

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037276.D
 Acq On : 14 Mar 2020 20:42
 Operator : JC/MD
 Sample : L1923-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONH4

Quant Time: Mar 16 05:20:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	122819	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34721	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	30905	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.59	63	49794	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.67	46	92581	44.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.76%
24) Chloroform-d	5.11	84	75490	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.74	65	43656	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.76	84	134037	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	43880	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.92	98	118125	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	16350	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.66	63	73077	45.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	34612	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	43990	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

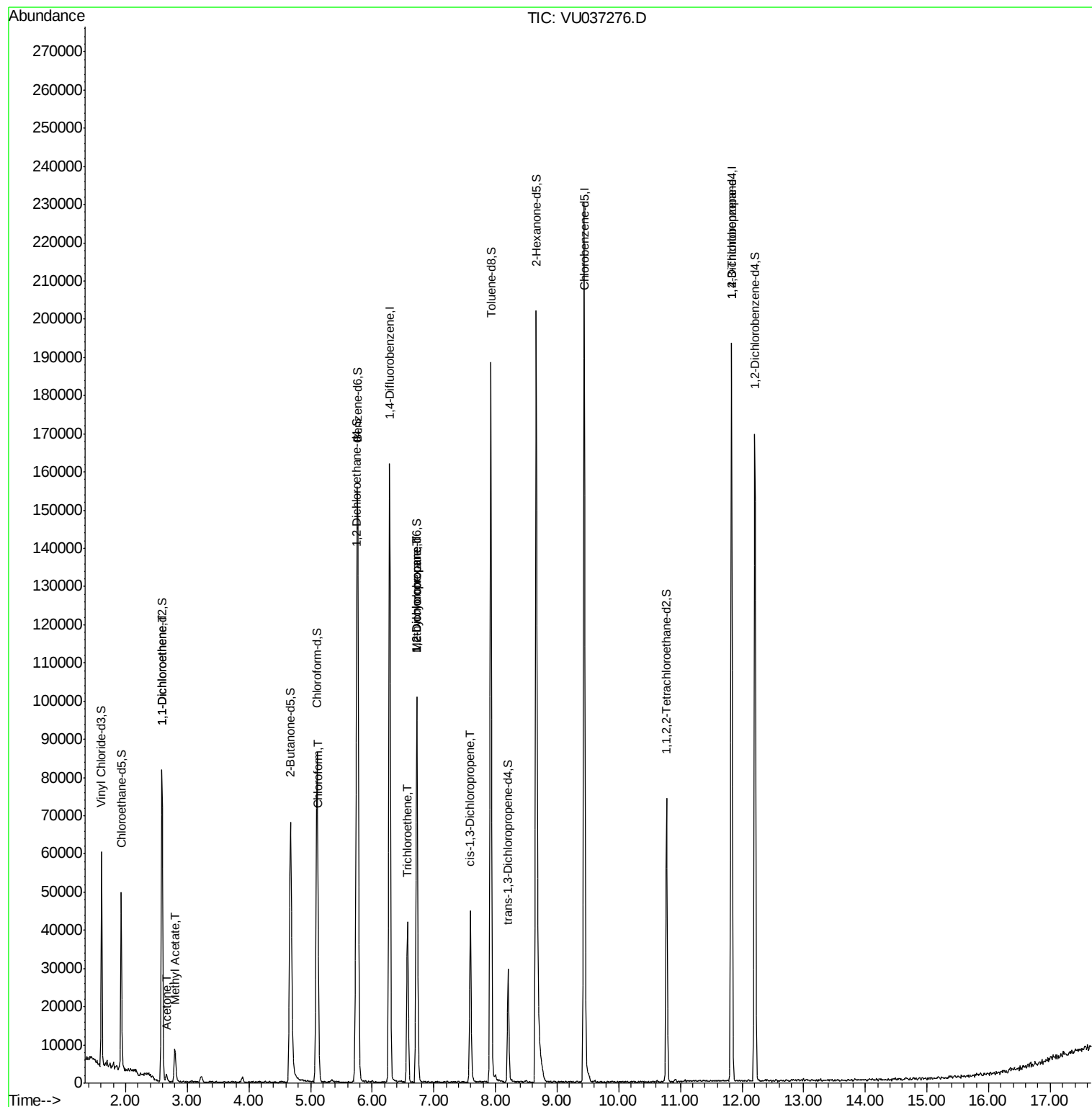
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	594	0.074	ug/L #	1
13) Acetone	2.66	43	2590	1.532	ug/L	78
15) Methyl Acetate	2.80	43	2700	0.683	ug/L #	55
25) Chloroform	5.13	83	6070	0.324	ug/L	93
34) Trichloroethene	6.58	95	14395	1.500	ug/L	98
35) Methylcyclohexane	6.72	83	10480	0.707	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	5459	0.584	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1425	0.106	ug/L #	74
59) 1,2,3-Trichloropropane	11.83	75	6653	0.994	ug/L	95

