

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026782.D
 Acq On : 15 Sep 2018 17:07
 Operator : MD/SY
 Sample : J4920-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KZ0

Quant Time: Sep 17 05:19:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 05:13:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106629	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45078	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46729	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.68	69	38223	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.27	63	64927	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.20	46	101932	47.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	4.65	84	76616	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.31	65	41915	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.34	84	160738	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.33	67	50769	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.57	98	125044	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	15827	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.32	63	64632	46.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	37515	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	46075	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

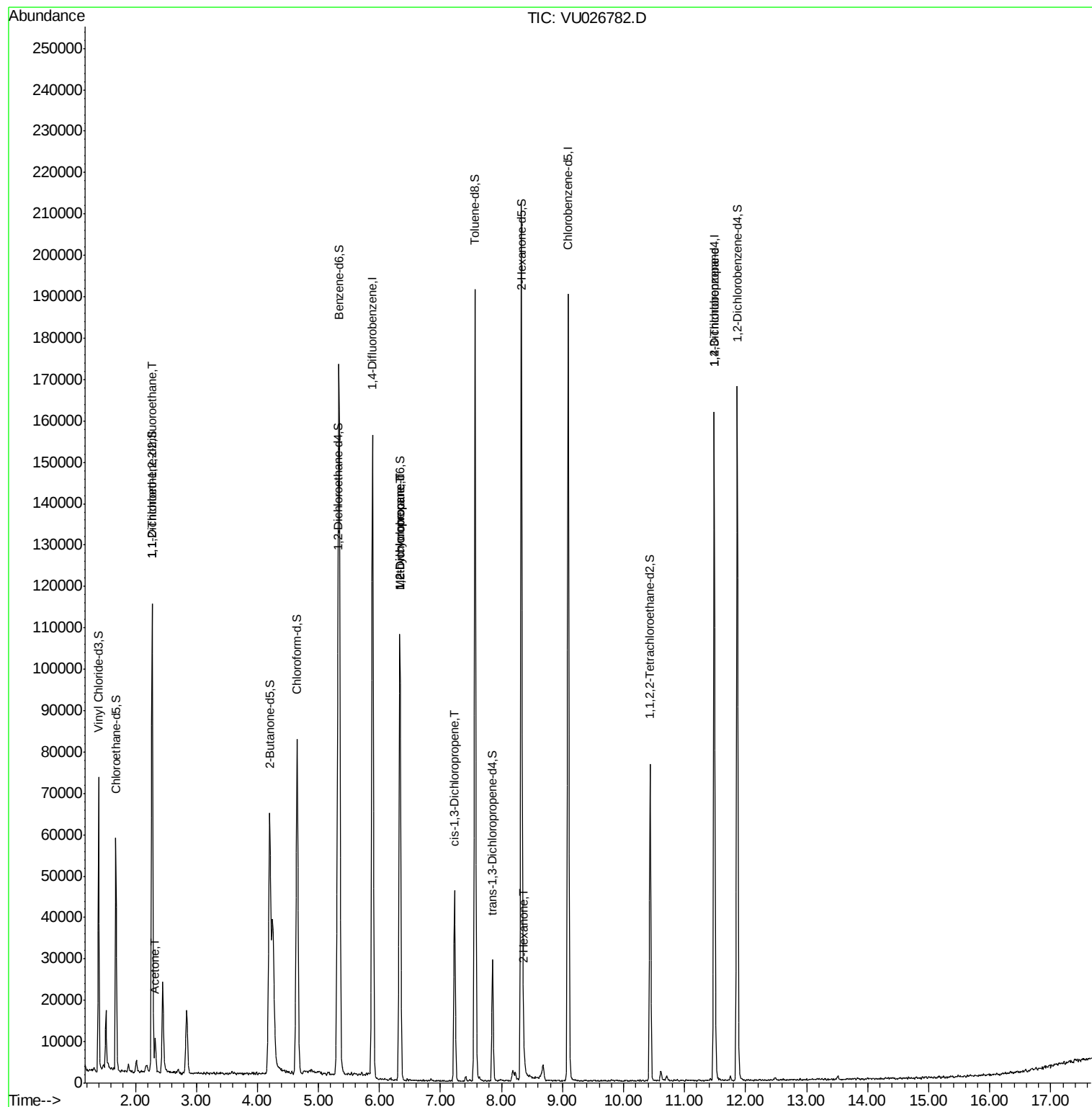
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	586	0.058 ug/L #	18
13) Acetone	2.32	43	7847	4.152 ug/L	97
35) Methylcyclohexane	6.33	83	11939	0.722 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5529	0.522 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1132	0.080 ug/L #	42
48) 2-Hexanone	8.37	43	1344	0.305 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	5060	0.812 ug/L	92

