

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026795.D
 Acq On : 15 Sep 2018 22:46
 Operator : MD/SY
 Sample : J4918-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX2

Quant Time: Sep 17 07:14:11 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	118914	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	98952	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43828	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.68	69	36913	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.27	63	60849	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.20	46	97459	48.89	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	4.65	84	73551	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	39497	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	152977	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.33	67	48136	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.57	98	113933	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	14066	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.32	63	55548	42.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35735	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	42781	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

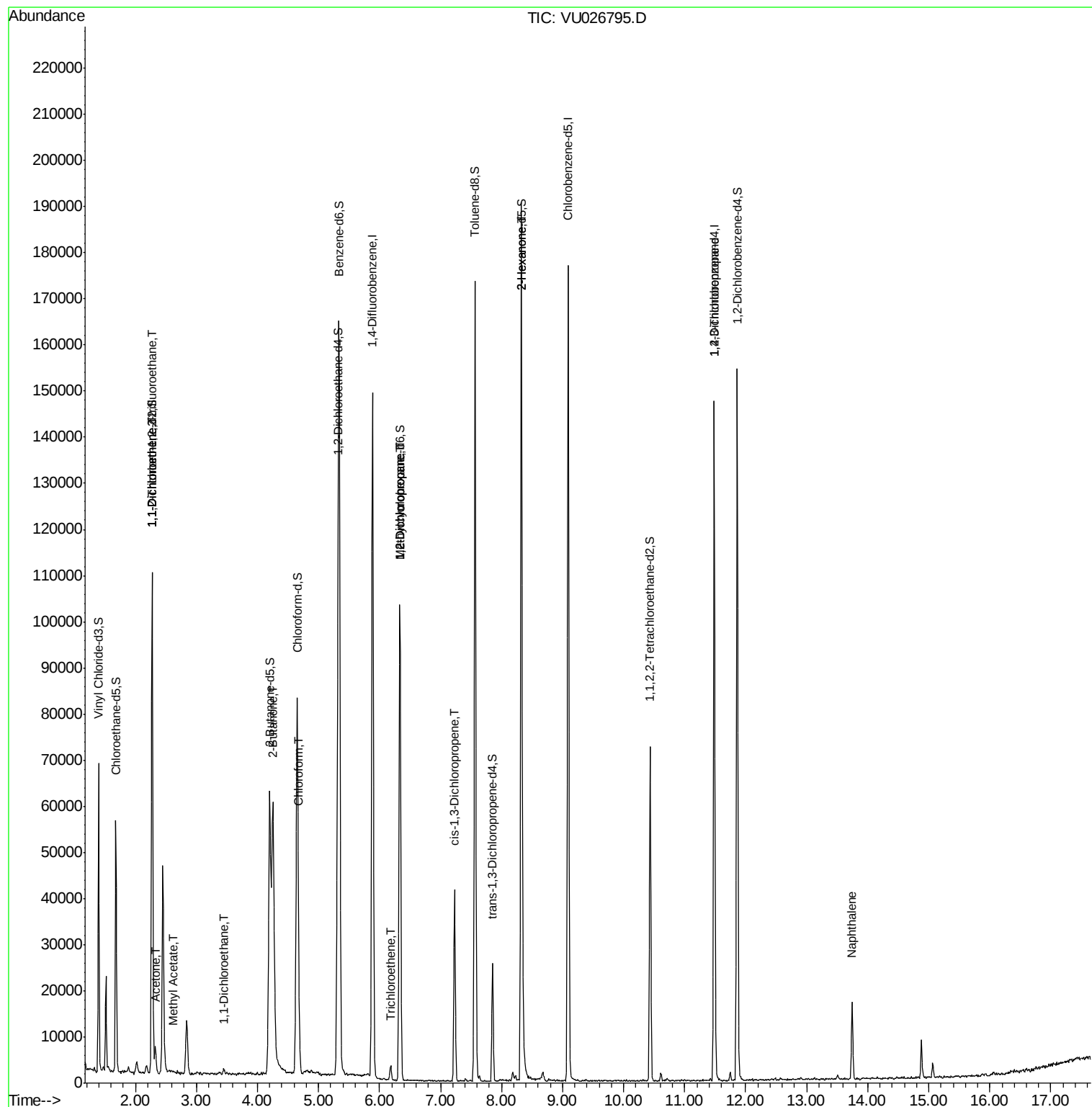
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	635	0.068	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	692	0.078	ug/L #	1
13) Acetone	2.32	43	5323	3.003	ug/L	96
15) Methyl Acetate	2.63	43	479	0.103	ug/L #	52
19) 1,1-Dichloroethane	3.45	63	1265	0.070	ug/L #	82
21) 2-Butanone	4.26	43	4995	1.706	ug/L #	73
25) Chloroform	4.68	83	10219	0.584	ug/L	93
34) Trichloroethene	6.19	95	1166	0.124	ug/L	92
35) Methylcyclohexane	6.33	83	11369	0.741	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5220	0.531	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	790	0.060	ug/L #	19
48) 2-Hexanone	8.32	43	8296	2.026	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	4581	0.792	ug/L	94
69) Naphthalene	13.75	128	14659	1.055	ug/L	98

