

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU113018\
 Data File : VU028419.D
 Acq On : 30 Nov 2018 13:36
 Operator : MD/SY
 Sample : J6077-02
 Misc : 6.06g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Y36

Quant Time: Dec 01 00:47:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 23:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	516784	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185153	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.10%
7) Chloroethane-d5	1.64	69	161786	45.58	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.16%
11) 1,1-Dichloroethene-d2	2.24	63	250694	30.49	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.98%
21) 2-Butanone-d5	4.19	46	315130	83.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.05%
24) Chloroform-d	4.64	84	301213	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.76%
26) 1,2-Dichloroethane-d4	5.31	65	207206	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.58%
32) Benzene-d6	5.33	84	635251	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.24%
36) 1,2-Dichloropropane-d6	6.33	67	231504	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.06%
41) Toluene-d8	7.56	98	570867	40.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.56%
43) trans-1,3-Dichloropropene-	7.85	79	103117	40.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.94%
47) 2-Hexanone-d5	8.32	63	237194	87.03	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324671	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	221892	44.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

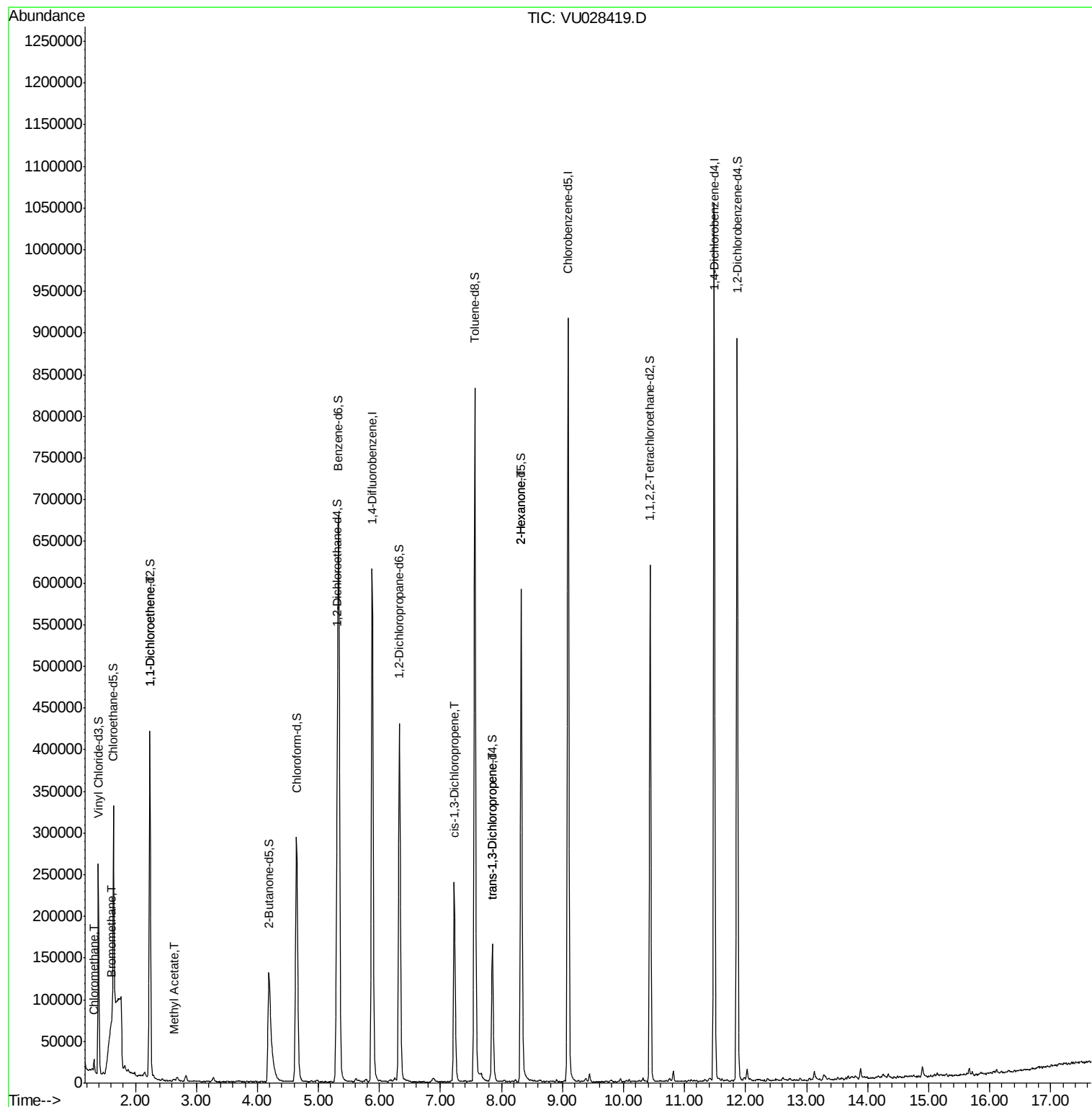
					Qvalue
3) Chloromethane	1.32	50	11788	1.766 ug/L	99
6) Bromomethane	1.60	94	1291	0.803 ug/L	100
12) 1,1-Dichloroethene	2.24	96	2211	0.678 ug/L #	1
15) Methyl Acetate	2.63	43	3997	0.684 ug/L #	85
39) cis-1,3-Dichloropropene	7.22	75	5871	0.808 ug/L #	46
44) trans-1,3-Dichloropropene	7.85	75	3923	0.589 ug/L	94
48) 2-Hexanone	8.32	43	27926	4.108 ug/L #	66