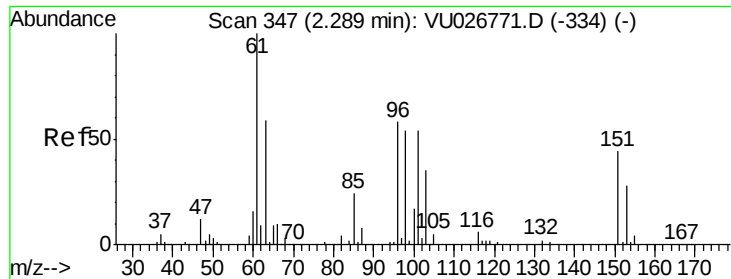
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.058 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026782.D

Acq: 15 Sep 2018 17:07

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MSVOA_U

ClientSampleId :

C0KZ0

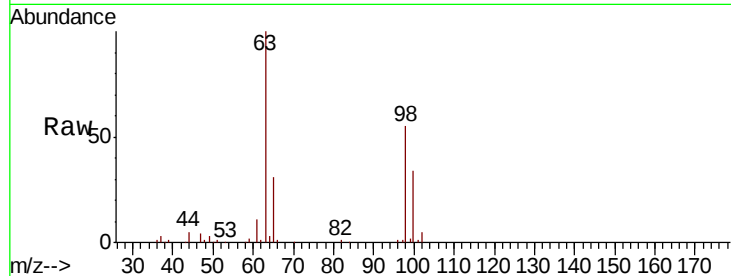
Tgt Ion:101 Resp: 586

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

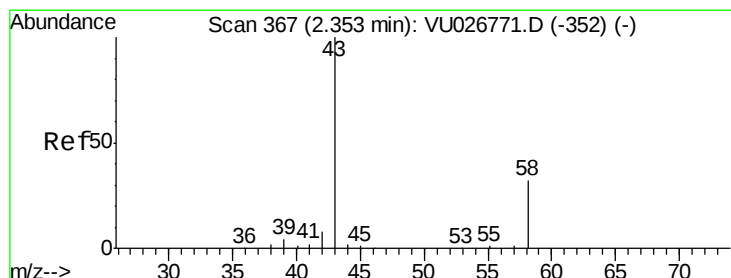
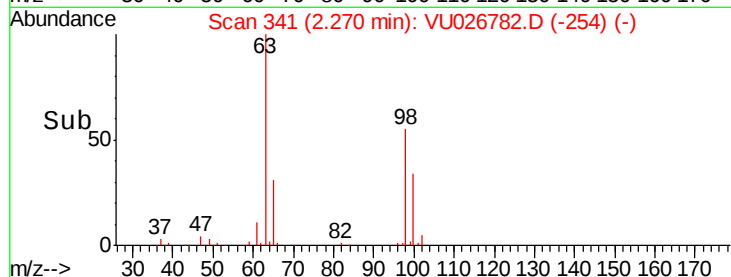
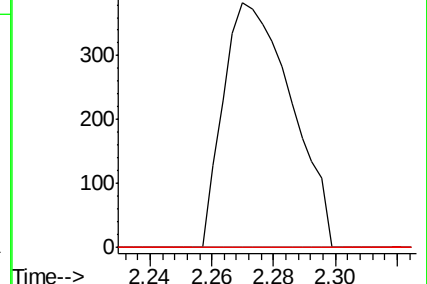
151 0.0 63.3 94.9#



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: 4.152 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU026782.D

