

Data File : VU028321.D
Acq On : 21 Nov 2018 15:50
Operator : MD/SY
Sample : J6026-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FP1DL

Quant Time: Nov 21 22:38:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	164108	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63332	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.68	69	50459	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	90438	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.19	46	200107	48.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.84%
24) Chloroform-d	4.65	84	109760	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	63192	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.34	84	219375	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	81561	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.57	98	191080	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	29637	5.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.60%
46) 2-Hexanone-d5	8.31	63	141580	46.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58064	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	63450	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

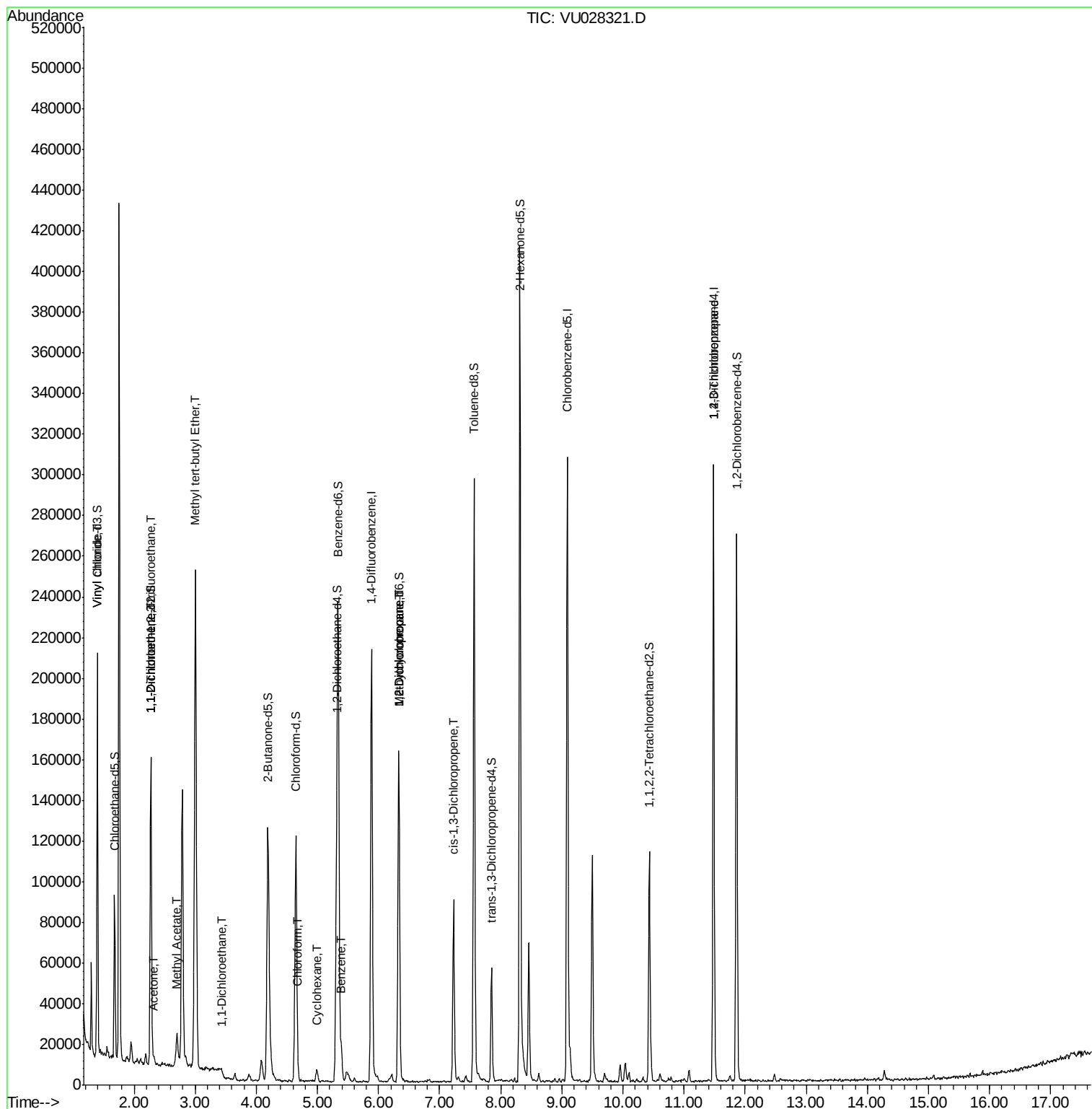
						Qvalue
5) Vinyl chloride	1.40	62	1738	0.104	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	686	0.064	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	541	0.054	ug/L #	1
13) Acetone	2.32	43	3105	1.092	ug/L	77
15) Methyl Acetate	2.70	43	9568	1.270	ug/L #	59
17) Methyl tert-butyl Ether	3.00	73	236018	7.777	ug/L	96
19) 1,1-Dichloroethane	3.45	63	2972	0.119	ug/L #	85
25) Chloroform	4.68	83	1222	0.045	ug/L	79
30) Cyclohexane	4.99	56	2645	0.117	ug/L #	92
33) Benzene	5.39	78	16056	0.317	ug/L	100
35) Methylcyclohexane	6.33	83	16704	0.855	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8589	0.594	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	2161	0.118	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	10913	1.306	ug/L	94

