

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026783.D
 Acq On : 15 Sep 2018 17:33
 Operator : MD/SY
 Sample : J4920-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KZ1

Quant Time: Sep 17 05:19:56 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	126276	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106704	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48672	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.68	69	39486	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.27	63	66672	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.20	46	103876	49.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.14%
24) Chloroform-d	4.65	84	79056	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.31	65	43164	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	164711	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.33	67	53030	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.57	98	129509	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	15939	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.32	63	64728	46.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	37392	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	46516	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

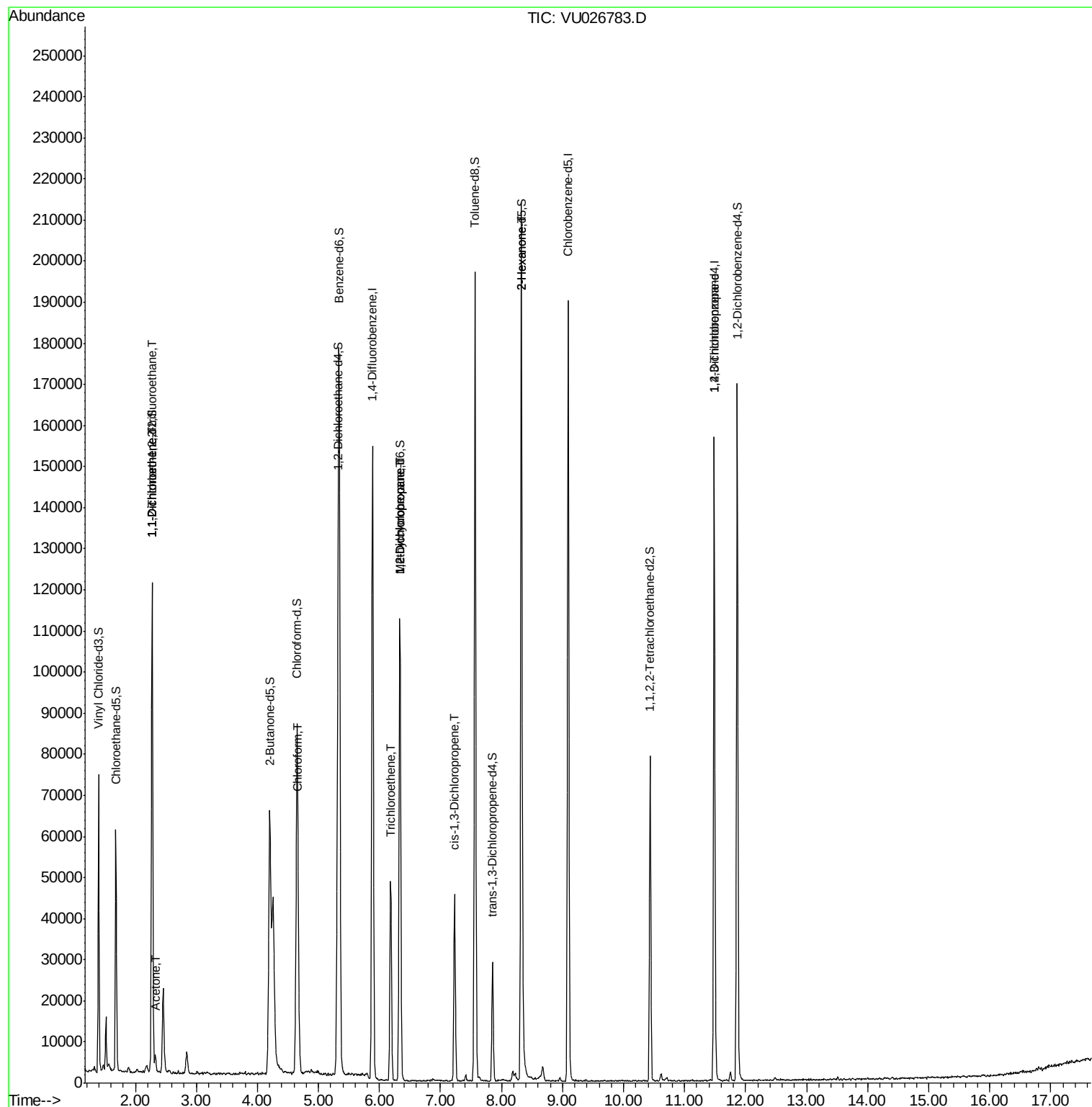
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	621	0.062	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	1080	0.115	ug/L #	1
13) Acetone	2.32	43	3665	1.947	ug/L	97
25) Chloroform	4.67	83	8056	0.433	ug/L	98
34) Trichloroethene	6.18	95	16461	1.617	ug/L	98
35) Methylcyclohexane	6.33	83	12445	0.752	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5515	0.520	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1002	0.070	ug/L #	52
48) 2-Hexanone	8.32	43	9207	2.085	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	5105	0.819	ug/L	96

