

Data File : VU028836.D
Acq On : 20 Dec 2018 19:55
Operator : MD/SY
Sample : J6506-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF029

Quant Time: Dec 21 06:00:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204150	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	185473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78464	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67540	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.54%
7) Chloroethane-d5	1.67	69	55415	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.68%
11) 1,1-Dichloroethene-d2	2.27	63	87865	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.84%
21) 2-Butanone-d5	4.18	46	119827	104.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.50%
24) Chloroform-d	4.65	84	116629	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	74070	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.34	84	252679	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.33	67	89812	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.90%
41) Toluene-d8	7.57	98	222021	46.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%
43) trans-1,3-Dichloropropene-	7.85	79	38218	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.31	63	92692	109.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120622	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	79663	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

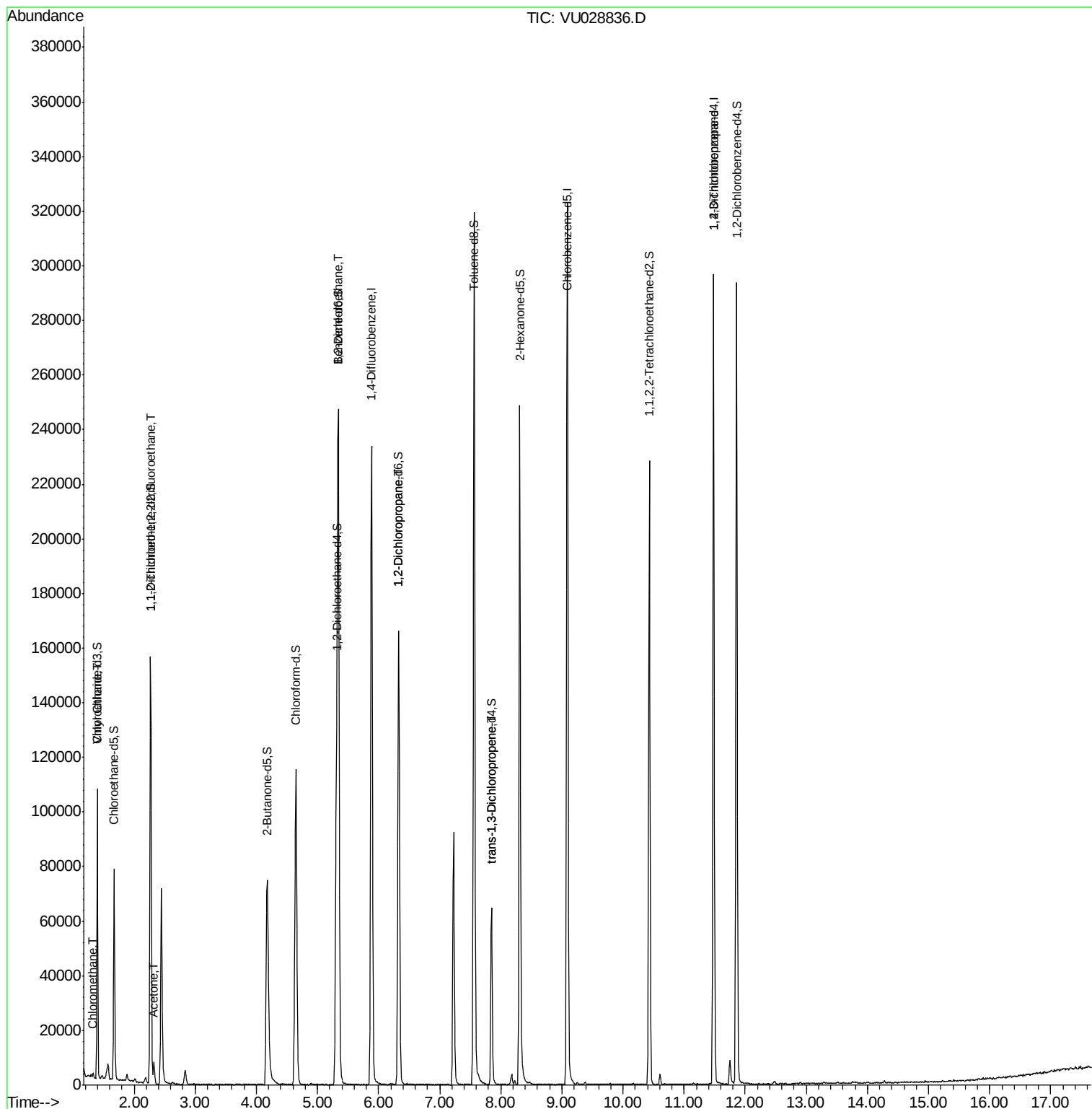
					Qvalue
3) Chloromethane	1.33	50	1576	0.696 ug/L	94
8) Chloroethane	1.40	64	1043	0.914 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	817	0.618 ug/L #	20
13) Acetone	2.32	43	7309	6.255 ug/L	98
27) 1,2-Dichloroethane	5.34	62	1248	0.640 ug/L #	74
37) 1,2-Dichloropropane	6.33	63	8213	4.976 ug/L #	90
44) trans-1,3-Dichloropropene	7.85	75	1425	0.679 ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	9992	5.073 ug/L	97