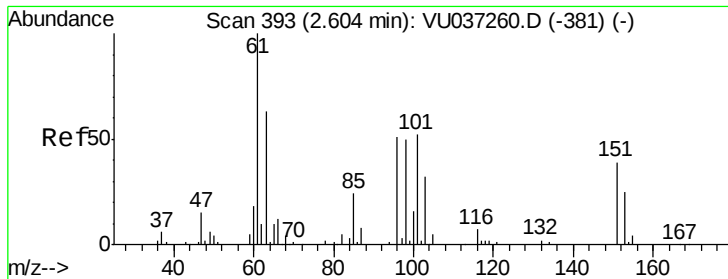
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 05:16:55 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037276.D

Acq: 14 Mar 2020 20:42

Instrument :

MSVOA_U

ClientSampled :

CONH4

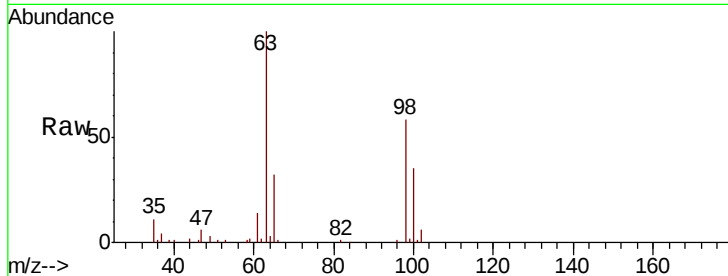
Tot Ion: 96 Resp: 594

Ion Ratio Lower Upper

96 100

61 1079.9 136.4 253.2#

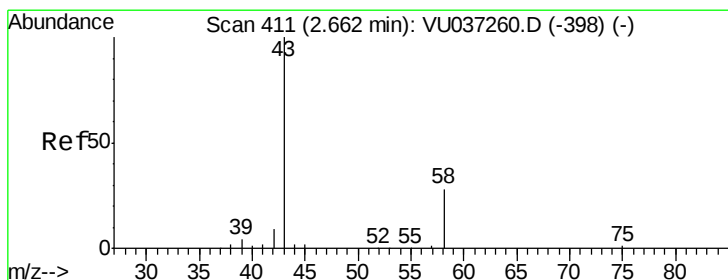
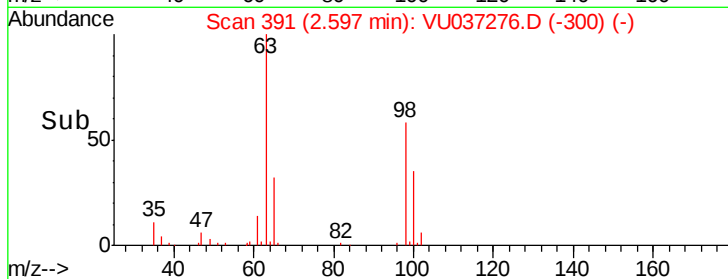
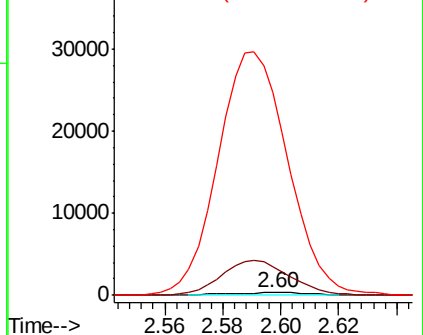
63 7512.2 86.2 160.0#