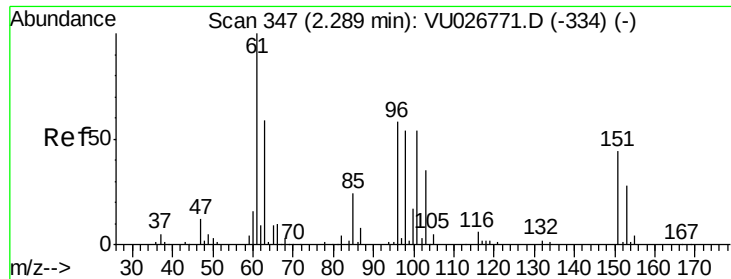
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.062 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026783.D

Acq: 15 Sep 2018 17:33

Instrument :

MSVOA_U

ClientSampleId :

C0KZ1

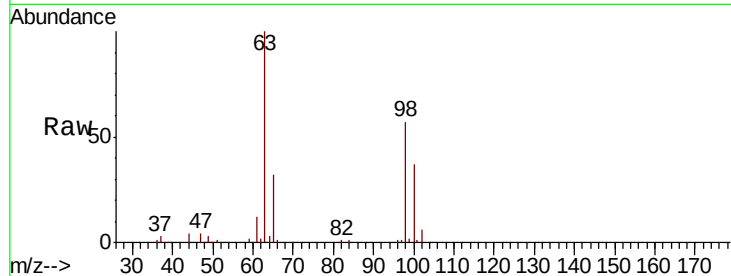
Tgt Ion: 101 Resp: 621

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

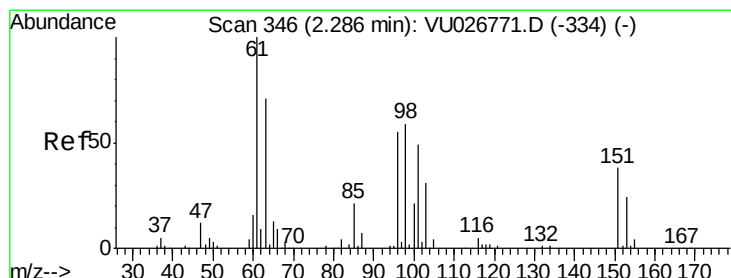
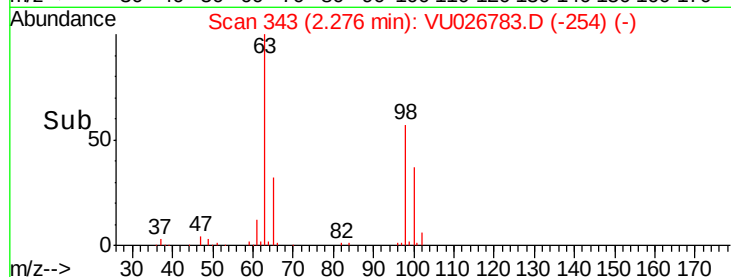
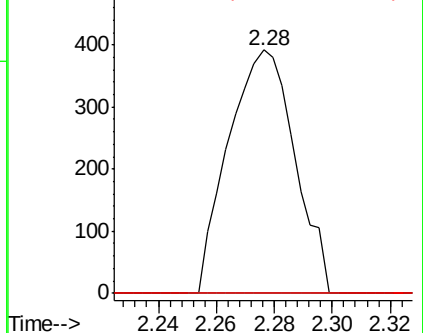
151 0.0 63.3 94.9#



