

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026798.D
 Acq On : 16 Sep 2018 00:04
 Operator : MD/SY
 Sample : J4918-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX5

Quant Time: Sep 17 07:14:33 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	120968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	35925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44306	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.68	69	37158	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.28	63	68581	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.21	46	99997	49.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	4.65	84	73755	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	39488	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.34	84	153753	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.33	67	49157	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.57	98	114292	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	13851	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.32	63	57800	45.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34631	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	39283	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

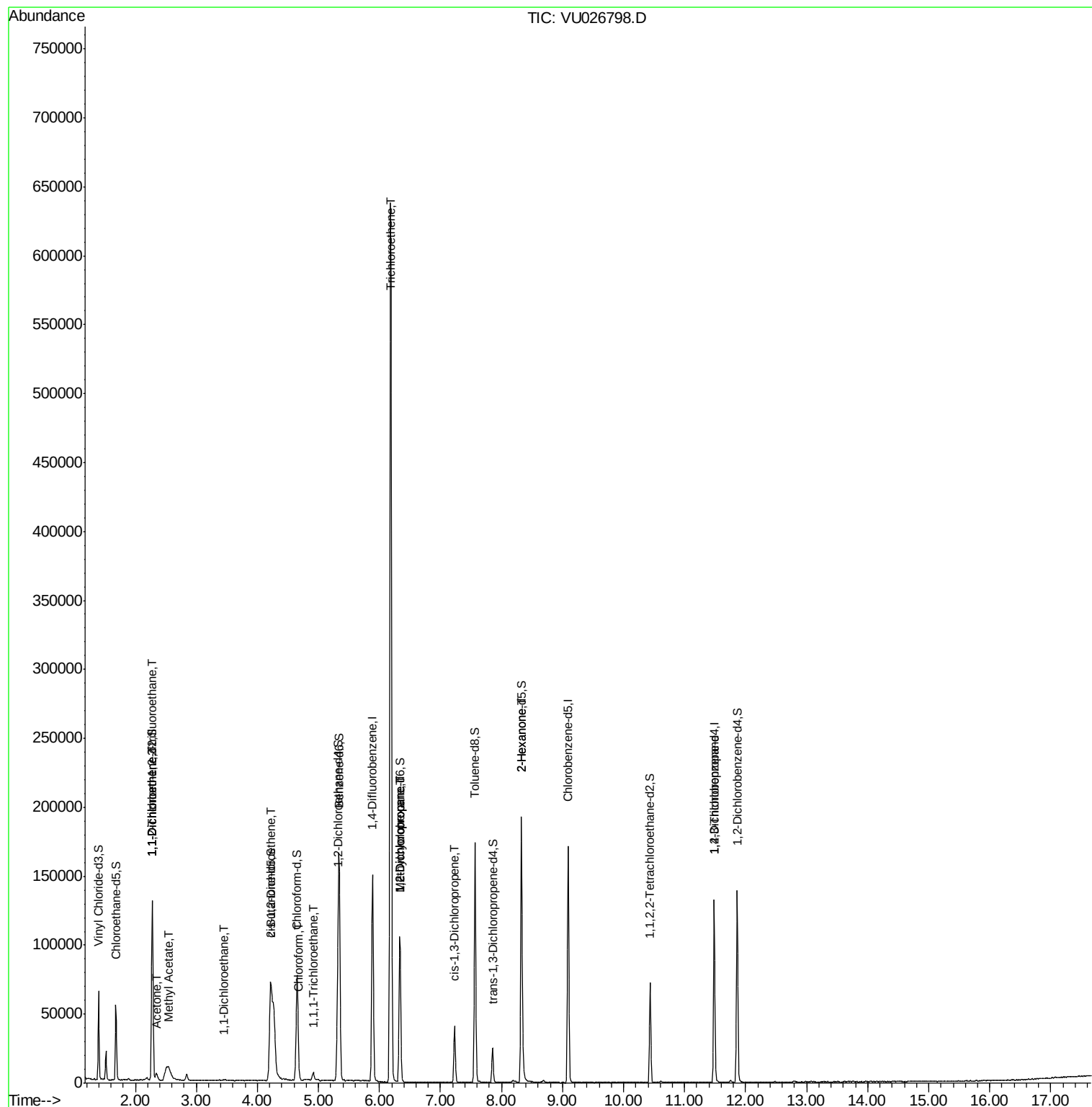
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	582	0.061	ug/L #	18
12) 1,1-Dichloroethene	2.29	96	13791	1.530	ug/L #	40
13) Acetone	2.35	43	6793	3.768	ug/L	96
15) Methyl Acetate	2.53	43	8907	1.883	ug/L #	52
19) 1,1-Dichloroethane	3.45	63	841	0.046	ug/L #	78
22) cis-1,2-Dichloroethene	4.23	96	10384	0.970	ug/L	97
25) Chloroform	4.68	83	1300	0.073	ug/L	83
29) 1,1,1-Trichloroethane	4.92	97	4370	0.315	ug/L	96
34) Trichloroethene	6.18	95	211173	22.998	ug/L	99
35) Methylcyclohexane	6.33	83	11748	0.787	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	5289	0.553	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	832	0.065	ug/L #	60
48) 2-Hexanone	8.32	43	8595	2.157	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	4042	0.718	ug/L	89