Abundance Ion 96.00 (95.70 to 96.70): VU037276.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU037276.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU037276.D (-390) (-)



#13

Acetone

Concen: 1.532 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU037276.D

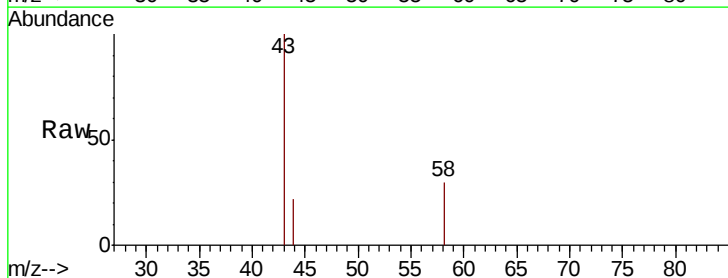
Acq: 14 Mar 2020 20:42

Tgt Ion: 43 Resp: 2590

Ion Ratio Lower Upper

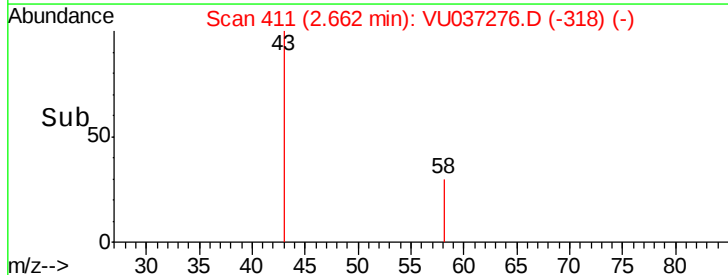
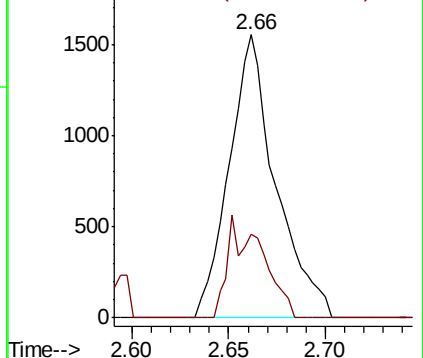
43 100

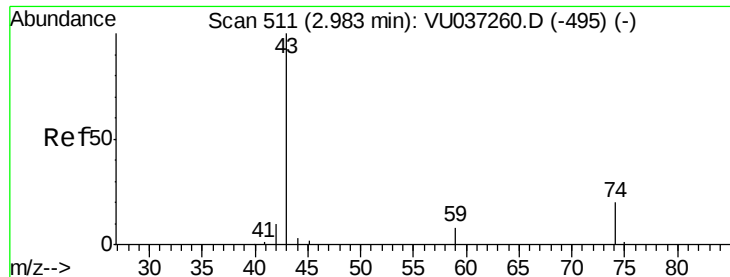
58 14.6 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037276.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU037276.D (-318) (-)





#15

Methvl Acetate

Concen: 0.683 ug/L

RT: 2.80 min Scan# 453

Delta R.T. -0.19 min

Lab File: VU037276.D

Acq: 14 Mar 2020 20:42

Instrument :

MSVOA_U

ClientSampleId :

