

Data File : VU028264.D
Acq On : 19 Nov 2018 18:49
Operator : MD/SY
Sample : J5986-06DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ0DL

Quant Time: Nov 20 07:13:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	132037	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	128337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42213	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.68	69	39100	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.28	63	63392	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.20	46	149872	45.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	4.65	84	79481	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	45046	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.34	84	159938	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.33	67	60626	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.57	98	136865	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	16811	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.31	63	104156	40.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44024	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	48182	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

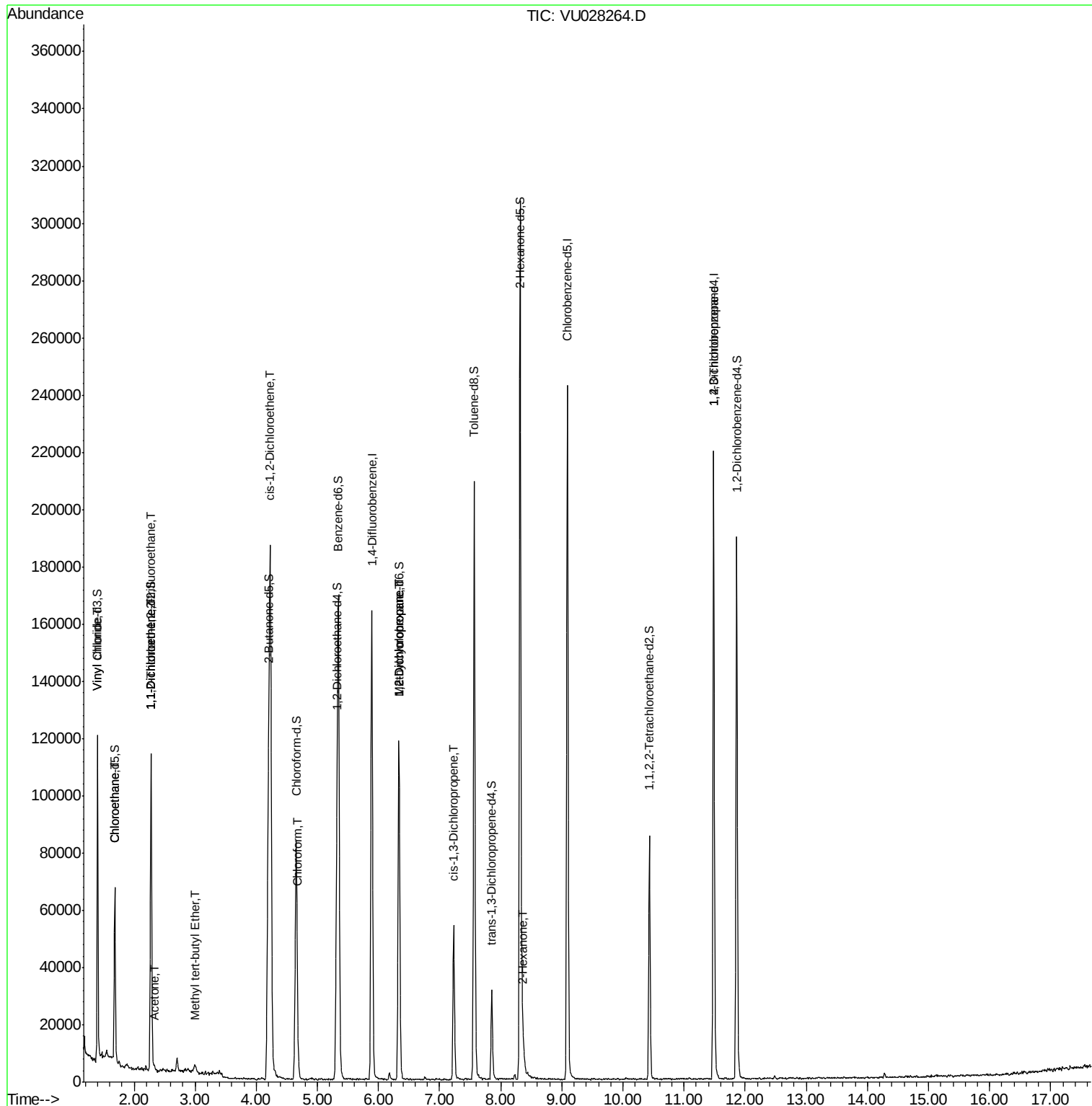
					Qvalue
5) Vinyl chloride	1.40	62	31915	2.381	ug/L 88
8) Chloroethane	1.68	64	825	0.104	ug/L # 57
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	482	0.056	ug/L # 21
12) 1,1-Dichloroethene	2.28	96	421	0.052	ug/L # 1
13) Acetone	2.33	43	1145	0.501	ug/L 86
17) Methyl tert-butyl Ether	3.01	73	1538	0.063	ug/L # 82
22) cis-1,2-Dichloroethene	4.23	96	84393	8.246	ug/L 93
25) Chloroform	4.68	83	4173	0.192	ug/L 99
35) Methylcyclohexane	6.33	83	12093	0.740	ug/L # 15
37) 1,2-Dichloropropane	6.33	63	5974	0.494	ug/L # 92
39) cis-1,3-Dichloropropene	7.23	75	867	0.057	ug/L # 37
48) 2-Hexanone	8.37	43	3943	0.640	ug/L # 49
59) 1,2,3-Trichloropropane	11.48	75	7445	1.066	ug/L 98

