366306	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.28	65	255449	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.31	84	765046	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.31	67	254201	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.55	98	655437	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.83	79	108997	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
47) 2-Hexanone-d5	8.29	63	193533	88.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	342008	45.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	235428	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%

Target Compounds

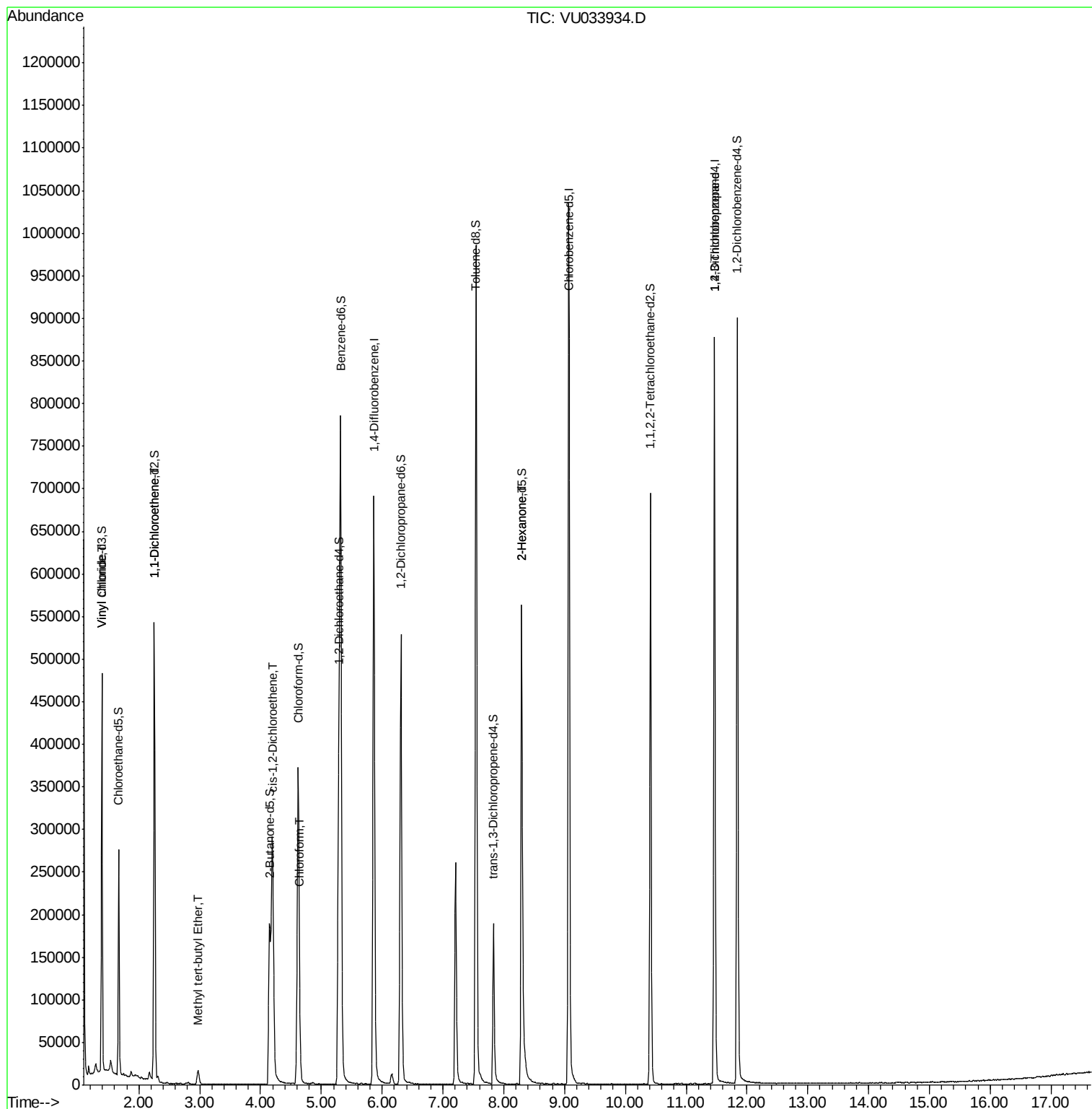
						Qvalue
5) Vinyl chloride	1.39	62	102679	17.433	ug/L	95
12) 1,1-Dichloroethene	2.26	96	3177	0.836	ug/L #	1
18) Methyl tert-butyl Ether	2.98	73	11387	0.921	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	149962	33.363	ug/L	98
25) Chloroform	4.65	83	13836	1.717	ug/L	99
48) 2-Hexanone	8.30	43	26829	5.104	ug/L #	73
59) 1,2,3-Trichloropropane	11.47	75	28249	4.676	ug/L	95