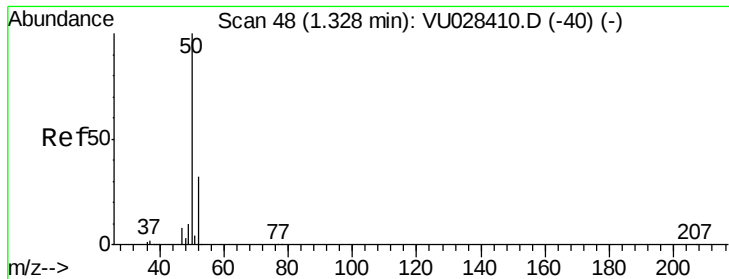
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 30 23:11:27 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.766 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

Lab File: VU028419.D

Acq: 30 Nov 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

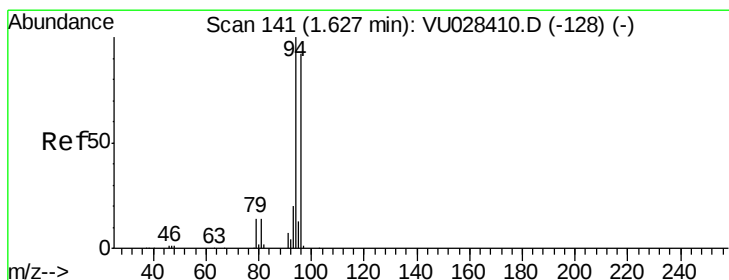
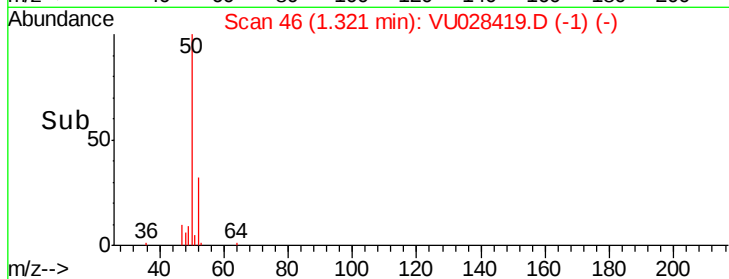
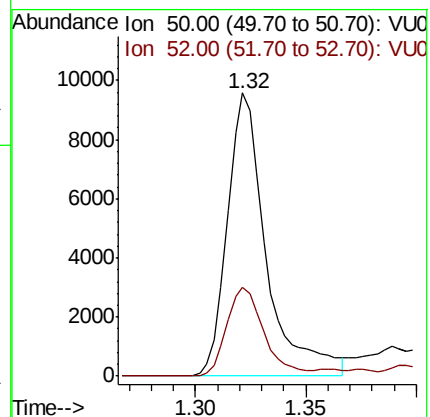
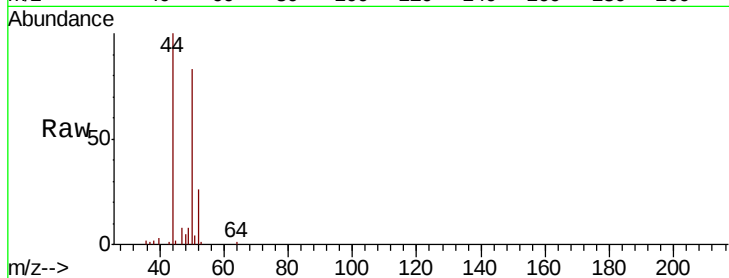
F9Y36