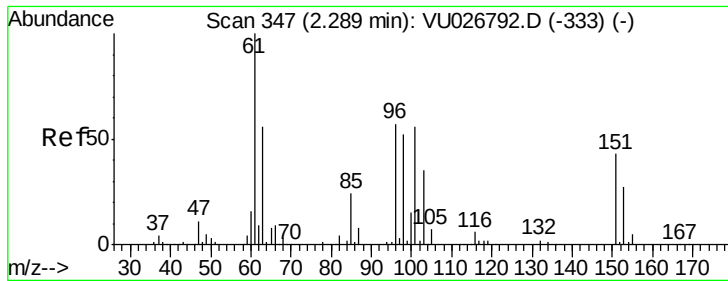
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.061 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

C0KX5

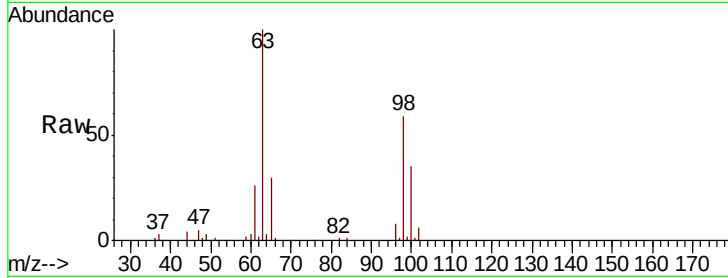
Tgt Ion: 101 Resp: 582

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

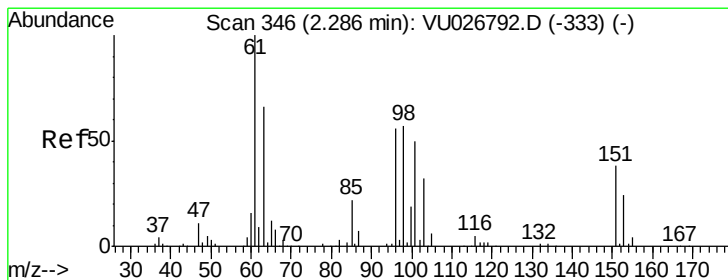
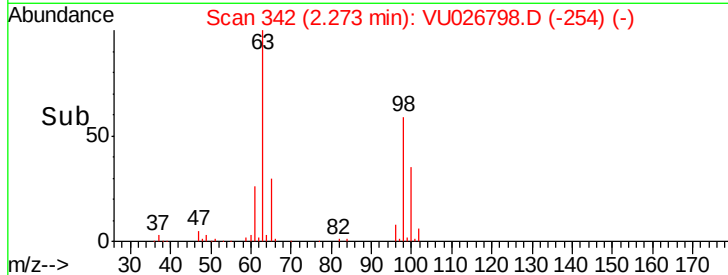
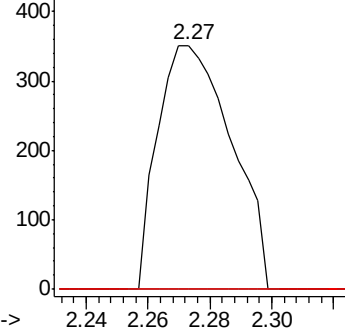
151 0.0 63.3 94.9#



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: 1.530 ug/L

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

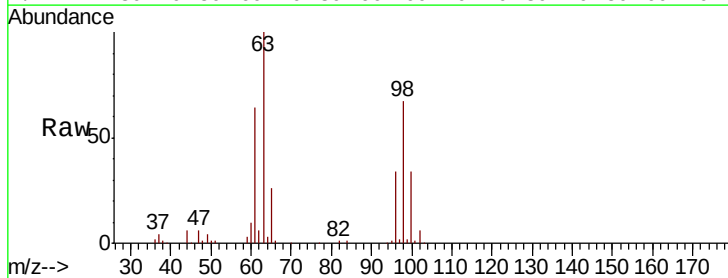
Tgt Ion: 96 Resp: 13791

Ion Ratio Lower Upper

96 100

61 187.1 126.6 235.2

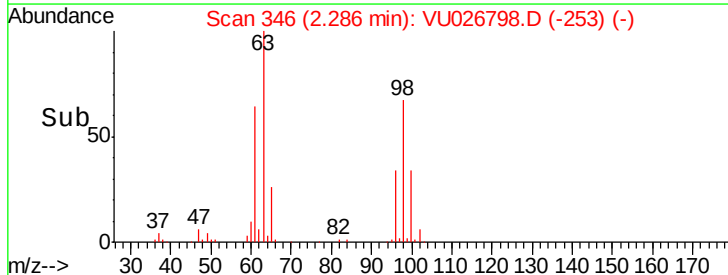
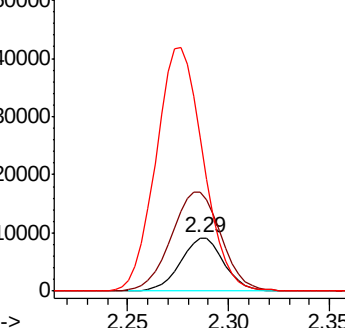
63 290.8 91.3 169.5#