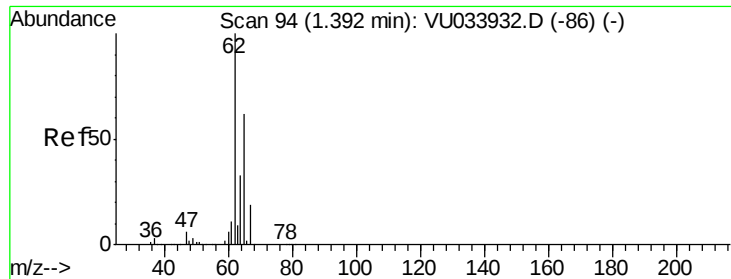
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 17.433 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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Acq: 23 Aug 2019 11:59

Instrument :

MSVOA_U

ClientSampled :

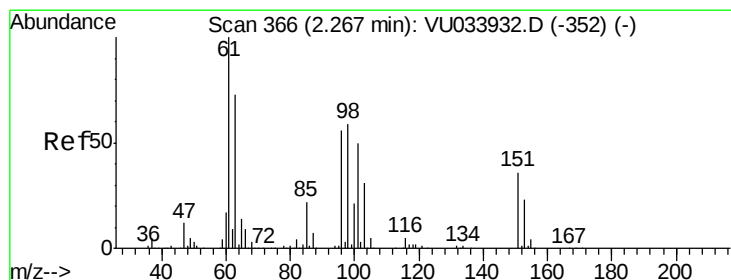
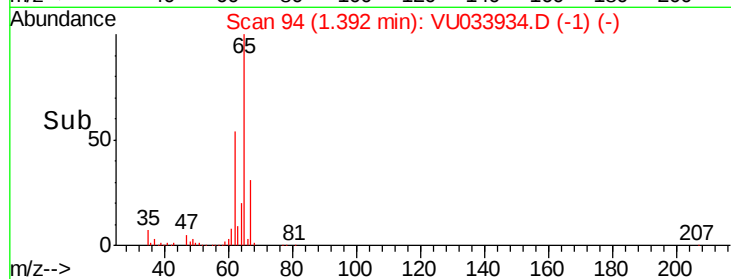
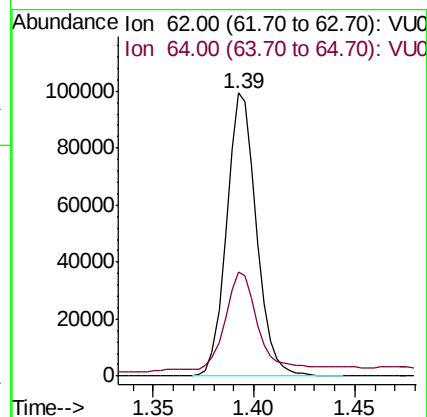
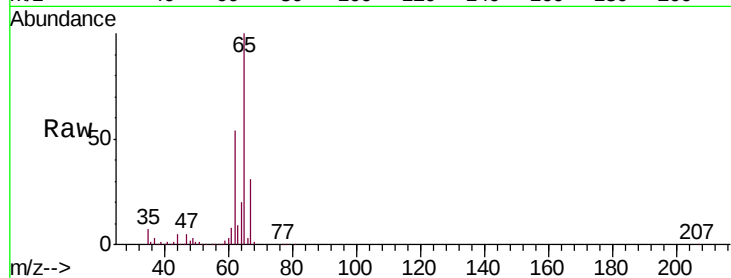
F2B92