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



#12

1,1-Dichloroethene

Concen: 0.115 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU026783.D

Acq: 15 Sep 2018 17:33

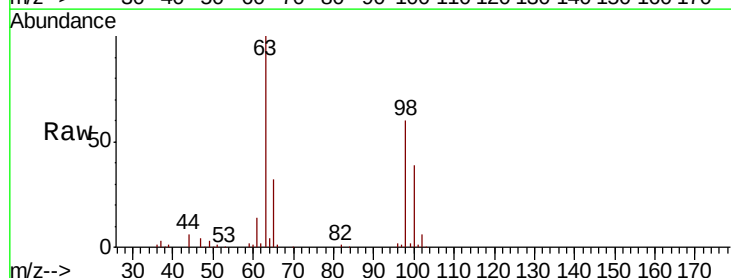
Tgt Ion: 96 Resp: 1080

Ion Ratio Lower Upper

96 100

61 695.6 126.6 235.2#

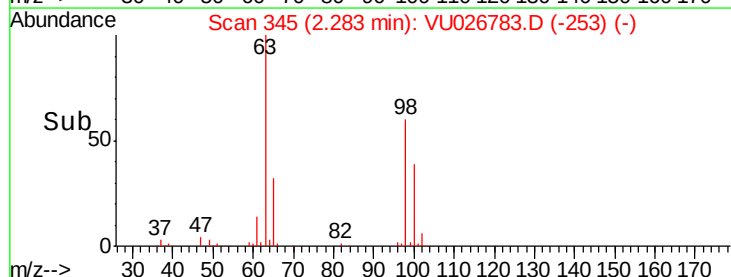
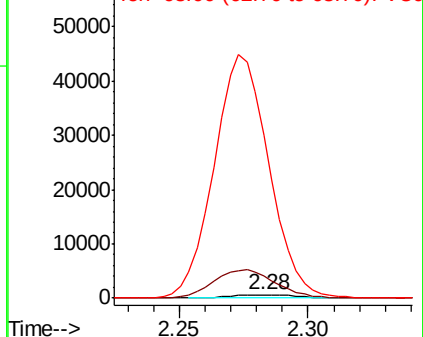
63 5082.0 91.3 169.5#

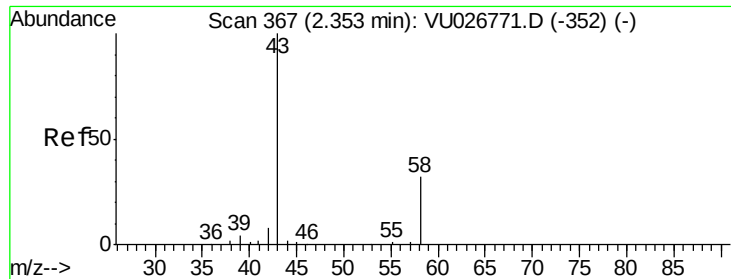


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.947 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU026783.D

Acq: 15 Sep 2018 17:33

Instrument :

MSVOA_U

ClientSampled :

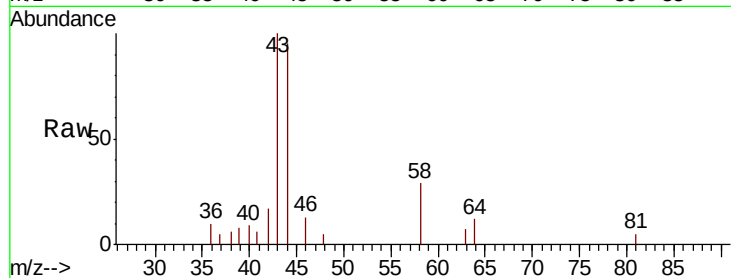
C0KZ1

Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

43 100

58 29.7 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU026771.D (-352) (-)

Ion 58.05 (57.75 to 58.75): VU026771.D (-352) (-)

2.32

2000

1500

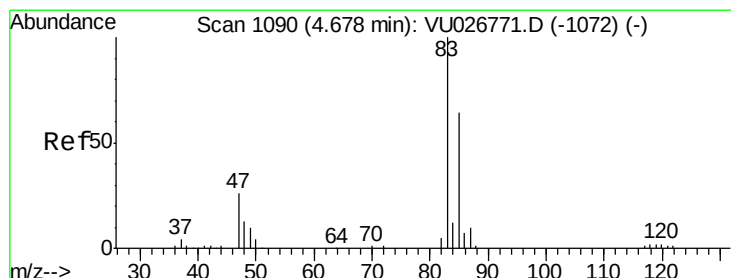
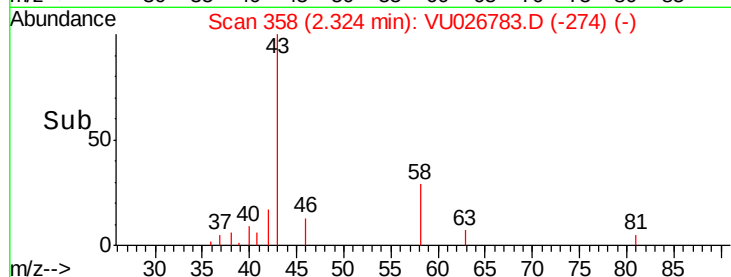
1000