Tgt Ion: 50 Resp: 11788

Ion Ratio Lower Upper

50 100

52 31.6 22.6 42.0



#6

Bromomethane

Concen: 0.803 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.03 min

Lab File: VU028419.D

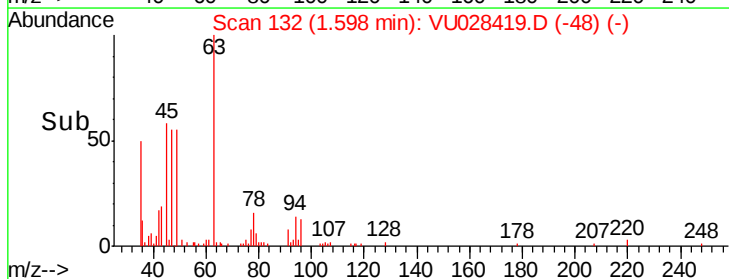
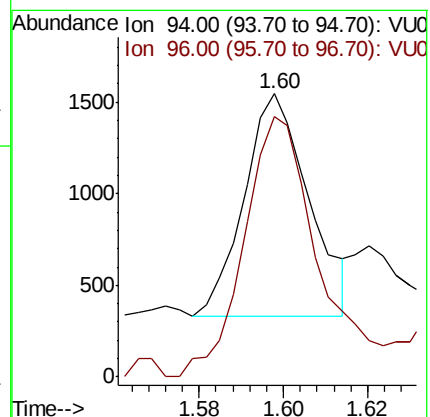
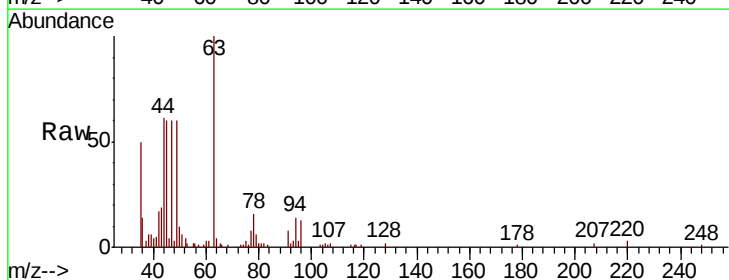
Acq: 30 Nov 2018 13:36

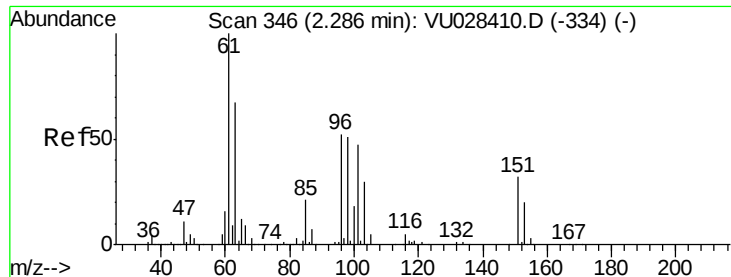
Tgt Ion: 94 Resp: 1291

Ion Ratio Lower Upper

94 100

96 91.8 64.5 119.9





#12

1,1-Dichloroethene

Concen: 0.678 ug/L

RT: 2.24 min Scan# 332

Delta R.T. -0.04 min

Lab File: VU028419.D

Acq: 30 Nov 2018 13:36

Instrument :

MSVOA_U

ClientSampled :

