

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037537.D
 Acq On : 01 Apr 2020 22:04
 Operator : JC/MD
 Sample : L2065-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 01:40:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 01:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	85759	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	81471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21386	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.93	69	19661	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.59	63	29668	2.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.40%#
20) 2-Butanone-d5	4.67	46	90396	46.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.74%
24) Chloroform-d	5.11	84	47067	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.74	65	26810	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.76	84	89776	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
36) 1,2-Dichloropropane-d6	6.72	67	31962	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.60%
41) Toluene-d8	7.92	98	77082	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.21	79	12383	3.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.80%
46) 2-Hexanone-d5	8.66	63	77374	43.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	29145	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	31780	3.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.80%#

Target Compounds

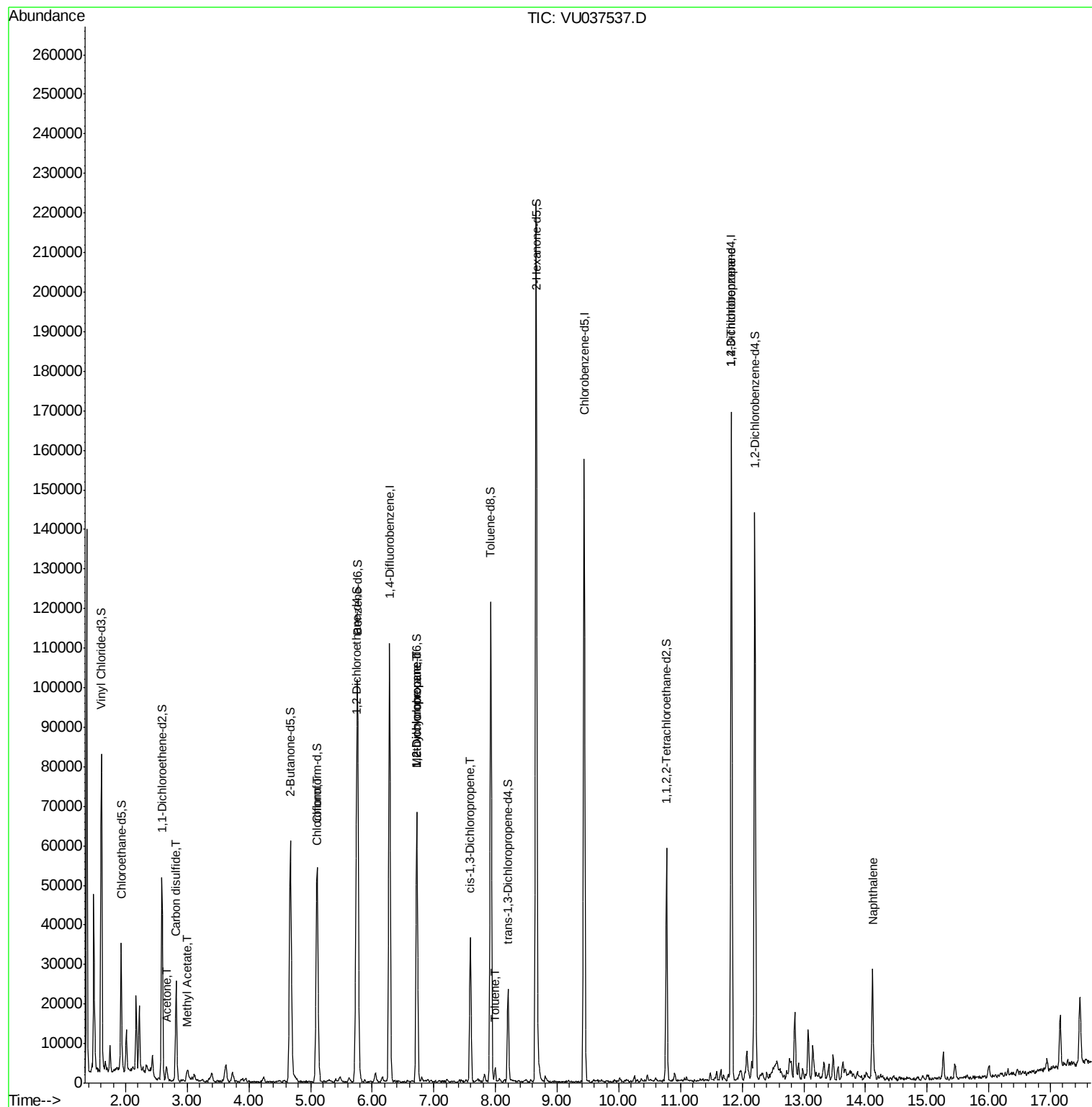
					Ovalue
13) Acetone	2.66	43	4307	3.919	ug/L 96
14) Carbon disulfide	2.82	76	31003	1.664	ug/L 99
15) Methyl Acetate	2.99	43	763	0.234	ug/L # 55
25) Chloroform	5.12	83	4576	0.384	ug/L 97
35) Methylcyclohexane	6.72	83	7208	0.631	ug/L # 19
37) 1,2-Dichloropropane	6.72	63	3648	0.523	ug/L # 90
39) cis-1,3-Dichloropropene	7.59	75	981	0.092	ug/L # 3
42) Toluene	8.00	91	2775	0.101	ug/L 99
59) 1,2,3-Trichloropropane	11.82	75	5903	1.290	ug/L 89
69) Naphthalene	14.11	128	20544	1.023	ug/L 99

