

Data File : VU027812.D
Acq On : 25 Oct 2018 20:26
Operator : MD/SY
Sample : J5657-01 20X
Misc : 4.65g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40G4ME

Quant Time: Oct 26 02:30:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	97685	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26543	34.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.84%
7) Chloroethane-d5	1.67	69	21184	36.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.40%
11) 1,1-Dichloroethene-d2	2.27	63	37856	27.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.30%#
21) 2-Butanone-d5	4.18	46	52746	81.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.43%
24) Chloroform-d	4.65	84	51929	38.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.02%
26) 1,2-Dichloroethane-d4	5.31	65	39734	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.00%
32) Benzene-d6	5.34	84	97368	36.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.28%
36) 1,2-Dichloropropane-d6	6.33	67	35335	37.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.50%
41) Toluene-d8	7.57	98	90002	36.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.44%#
43) trans-1,3-Dichloropropene-	7.85	79	16327	35.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.88%
47) 2-Hexanone-d5	8.31	63	38634	79.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47458	38.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	35491	36.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.64%#

Target Compounds

					Qvalue	
13) Acetone	2.33	43	342	0.758	ug/L #	46
16) Methylene chloride	2.71	84	527	0.784	ug/L	90
35) Methylcyclohexane	6.33	83	7963	6.626	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4116	5.019	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1048	0.830	ug/L #	78
44) trans-1,3-Dichloropropene	7.85	75	729	0.610	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	8449	8.717	ug/L	94
62) 1,3-Dichlorobenzene	11.42	146	842	0.597	ug/L #	73
63) 1,4-Dichlorobenzene	11.51	146	7415	5.154	ug/L	97

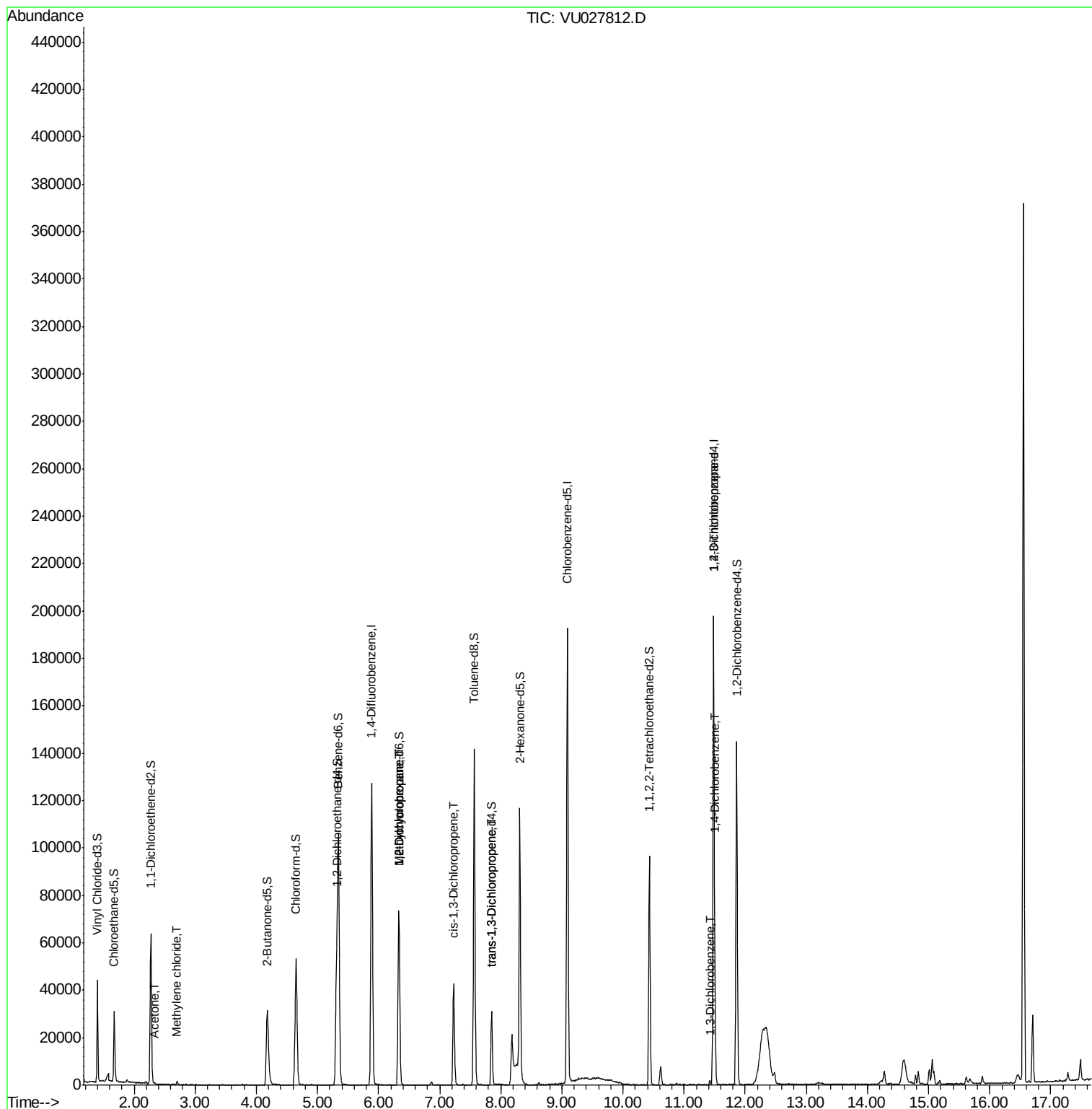
(#) = qualifier out of range (m) = manual integration (+) = signals summed

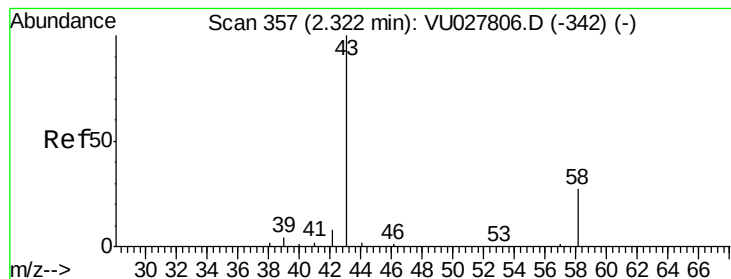
Data File : VU027812.D

```
Acq On       : 25 Oct 2018   20:26
Operator    : MD/SY
Sample      : J5657-01 20X
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ALS Vial    : 10      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 26 