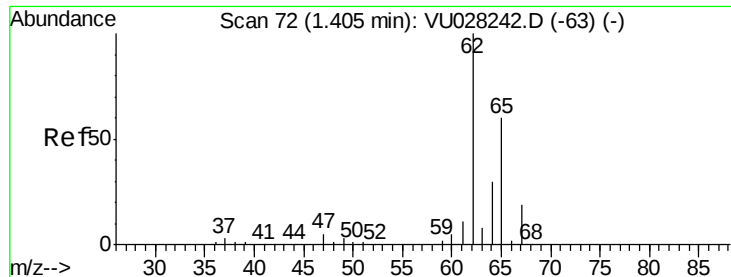
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU028264.D
Acq On : 19 Nov 2018 18:49
Operator : MD/SY
Sample : J5986-06DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FJ0DL

Quant Time: Nov 20 07:13:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.381 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

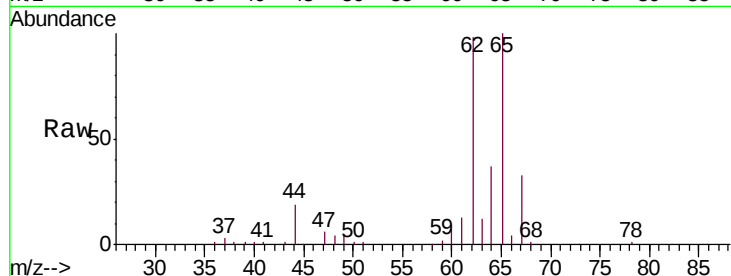
H0FJ0DL

Tgt Ion: 62 Resp: 31915

Ion Ratio Lower Upper

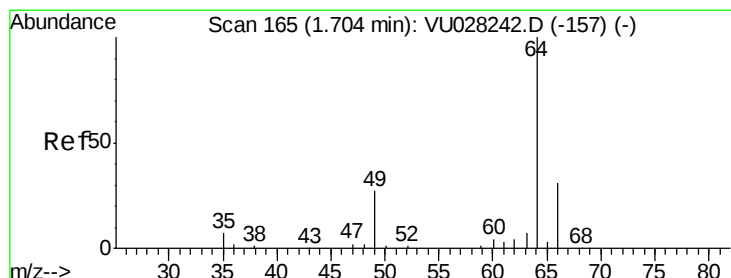
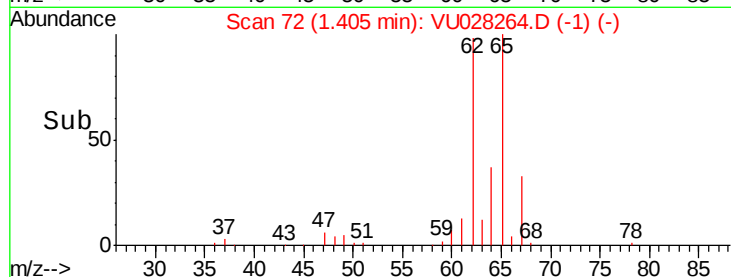
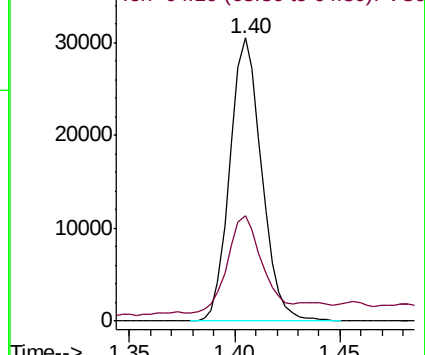
62 100