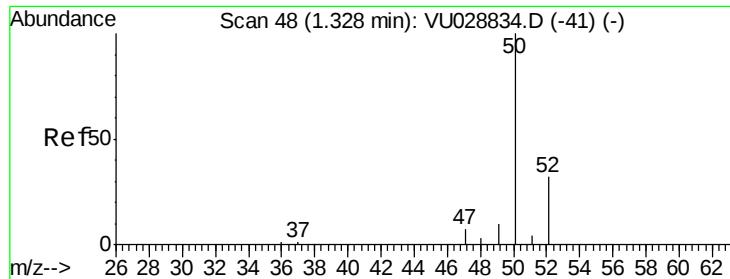
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028836.D
Acq On : 20 Dec 2018 19:55
Operator : MD/SY
Sample : J6506-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF029

Quant Time: Dec 21 06:00:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.696 ug/L

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028836.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_U

ClientSampleId :

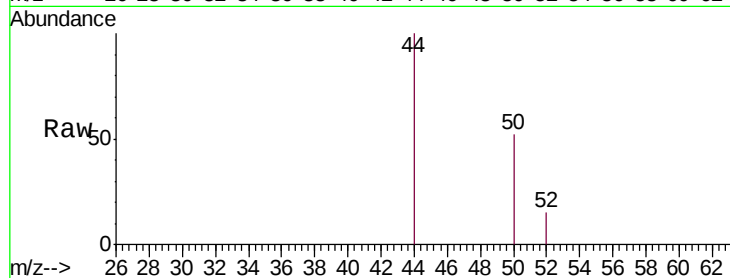
BF029

Tgt Ion: 50 Resp: 1576

Ion Ratio Lower Upper

50 100

52 28.6 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

1500

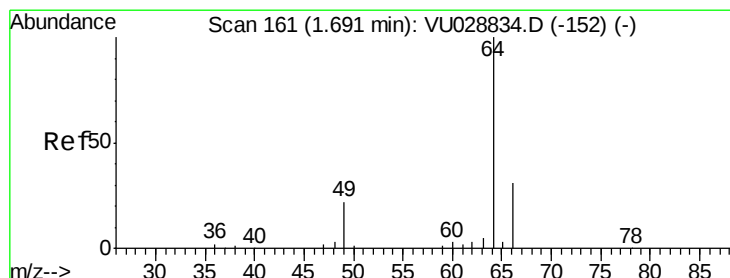
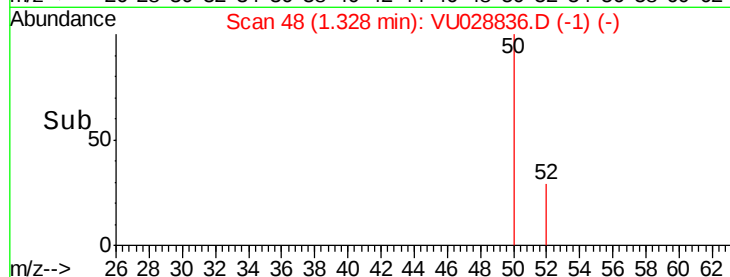
1000