02:27:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.758 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027812.D

Acq: 25 Oct 2018 20:26

Instrument :

MSVOA_U

ClientSampled :

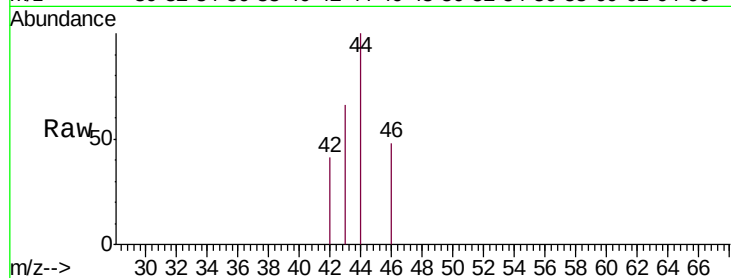
A40G4ME

Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

58 0.0 0.0 57.4

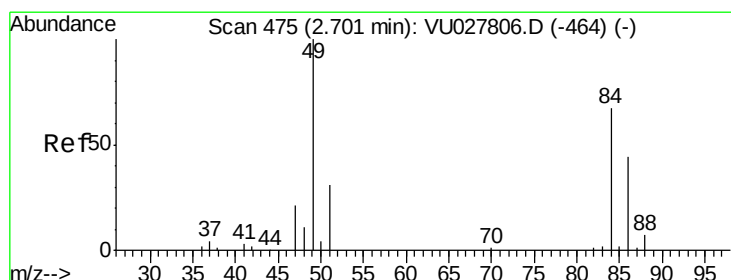
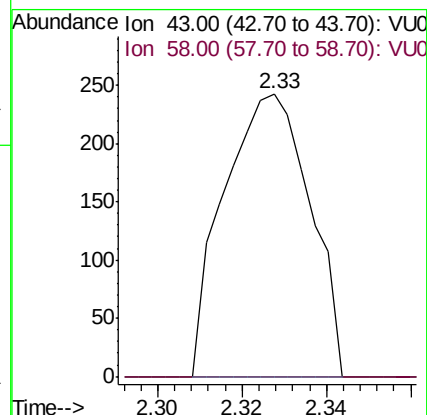
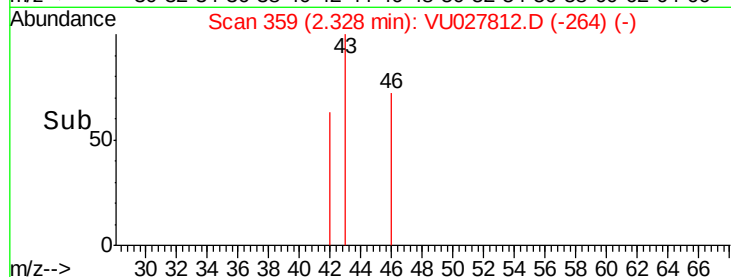


Abundance Ion 43.00 (42.70 to 43.70): VU027812.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027812.D (-264) (-)

2.33

2.34



#16

Methylene chloride

Concen: 0.784 ug/L

RT: 2.71 min Scan# 477

Delta R.T. 0.01 min

Lab File: VU027812.D

Acq: 25 Oct 2018 20:26

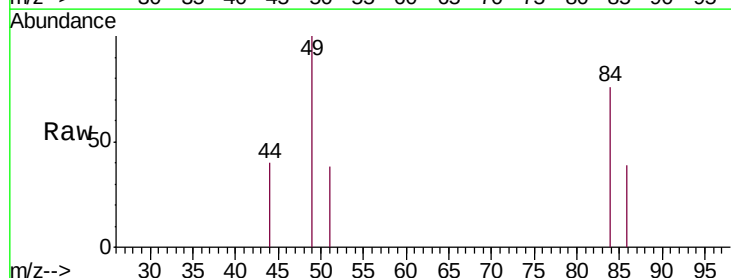
Tgt Ion: 84 Resp: 527

Ion Ratio Lower Upper

84 100