500

0

2.30 2.35 2.40

Time-->



#25

Chloroform

Concen: 0.433 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU026783.D

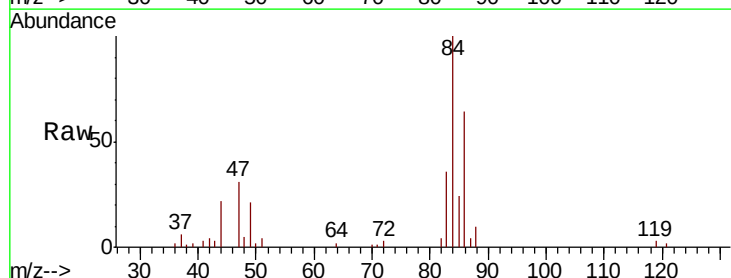
Acq: 15 Sep 2018 17:33

Tgt Ion: 83 Resp: 8056

Ion Ratio Lower Upper

83 100

85 65.9 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VU026771.D (-1072) (-)

Ion 85.00 (84.70 to 85.70): VU026771.D (-1072) (-)

4.67

4000

3000

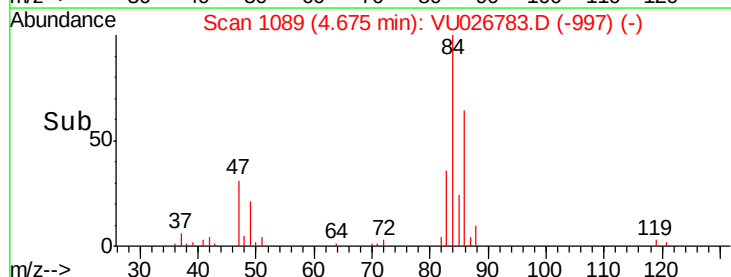
2000

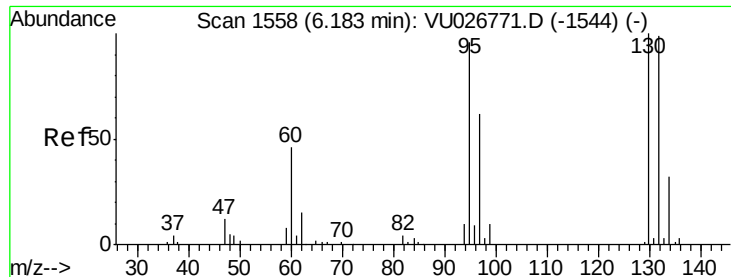
1000

0

4.60 4.65 4.70 4.75

Time-->





#34

Trichloroethene

Concen: 1.617 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU026783.D

Acq: 15 Sep 2018 17:33

Instrument :

MSVOA_U

ClientSampleId :