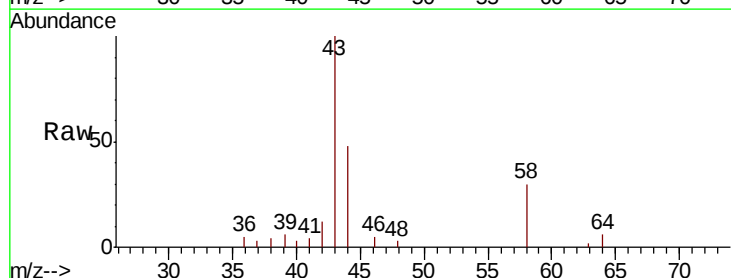
Acq: 15 Sep 2018 17:07

Tgt Ion: 43 Resp: 7847

Ion Ratio Lower Upper

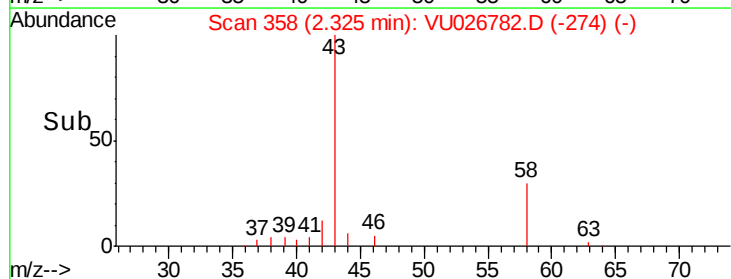
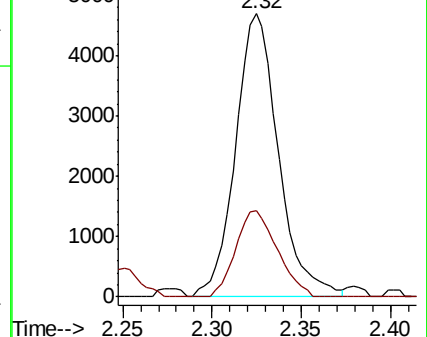
43 100

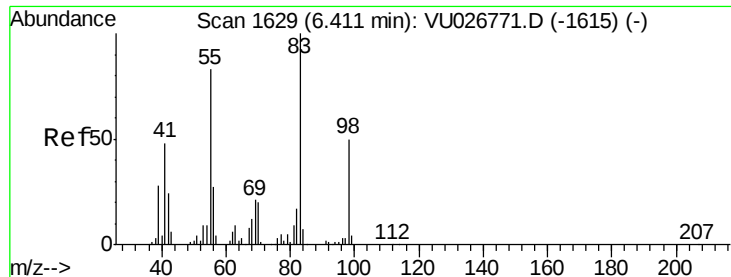
58 29.6 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#35

Methylcyclohexane

Concen: 0.722 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026782.D

Acq: 15 Sep 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

C0KZ0

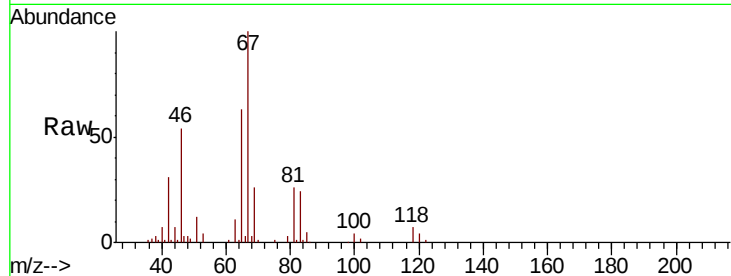
Tgt Ion: 83 Resp: 11939

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

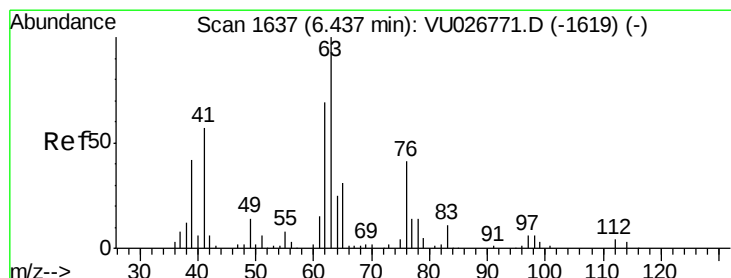
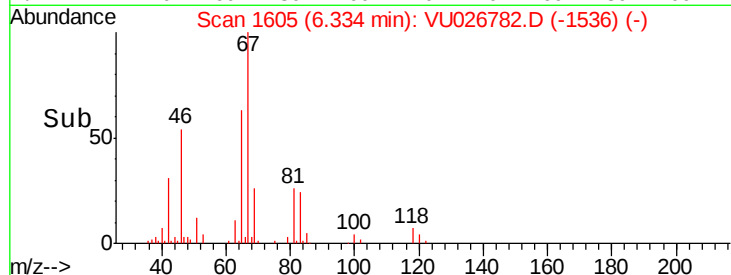
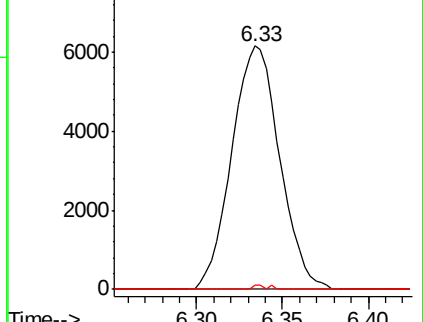
98 0.5 39.3 58.9#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.522 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026782.D

