

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026809.D
 Acq On : 16 Sep 2018 05:40
 Operator : MD/SY
 Sample : J4918-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY6

Quant Time: Sep 17 07:15:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	120030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	98223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42886	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.68	69	37425	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.28	63	62451	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.20	46	98887	49.15	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	4.65	84	74438	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	40501	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.34	84	156336	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	6.33	67	48534	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.57	98	113067	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	13136	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.32	63	57407	44.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35329	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	41670	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

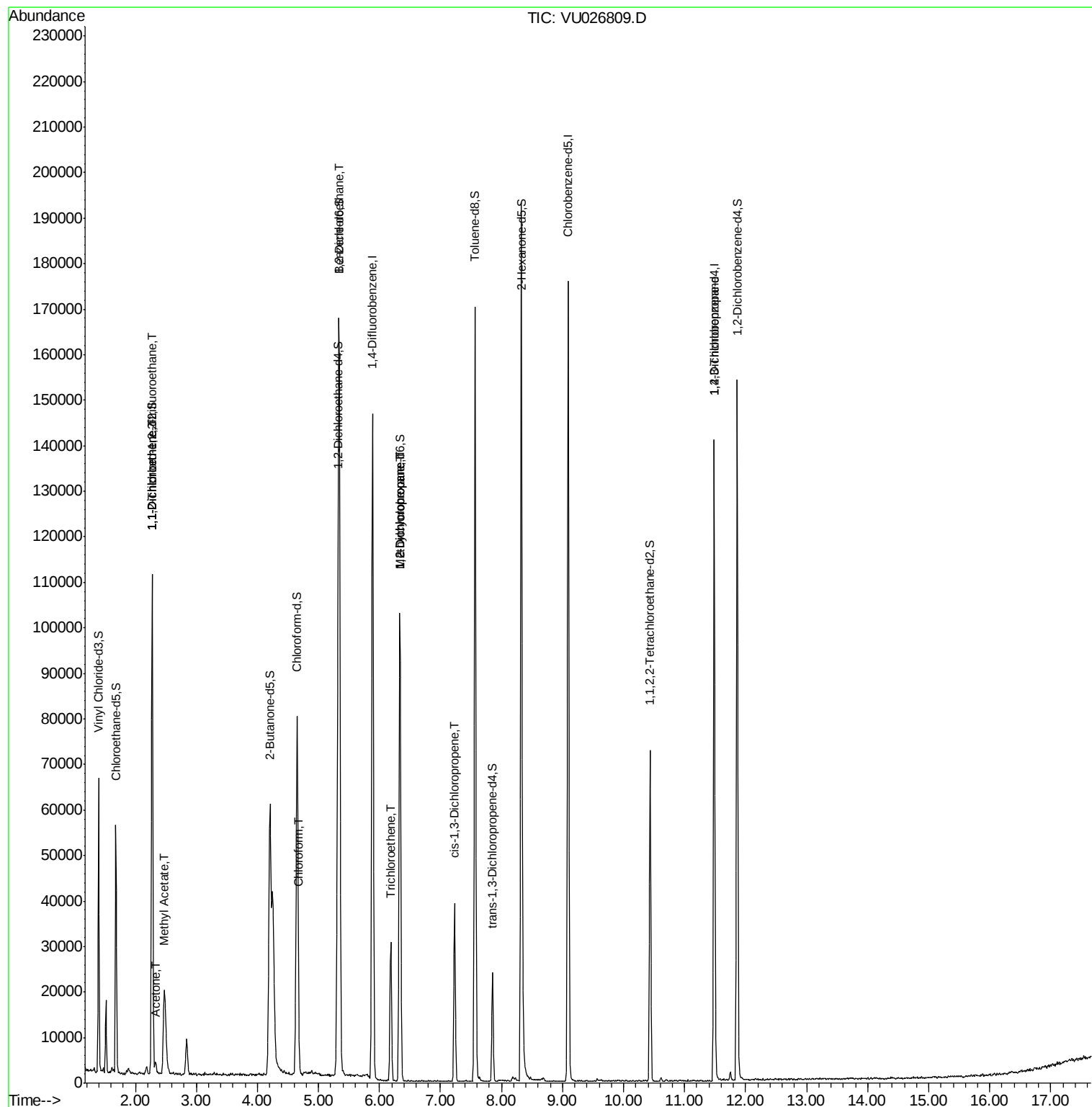
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	533	0.056	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	1047	0.117	ug/L #	1
13) Acetone	2.33	43	2113	1.181	ug/L	84
15) Methyl Acetate	2.48	43	8501	1.811	ug/L #	52
25) Chloroform	4.68	83	823	0.047	ug/L	99
27) 1,2-Dichloroethane	5.34	62	929	0.082	ug/L #	73
34) Trichloroethene	6.18	95	10379	1.108	ug/L	97
35) Methylcyclohexane	6.34	83	11631	0.764	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	5213	0.534	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	870	0.066	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	4425	0.771	ug/L #	88