86 51.6 42.8 79.6

49 132.3 100.0 185.6



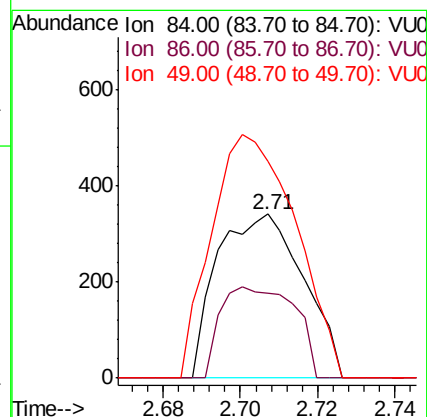
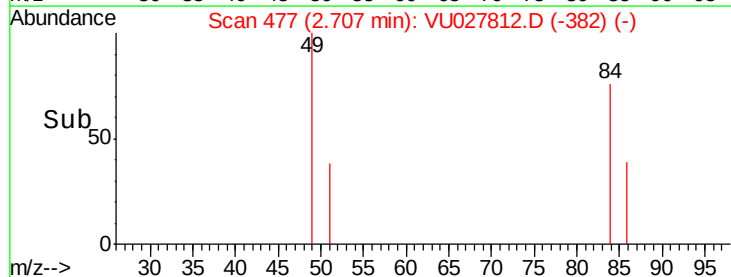
Abundance Ion 84.00 (83.70 to 84.70): VU027812.D (-382) (-)

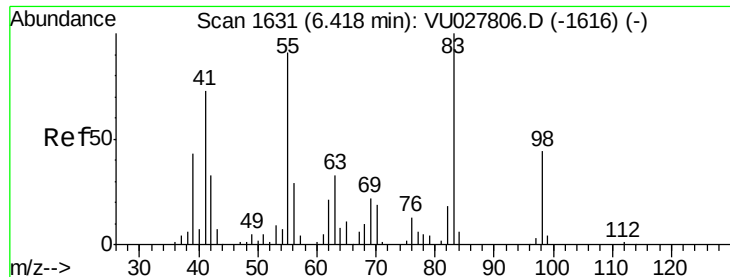
Ion 86.00 (85.70 to 86.70): VU027812.D (-382) (-)

Ion 49.00 (48.70 to 49.70): VU027812.D (-382) (-)

2.71

2.74

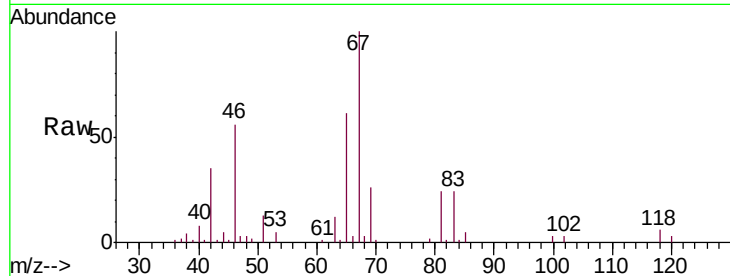




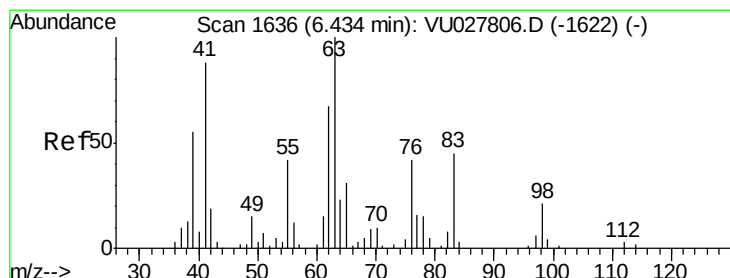
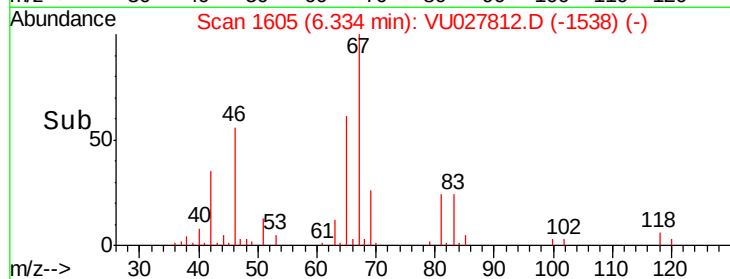
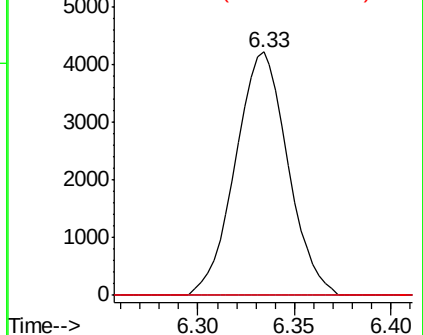
#35
Methylcyclohexane
Concen: 6.626 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027812.D
Acq: 25 Oct 2018 20:26

Instrument :
MSVOA_U
ClientSampled :
A40G4ME

Tgt Ion: 83 Resp: 7963
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.0 34.6 52.0#

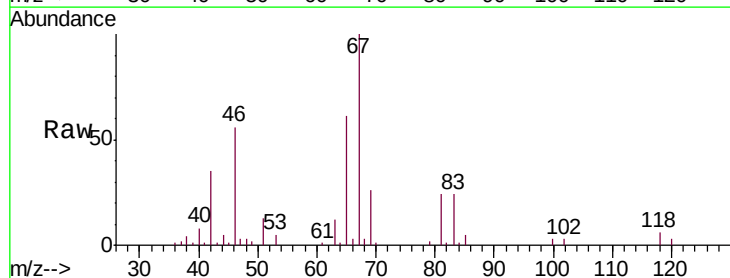