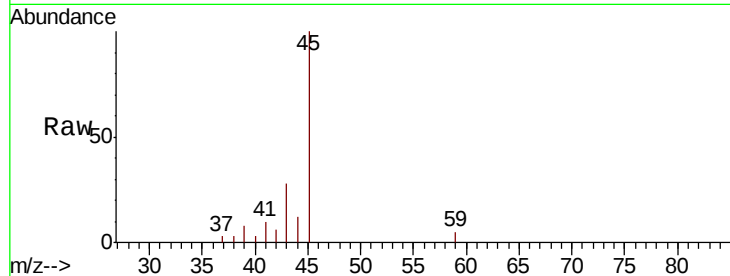
CONH4

Tot Ion: 43 Resp: 2700

Ion Ratio Lower Upper

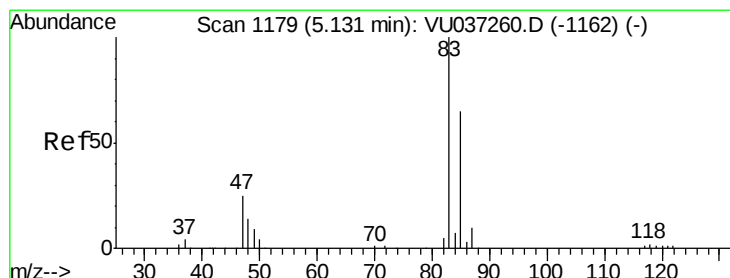
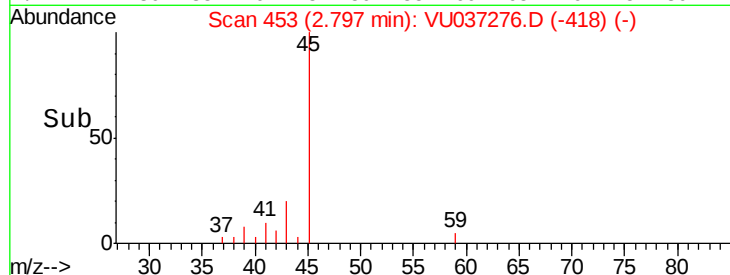
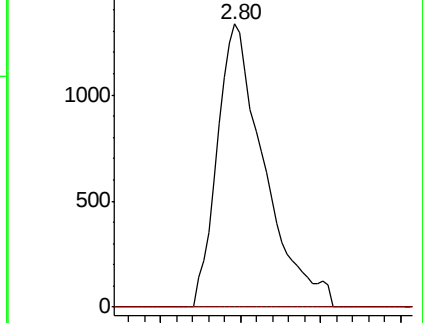
43 100

74 0.0 17.1 25.7#



Abundance Ion 43.05 (42.75 to 43.75): VU037276.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VU037276.D (-418) (-)



#25

Chloroform

Concen: 0.324 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037276.D

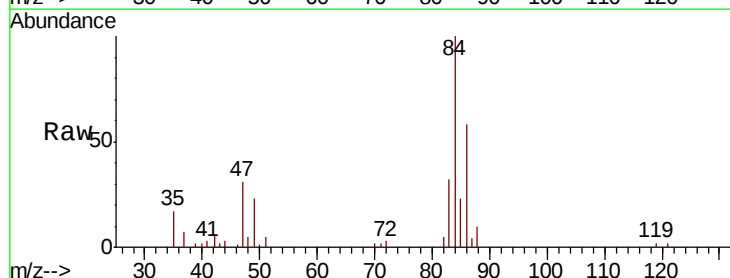
Acq: 14 Mar 2020 20:42

Tgt Ion: 83 Resp: 6070

Ion Ratio Lower Upper

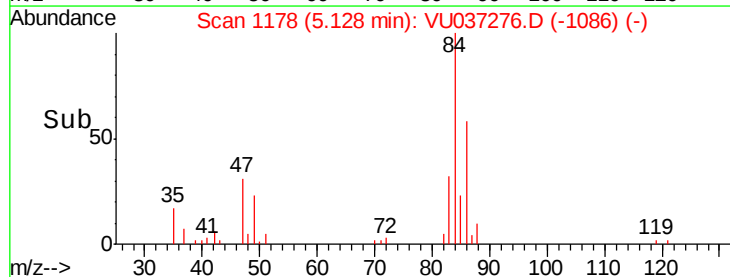
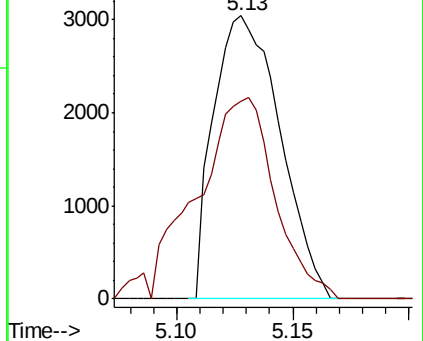
83 100

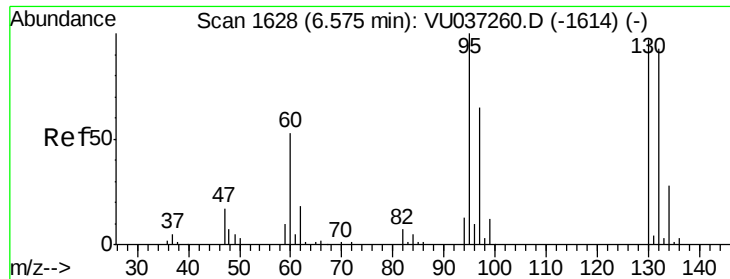
85 69.9 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU037276.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU037276.D (-1086) (-)