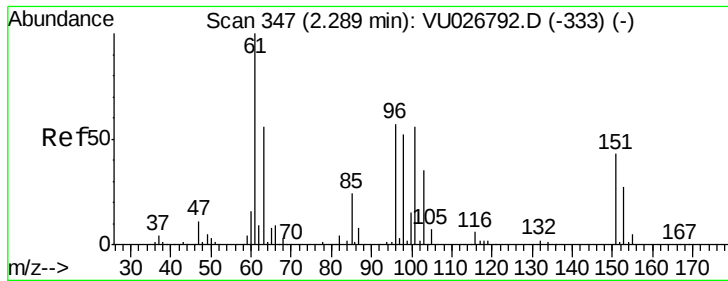
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.056 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026809.D

Acq: 16 Sep 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

C0KY6

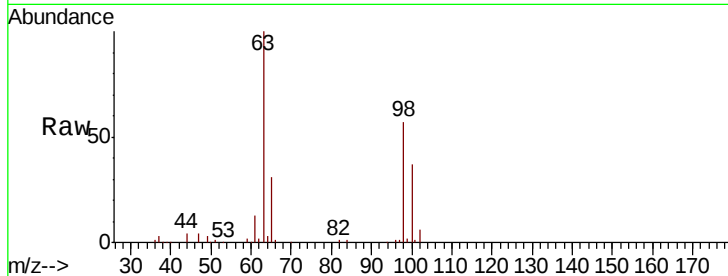
Tgt Ion: 101 Resp: 533

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

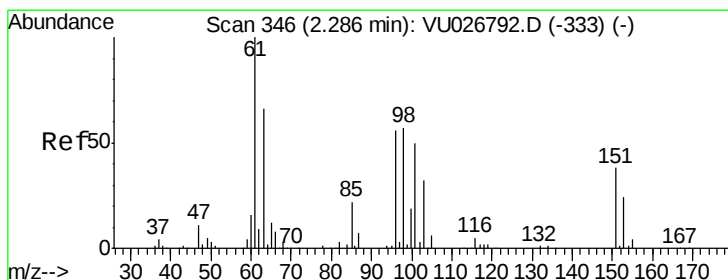
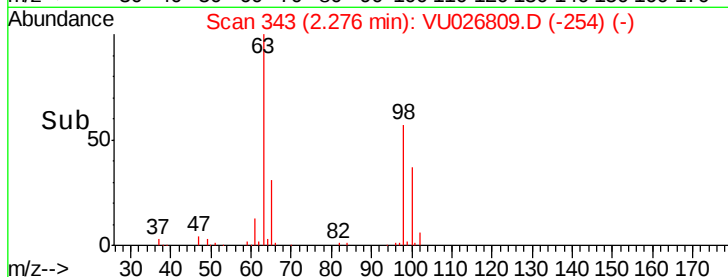
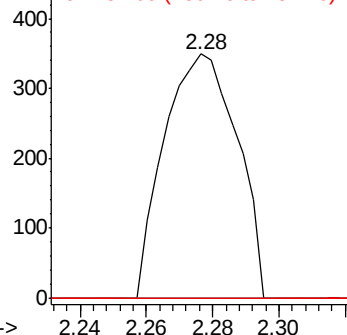
151 0.0 63.3 94.9#