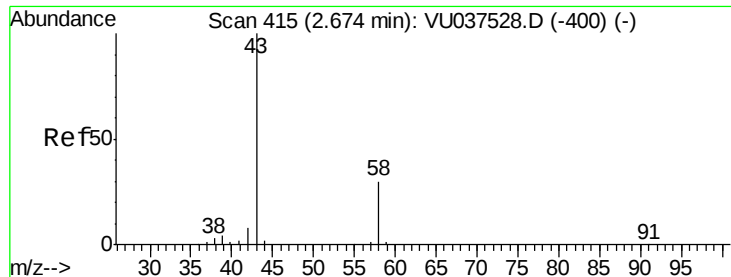
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 01 Apr 2020 22:04
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Quant Time: Apr 02 01:40:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 02 01:37:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.919 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU037537.D

Acq: 01 Apr 2020 22:04

Instrument :

MSVOA_U

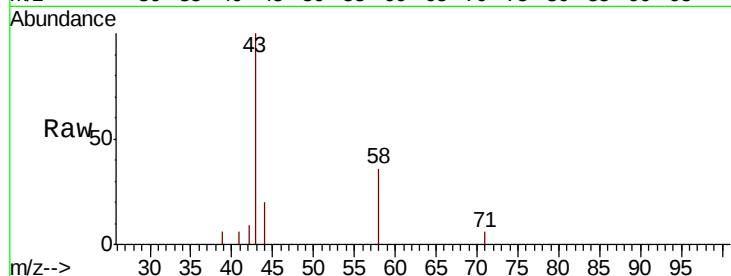
ClientSampleId :

Tot Ion: 43 Resp: 4307

Ion Ratio Lower Upper

43 100

58 31.8 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037528.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU037528.D (-400) (-)

2.66

2500

2000

1500

1000

500

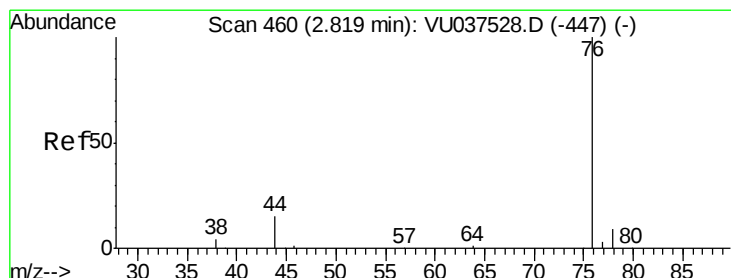
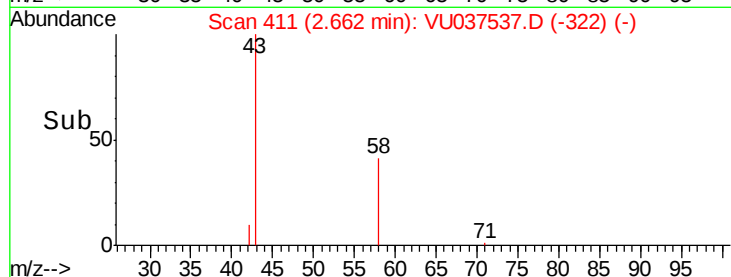
0