C0KZ1

Tgt Ion: 95 Resp: 16461

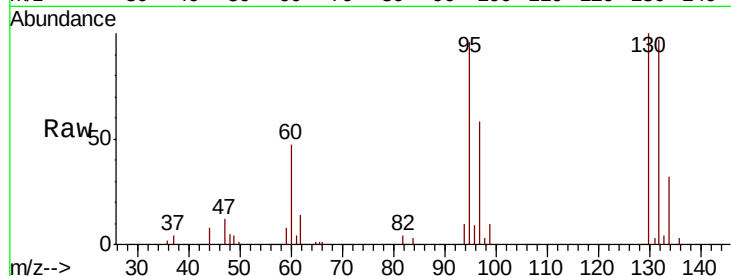
Ion Ratio Lower Upper

95 100

97 60.8 45.1 83.9

132 100.5 72.0 133.8

130 104.0 73.1 135.7

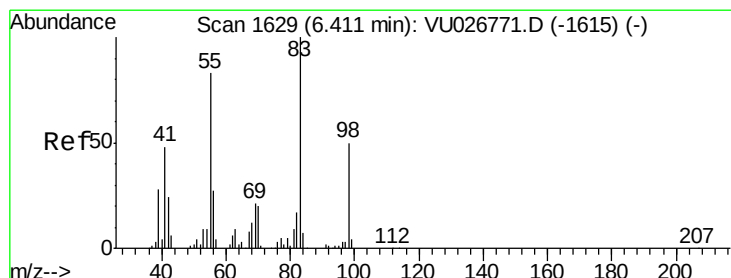
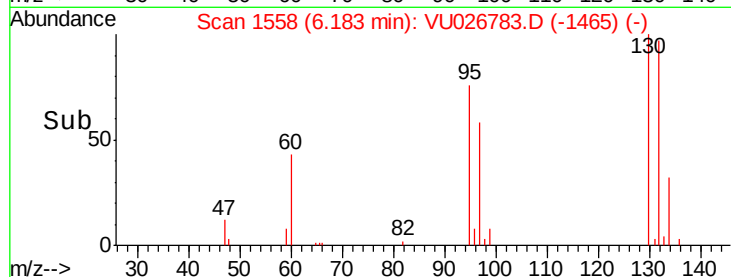
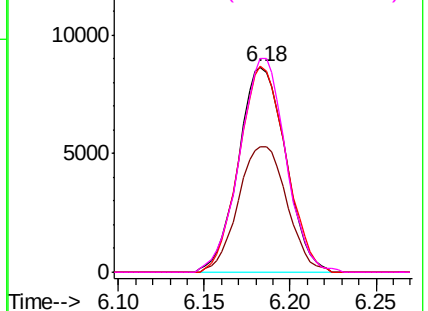


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026783.D

Acq: 15 Sep 2018 17:33

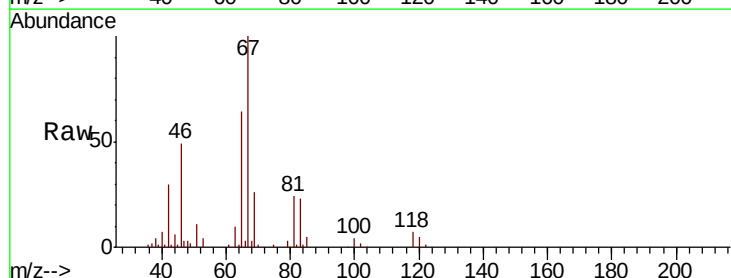
Tgt Ion: 83 Resp: 12445

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

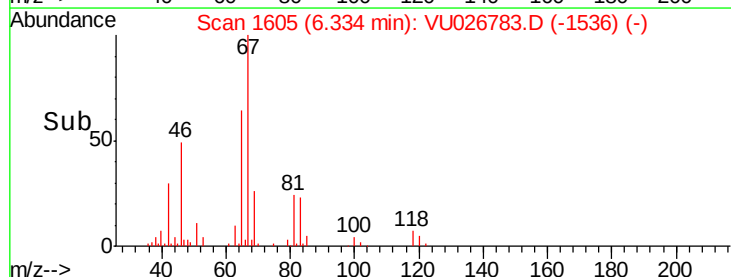
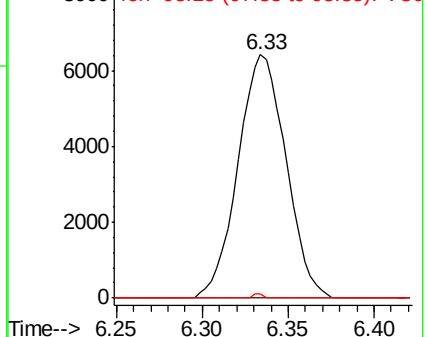
98 0.4 39.3 58.9#