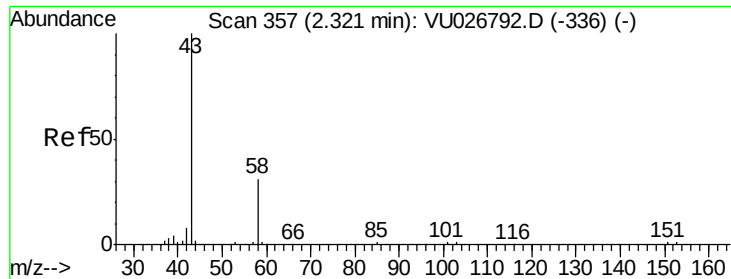


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.768 ug/L

RT: 2.35 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

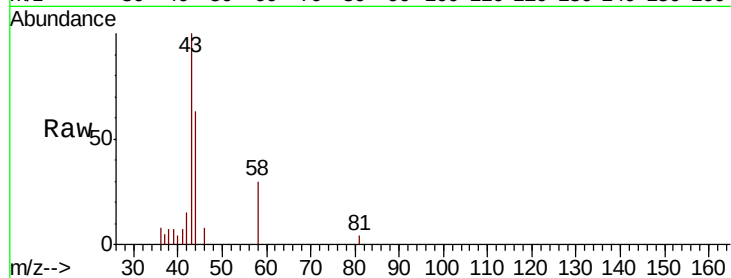
C0KX5

Tgt Ion: 43 Resp: 6793

Ion Ratio Lower Upper

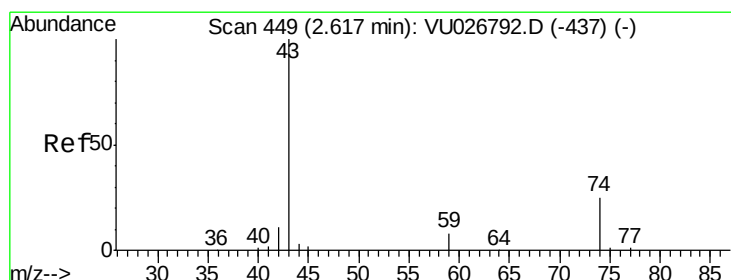
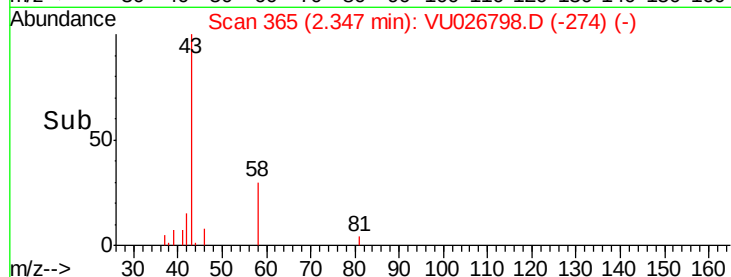
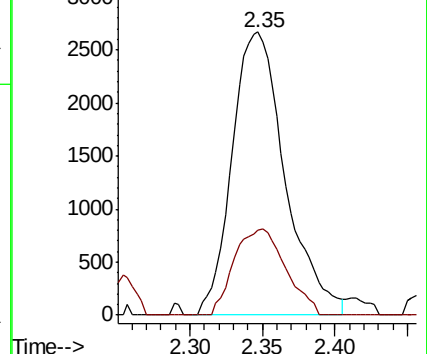
43 100

58 29.5 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: 1.883 ug/L

RT: 2.53 min Scan# 423

Delta R.T. -0.10 min

Lab File: VU026798.D

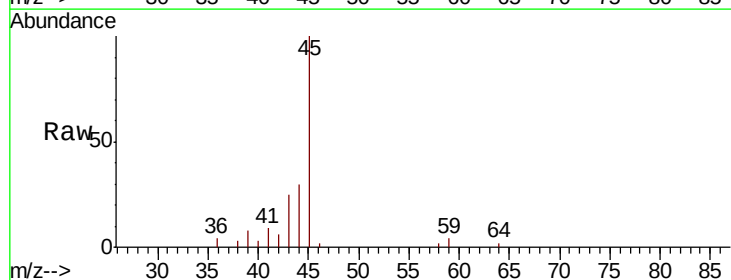
Acq: 16 Sep 2018 00:04

Tgt Ion: 43 Resp: 8907

Ion Ratio Lower Upper

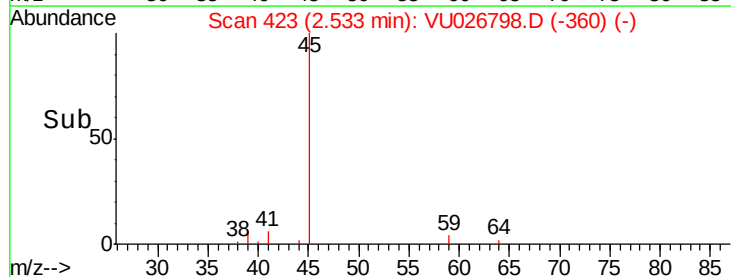
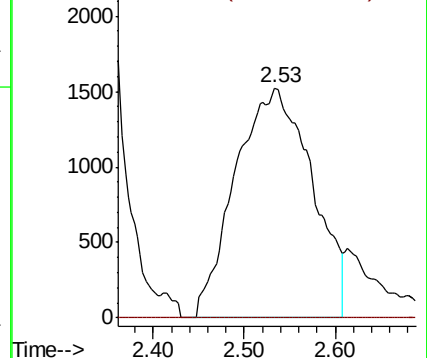
43 100