500

0

1.30 1.32 1.34 1.36

Time-->



#8

Chloroethane

Concen: 0.914 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028836.D

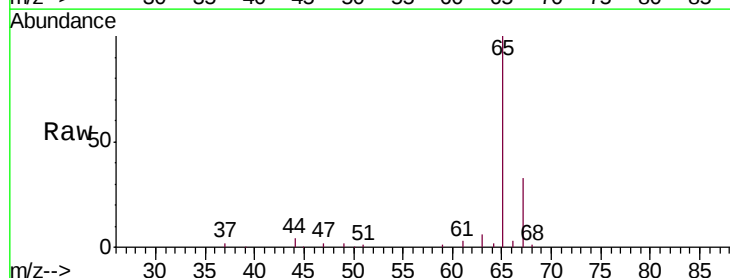
Acq: 20 Dec 2018 19:55

Tgt Ion: 64 Resp: 1043

Ion Ratio Lower Upper

64 100

66 167.9 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0

2000

1500

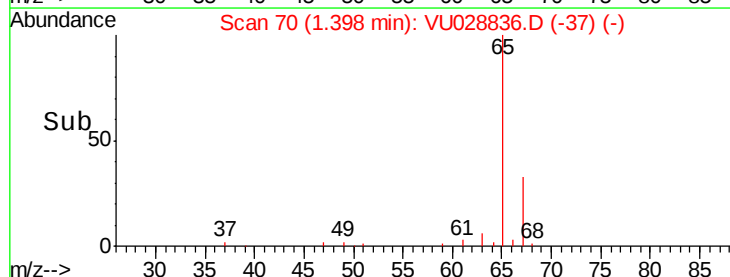
1000

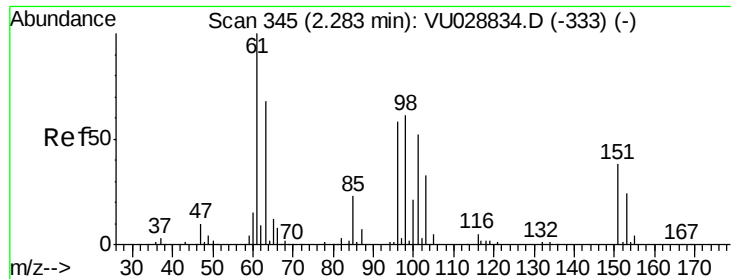
500

0

1.38 1.40 1.42

Time-->





#10

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

Concen: 0.618 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.01 min

Lab File: VU028836.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_U

ClientSampleId :

BF029

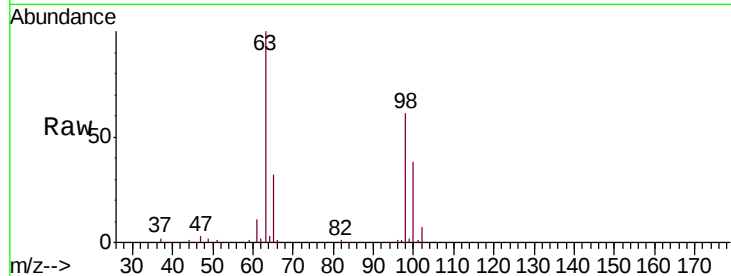
Tgt Ion:101 Resp: 817

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

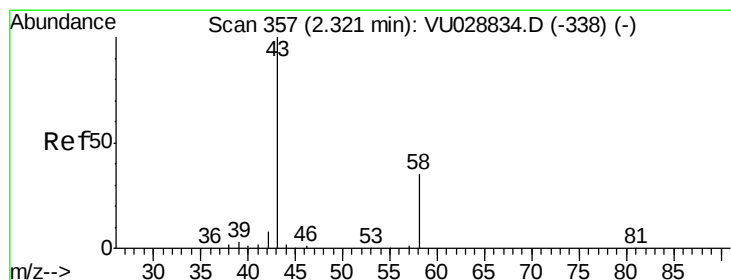
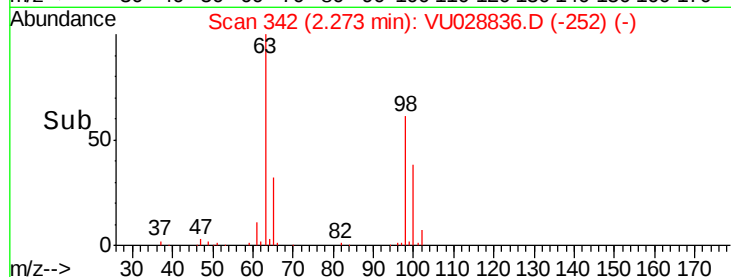
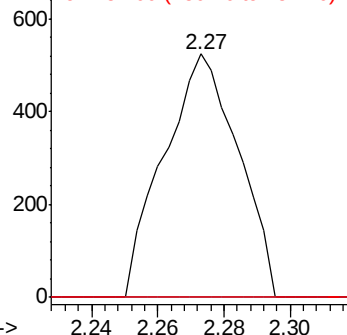
151 0.0 59.4 89.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.255 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028836.D