64 37.4 21.7 40.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.104 ug/L

RT: 1.68 min Scan# 159

Delta R.T. -0.02 min

Lab File: VU028264.D

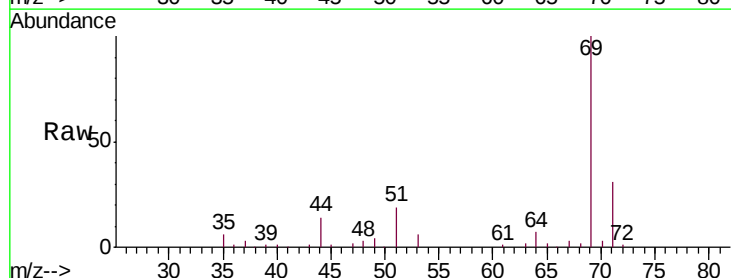
Acq: 19 Nov 2018 18:49

Tgt Ion: 64 Resp: 825

Ion Ratio Lower Upper

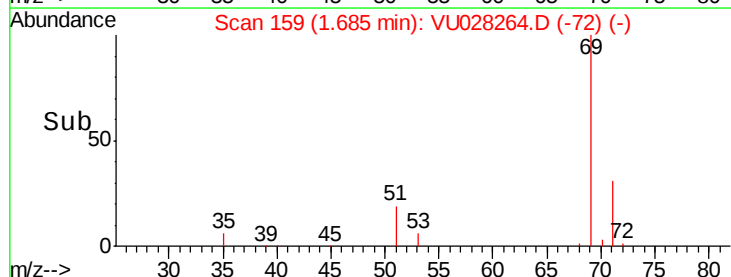
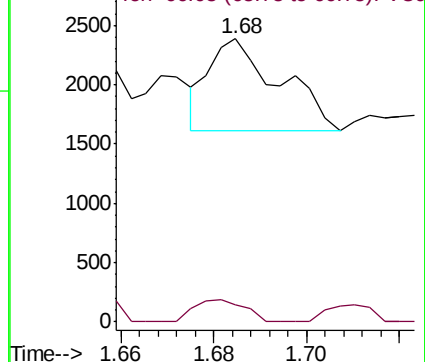
64 100

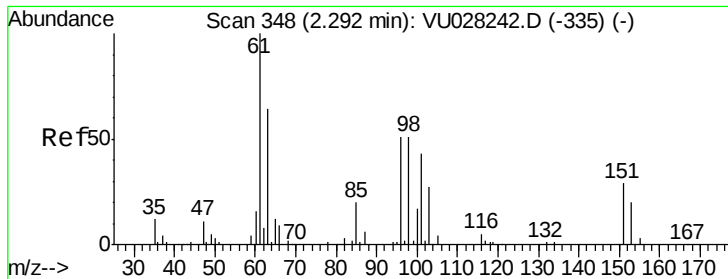
66 6.2 20.7 38.5#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.056 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleID :

H0FJ0DL

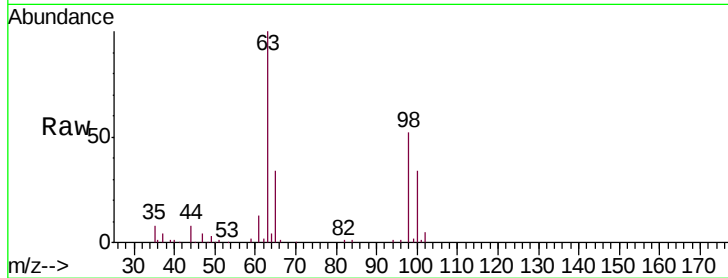
Tgt Ion: 101 Resp: 482

Ion Ratio Lower Upper

101 100

85 0.0 37.4 56.2#

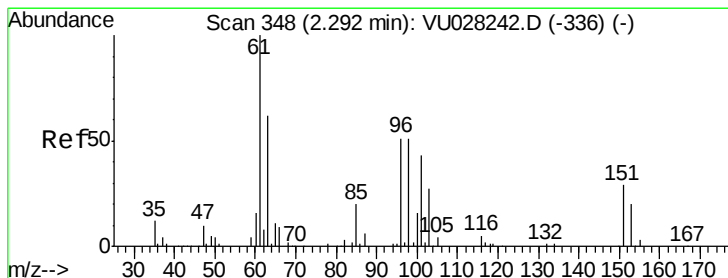
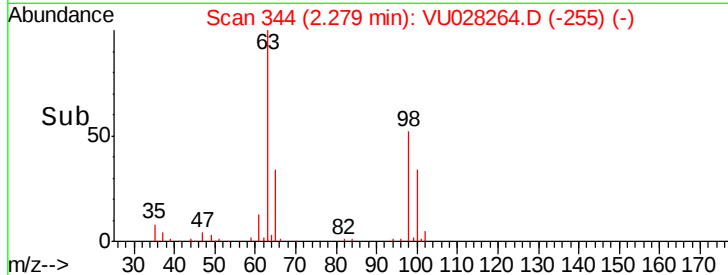
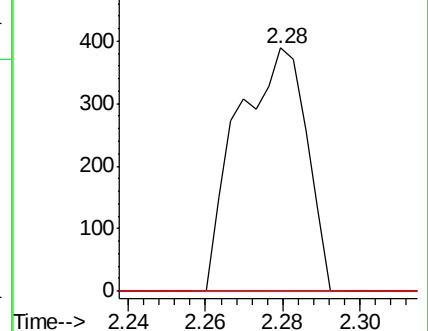
151 0.0 55.0 82.4#



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: 0.052 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