#34

Trichloroethene

Concen: 1.500 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VU037276.D

Acq: 14 Mar 2020 20:42

Instrument :

MSVOA_U

ClientSampleId :

CONH4

Tot Ion: 95 Resp: 14395

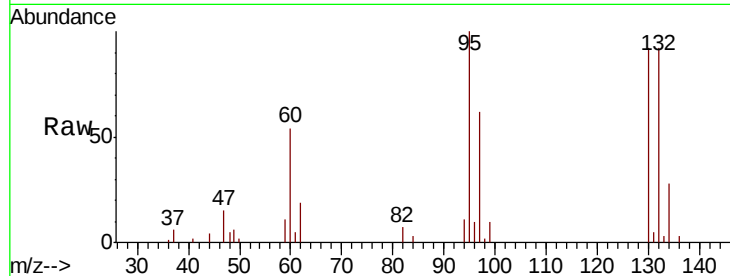
Ion Ratio Lower Upper

95 100

97 62.1 45.4 84.4

132 92.4 63.7 118.3

130 92.1 64.8 120.4

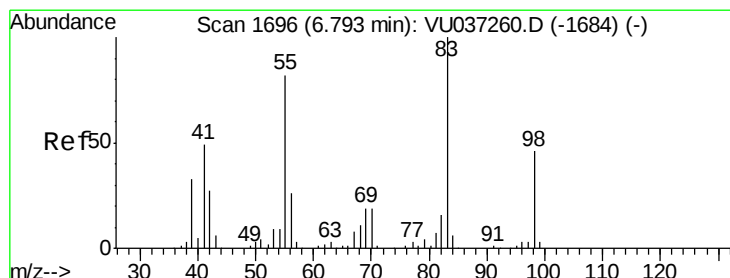
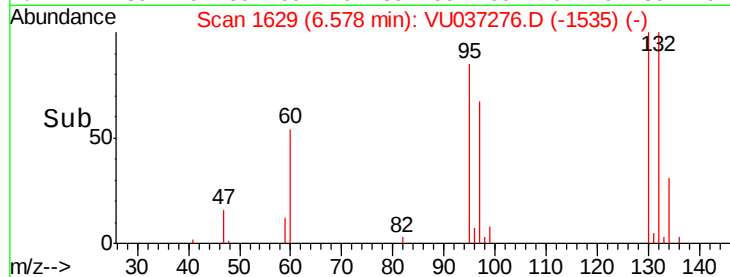
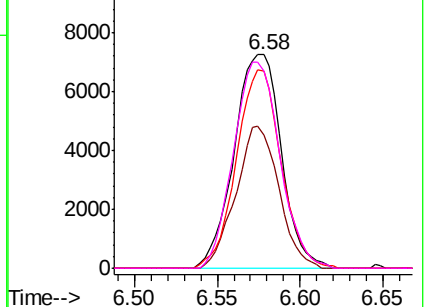


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.707 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037276.D