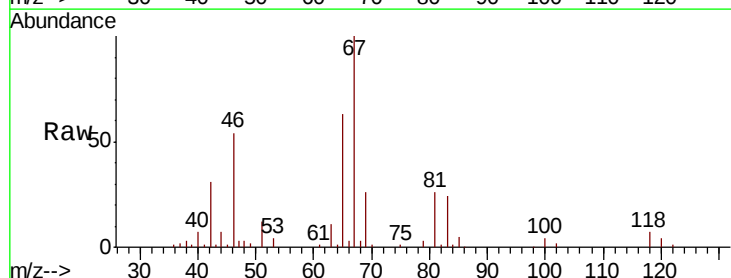
Acq: 15 Sep 2018 17:07

Tgt Ion: 63 Resp: 5529

Ion Ratio Lower Upper

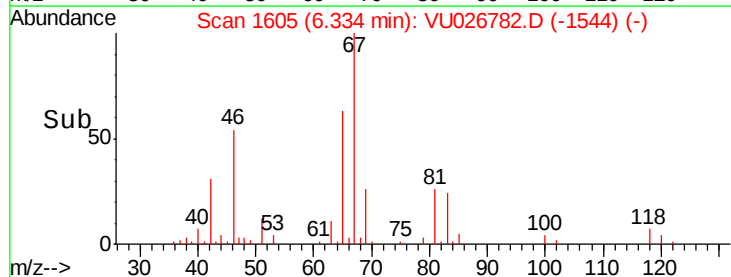
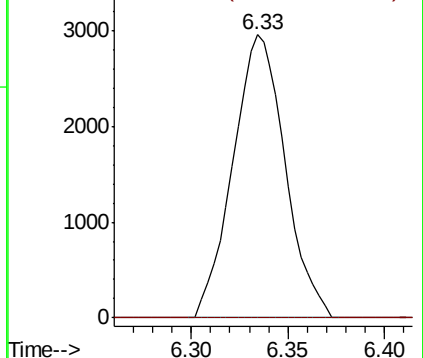
63 100

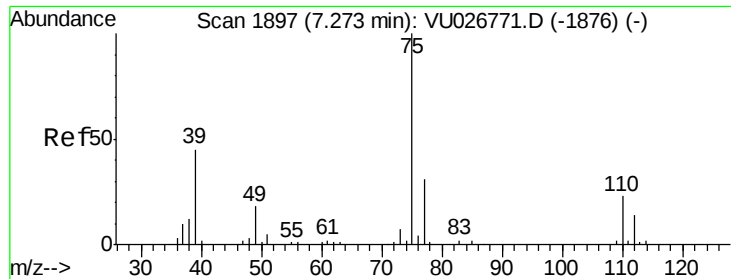
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

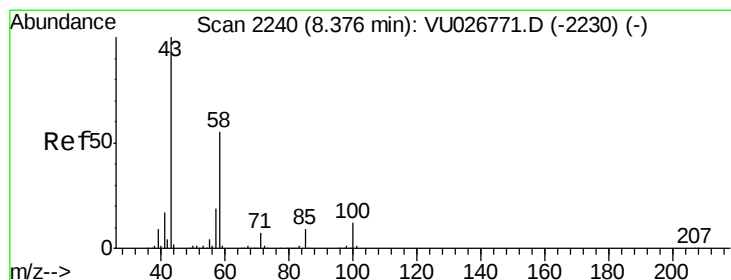
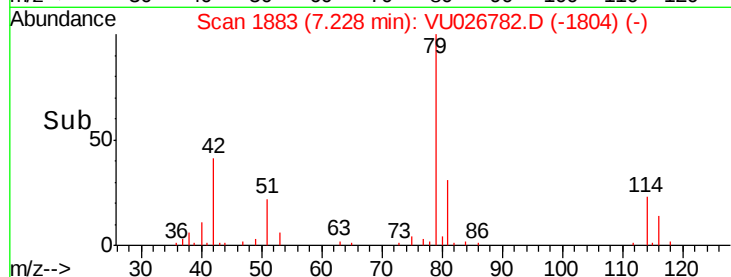
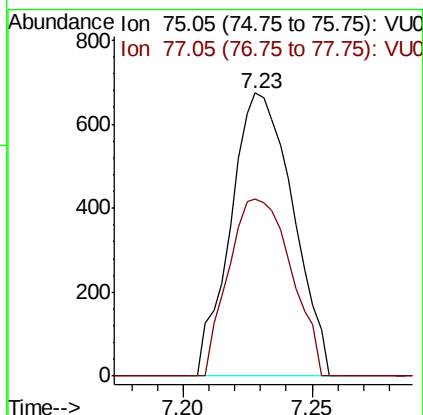
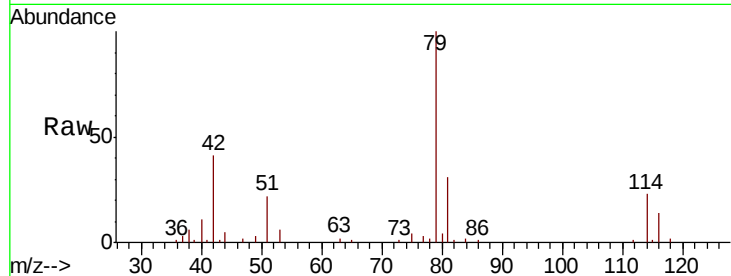