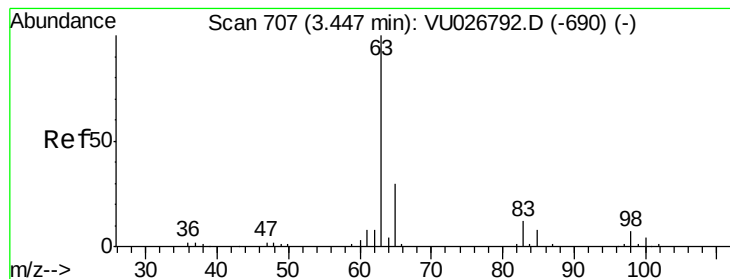
74 0.0 18.5 27.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#19

1,1-Dichloroethane

Concen: 0.046 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

Instrument :

MSVOA_U

ClientSampled :

C0KX5

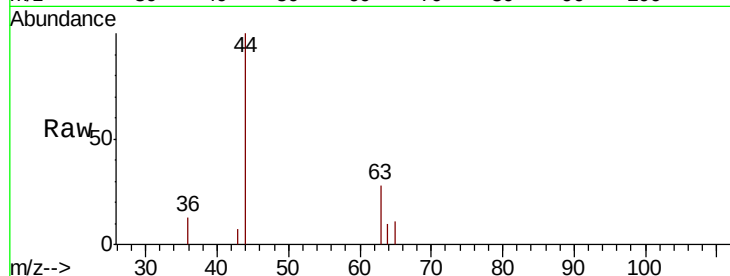
Tgt Ion: 63 Resp: 841

Ion Ratio Lower Upper

63 100

65 40.4 21.7 40.3#

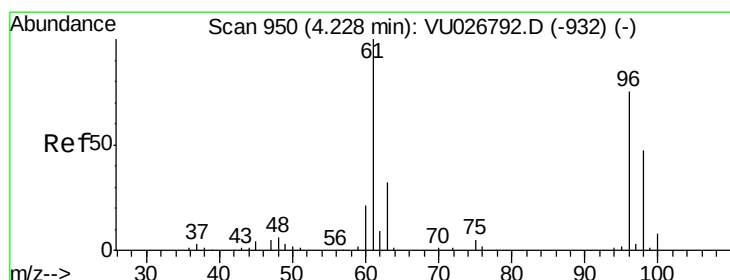
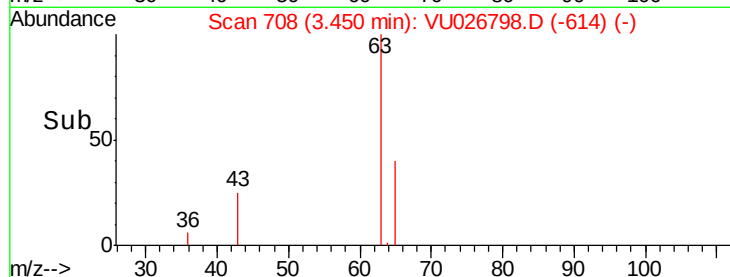
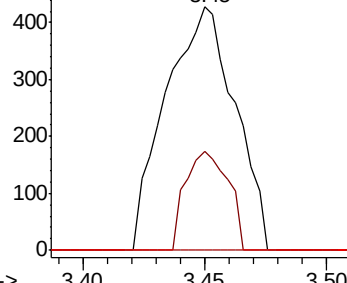
83 0.0 9.0 16.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.970 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

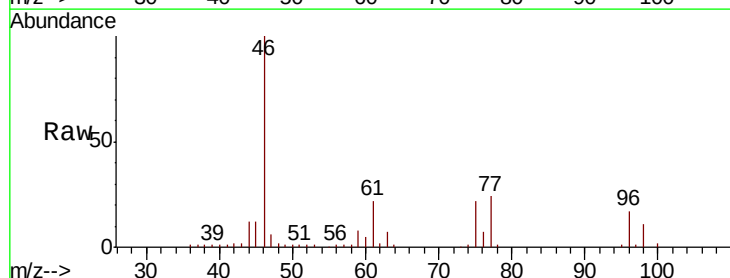
Tgt Ion: 96 Resp: 10384

Ion Ratio Lower Upper

96 100

61 131.7 94.4 175.2

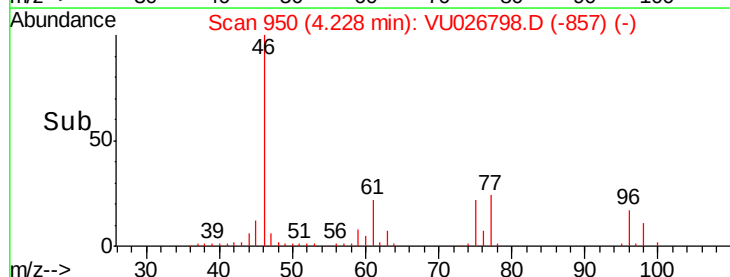
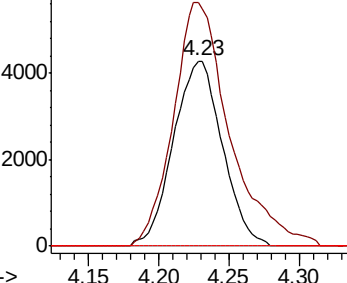
68 0.0 0.0 0.0