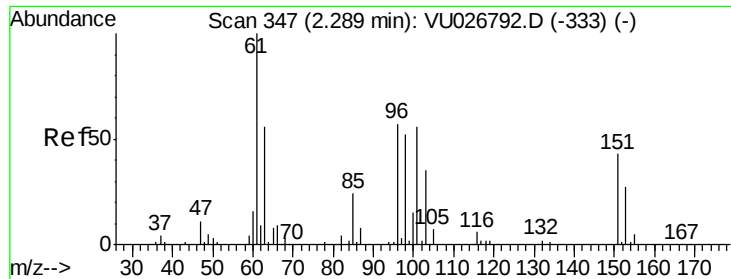
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.068 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026795.D

Acq: 15 Sep 2018 22:46

Instrument :

MSVOA_U

ClientSampleId :

C0KX2

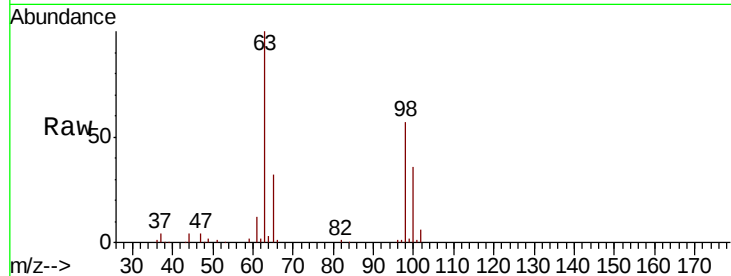
Tgt Ion: 101 Resp: 635

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

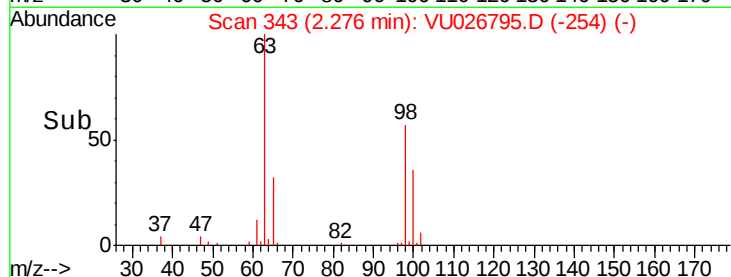
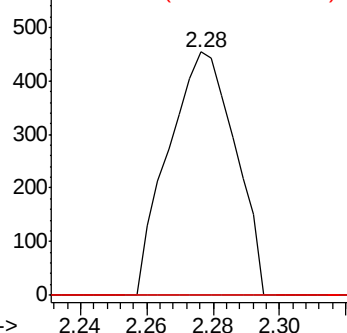
151 0.0 63.3 94.9#



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: 0.078 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026795.D

Acq: 15 Sep 2018 22:46

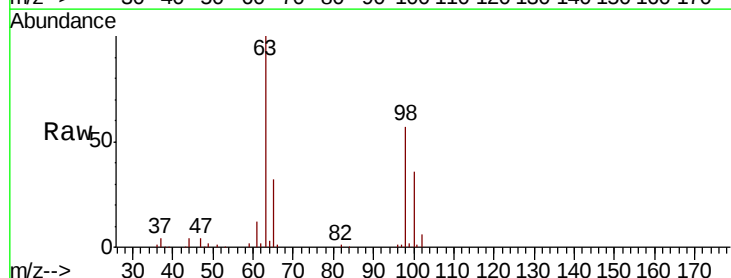
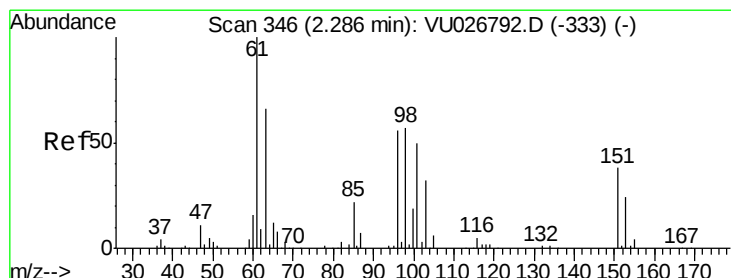
Tgt Ion: 96 Resp: 692

Ion Ratio Lower Upper

96 100

61 1232.7 126.6 235.2#

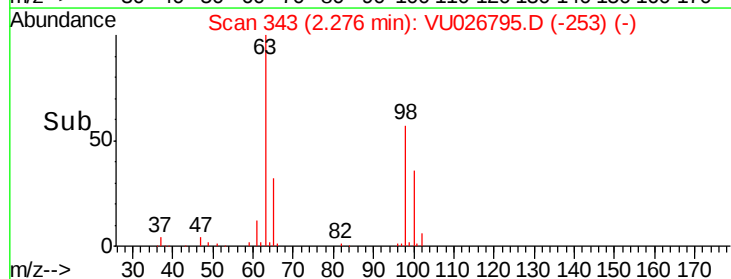
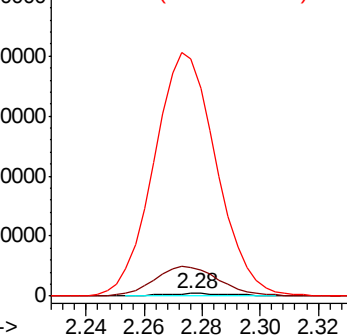
63 10109.5 91.3 169.5#

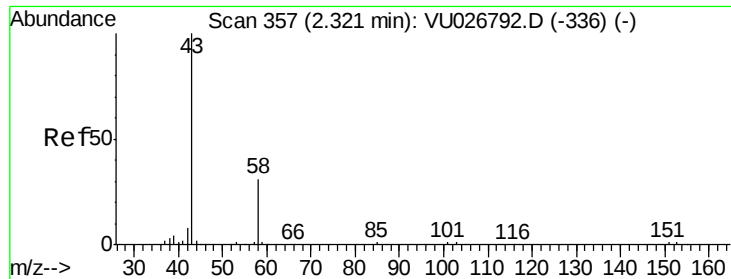


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.003 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.03 min