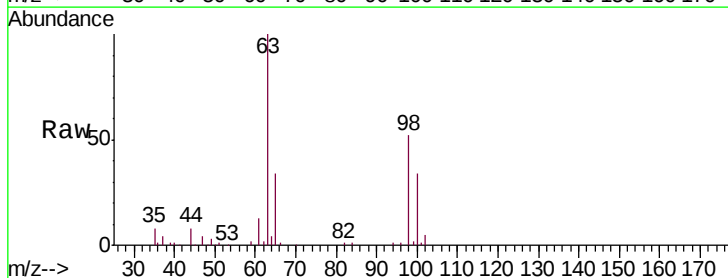
Tgt Ion: 96 Resp: 421

Ion Ratio Lower Upper

96 100

61 1508.3 145.5 270.1#

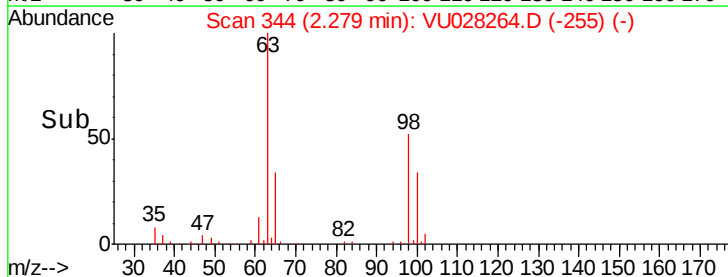
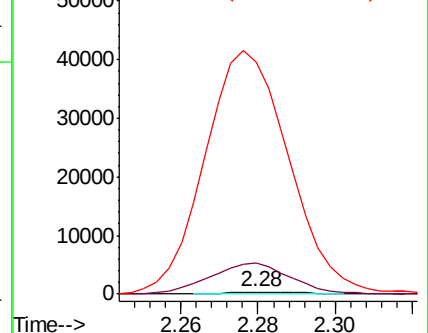
63 11397.7 98.6 183.2#

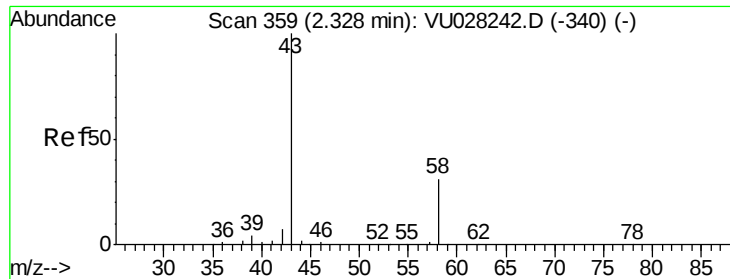


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.501 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

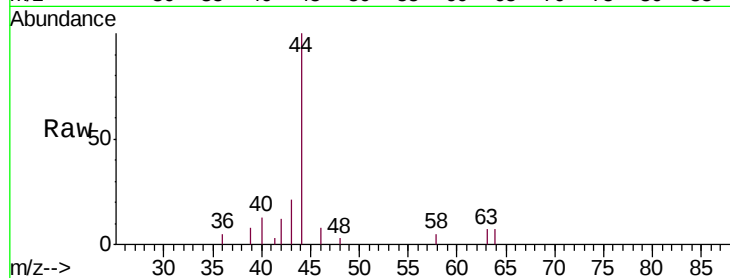
H0FJ0DL

Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

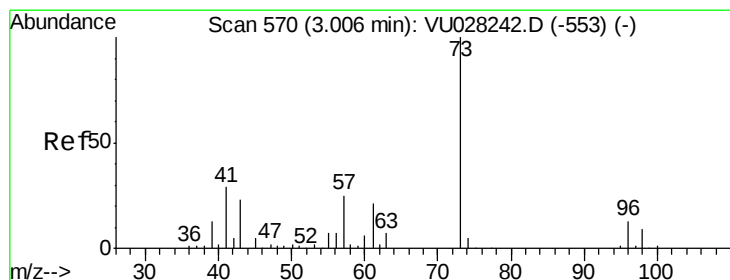
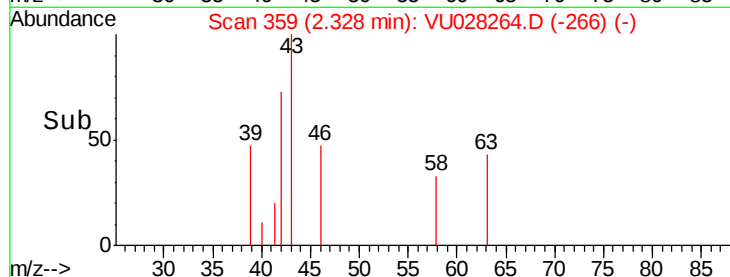
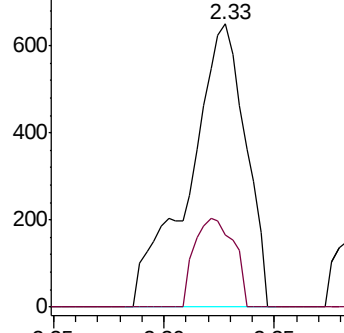
43 100