Tgt Ion: 62 Resp: 102679

Ion Ratio Lower Upper

62 100

64 36.9 23.7 44.1



#12

1,1-Dichloroethene

Concen: 0.836 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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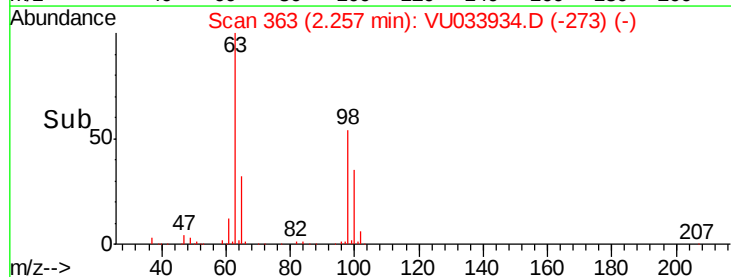
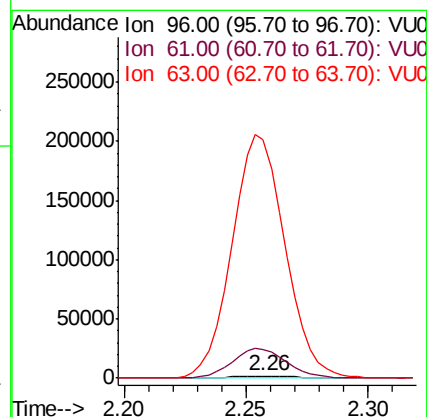
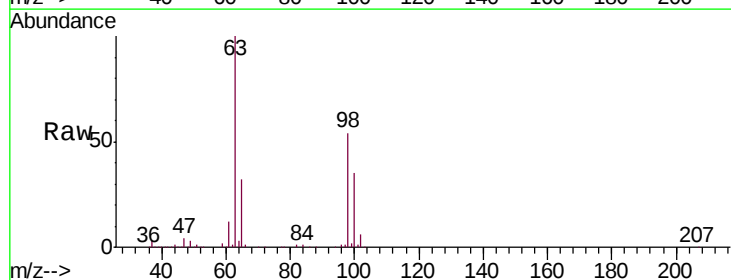
Tgt Ion: 96 Resp: 3177