Lab File: VU026795.D

Acq: 15 Sep 2018 22:46

Instrument :

MSVOA_U

ClientSampleId :

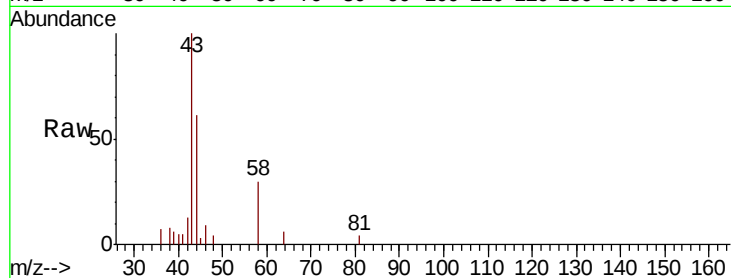
C0KX2

Tgt Ion: 43 Resp: 5323

Ion Ratio Lower Upper

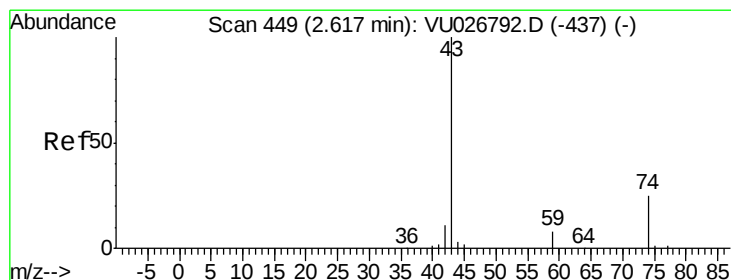
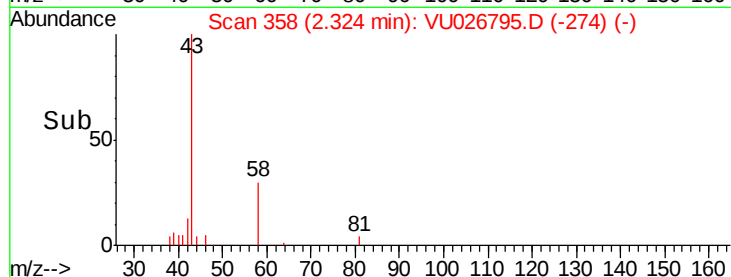
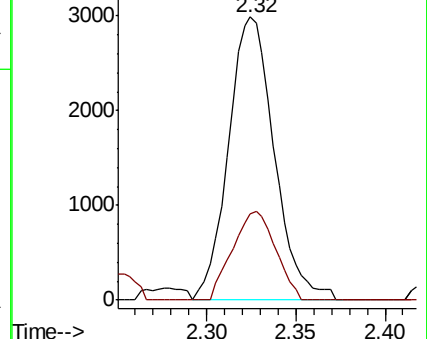
43 100

58 29.4 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.103 ug/L

RT: 2.63 min Scan# 452

Delta R.T. -0.00 min

Lab File: VU026795.D

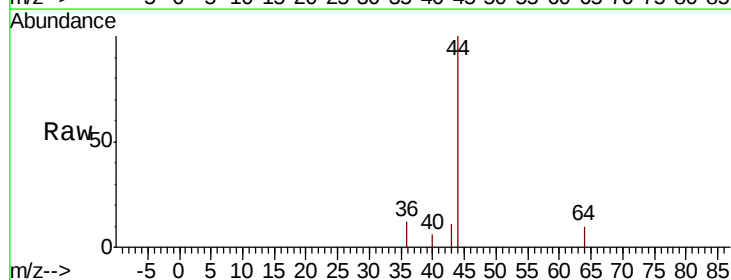
Acq: 15 Sep 2018 22:46

Tgt Ion: 43 Resp: 479

Ion Ratio Lower Upper

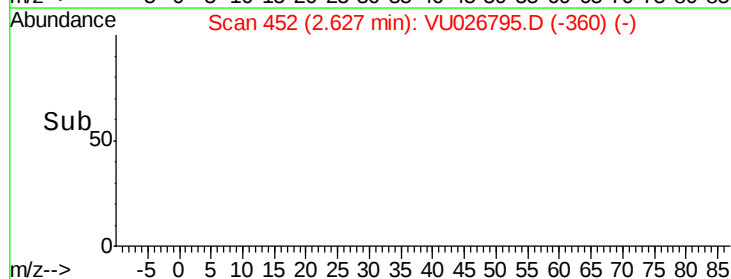
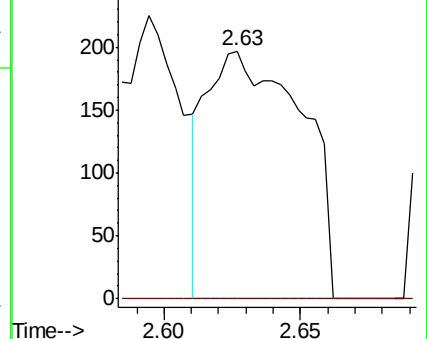
43 100