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: 0.117 ug/L

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU026809.D

Acq: 16 Sep 2018 05:40

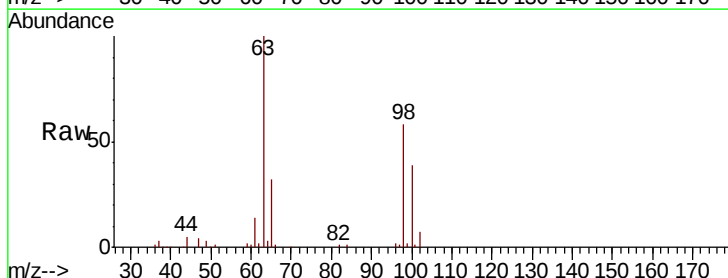
Tgt Ion: 96 Resp: 1047

Ion Ratio Lower Upper

96 100

61 680.9 126.6 235.2#

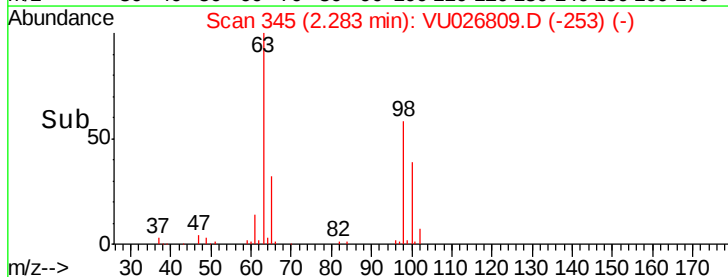
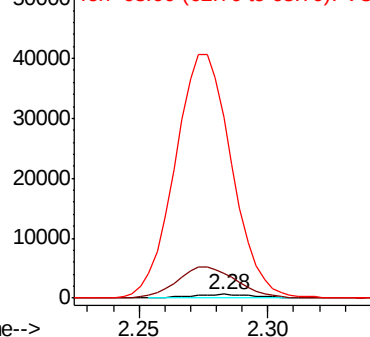
63 4873.7 91.3 169.5#

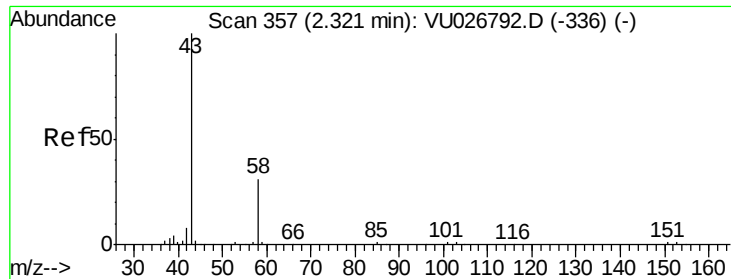


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.181 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.03 min