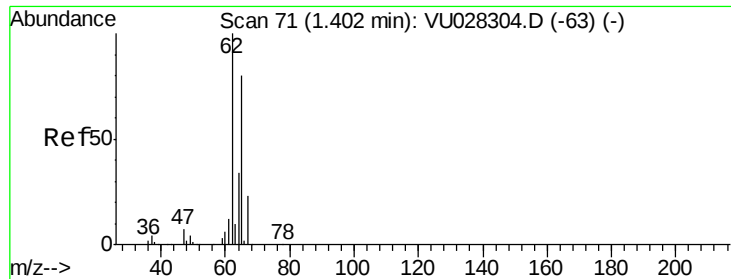
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028321.D
Acq On : 21 Nov 2018 15:50
Operator : MD/SY
Sample : J6026-22DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FP1DL

Quant Time: Nov 21 22:38:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 22:33:20 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.104 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028321.D

Acq: 21 Nov 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

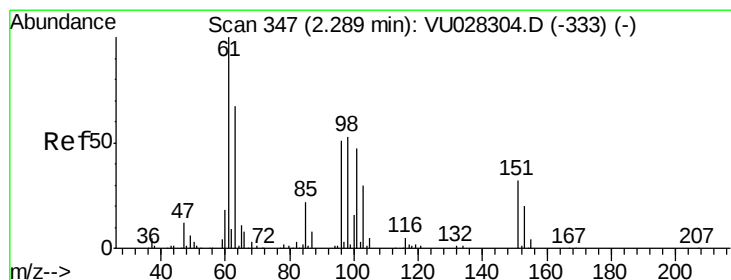
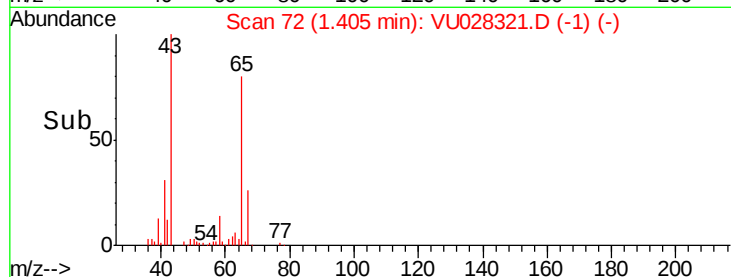
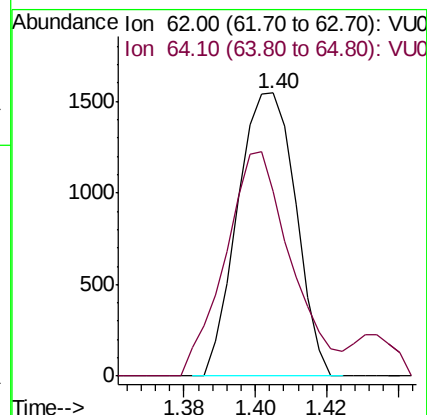
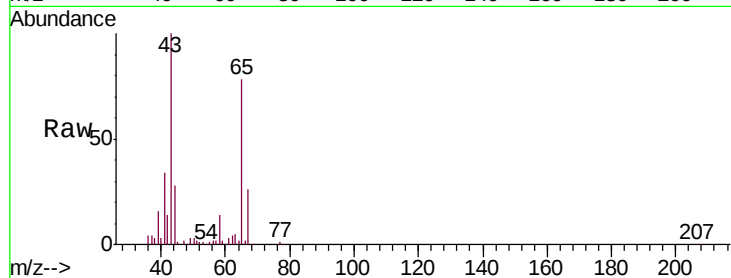
H0FP1DL

Tgt Ion: 62 Resp: 1738

Ion Ratio Lower Upper

62 100

64 65.4 21.7 40.3#



#10

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

Concen: 0.064 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU028321.D

Acq: 21 Nov 2018 15:50

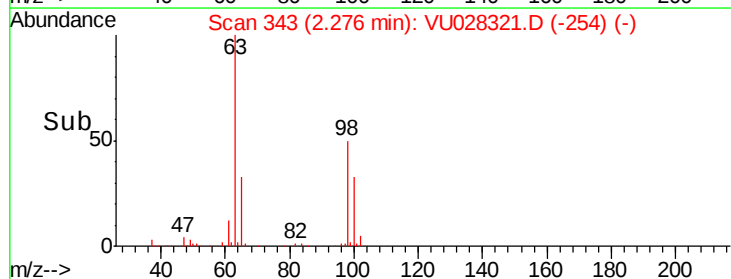
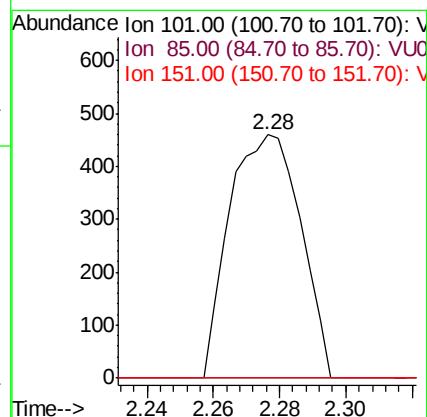
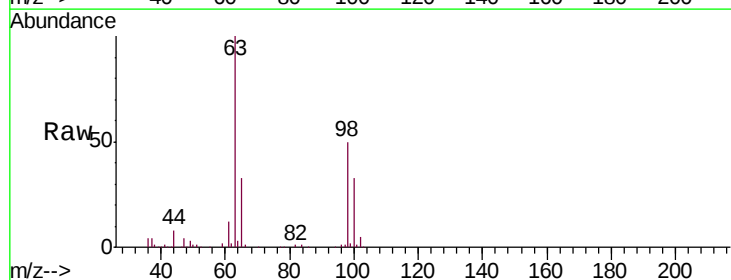
Tgt Ion: 101 Resp: 686