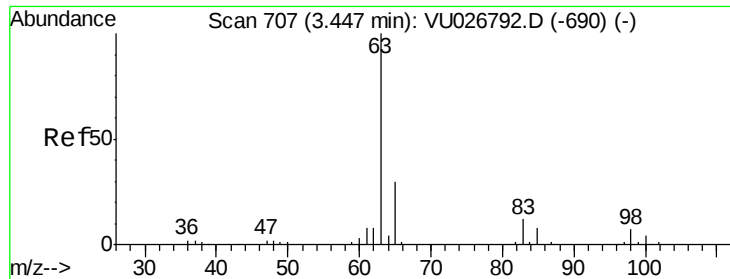
74 0.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

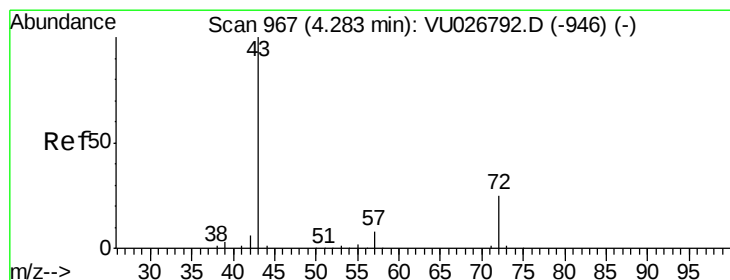
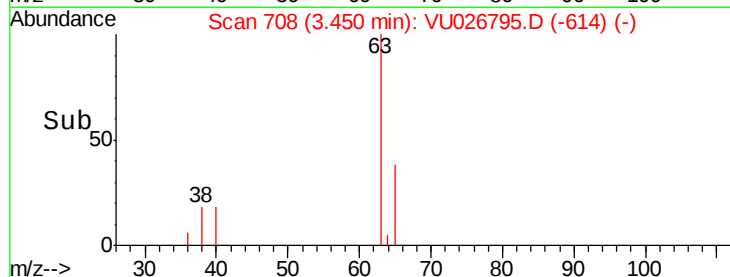
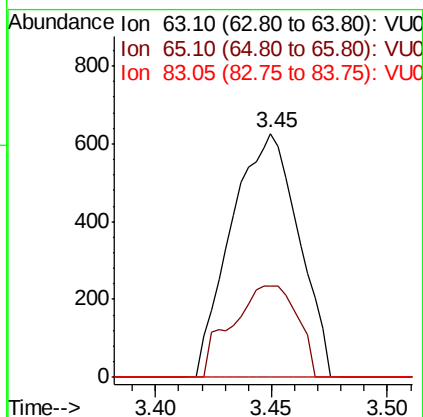
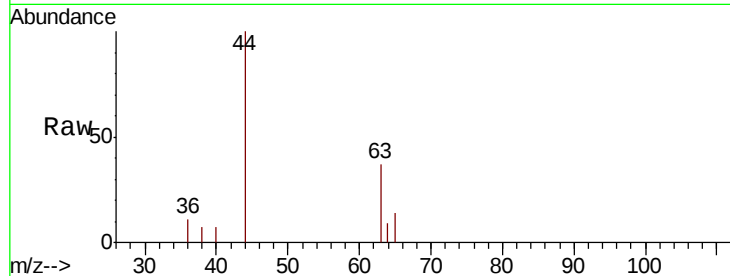




#19
 1,1-Dichloroethane
 Concen: 0.070 ug/L
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU026795.D
 Acq: 15 Sep 2018 22:46

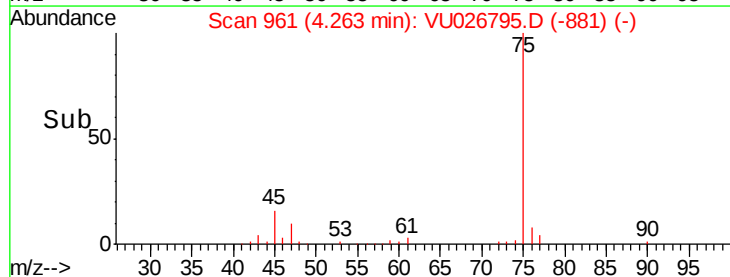
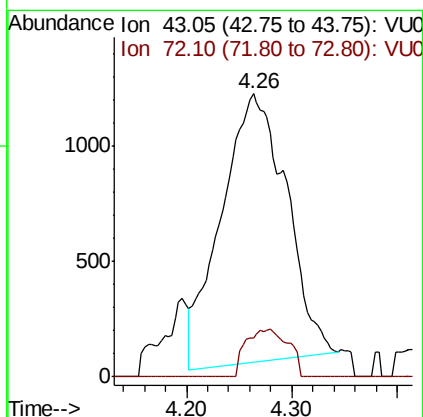
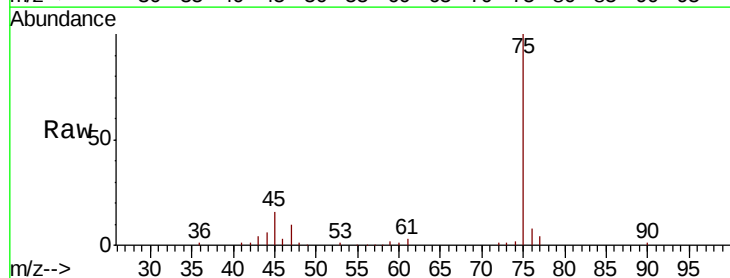
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX2