58 22.0 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#17

Methyl tert-butyl Ether

Concen: 0.063 ug/L

RT: 3.01 min Scan# 570

Delta R.T. 0.00 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

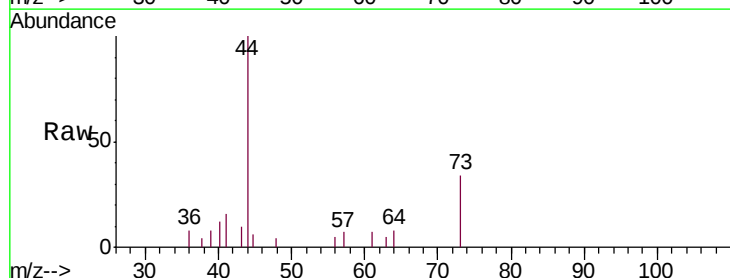
Tgt Ion: 73 Resp: 1538

Ion Ratio Lower Upper

73 100

43 35.5 18.8 28.2#

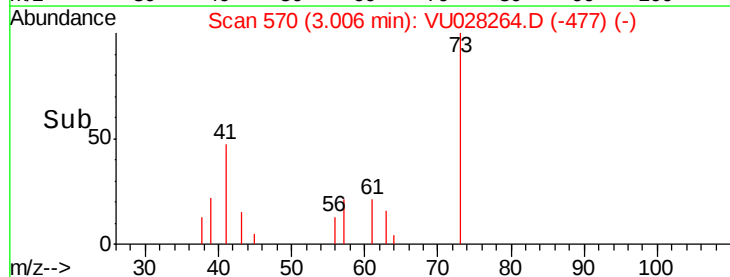
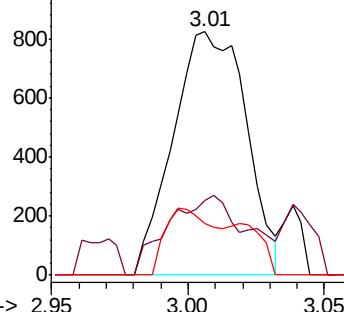
57 18.3 19.2 28.8#

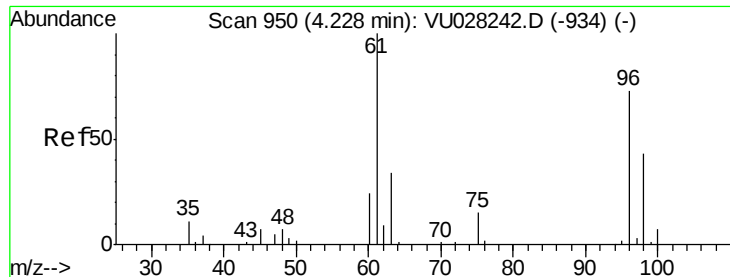


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 8.246 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

H0FJ0DL

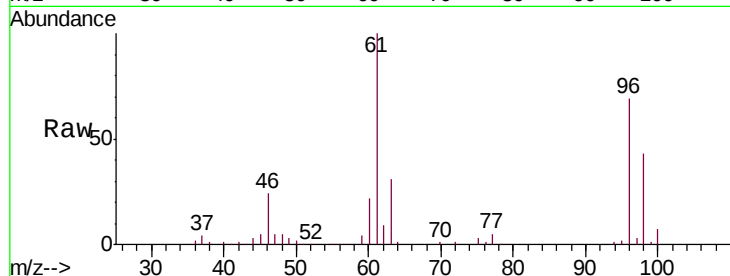
Tgt Ion: 96 Resp: 84393

Ion Ratio Lower Upper

96 100

61 145.9 108.0 200.6

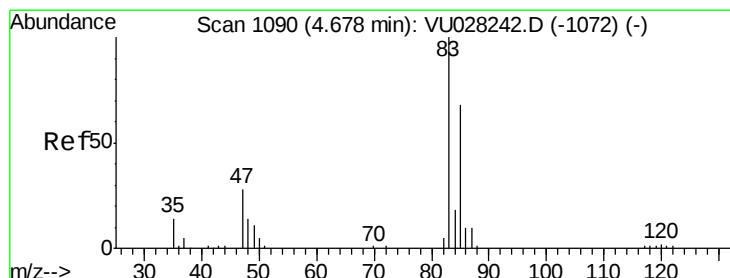
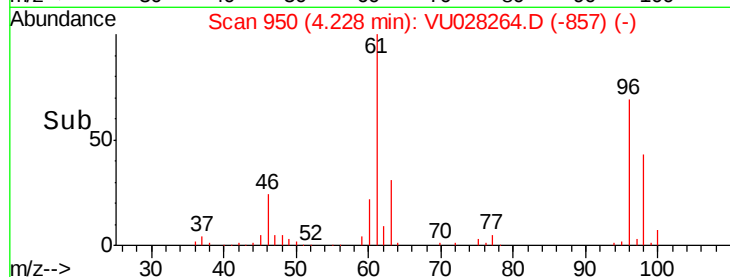
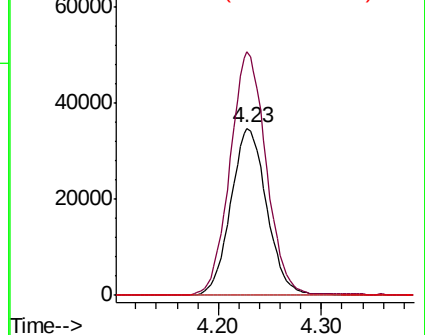
68 0.0 0.0 0.0