2.60

2.65

2.70

Time-->



#14

Carbon disulfide

Concen: 1.664 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037537.D

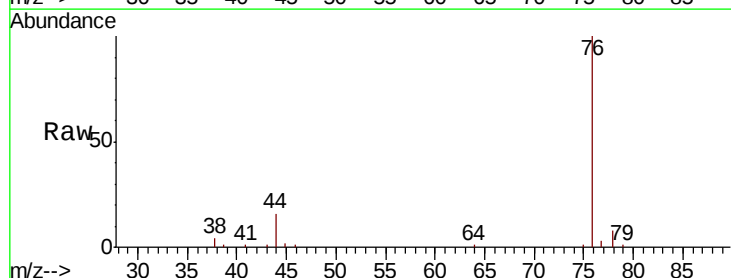
Acq: 01 Apr 2020 22:04

Tgt Ion: 76 Resp: 31003

Ion Ratio Lower Upper

76 100

78 8.1 6.3 9.5



Abundance Ion 76.05 (75.75 to 76.75): VU037528.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU037528.D (-447) (-)

2.82

20000

15000

10000

5000

0

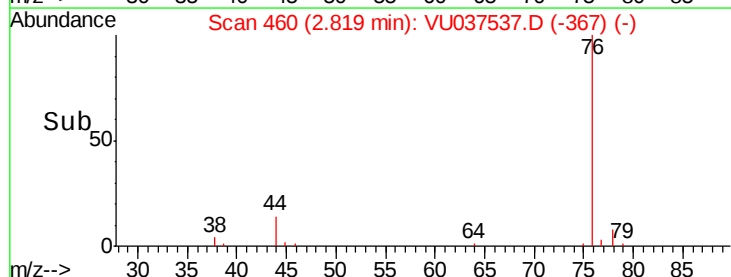
2.75

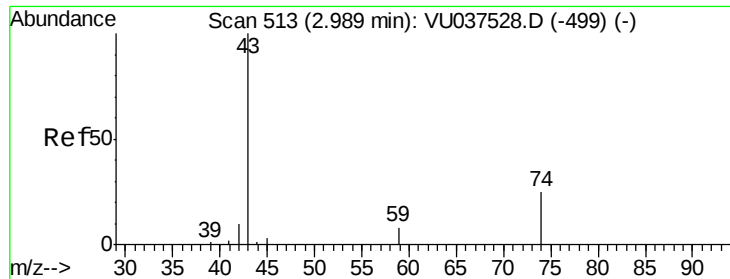
2.80

2.85

2.90

Time-->





#15

Methyl Acetate

Concen: 0.234 ug/L

RT: 2.99 min Scan# 513

Delta R.T. 0.00 min

Lab File: VU037537.D

Acq: 01 Apr 2020 22:04

Instrument :

MSVOA_U

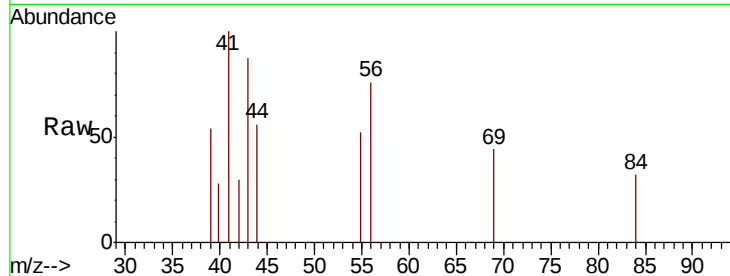
ClientSampleId :

Tot Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

74 0.0 16.8 25.2#



Abundance Ion 43.05 (42.75 to 43.75): VU037528.D (-499) (-)

Ion 74.05 (73.75 to 74.75): VU037528.D (-499) (-)