F9Y36

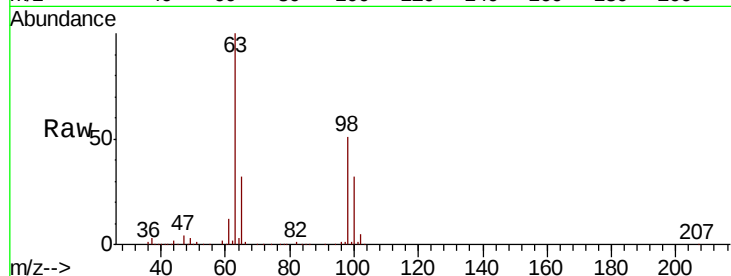
Tgt Ion: 96 Resp: 2211

Ion Ratio Lower Upper

96 100

61 1358.3 136.2 252.9#

63 11626.2 95.5 177.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

200000

150000

100000

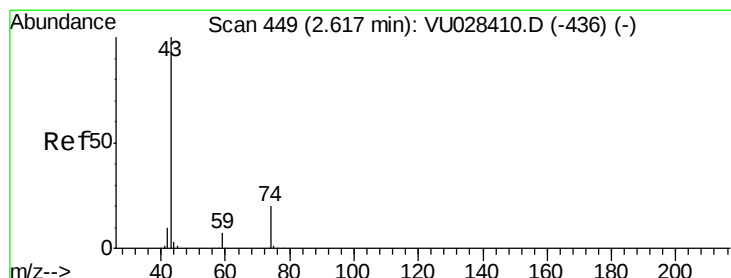
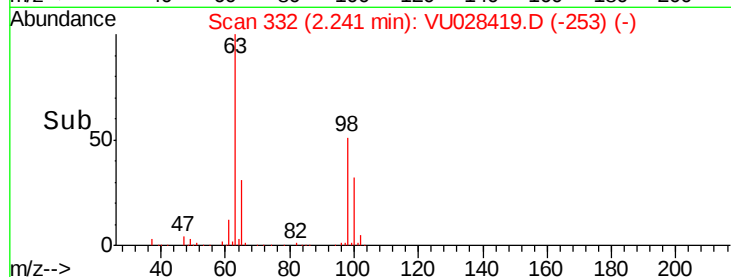
50000