Lab File: VU026809.D

Acq: 16 Sep 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

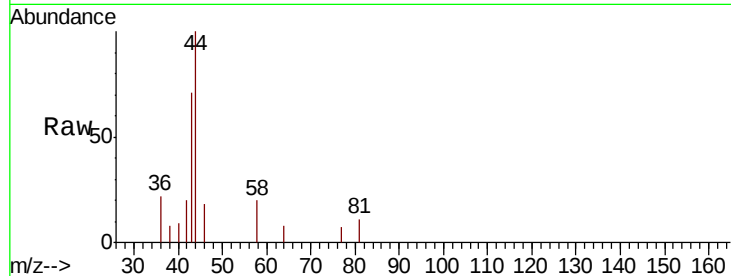
C0KY6

Tgt Ion: 43 Resp: 2113

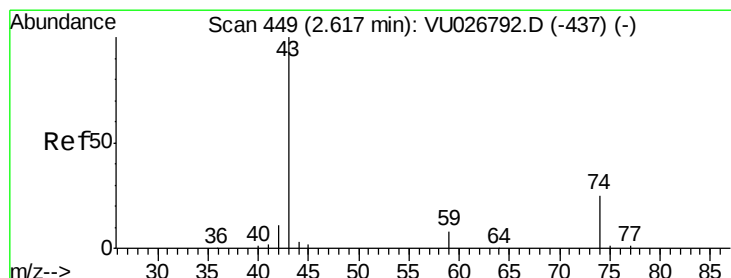
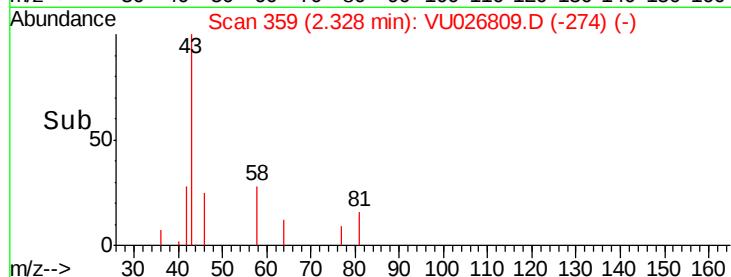
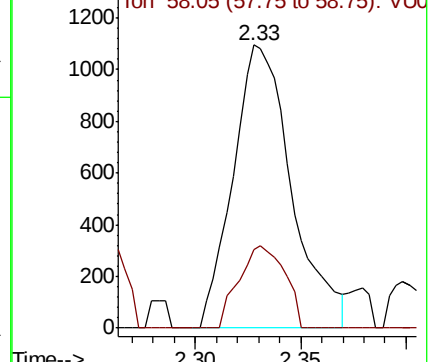
Ion Ratio Lower Upper

43 100

58 22.6 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0



#15

Methyl Acetate

Concen: 1.811 ug/L

RT: 2.48 min Scan# 406

Delta R.T. -0.15 min

Lab File: VU026809.D

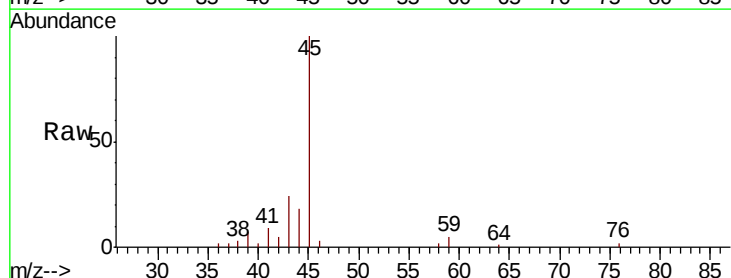
Acq: 16 Sep 2018 05:40

Tgt Ion: 43 Resp: 8501

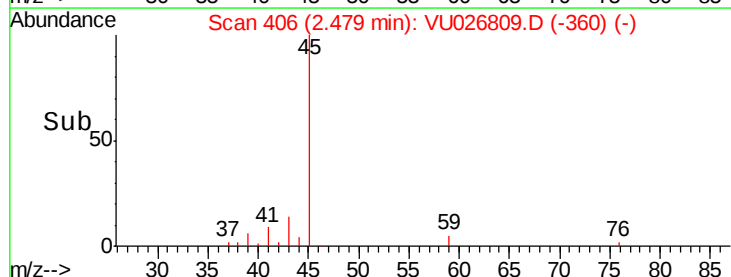
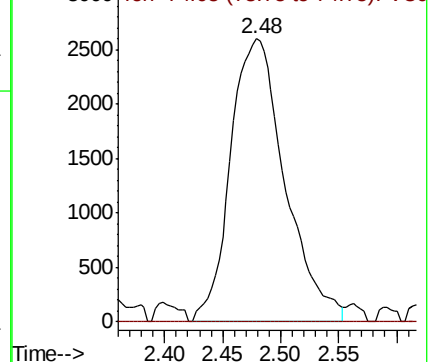
Ion Ratio Lower Upper