2.99

400

300

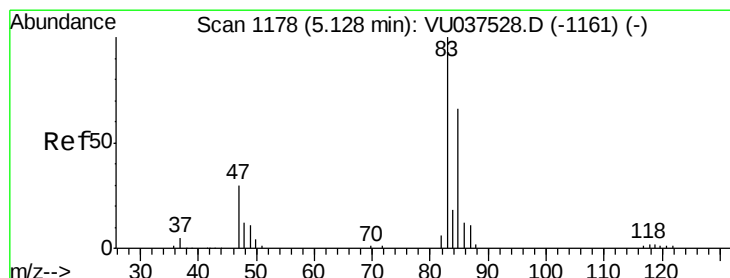
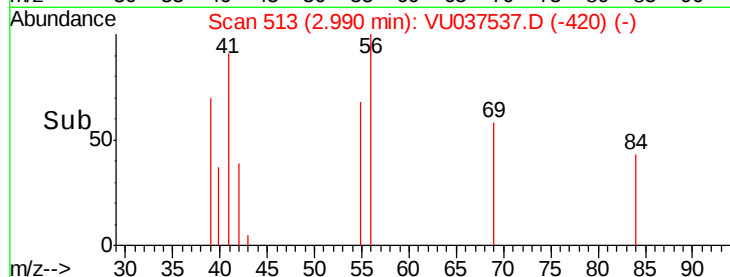
200

100

0

Time-->

2.94 2.96 2.98 3.00 3.02



#25

Chloroform

Concen: 0.384 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU037537.D

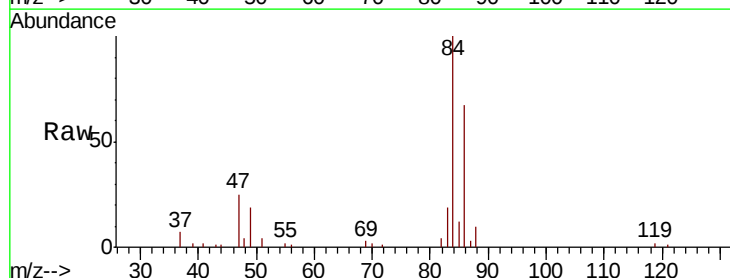
Acq: 01 Apr 2020 22:04

Tgt Ion: 83 Resp: 4576

Ion Ratio Lower Upper

83 100

85 63.3 45.8 85.2



Abundance Ion 83.05 (82.75 to 83.75): VU037528.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU037528.D (-1161) (-)