0

2.20

2.25

Time-->



#15

Methyl Acetate

Concen: 0.684 ug/L

RT: 2.63 min Scan# 454

Delta R.T. 0.02 min

Lab File: VU028419.D

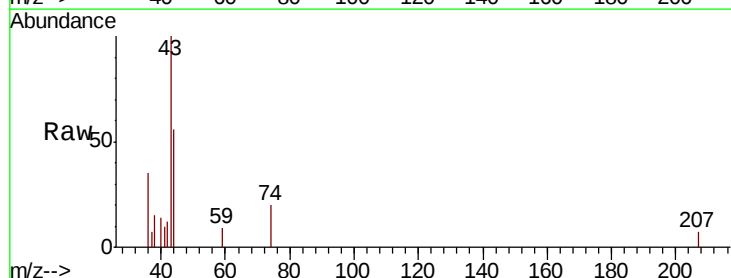
Acq: 30 Nov 2018 13:36

Tgt Ion: 43 Resp: 3997

Ion Ratio Lower Upper

43 100

74 13.3 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2000

1500

1000

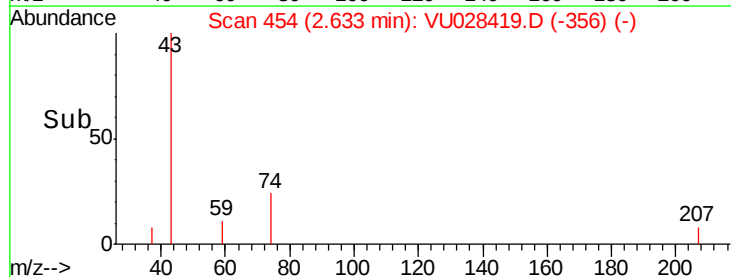
500

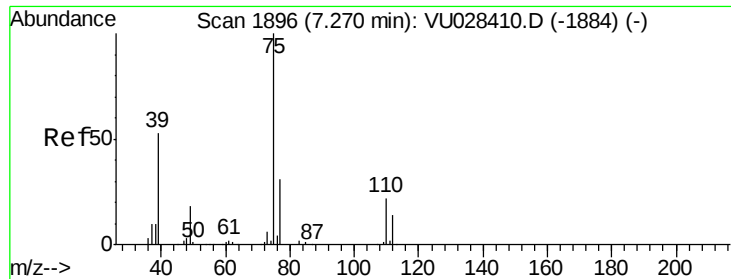
0

2.60

2.65

Time-->



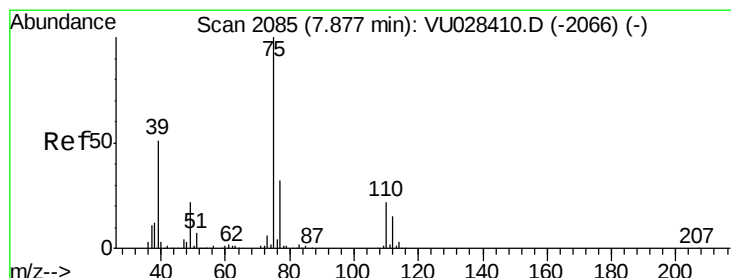
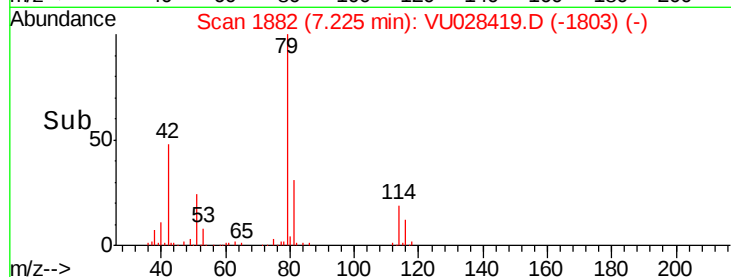
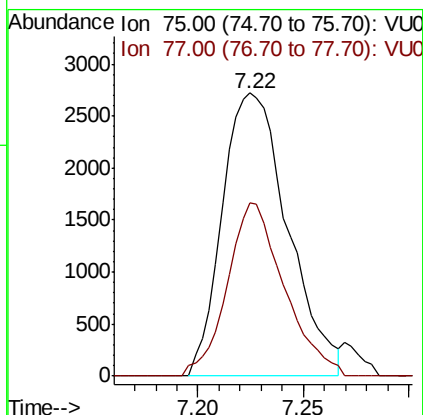
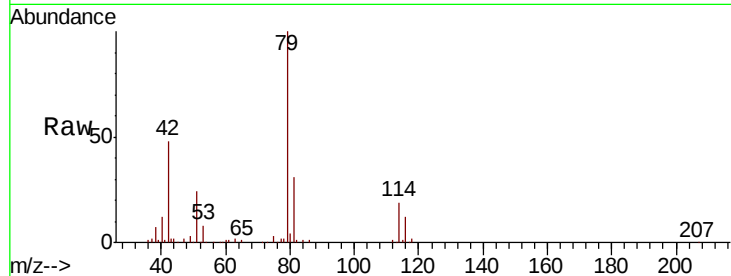


#39

cis-1,3-Dichloropropene
Concen: 0.808 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028419.D
Acq: 30 Nov 2018 13:36