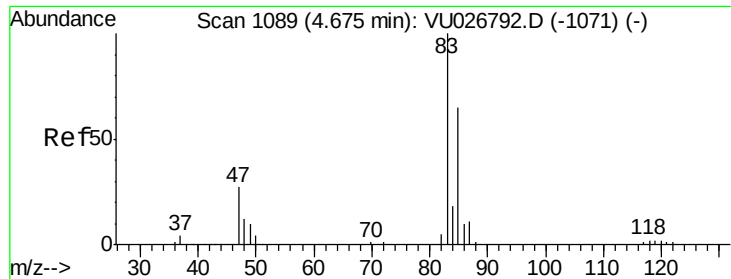


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

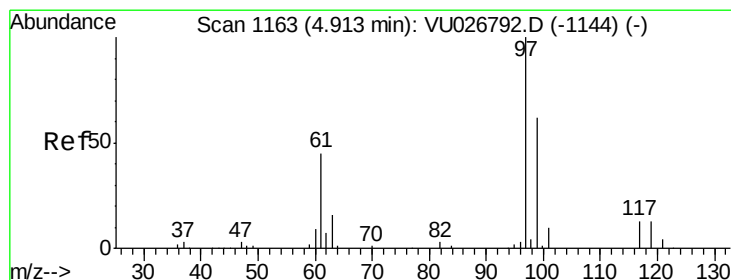
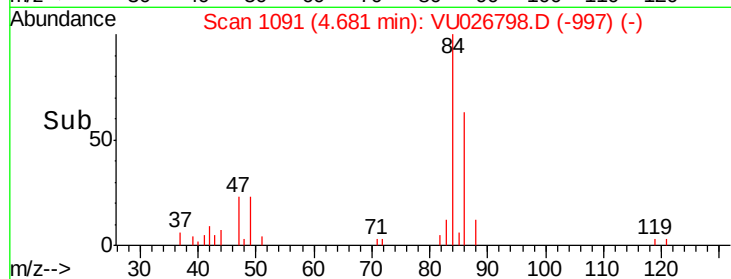
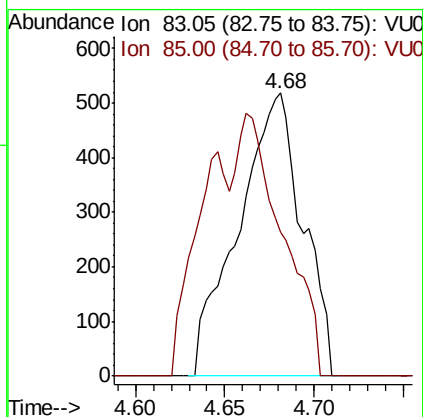
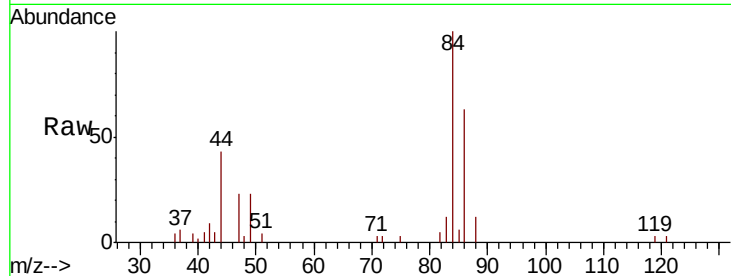




#25
Chloroform
Concen: 0.073 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VU026798.D
Acq: 16 Sep 2018 00:04

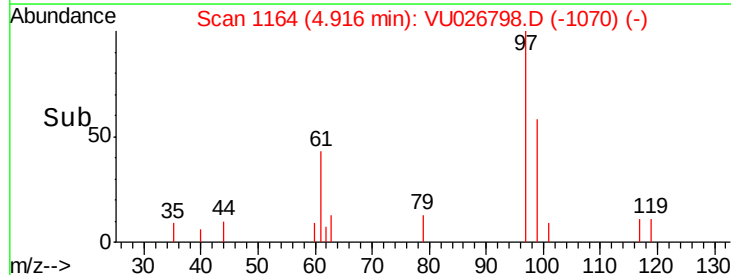
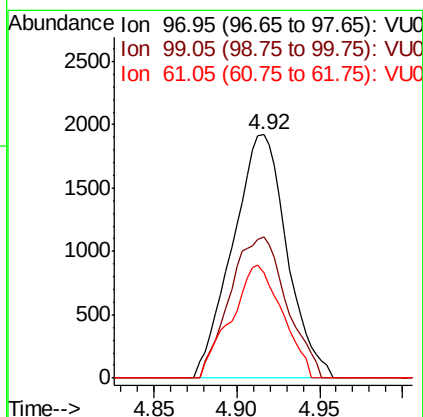
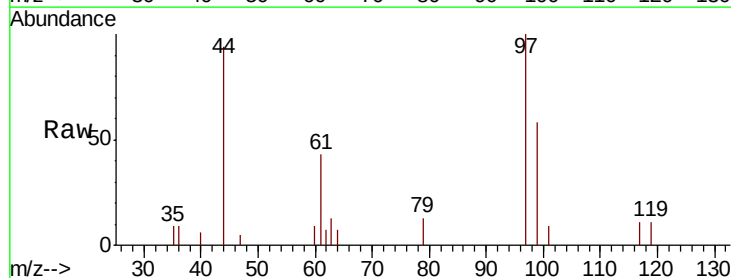
Instrument :
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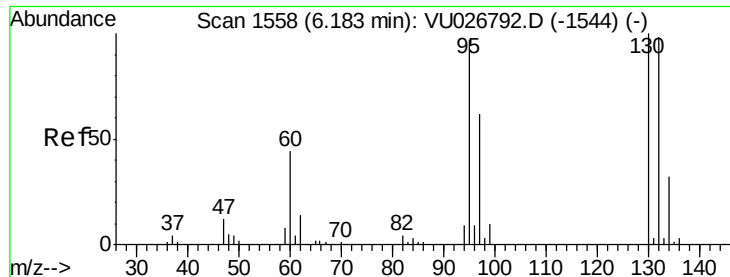
Tgt Ion: 83 Resp: 1300
Ion Ratio Lower Upper
83 100
85 51.0 44.8 83.2