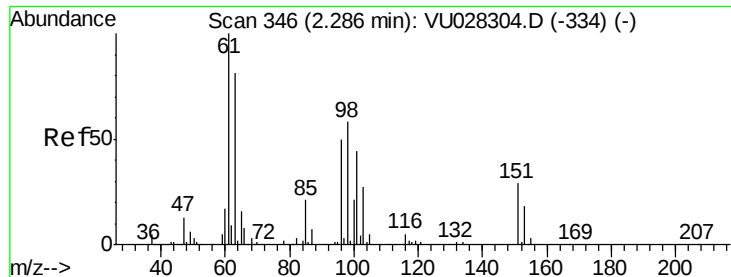
Ion Ratio Lower Upper

101 100

85 2.9 37.4 56.2#

151 0.0 55.0 82.4#





#12

1,1-Dichloroethene

Concen: 0.054 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU028321.D

Acq: 21 Nov 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

H0FP1DL

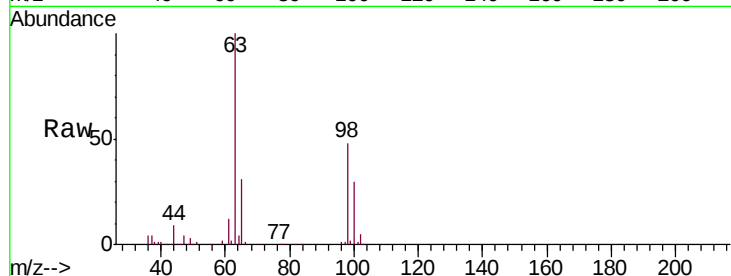
Tgt Ion: 96 Resp: 541

Ion Ratio Lower Upper

96 100

61 1687.7 145.5 270.1#

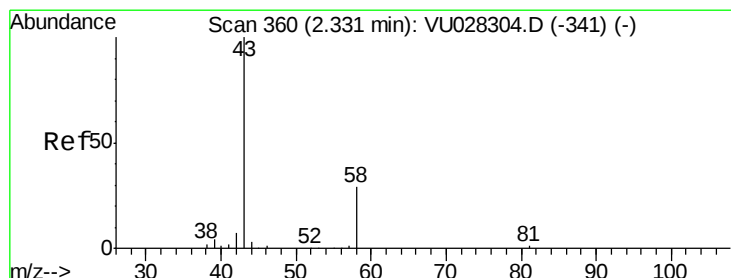
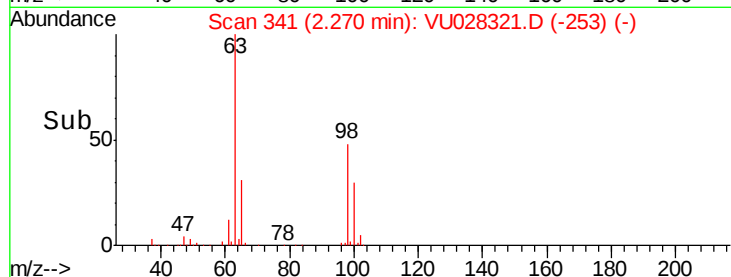
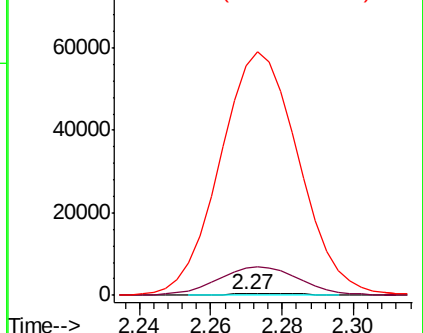
63 14274.6 98.6 183.2#



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: 1.092 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.01 min

Lab File: VU028321.D

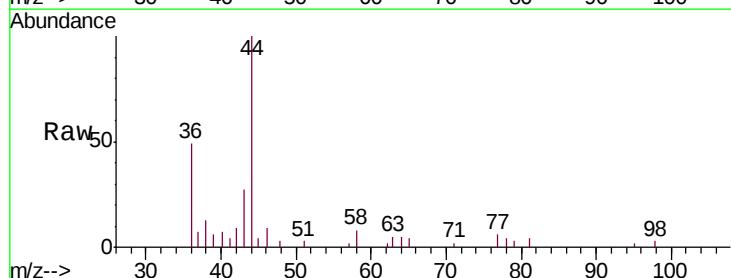
Acq: 21 Nov 2018 15:50

Tgt Ion: 43 Resp: 3105

Ion Ratio Lower Upper

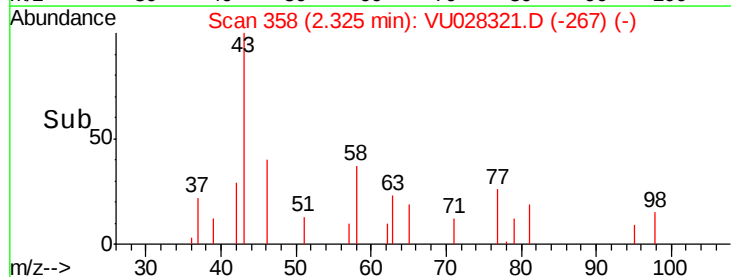
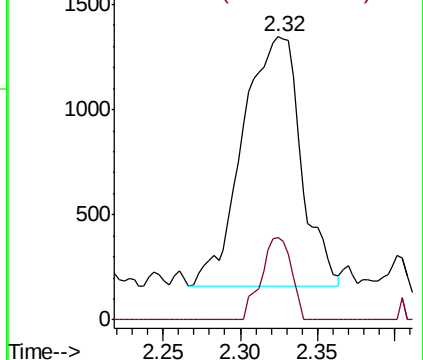
43 100