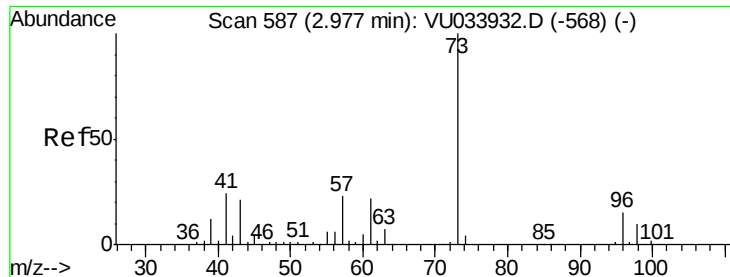
Ion Ratio Lower Upper

96 100

61 1353.1 124.7 231.5#

63 11068.0 97.9 181.9#

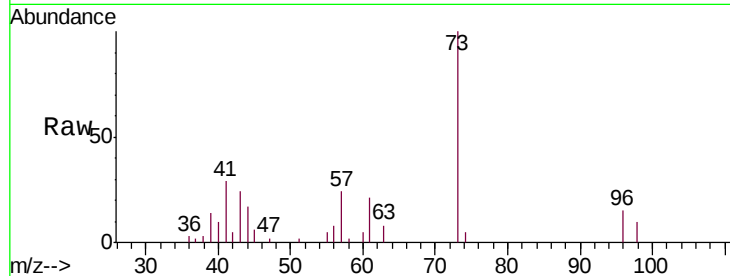




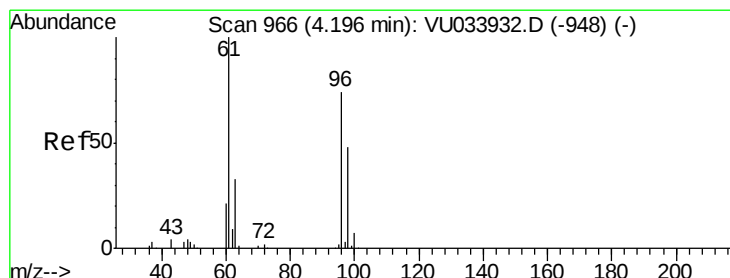
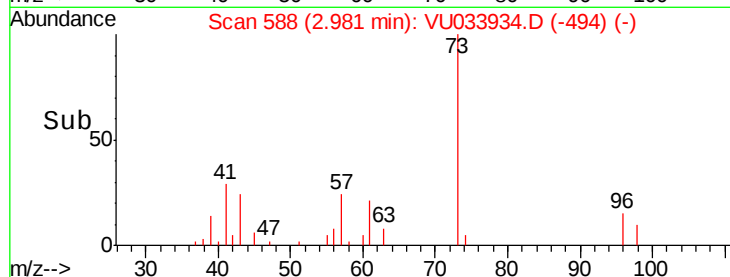
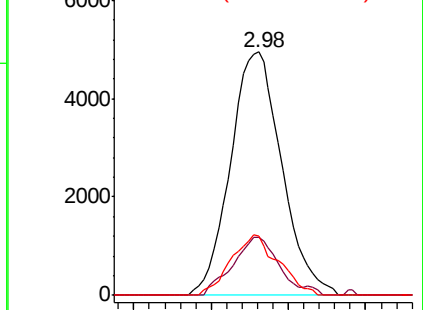
#18
Methyl tert-butyl Ether
Concen: 0.921 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU033934.D
Acq: 23 Aug 2019 11:59

Instrument :
MSVOA_U
ClientSampleId :
F2B92

Tgt Ion: 73 Resp: 11387
Ion Ratio Lower Upper
73 100
43 21.0 16.3 24.5
57 22.7 18.8 28.2

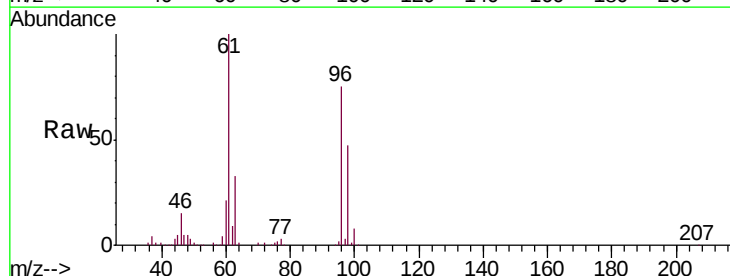


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

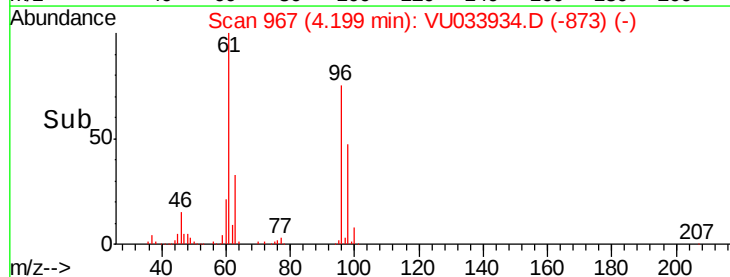
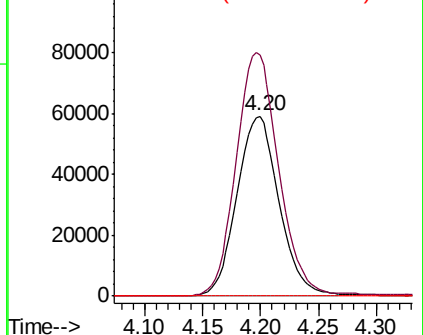