#29
1,1,1-Trichloroethane
Concen: 0.315 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU026798.D
Acq: 16 Sep 2018 00:04

Tgt Ion: 97 Resp: 4370
Ion Ratio Lower Upper
97 100
99 60.7 51.5 77.3
61 43.7 36.6 54.8





#34

Trichloroethene

Concen: 22.998 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

Instrument :

MSVOA_U

ClientSampleId :

C0KX5

Tgt Ion: 95 Resp: 211173

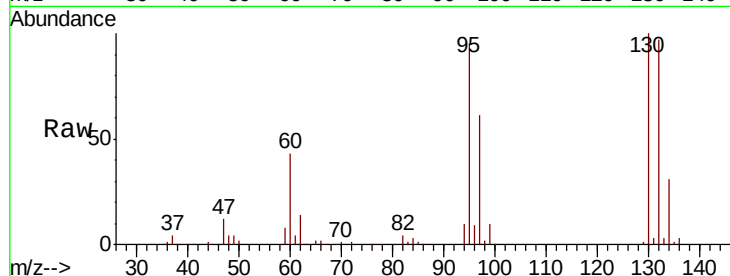
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 101.7 72.0 133.8

130 105.1 73.1 135.7

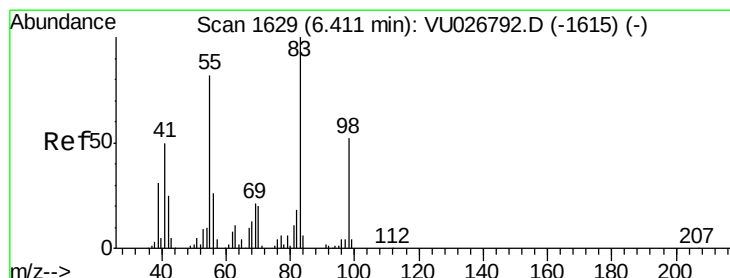
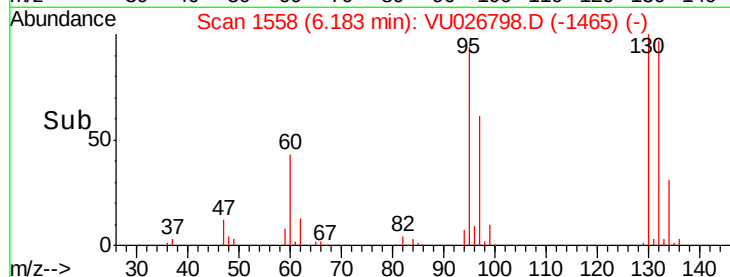
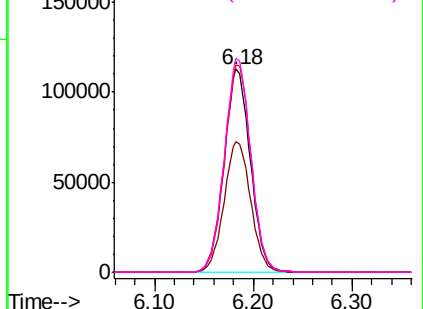


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.787 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026798.D