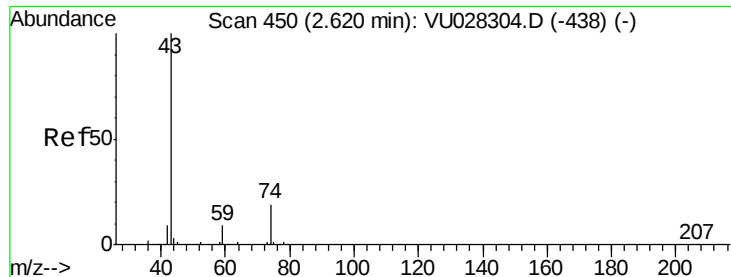
58 17.0 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 1.270 ug/L

RT: 2.70 min Scan# 476

Delta R.T. 0.08 min

Lab File: VU028321.D

Acq: 21 Nov 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

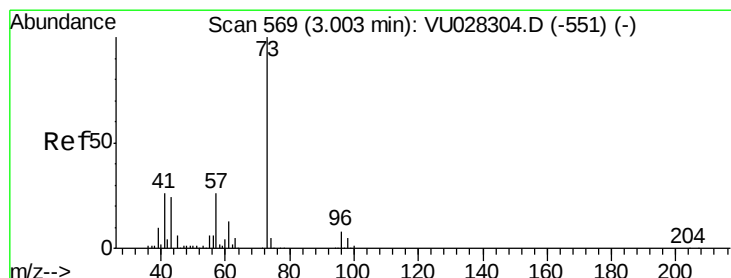
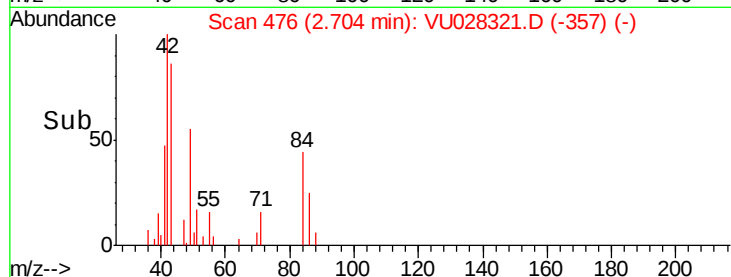
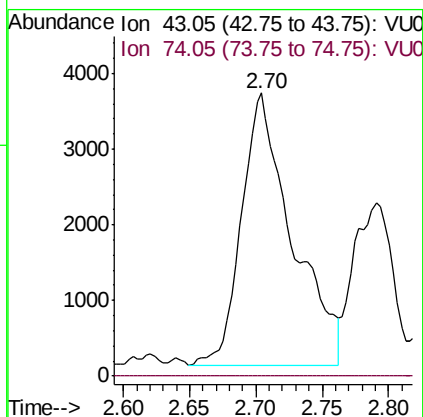
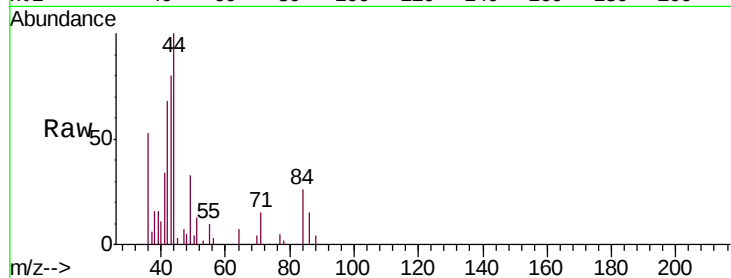
H0FP1DL

Tgt Ion: 43 Resp: 9568

Ion Ratio Lower Upper

43 100

74 0.2 14.7 22.1#



#17

Methyl tert-butyl Ether

Concen: 7.777 ug/L

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU028321.D

Acq: 21 Nov 2018 15:50

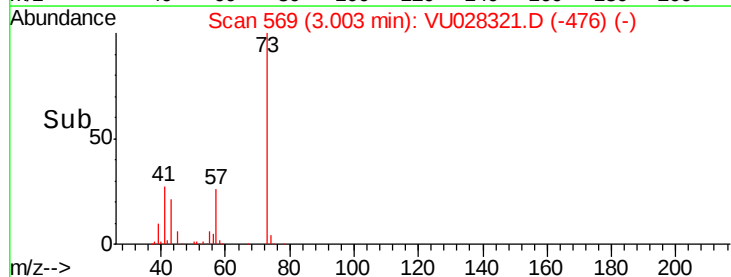
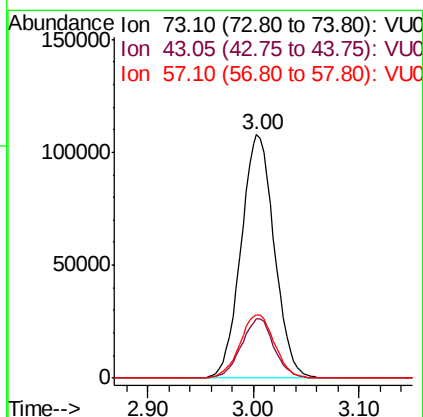
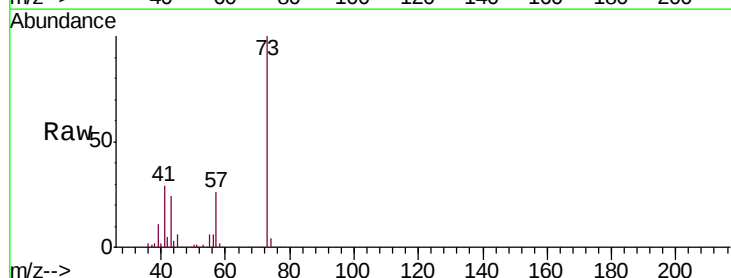
Tgt Ion: 73 Resp: 236018