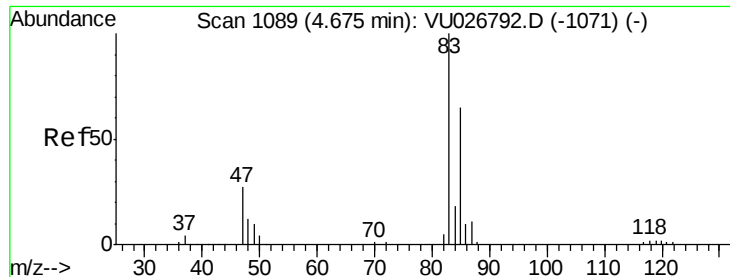
43 100

74 0.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

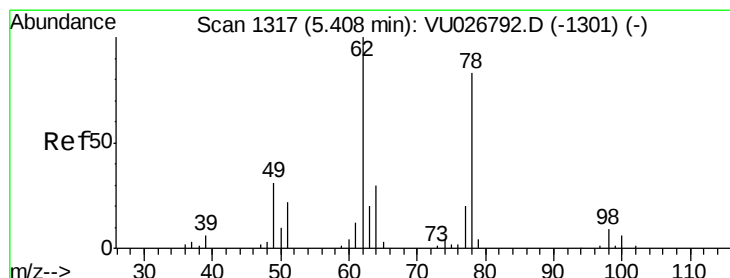
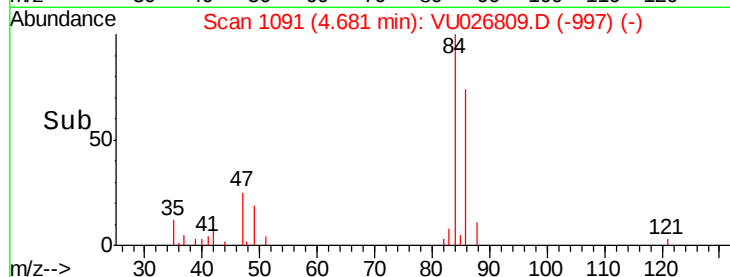
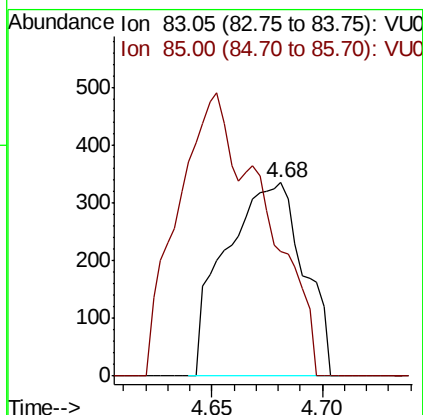
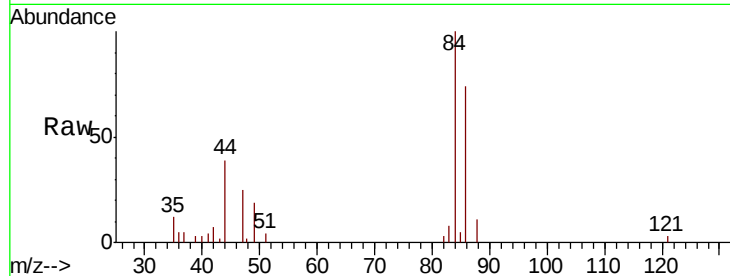




#25
Chloroform
Concen: 0.047 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU026809.D
Acq: 16 Sep 2018 05:40

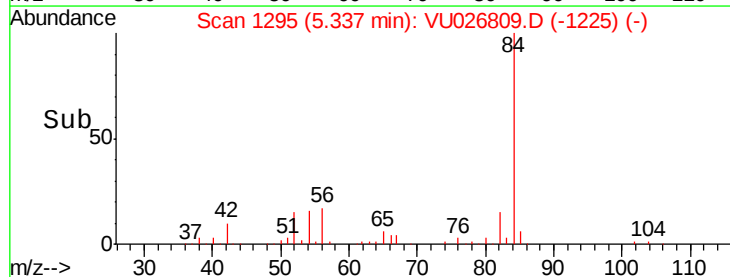
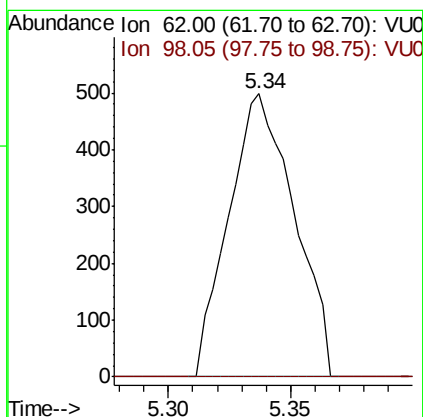
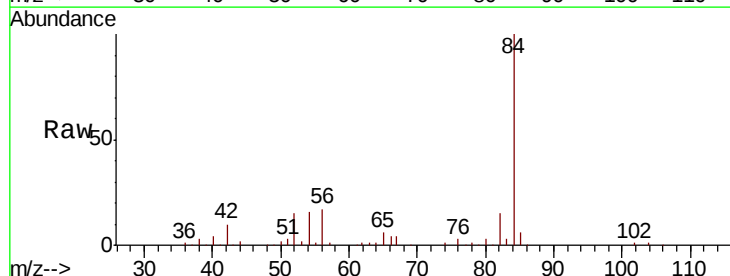
Instrument :
MSVOA_U
ClientSampled :
C0KY6