Instrument :
MSVOA_U
ClientSampleId :
F9Y36

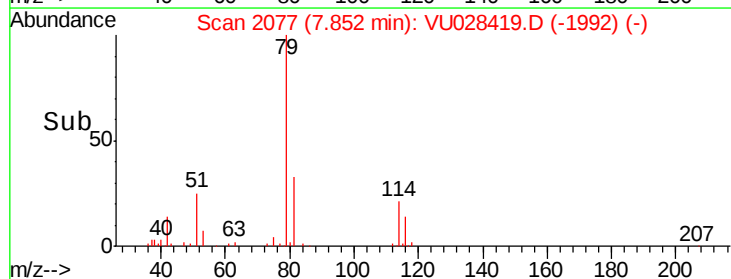
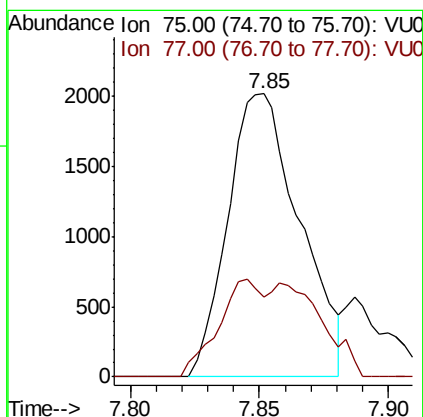
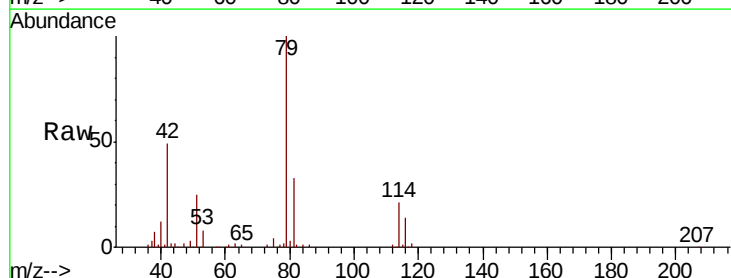
Tgt Ion: 75 Resp: 5871
Ion Ratio Lower Upper
75 100
77 61.3 21.9 40.7#

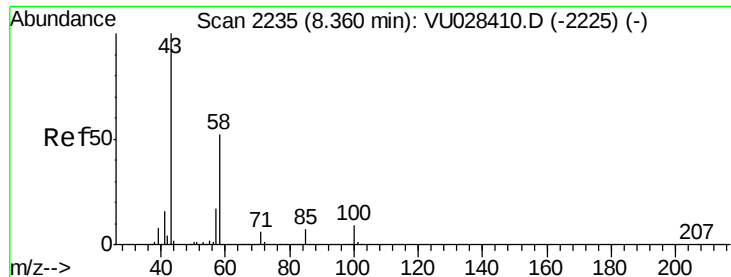


#44

trans-1,3-Dichloropropene
Concen: 0.589 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU028419.D
Acq: 30 Nov 2018 13:36

Tgt Ion: 75 Resp: 3923
Ion Ratio Lower Upper
75 100
77 28.1 22.1 41.1





#48

2-Hexanone

Concen: 4.108 ug/L

RT: 8.32 min Scan# 2223

Delta R.T. -0.04 min

Lab File: VU028419.D

Acq: 30 Nov 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

F9Y36

Tgt Ion: 43 Resp: 27926

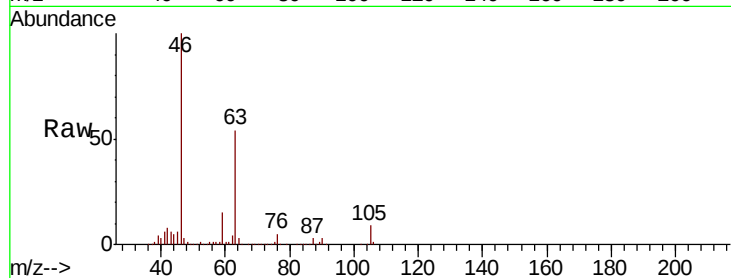
Ion Ratio Lower Upper

43 100

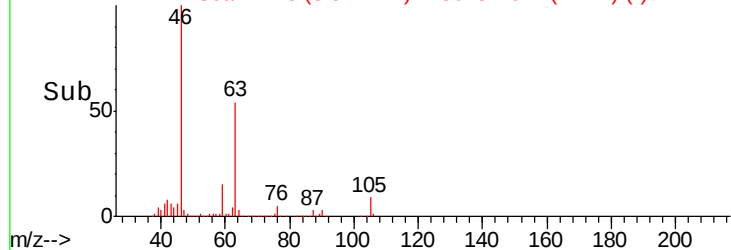
58 21.6 41.4 62.0#

57 23.0 14.0 21.0#

100 0.0 7.0 10.6#



Scan 2223 (8.321 min): VU028419.D (-2142) (-)



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