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: 0.192 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU028264.D

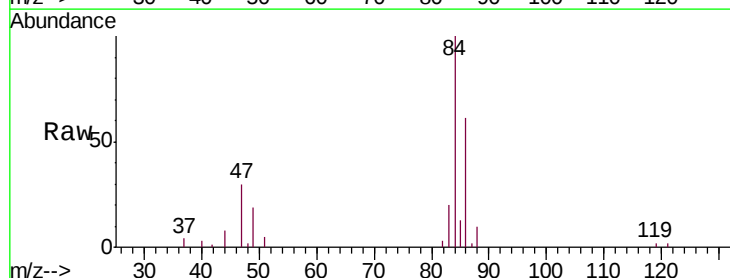
Acq: 19 Nov 2018 18:49

Tgt Ion: 83 Resp: 4173

Ion Ratio Lower Upper

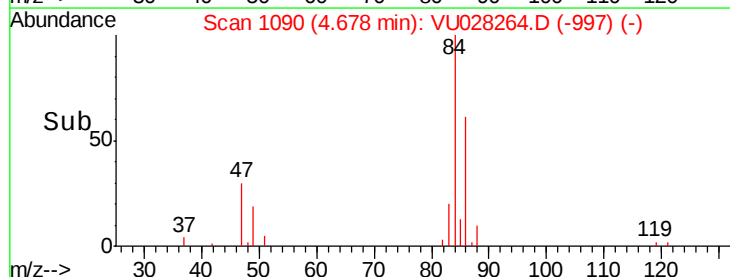
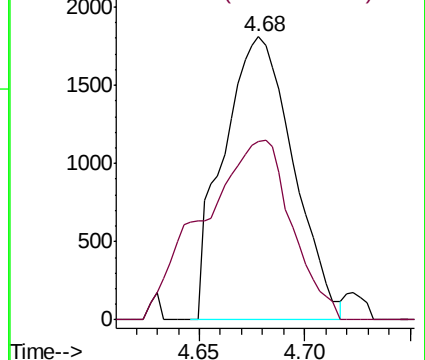
83 100

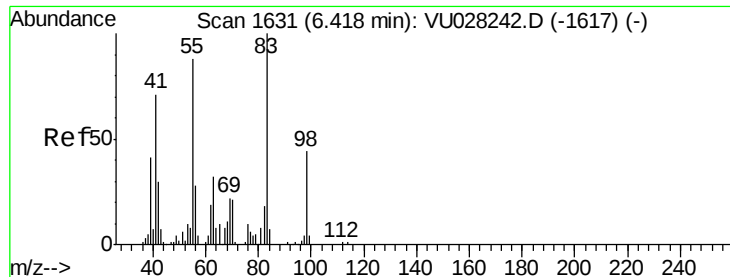
85 63.0 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#35

Methylcyclohexane

Concen: 0.740 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

H0FJ0DL

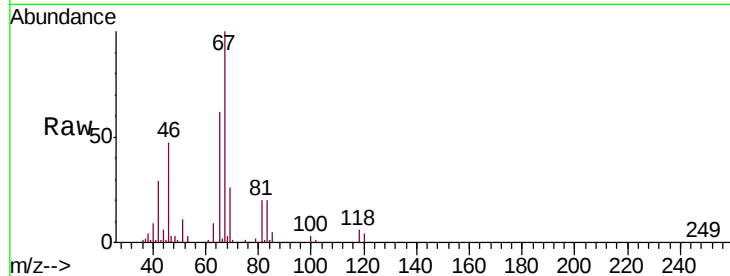
Tgt Ion: 83 Resp: 12093

Ion Ratio Lower Upper

83 100

55 0.2 73.2 109.8#

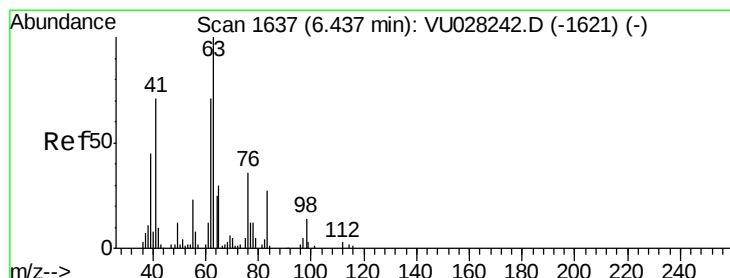
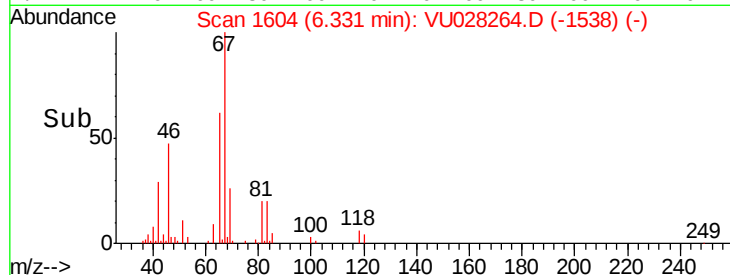
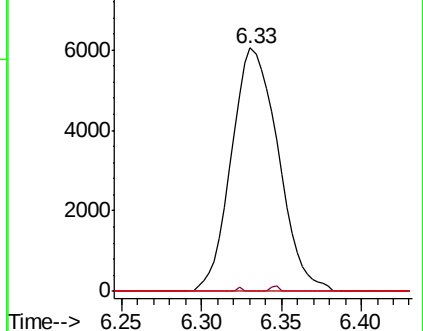
98 3.1 33.4 50.2#