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026782.D
 Acq: 15 Sep 2018 17:07

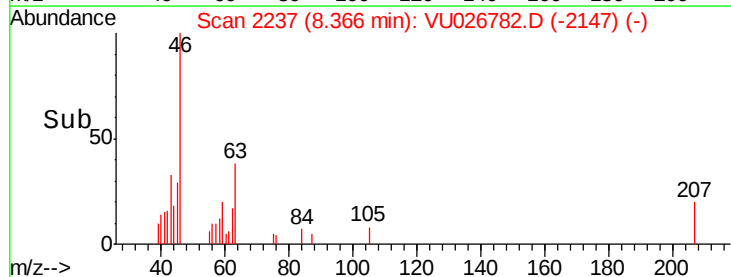
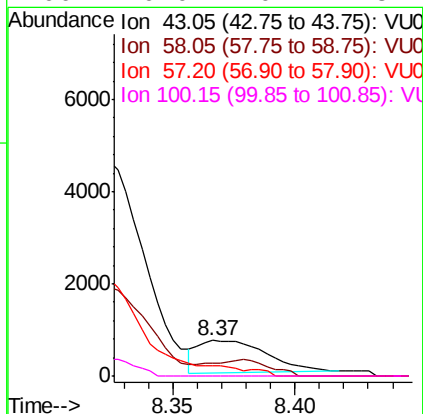
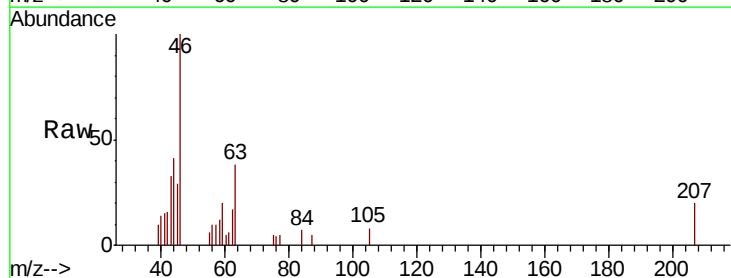
Instrument :
 MSVOA_U
 ClientSampleId :
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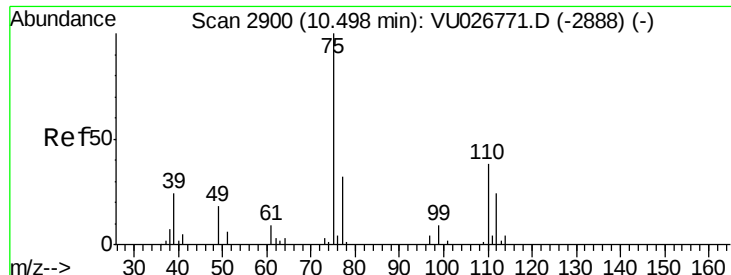
Tgt Ion: 75 Resp: 1132
 Ion Ratio Lower Upper
 75 100
 77 62.6 21.7 40.3#



#48
 2-Hexanone
 Concen: 0.305 ug/L
 RT: 8.37 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: VU026782.D
 Acq: 15 Sep 2018 17:07

Tgt Ion: 43 Resp: 1344
 Ion Ratio Lower Upper
 43 100
 58 43.2 43.7 65.5#
 57 0.0 15.2 22.8#
 100 0.0 10.1 15.1#





#59

1,2,3-Trichloropropane

Concen: 0.812 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026782.D

Acq: 15 Sep 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

C0KZ0

Tgt Ion: 75 Resp: 5060

Ion Ratio Lower Upper

75 100

77 36.9 25.9 38.9