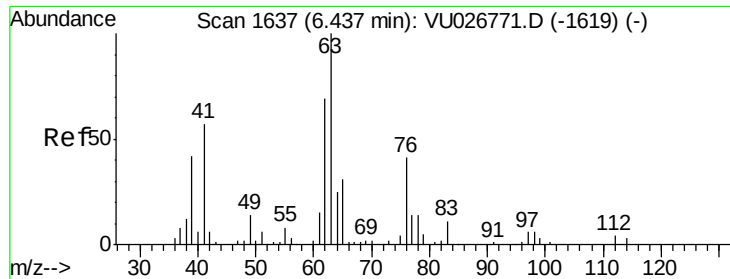


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

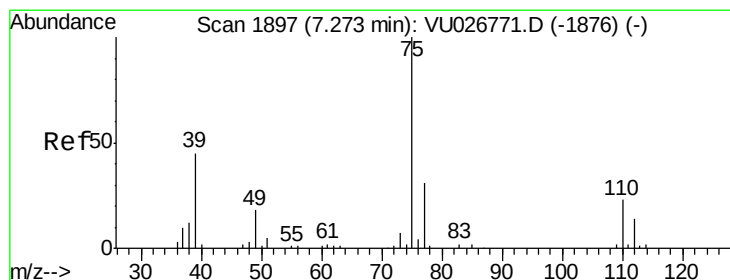
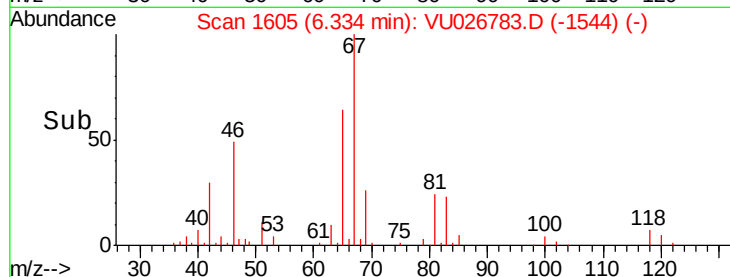
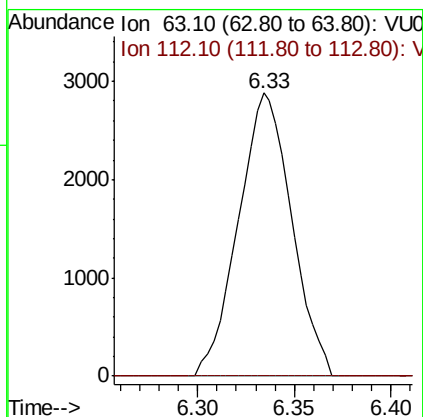
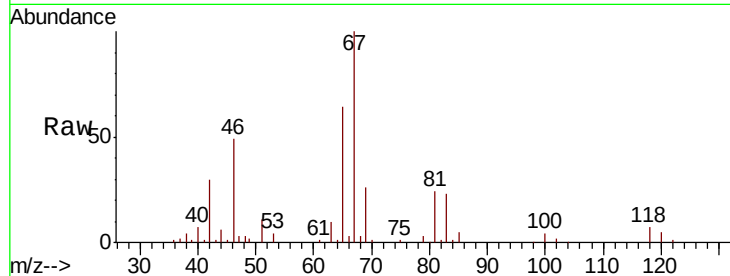




#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026783.D
 Acq: 15 Sep 2018 17:33

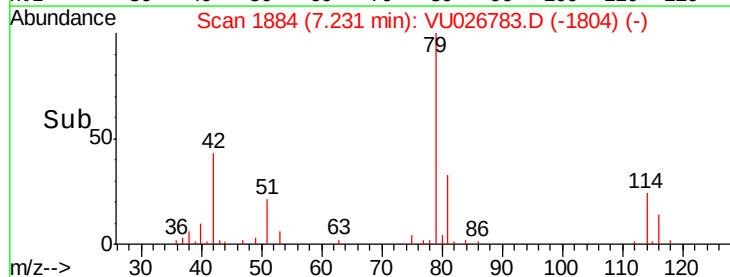
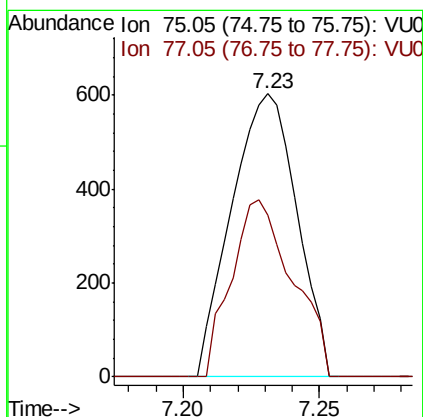
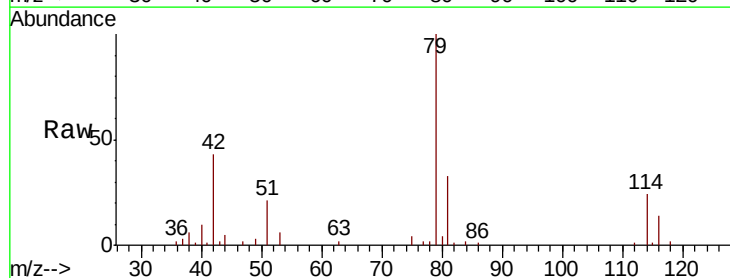
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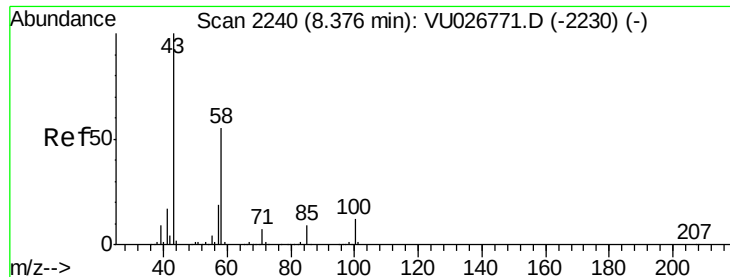
Tgt Ion: 63 Resp: 5515
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026783.D
 Acq: 15 Sep 2018 17:33