Acq: 16 Sep 2018 00:04

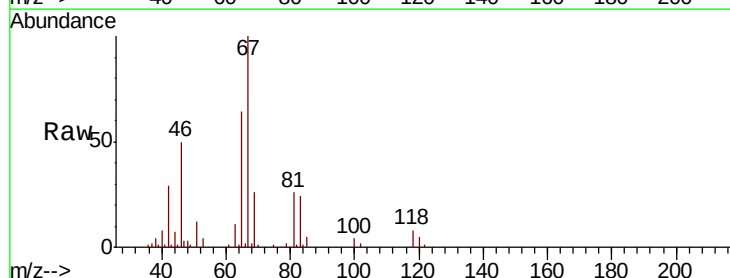
Tgt Ion: 83 Resp: 11748

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

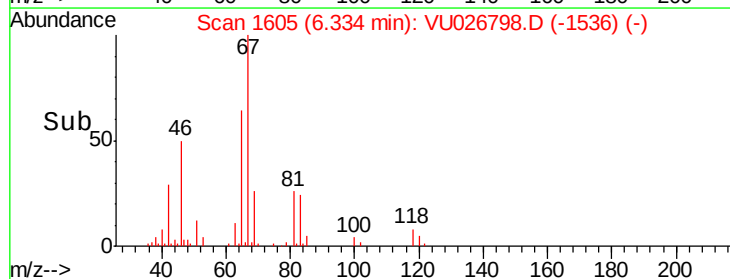
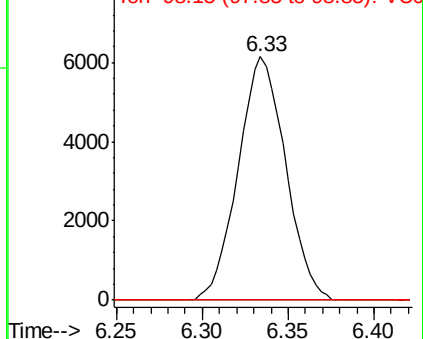
98 0.0 39.3 58.9#

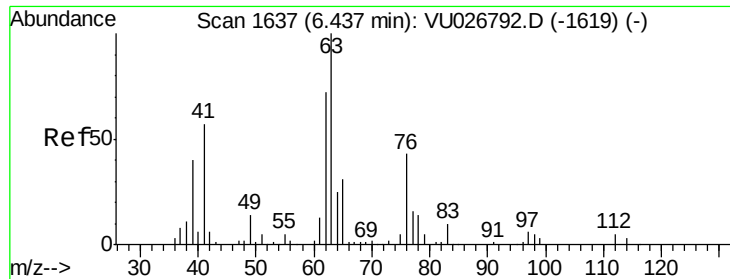


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

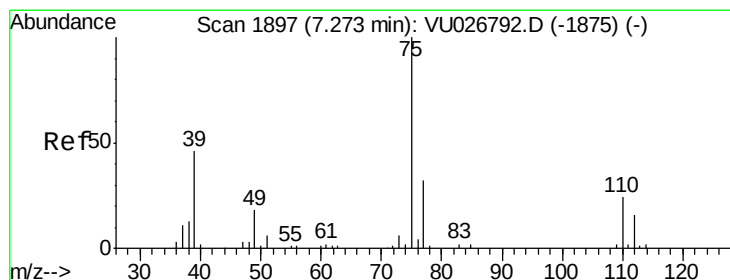
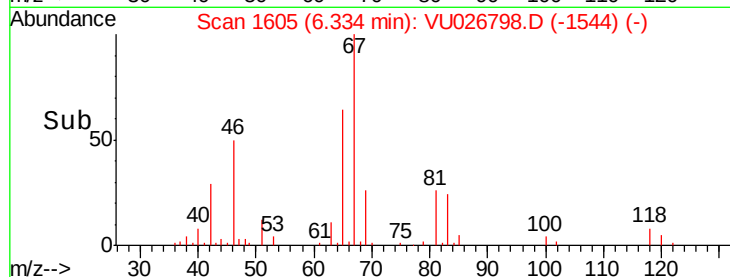
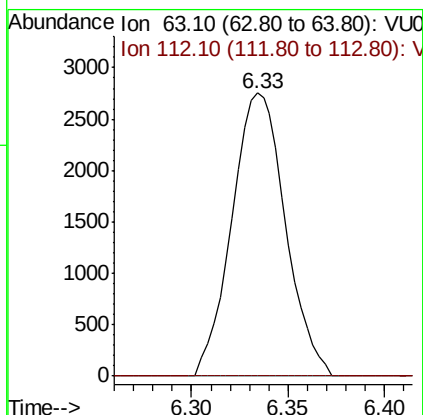
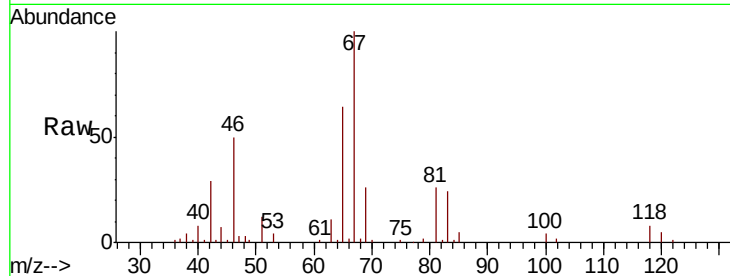




#37
 1,2-Dichloropropane
 Concen: 0.553 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026798.D
 Acq: 16 Sep 2018 00:04