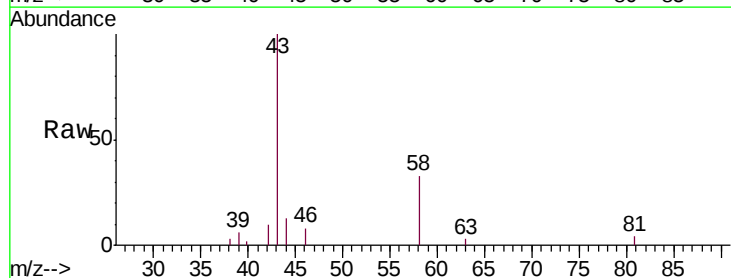
Acq: 20 Dec 2018 19:55

Tgt Ion: 43 Resp: 7309

Ion Ratio Lower Upper

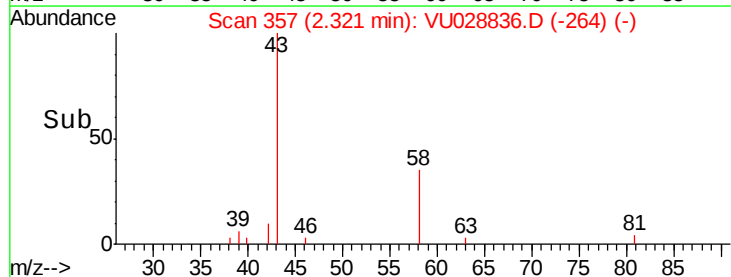
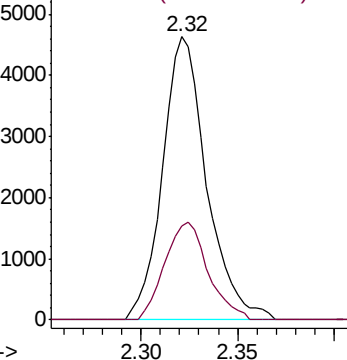
43 100

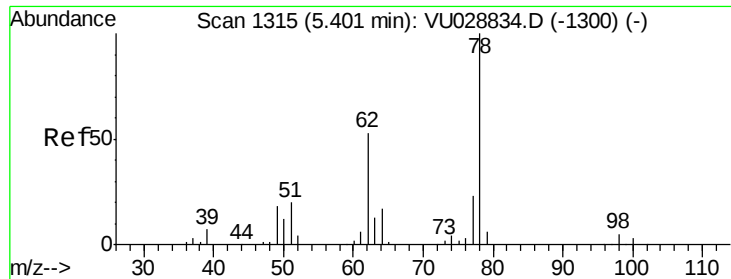
58 33.9 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