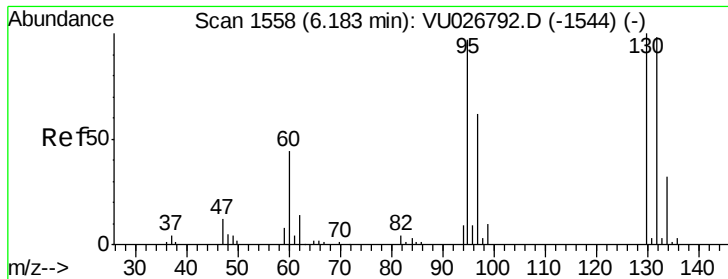
Tgt Ion: 83 Resp: 823
Ion Ratio Lower Upper
83 100
85 64.5 44.8 83.2



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.34 min Scan# 1295
Delta R.T. -0.07 min
Lab File: VU026809.D
Acq: 16 Sep 2018 05:40

Tgt Ion: 62 Resp: 929
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 1.108 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU026809.D

Acq: 16 Sep 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

C0KY6

Tgt Ion: 95 Resp: 10379

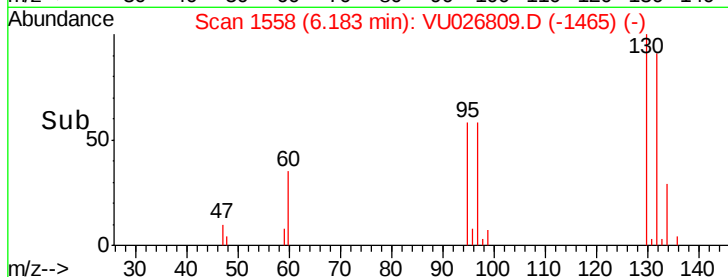
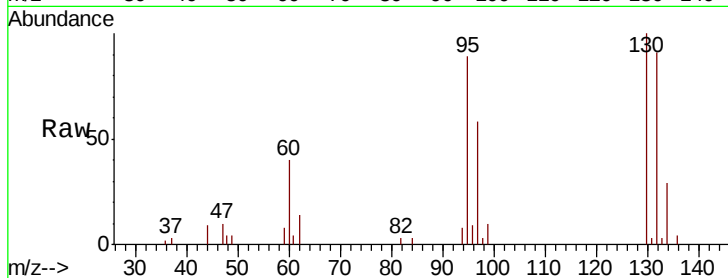
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 102.9 72.0 133.8

130 112.8 73.1 135.7

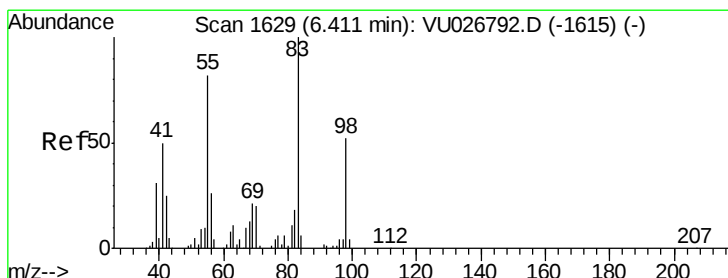
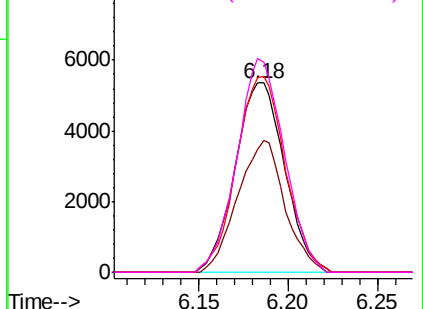