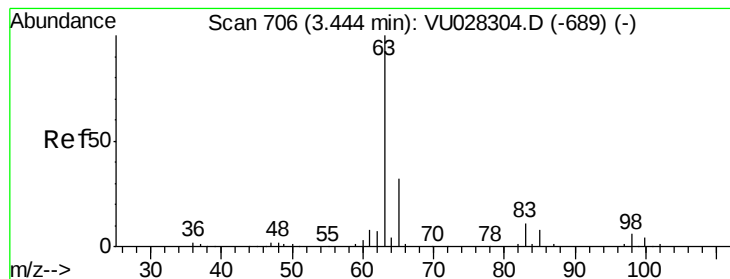
Ion Ratio Lower Upper

73 100

43 23.8 18.8 28.2

57 27.2 19.2 28.8





#19

1,1-Dichloroethane

Concen: 0.119 ug/L

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU028321.D

Acq: 21 Nov 2018 15:50

Instrument :

MSVOA_U

ClientSampleId :

H0FP1DL

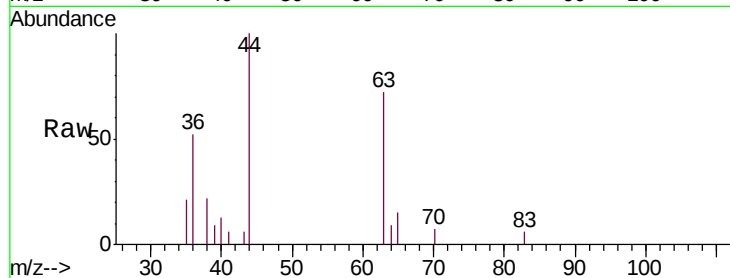
Tgt Ion: 63 Resp: 2972

Ion Ratio Lower Upper

63 100

65 21.3 21.2 39.4

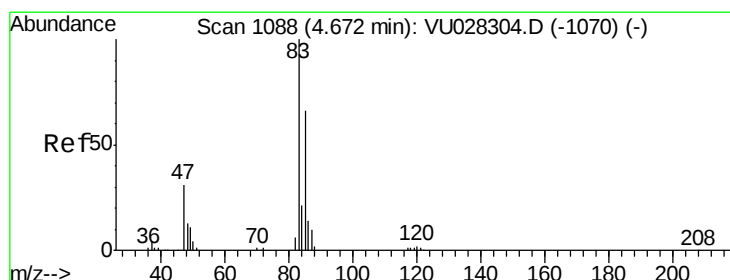
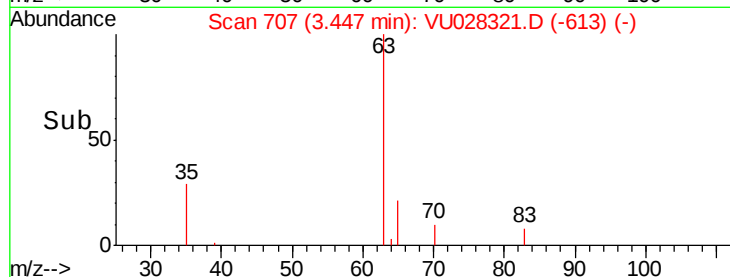
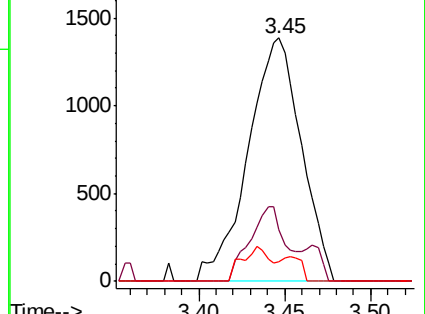
83 8.0 8.8 16.4#