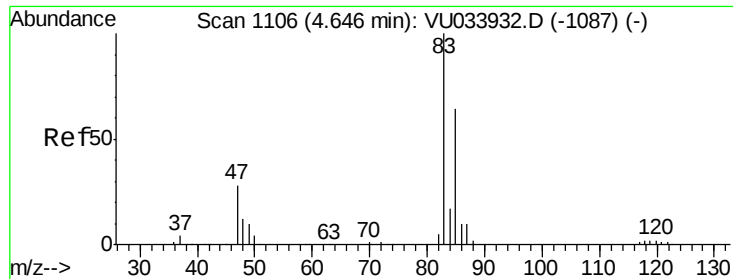
#20
cis-1,2-Dichloroethene
Concen: 33.363 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033934.D
Acq: 23 Aug 2019 11:59

Tgt Ion: 96 Resp: 149962
Ion Ratio Lower Upper
96 100
61 133.9 95.5 177.4
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

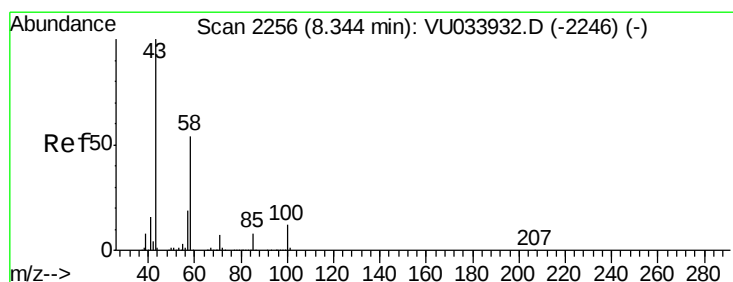
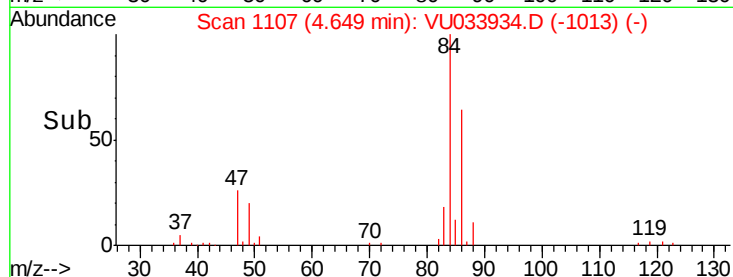
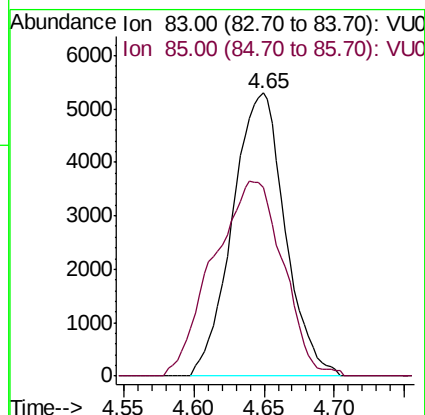
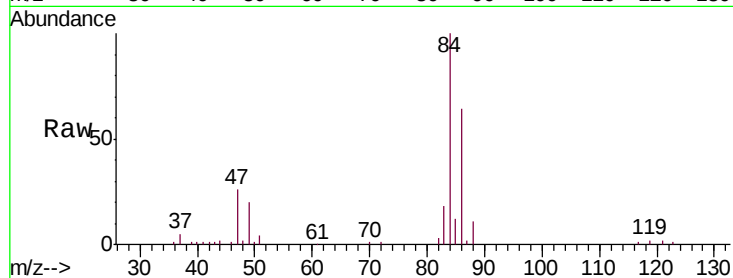