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

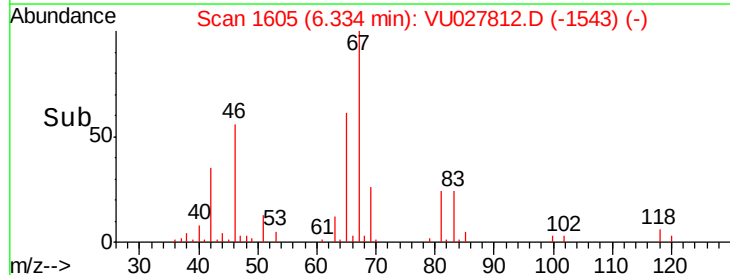
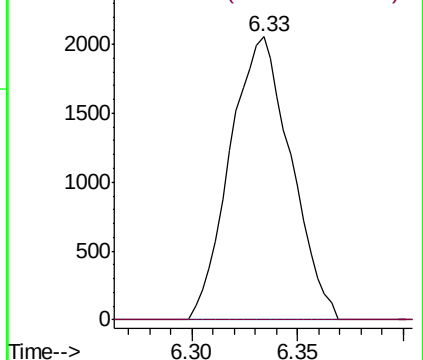


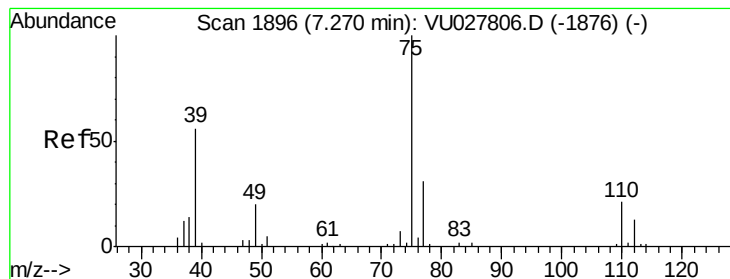
#37
1,2-Dichloropropane
Concen: 5.019 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027812.D
Acq: 25 Oct 2018 20:26

Tgt Ion: 63 Resp: 4116
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



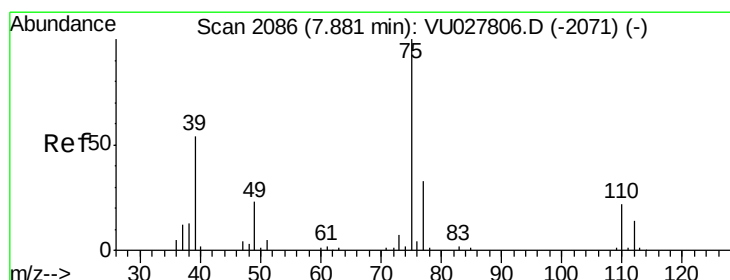
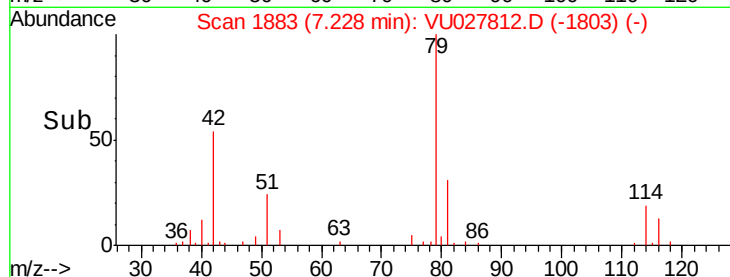
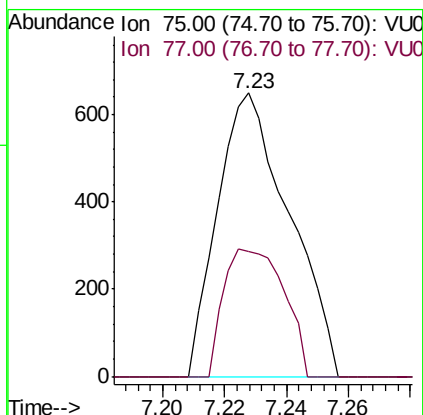
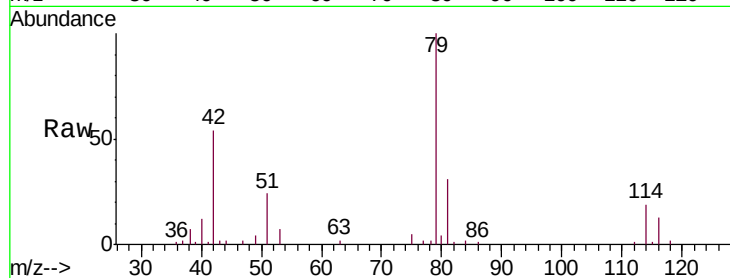


#39

cis-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027812.D
Acq: 25 Oct 2018 20:26

Instrument :
MSVOA_U
ClientSampleId :
A40G4ME

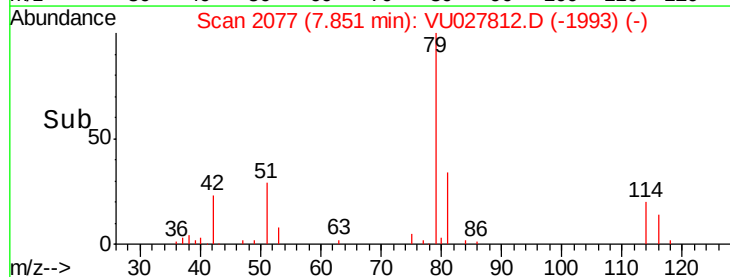
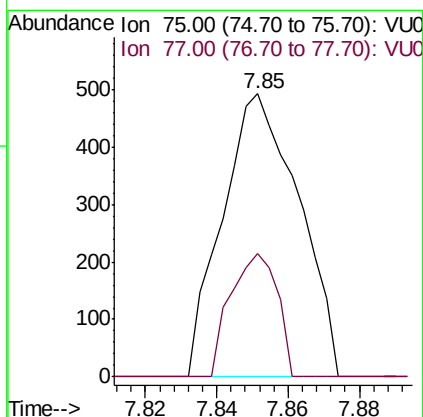