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



#25

Chloroform

Concen: 0.045 ug/L

RT: 4.68 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VU028321.D

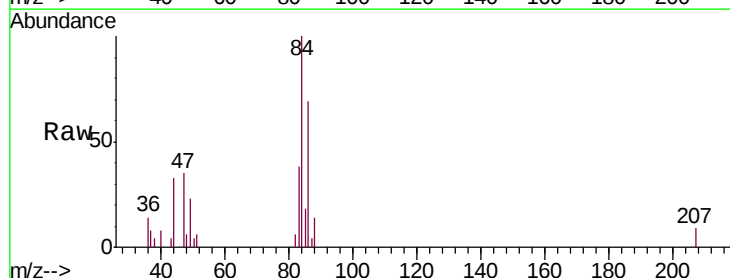
Acq: 21 Nov 2018 15:50

Tgt Ion: 83 Resp: 1222

Ion Ratio Lower Upper

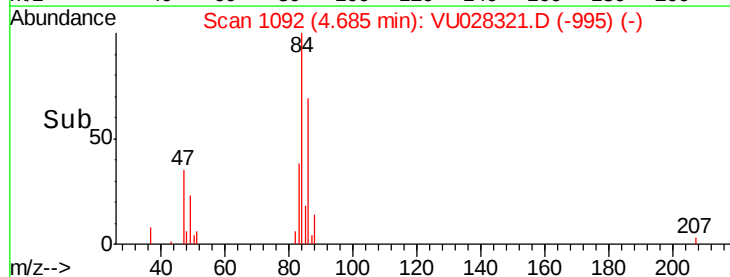
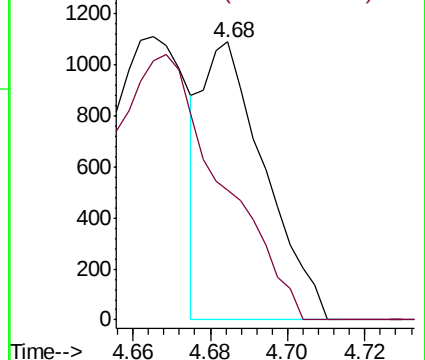
83 100

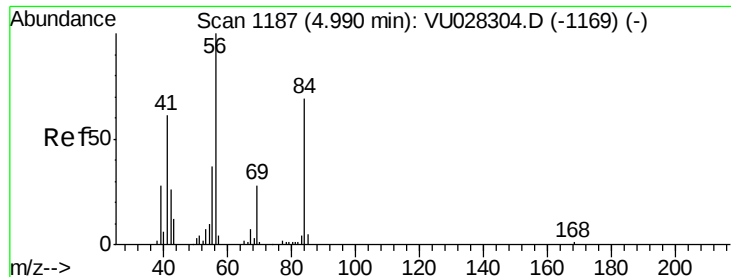
85 46.9 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

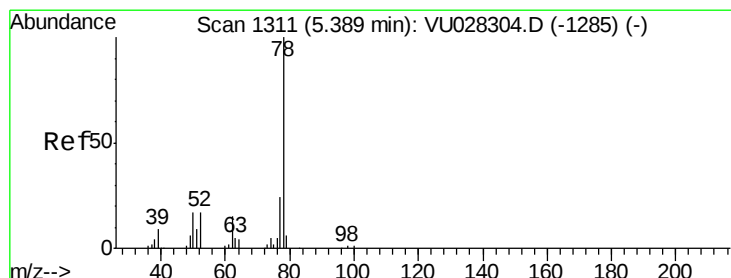
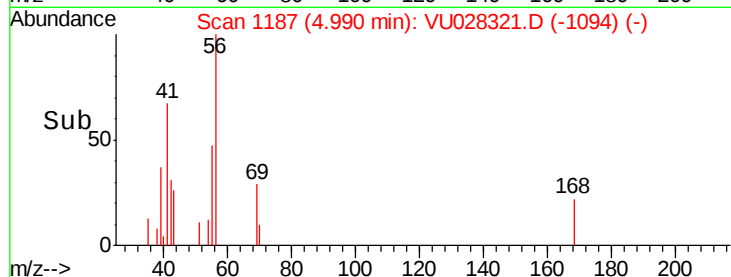
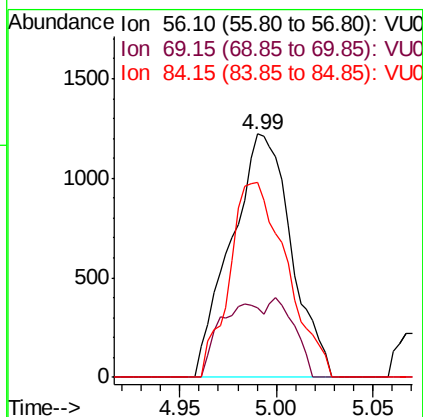
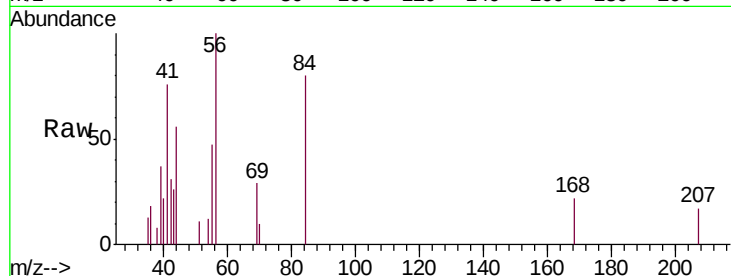




#30
Cyclohexane
Concen: 0.117 ug/L
RT: 4.99 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU028321.D
Acq: 21 Nov 2018 15:50