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: 0.494 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU028264.D

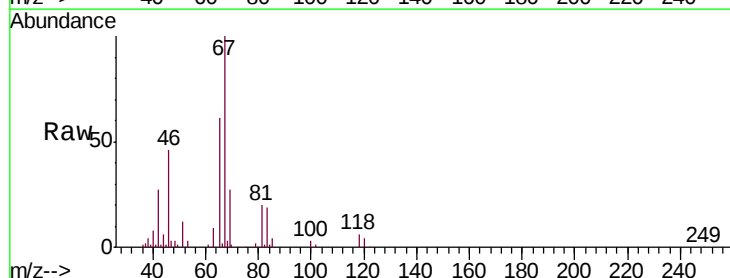
Acq: 19 Nov 2018 18:49

Tgt Ion: 63 Resp: 5974

Ion Ratio Lower Upper

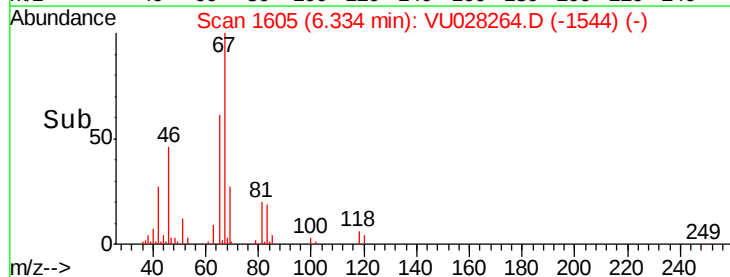
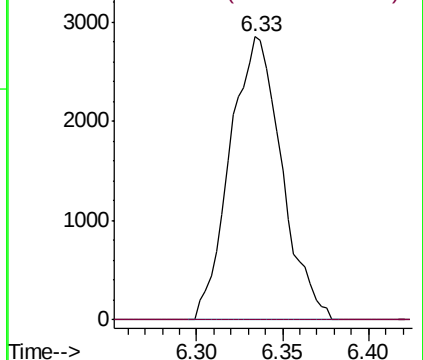
63 100

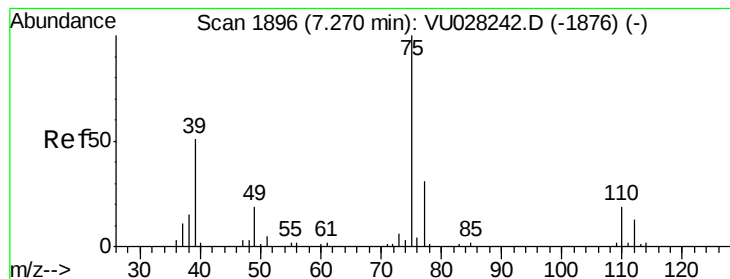
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