#25
Chloroform
Concen: 1.717 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033934.D
Acq: 23 Aug 2019 11:59

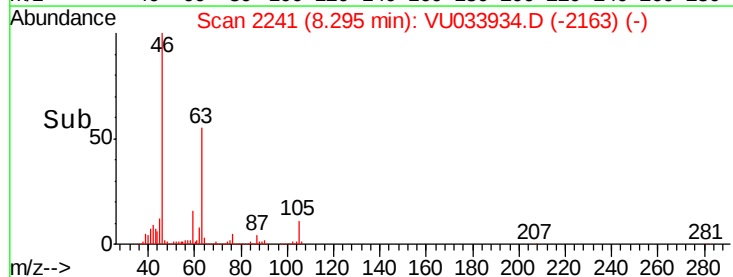
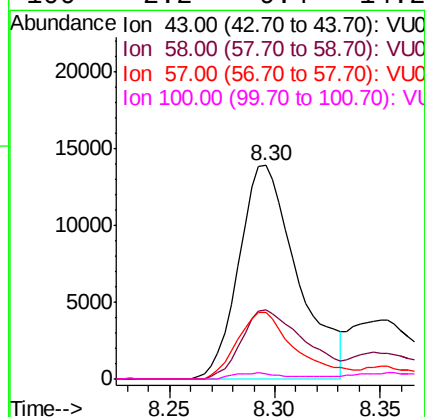
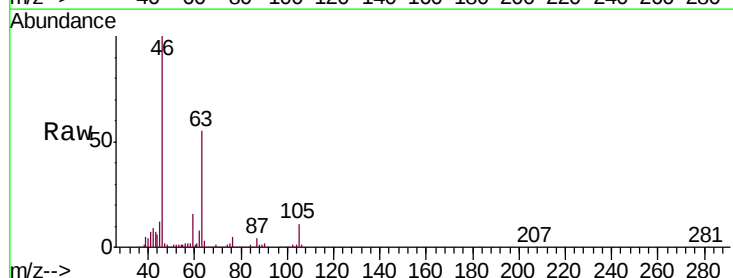
Instrument :
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ClientSampleId :
F2B92

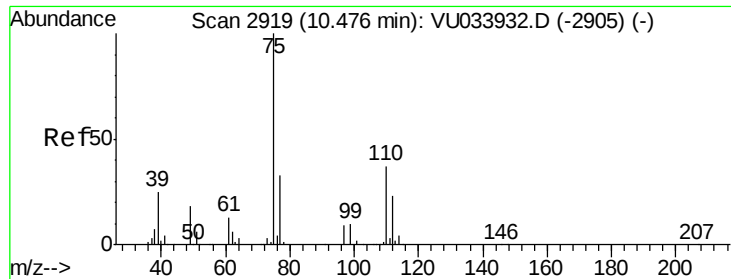
Tgt Ion: 83 Resp: 13836
Ion Ratio Lower Upper
83 100
85 66.5 46.2 85.8



#48
2-Hexanone
Concen: 5.104 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033934.D
Acq: 23 Aug 2019 11:59

Tgt Ion: 43 Resp: 26829
Ion Ratio Lower Upper
43 100
58 35.2 44.3 66.5#
57 31.2 15.3 22.9#
100 2.2 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.676 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033934.D

Acq: 23 Aug 2019 11:59

Instrument :

MSVOA_U

ClientSampleId :

F2B92

Tgt Ion: 75 Resp: 28249

Ion Ratio Lower Upper

75 100

77 35.3 25.8 38.8