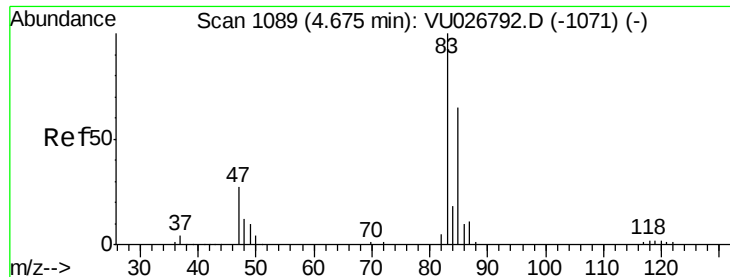
Tgt Ion: 63 Resp: 1265
 Ion Ratio Lower Upper
 63 100
 65 37.7 21.7 40.3
 83 0.0 9.0 16.6#



#21
 2-Butanone
 Concen: 1.706 ug/L
 RT: 4.26 min Scan# 961
 Delta R.T. -0.04 min
 Lab File: VU026795.D
 Acq: 15 Sep 2018 22:46

Tgt Ion: 43 Resp: 4995
 Ion Ratio Lower Upper
 43 100
 72 11.5 12.6 37.8#

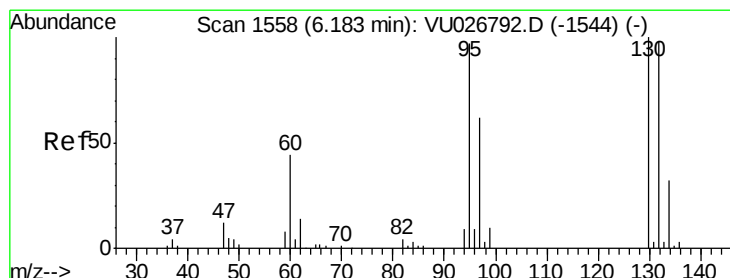
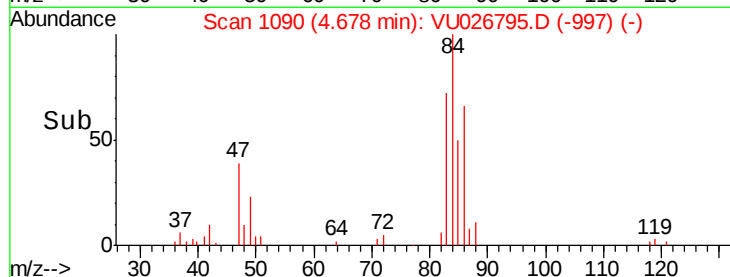
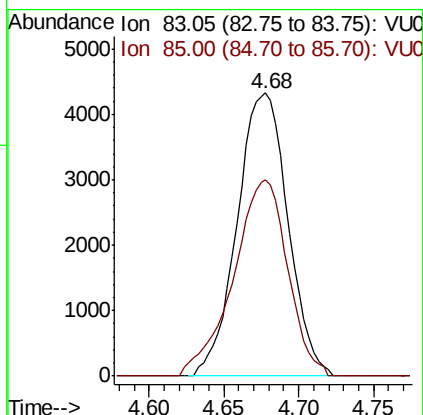
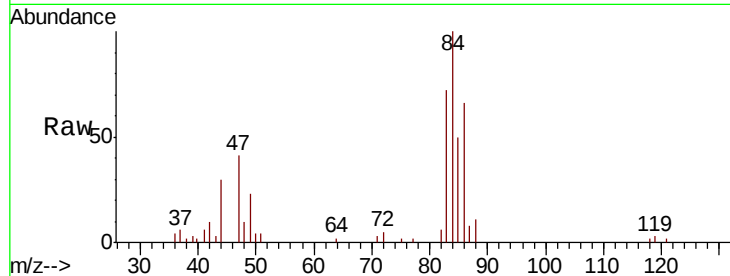




#25
Chloroform
Concen: 0.584 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU026795.D
Acq: 15 Sep 2018 22:46

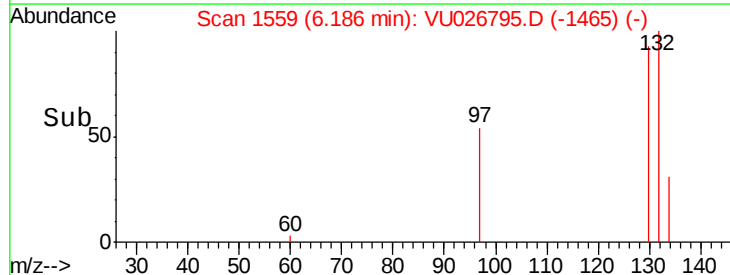
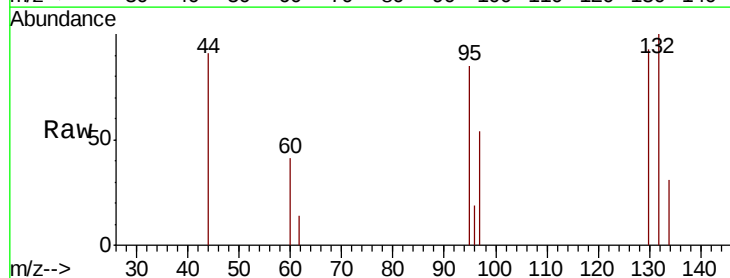
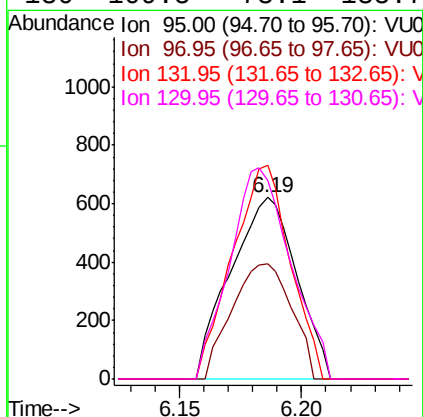
Instrument :
MSVOA_U
ClientSampleId :
C0KX2