Tgt Ion: 75 Resp: 1002
 Ion Ratio Lower Upper
 75 100
 77 57.4 21.7 40.3#

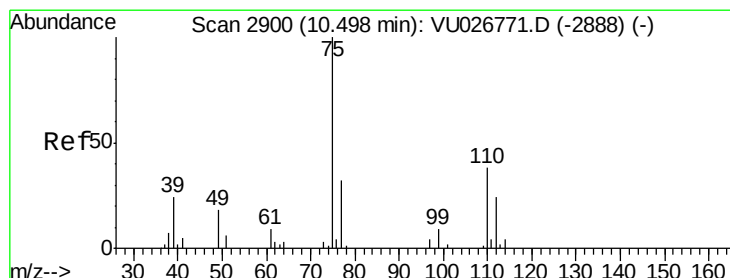
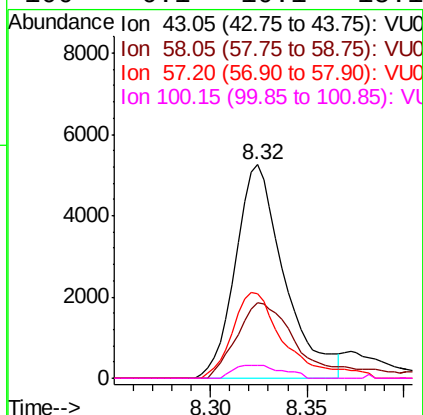
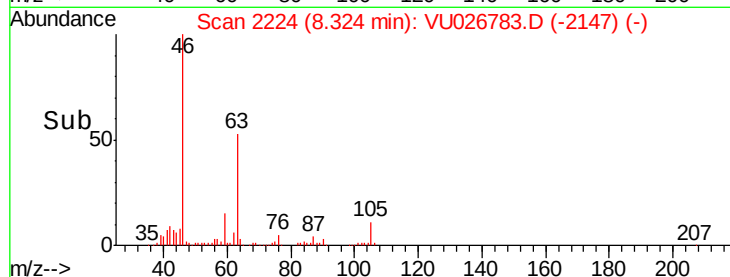
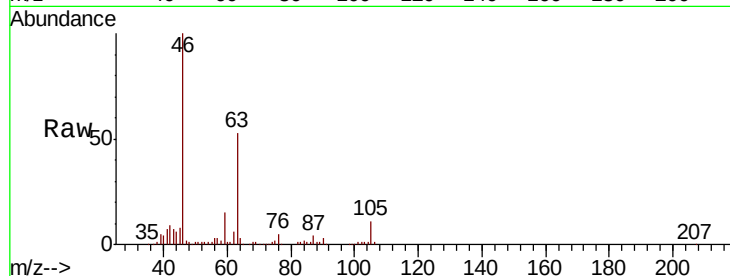




#48
 2-Hexanone
 Concen: 2.085 ug/L
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.05 min
 Lab File: VU026783.D
 Acq: 15 Sep 2018 17:33

Instrument :
 MSVOA_U
 ClientSampled :
 C0KZ1

Tgt Ion: 43 Resp: 9207
 Ion Ratio Lower Upper
 43 100
 58 45.4 43.7 65.5
 57 42.7 15.2 22.8#
 100 6.1 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.819 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026783.D
 Acq: 15 Sep 2018 17:33

Tgt Ion: 75 Resp: 5105
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.9 38.9