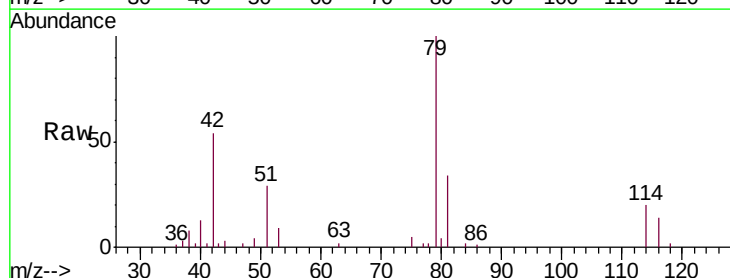
Tgt Ion: 75 Resp: 1048
Ion Ratio Lower Upper
75 100
77 44.2 22.5 41.7#

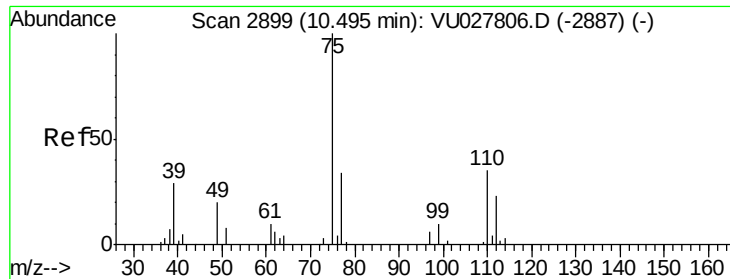


#44

trans-1,3-Dichloropropene
Concen: 0.610 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027812.D
Acq: 25 Oct 2018 20:26

Tgt Ion: 75 Resp: 729
Ion Ratio Lower Upper
75 100
77 43.4 22.8 42.4#

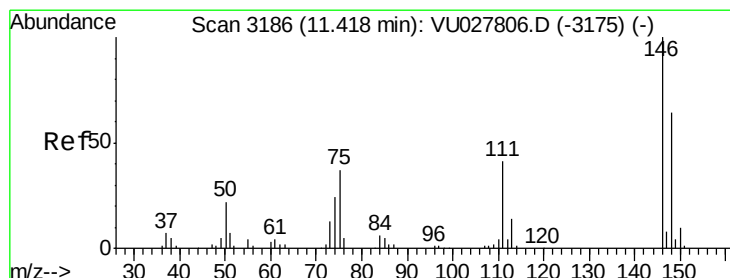
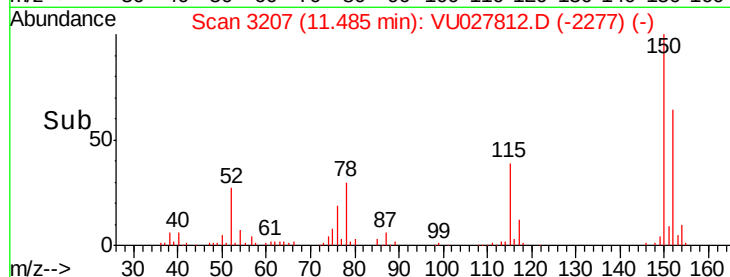
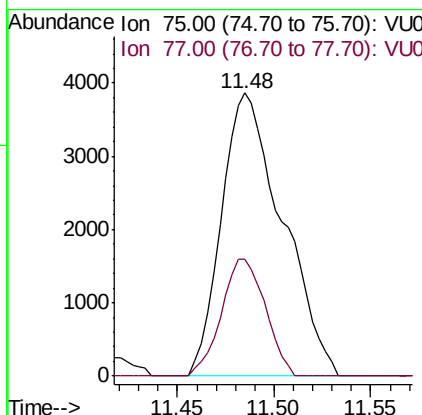
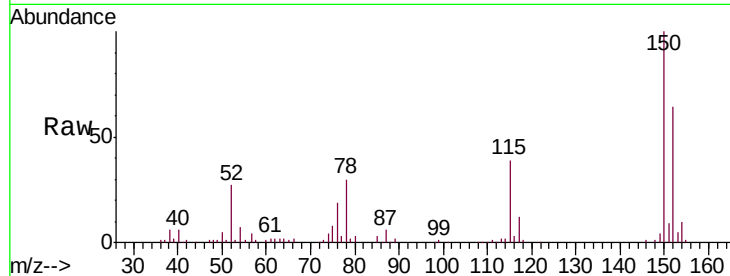




#59
 1,2,3-Trichloropropane
 Concen: 8.717 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027812.D
 Acq: 25 Oct 2018 20:26

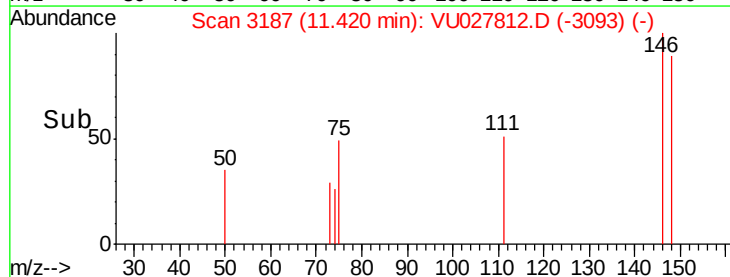
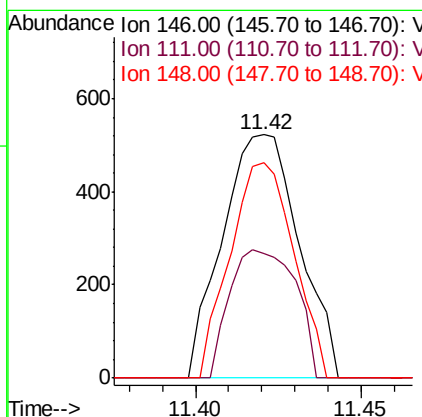
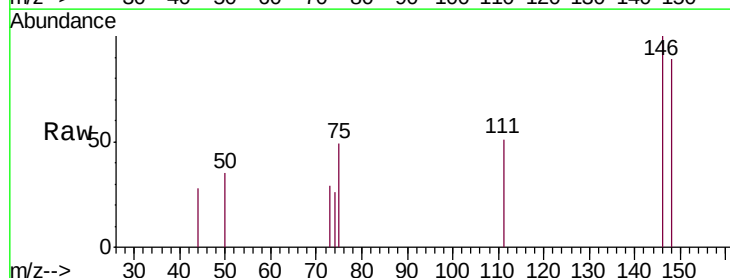
Instrument :
 MSVOA_U