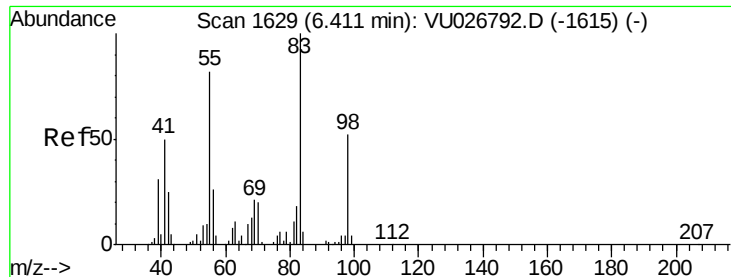
Tgt Ion: 83 Resp: 10219
Ion Ratio Lower Upper
83 100
85 69.3 44.8 83.2



#34
Trichloroethene
Concen: 0.124 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU026795.D
Acq: 15 Sep 2018 22:46

Tgt Ion: 95 Resp: 1166
Ion Ratio Lower Upper
95 100
97 63.4 45.1 83.9
132 117.7 72.0 133.8
130 109.5 73.1 135.7





#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026795.D

Acq: 15 Sep 2018 22:46

Instrument :

MSVOA_U

ClientSampleId :

C0KX2

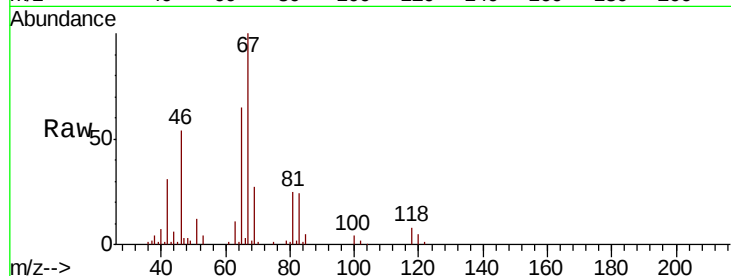
Tgt Ion: 83 Resp: 11369

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

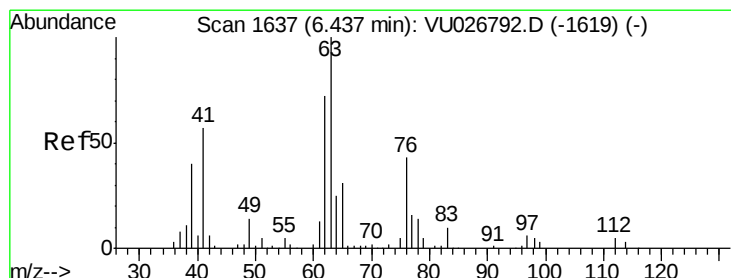
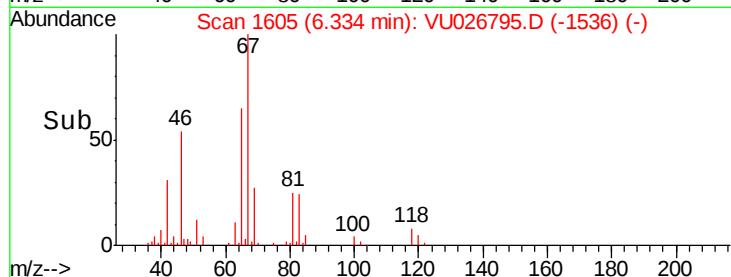
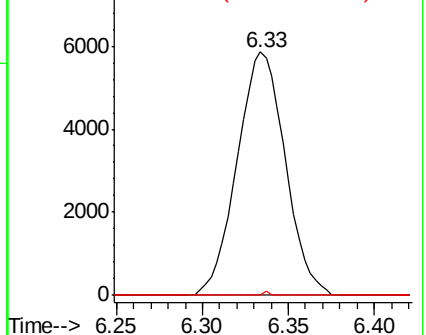
98 0.2 39.3 58.9#



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: 0.531 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026795.D