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.764 ug/L

RT: 6.34 min Scan# 1606

Delta R.T. -0.07 min

Lab File: VU026809.D

Acq: 16 Sep 2018 05:40

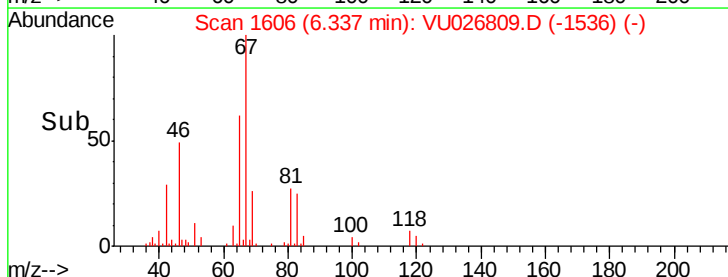
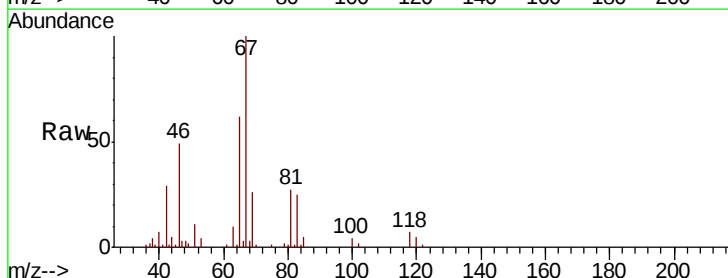
Tgt Ion: 83 Resp: 11631

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

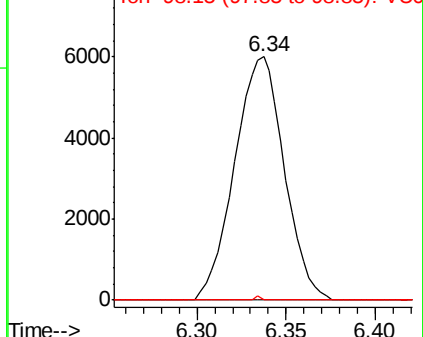
98 0.2 39.3 58.9#

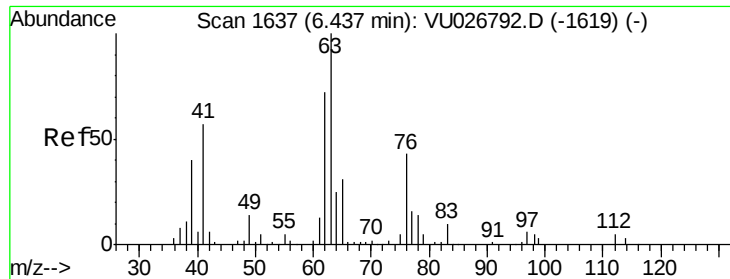


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

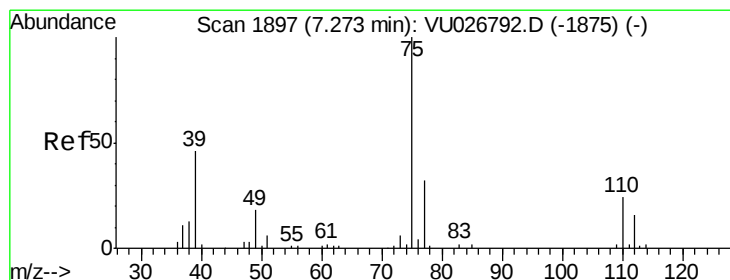
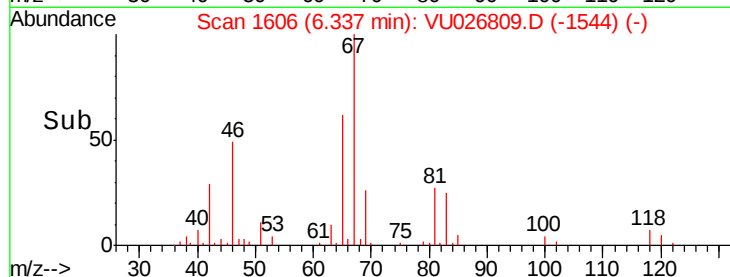
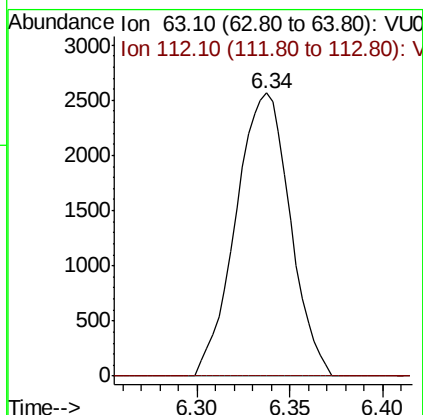
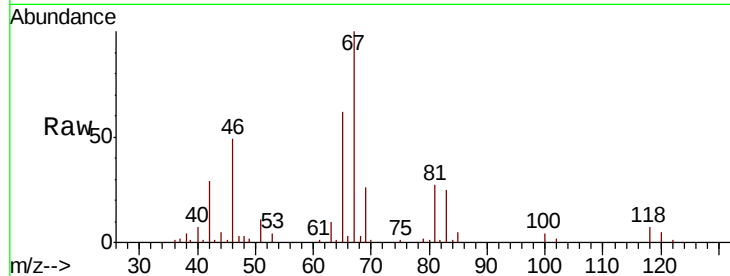