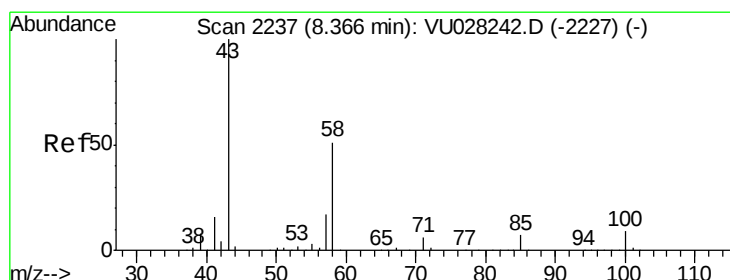
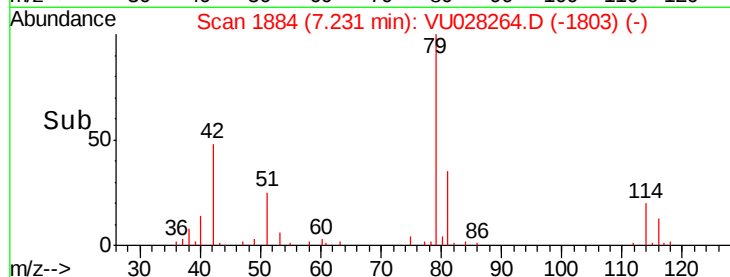
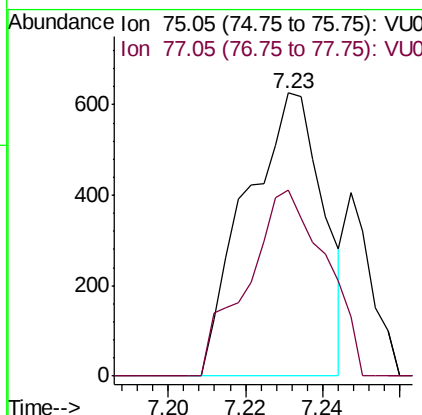
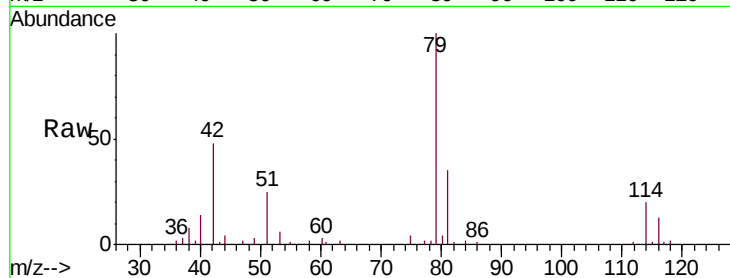


#39

cis-1,3-Dichloropropene
 Concen: 0.057 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU028264.D
 Acq: 19 Nov 2018 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FJ0DL

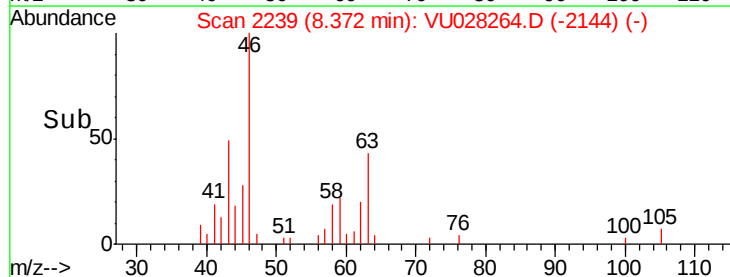
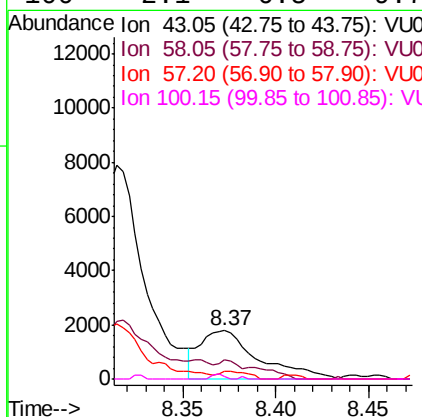
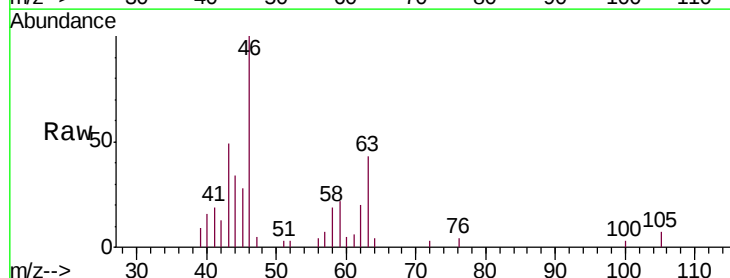
Tgt Ion: 75 Resp: 867
 Ion Ratio Lower Upper
 75 100
 77 65.8 21.7 40.3#

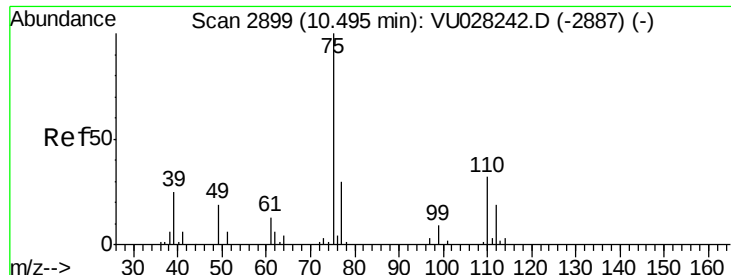


#48

2-Hexanone
 Concen: 0.640 ug/L
 RT: 8.37 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: VU028264.D
 Acq: 19 Nov 2018 18:49

Tgt Ion: 43 Resp: 3943
 Ion Ratio Lower Upper
 43 100
 58 5.1 41.1 61.7#
 57 7.5 13.8 20.8#
 100 2.1 6.5 9.7#





#59

1,2,3-Trichloropropane

Concen: 1.066 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028264.D

Acq: 19 Nov 2018 18:49

Instrument :

MSVOA_U

ClientSampleId :

H0FJ0DL

Tgt Ion: 75 Resp: 7445

Ion Ratio Lower Upper

75 100

77 33.5 25.7 38.5