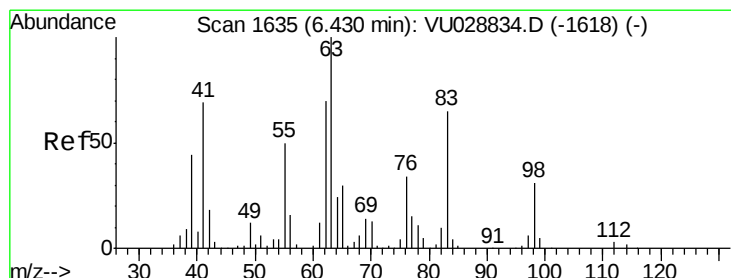
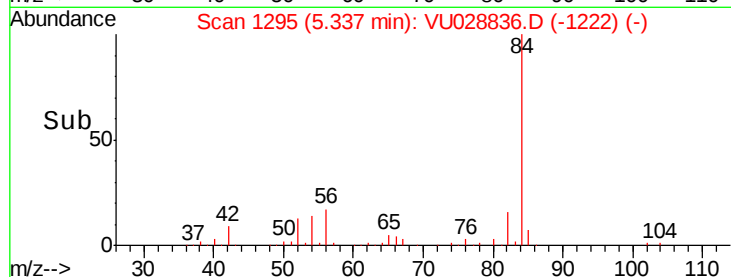
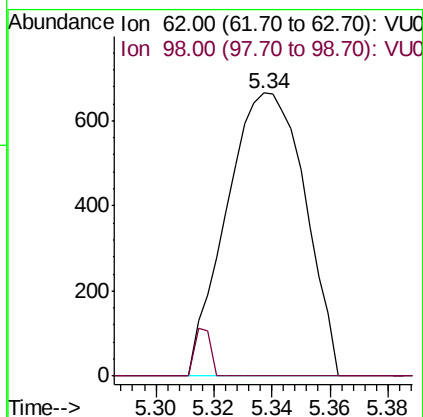
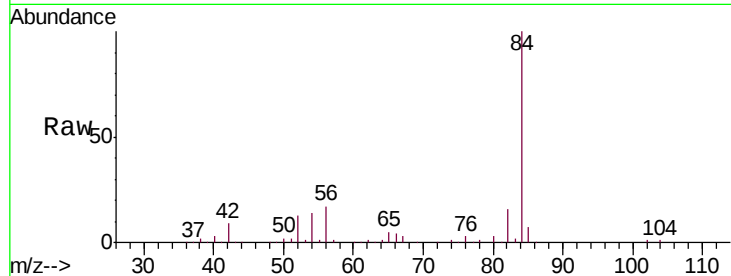




#27
 1,2-Dichloroethane
 Concen: 0.640 ug/L
 RT: 5.34 min Scan# 1295
 Delta R.T. -0.06 min
 Lab File: VU028836.D
 Acq: 20 Dec 2018 19:55

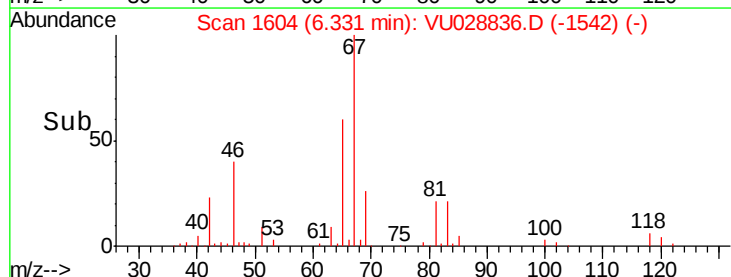
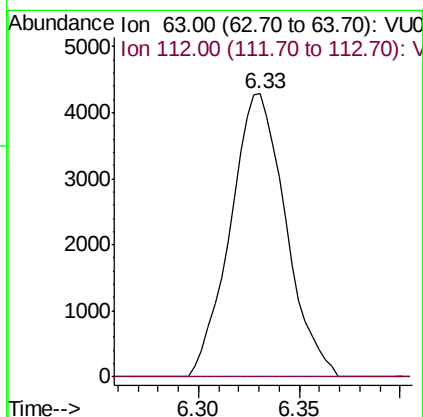
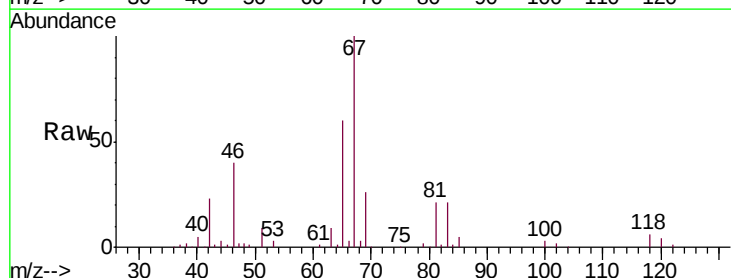
Instrument :
 MSVOA_U
 ClientSampleId :
 BF029