Acq: 14 Mar 2020 20:42

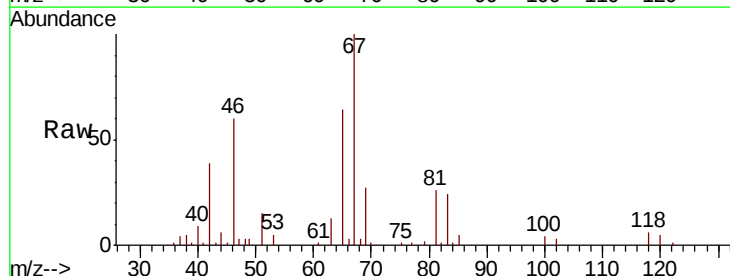
Tgt Ion: 83 Resp: 10480

Ion Ratio Lower Upper

83 100

55 0.0 68.1 102.1#

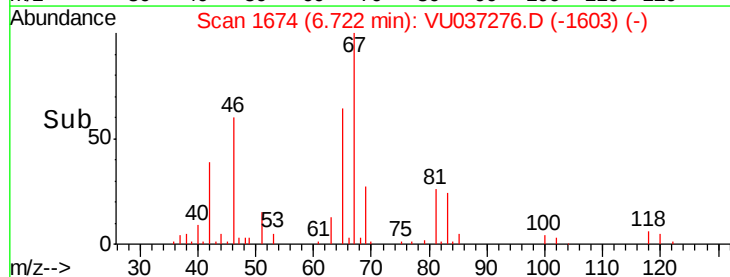
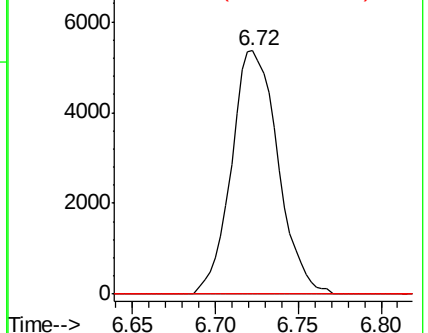
98 1.1 37.0 55.4#

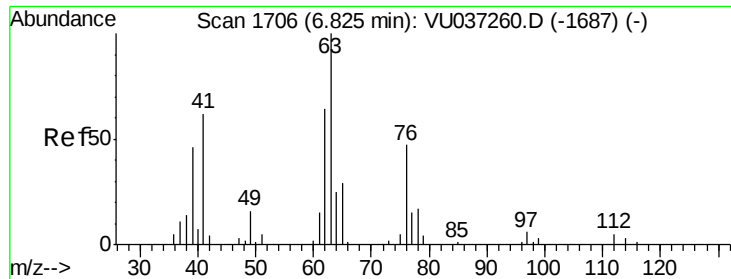


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

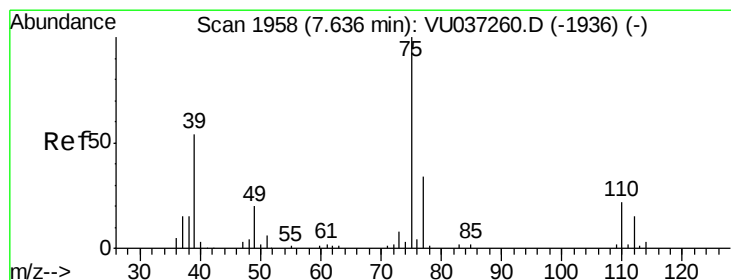
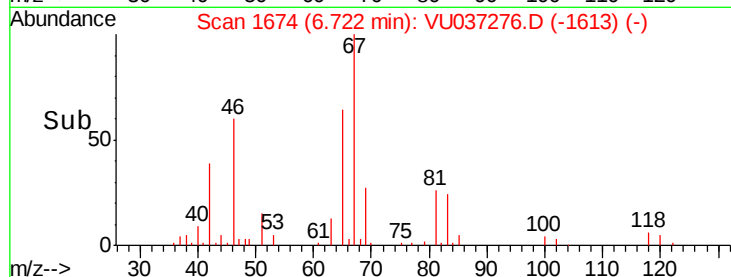
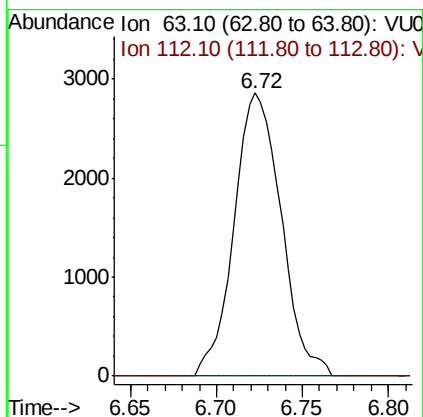
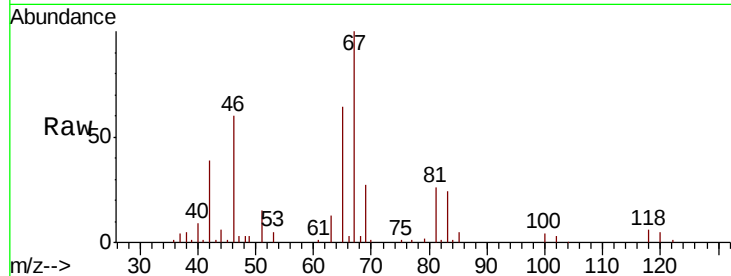