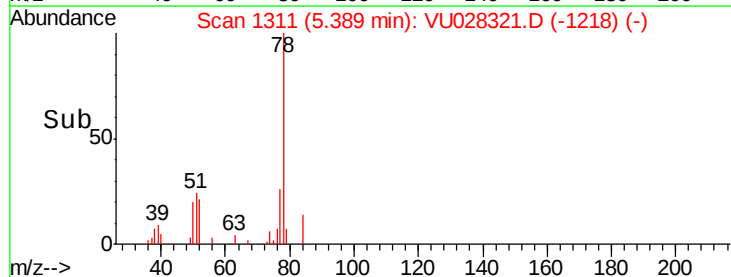
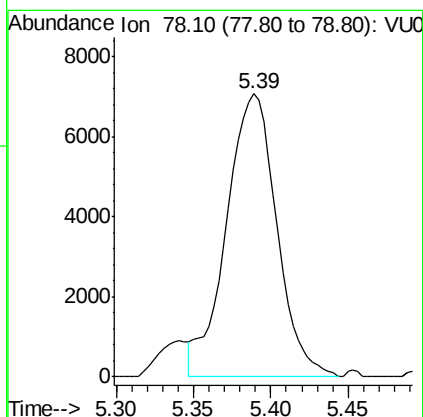
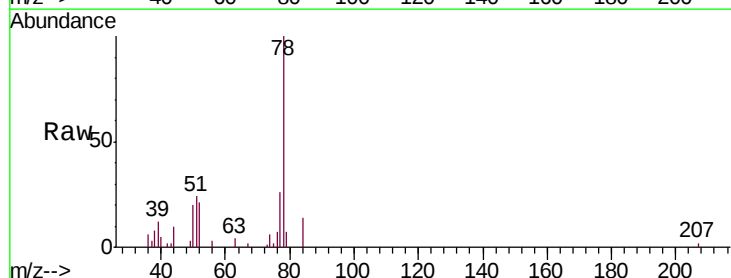
Instrument :
MSVOA_U
ClientSampleId :
H0FP1DL

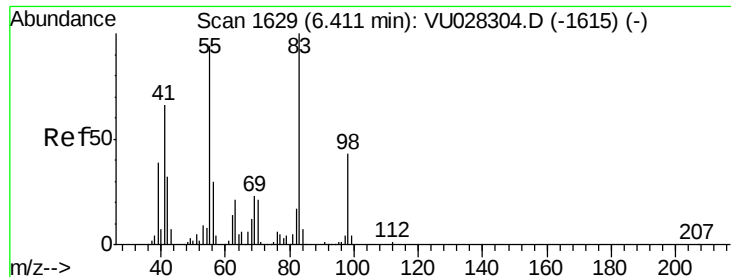
Tgt Ion: 56 Resp: 2645
Ion Ratio Lower Upper
56 100
69 21.9 22.0 33.0#
84 76.0 56.0 84.0



#33
Benzene
Concen: 0.317 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028321.D
Acq: 21 Nov 2018 15:50

Tgt Ion: 78 Resp: 16056

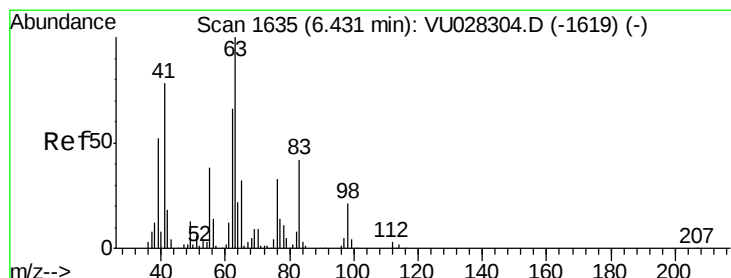
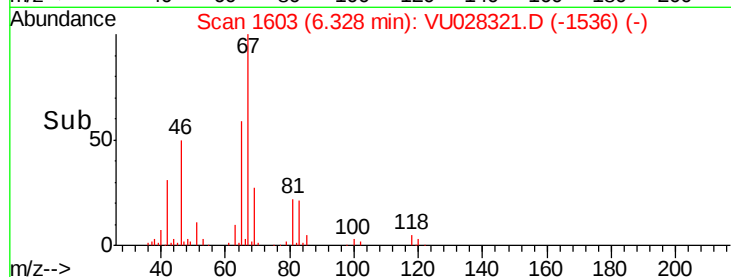
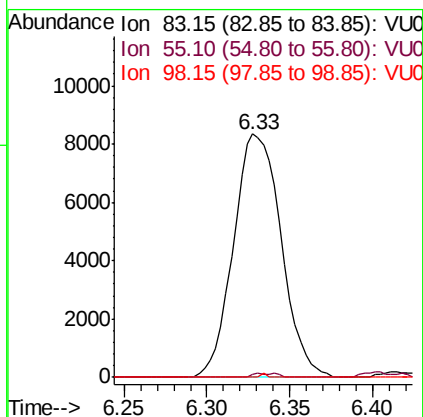
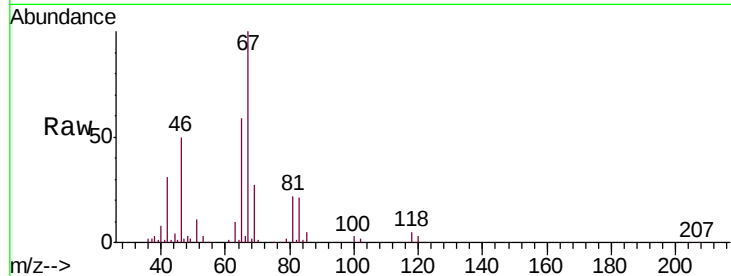




#35
Methylcyclohexane
Concen: 0.855 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.08 min
Lab File: VU028321.D
Acq: 21 Nov 2018 15:50