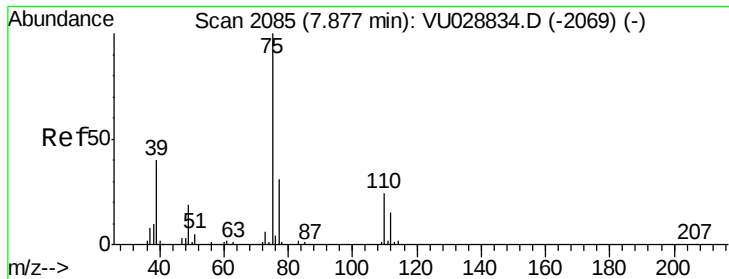
Tgt Ion: 62 Resp: 1248
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#37
 1,2-Dichloropropane
 Concen: 4.976 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028836.D
 Acq: 20 Dec 2018 19:55

Tgt Ion: 63 Resp: 8213
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#





#44

trans-1,3-Dichloropropene

Concen: 0.679 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028836.D

Acq: 20 Dec 2018 19:55

Instrument :

MSVOA_U

ClientSampleId :

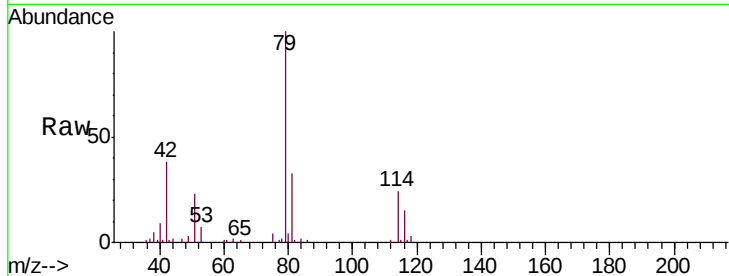
BF029

Tgt Ion: 75 Resp: 1425

Ion Ratio Lower Upper

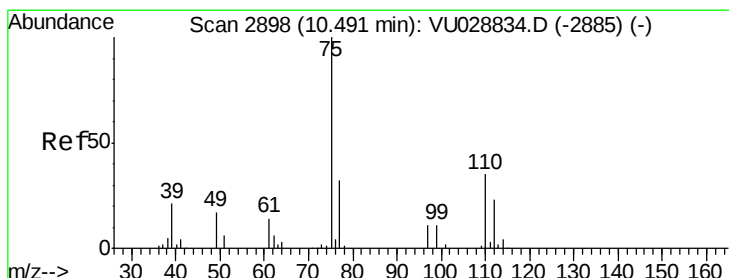
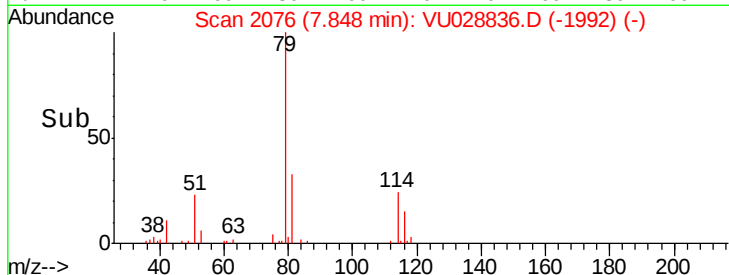
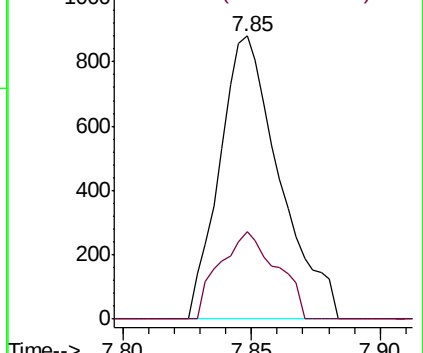
75 100

77 31.1 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.073 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028836.D

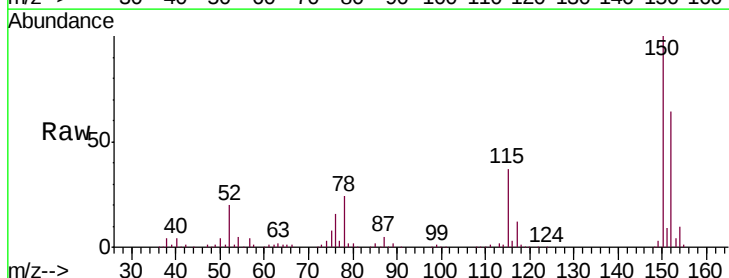
Acq: 20 Dec 2018 19:55

Tgt Ion: 75 Resp: 9992

Ion Ratio Lower Upper

75 100

77 33.6 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