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037276.D
 Acq: 14 Mar 2020 20:42

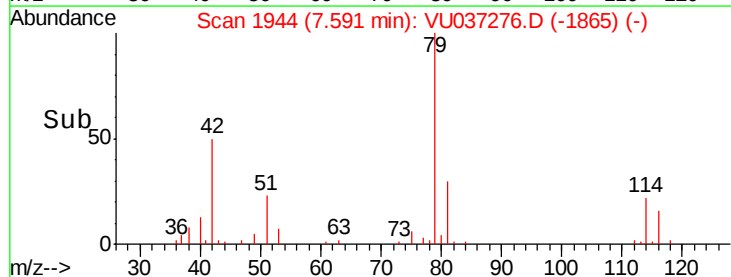
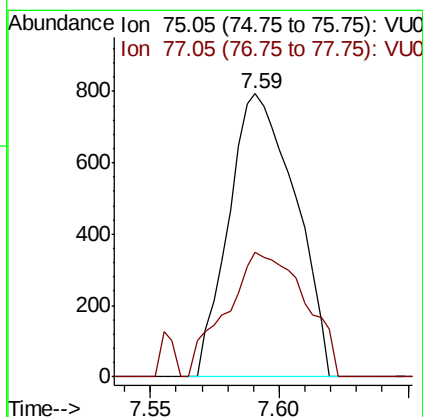
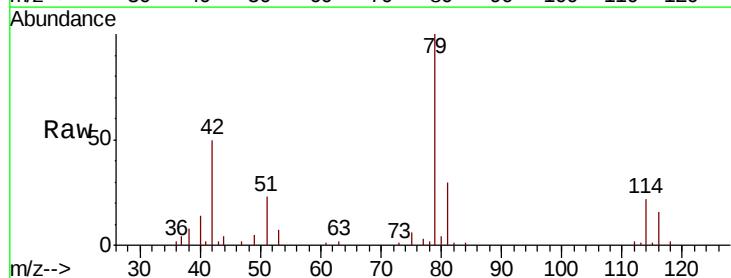
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 CONH4

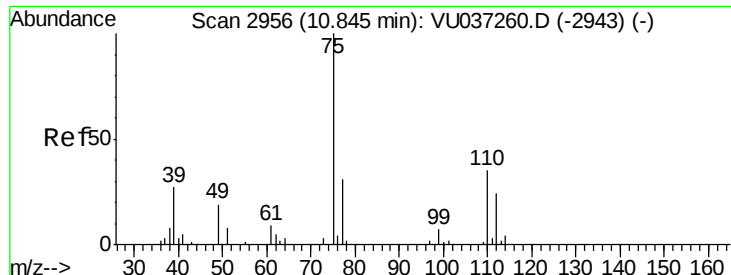
Tot Ion: 63 Resp: 5459
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037276.D
 Acq: 14 Mar 2020 20:42

Tgt Ion: 75 Resp: 1425
 Ion Ratio Lower Upper
 75 100
 77 44.3 21.1 39.1#





#59

1,2,3-Trichloropropane

Concen: 0.994 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037276.D

Acq: 14 Mar 2020 20:42

Instrument :

MSVOA_U

ClientSampleId :

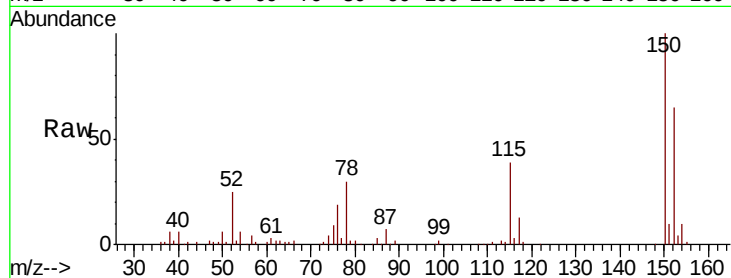
CONH4

Tot Ion: 75 Resp: 6653

Ion Ratio Lower Upper

75 100

77 36.8 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