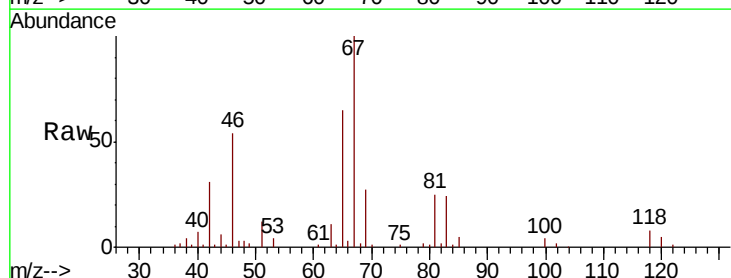
Acq: 15 Sep 2018 22:46

Tgt Ion: 63 Resp: 5220

Ion Ratio Lower Upper

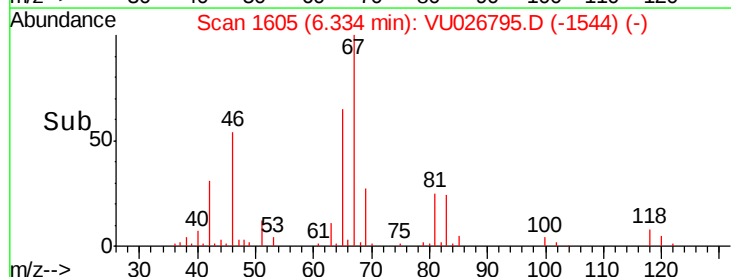
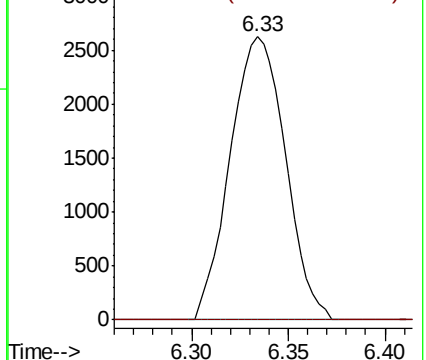
63 100

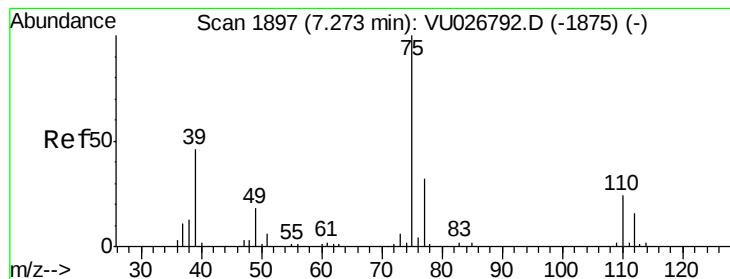
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



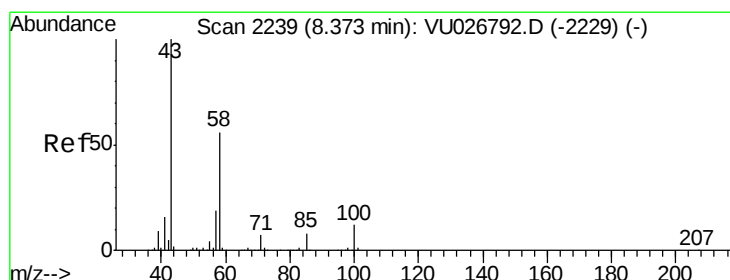
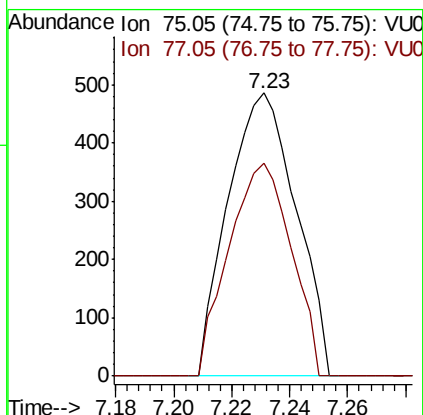
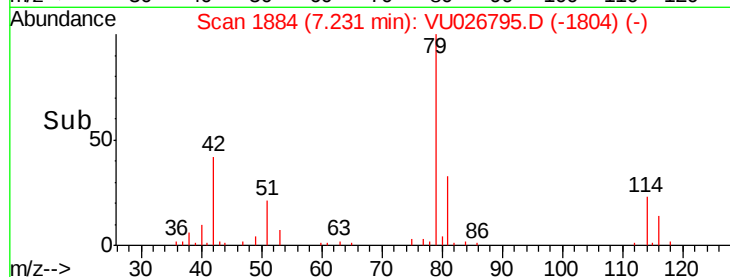
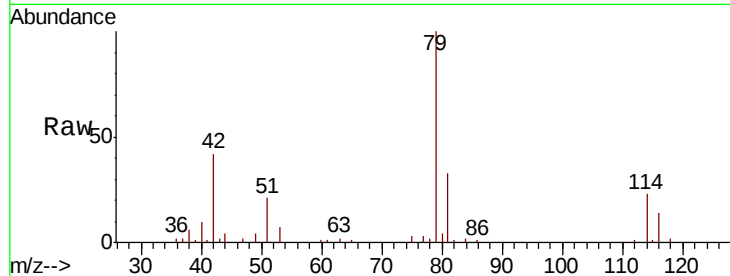


#39

cis-1,3-Dichloropropene
 Concen: 0.060 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026795.D
 Acq: 15 Sep 2018 22:46