#37
 1,2-Dichloropropane
 Concen: 0.534 ug/L
 RT: 6.34 min Scan# 1606
 Delta R.T. -0.10 min
 Lab File: VU026809.D
 Acq: 16 Sep 2018 05:40

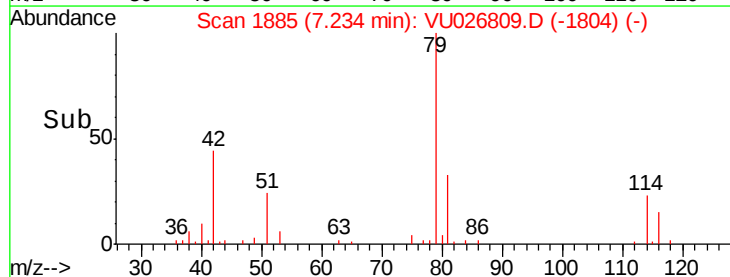
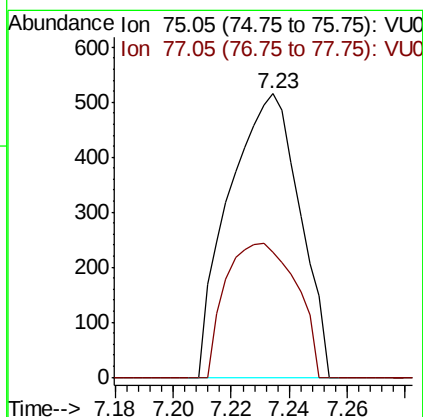
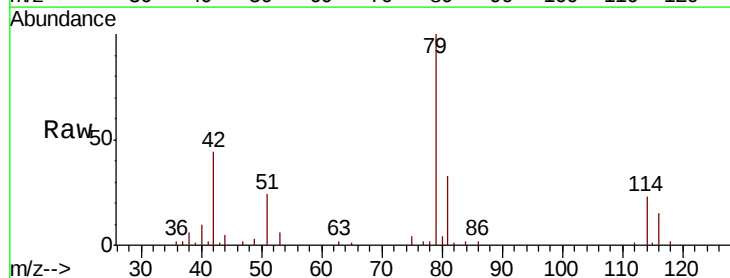
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY6

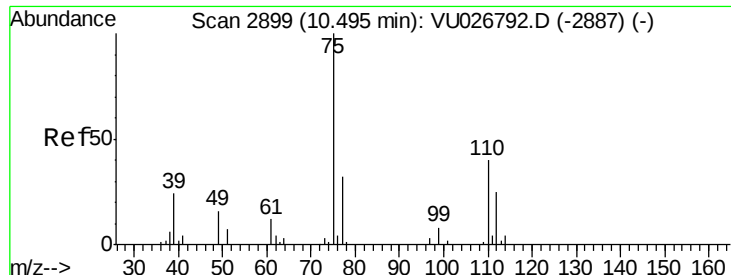
Tgt Ion: 63 Resp: 5213
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.066 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU026809.D
 Acq: 16 Sep 2018 05:40

Tgt Ion: 75 Resp: 870
 Ion Ratio Lower Upper
 75 100
 77 44.3 21.7 40.3#





#59

1,2,3-Trichloropropane

Concen: 0.771 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026809.D

Acq: 16 Sep 2018 05:40

Instrument :

MSVOA_U

ClientSampleId :

C0KY6

Tgt Ion: 75 Resp: 4425

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9#