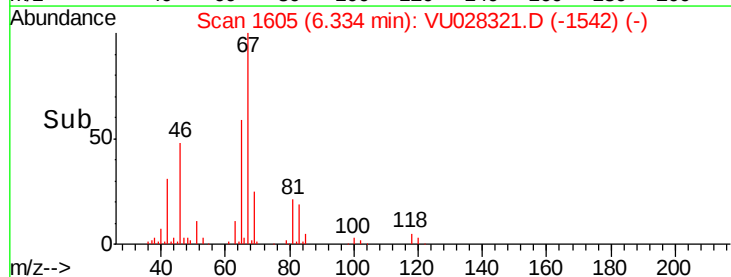
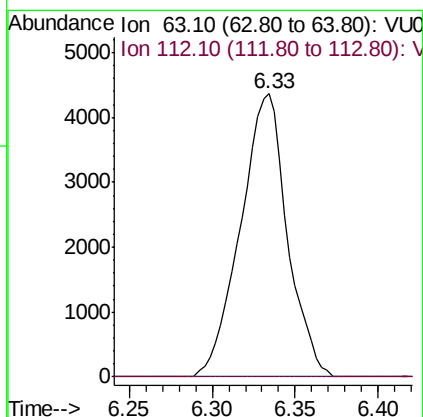
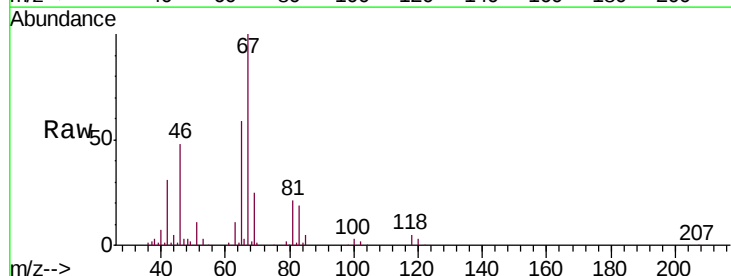
Instrument :
MSVOA_U
ClientSampleId :
H0FP1DL

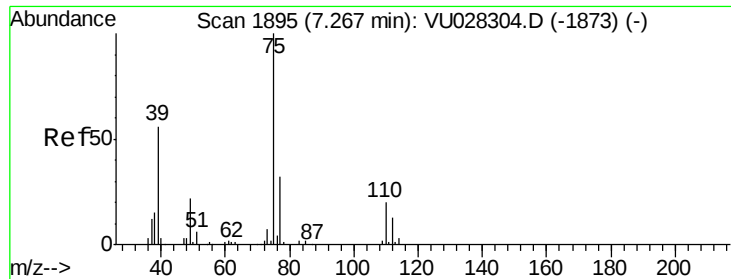
Tgt Ion: 83 Resp: 16704
Ion Ratio Lower Upper
83 100
55 0.4 73.2 109.8#
98 0.2 33.4 50.2#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU028321.D
Acq: 21 Nov 2018 15:50

Tgt Ion: 63 Resp: 8589
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



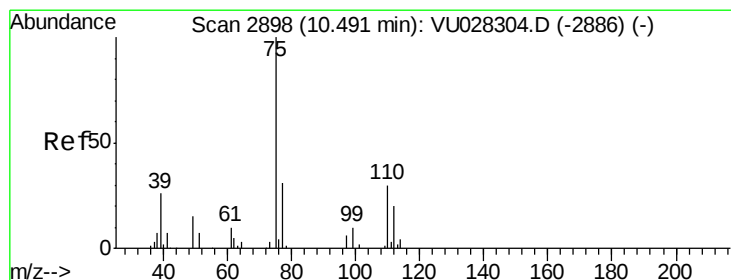
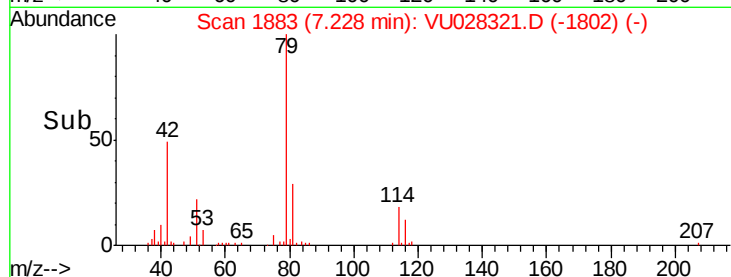
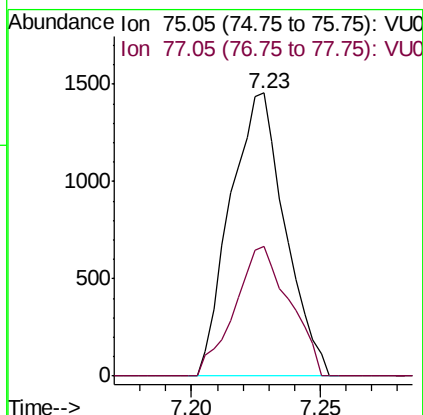
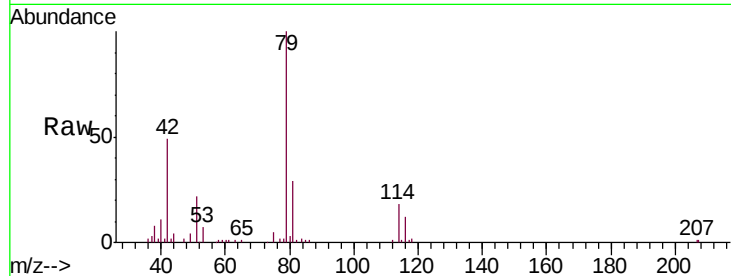


#39

cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028321.D
 Acq: 21 Nov 2018 15:50

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP1DL

Tgt Ion: 75 Resp: 2161
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.7 40.3#



#59

1,2,3-Trichloropropane
 Concen: 1.306 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU028321.D
 Acq: 21 Nov 2018 15:50

Tgt Ion: 75 Resp: 10913
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.7 38.5