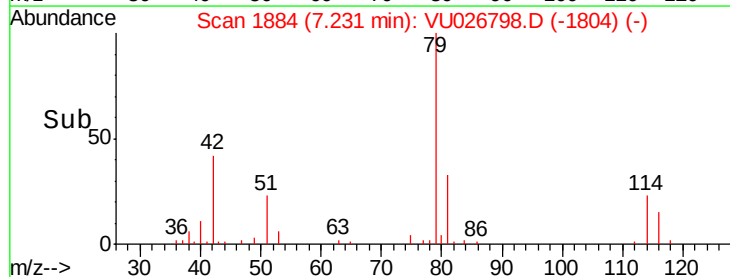
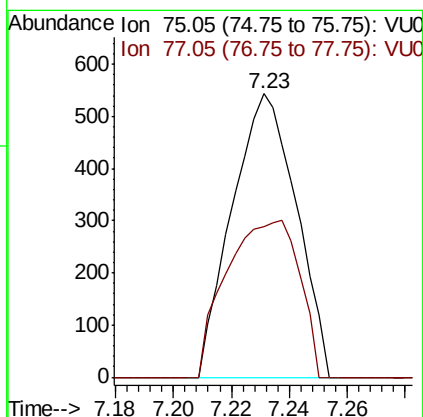
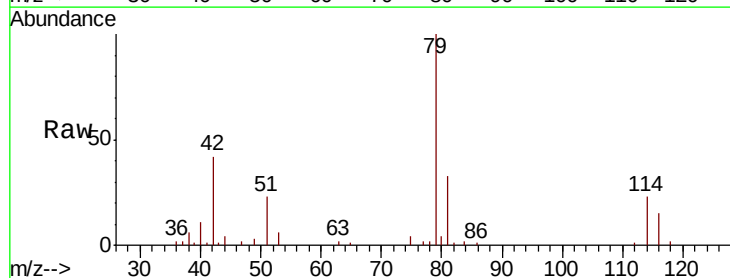
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX5

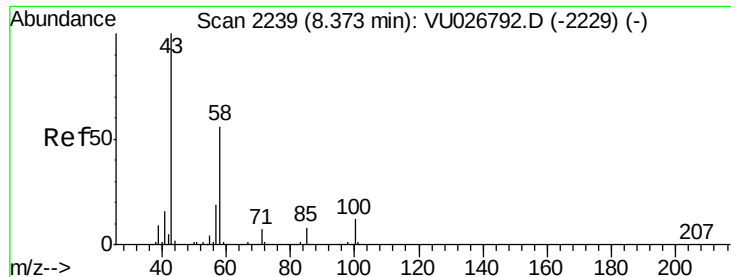
Tgt Ion: 63 Resp: 5289
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.065 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026798.D
 Acq: 16 Sep 2018 00:04

Tgt Ion: 75 Resp: 832
 Ion Ratio Lower Upper
 75 100
 77 53.0 21.7 40.3#

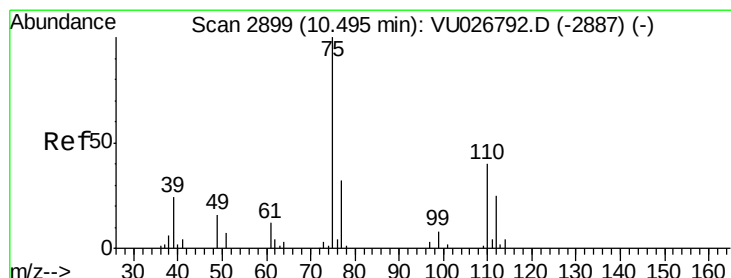
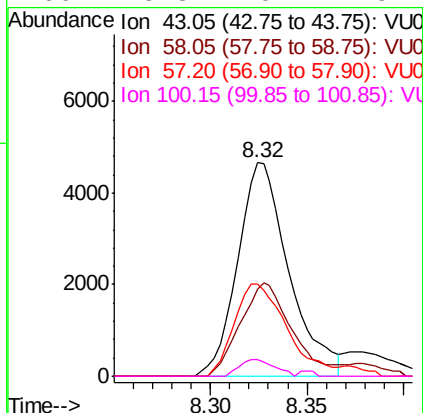
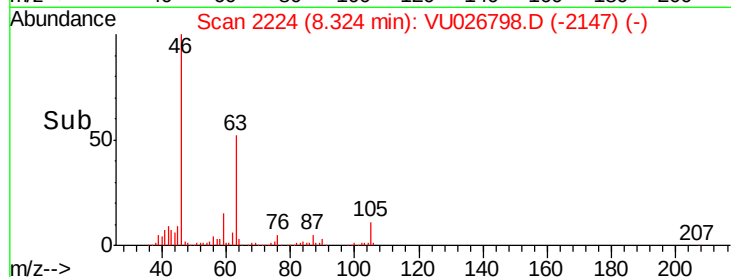
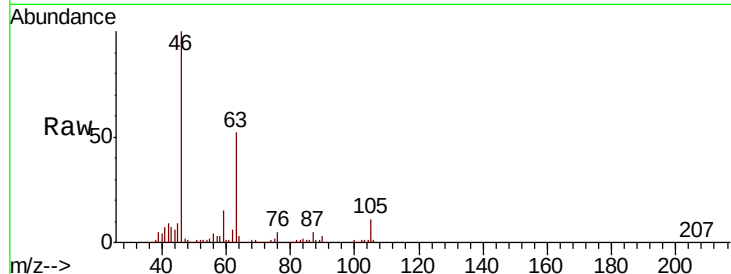




#48
 2-Hexanone
 Concen: 2.157 ug/L
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.05 min
 Lab File: VU026798.D
 Acq: 16 Sep 2018 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KX5

Tgt Ion: 43 Resp: 8595
 Ion Ratio Lower Upper
 43 100
 58 43.2 43.7 65.5#
 57 44.5 15.2 22.8#
 100 5.3 10.1 15.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.718 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026798.D
 Acq: 16 Sep 2018 00:04

Tgt Ion: 75 Resp: 4042
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.9 38.9