Instrument :
 MSVOA_U
 ClientSampled :
 C0KX2

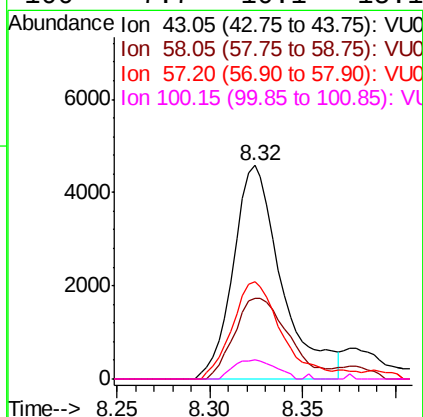
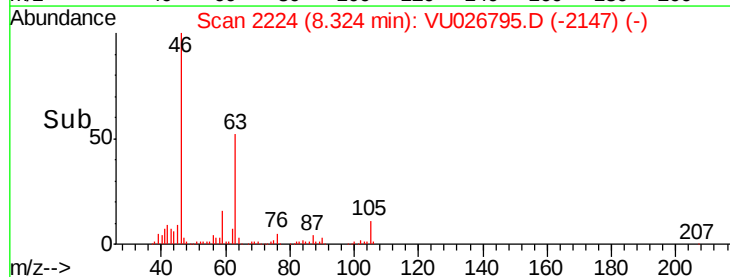
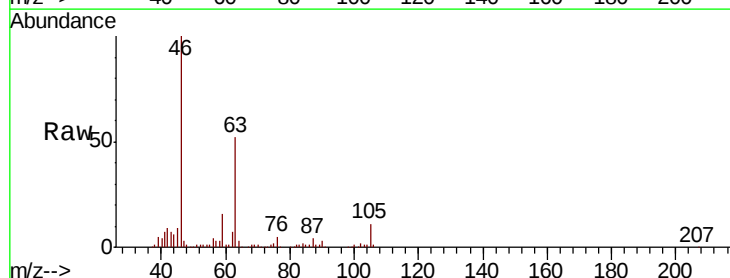
Tgt Ion: 75 Resp: 790
 Ion Ratio Lower Upper
 75 100
 77 75.3 21.7 40.3#

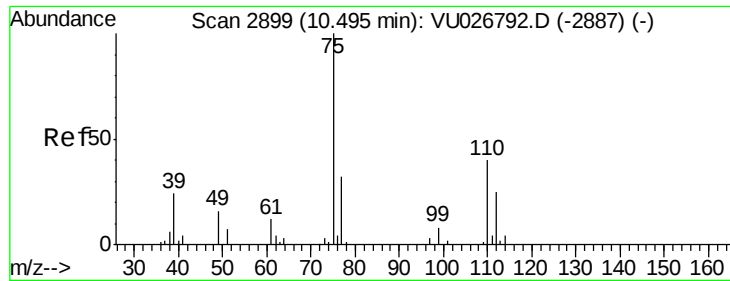


#48

2-Hexanone
 Concen: 2.026 ug/L
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.05 min
 Lab File: VU026795.D
 Acq: 15 Sep 2018 22:46

Tgt Ion: 43 Resp: 8296
 Ion Ratio Lower Upper
 43 100
 58 42.5 43.7 65.5#
 57 46.1 15.2 22.8#
 100 7.7 10.1 15.1#

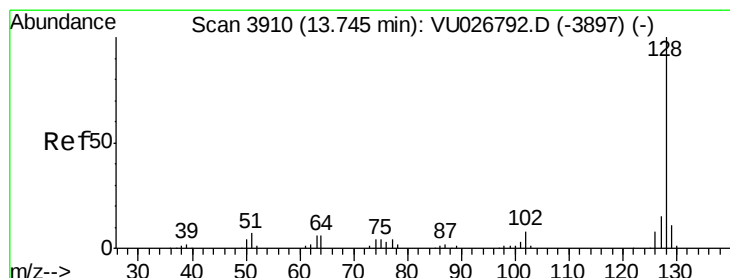
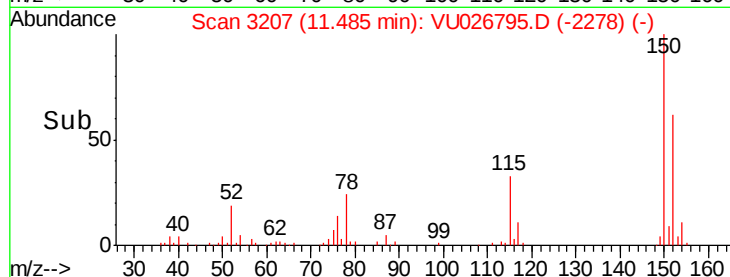
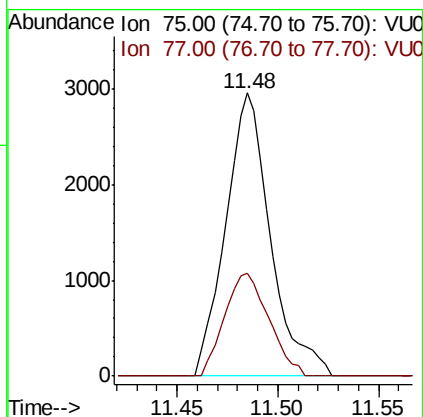
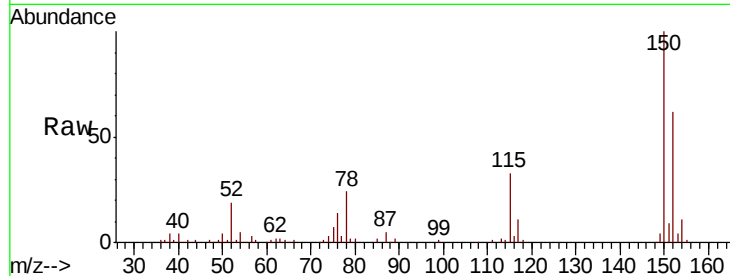




#59
 1,2,3-Trichloropropane
 Concen: 0.792 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026795.D
 Acq: 15 Sep 2018 22:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX2

Tgt Ion: 75 Resp: 4581
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.9 38.9



#69
 Naphthalene
 Concen: 1.055 ug/L
 RT: 13.75 min Scan# 3910
 Delta R.T. -0.00 min
 Lab File: VU026795.D
 Acq: 15 Sep 2018 22:46

Tgt Ion: 128 Resp: 14659
 Ion Ratio Lower Upper
 128 100
 129 9.8 8.6 12.8
 127 12.9 10.8 16.2