 ClientSampleId :
 A40G4ME

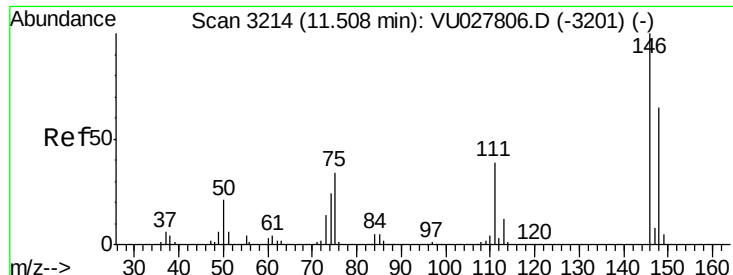
Tgt Ion: 75 Resp: 8449
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.5 39.7



#62
 1,3-Dichlorobenzene
 Concen: 0.597 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027812.D
 Acq: 25 Oct 2018 20:26

Tgt Ion: 146 Resp: 842
 Ion Ratio Lower Upper
 146 100
 111 50.9 28.1 52.3
 148 88.5 43.7 81.1#





#63

1,4-Dichlorobenzene

Concen: 5.154 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027812.D

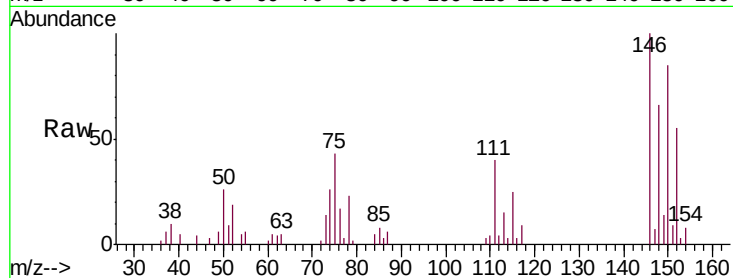
Acq: 25 Oct 2018 20:26

Instrument :

MSVOA_U

ClientSampleId :

A40G4ME



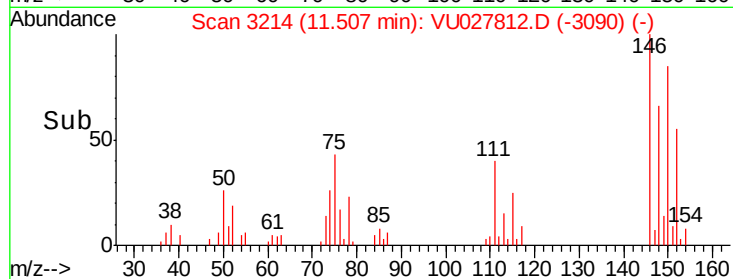
Tgt Ion:146 Resp: 7415

Ion Ratio Lower Upper

146 100

111 40.2 27.5 51.1

148 66.3 44.1 81.9



Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