5.12

2000

1500

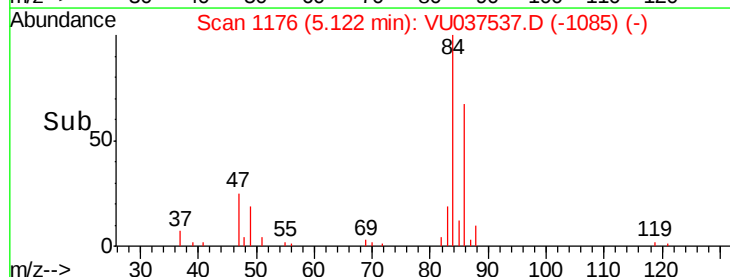
1000

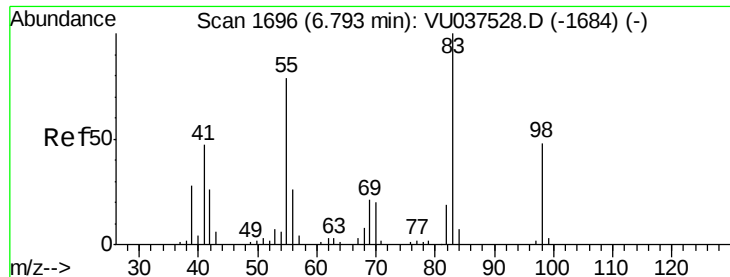
500

0

Time-->

5.05 5.10 5.15 5.20

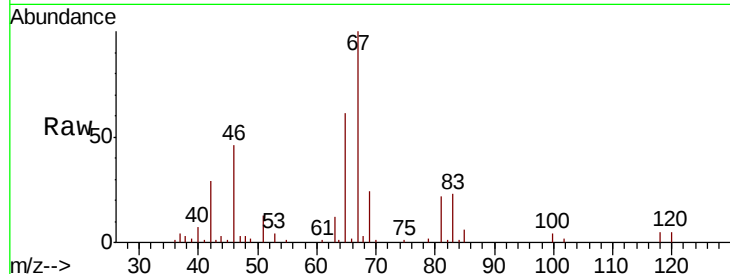




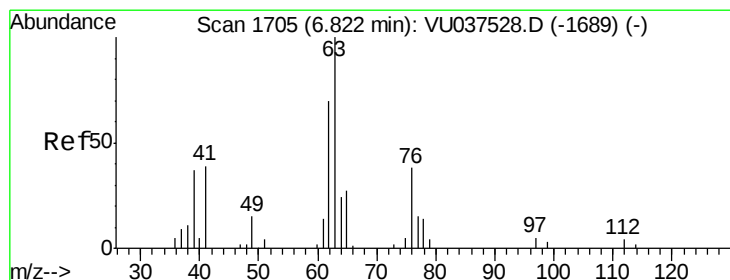
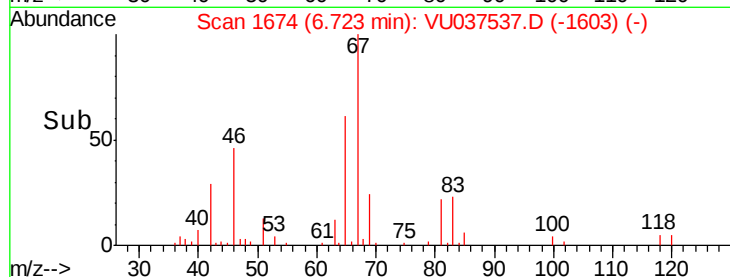
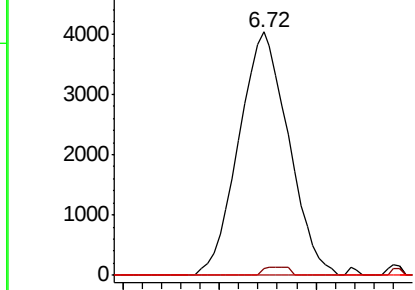
#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037537.D
Acq: 01 Apr 2020 22:04

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 7208
Ion Ratio Lower Upper
83 100
55 1.7 63.0 94.6#
98 0.0 35.3 52.9#

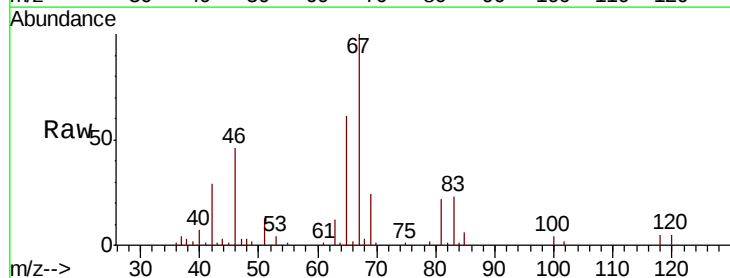


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

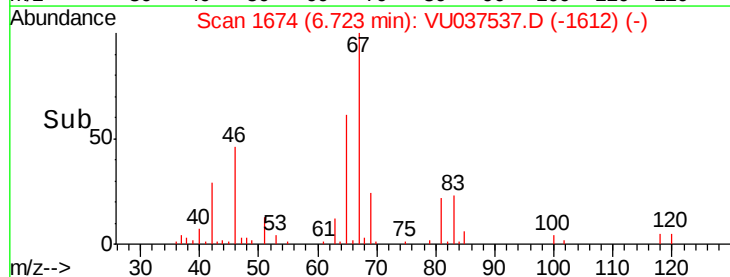
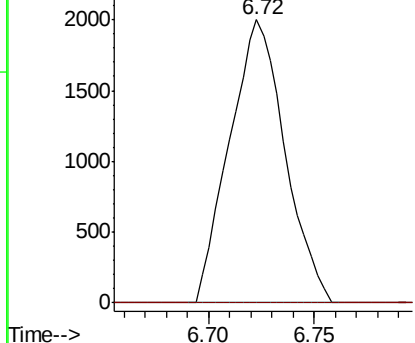


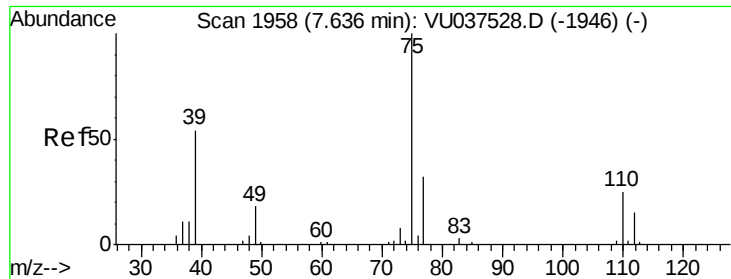
#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037537.D
Acq: 01 Apr 2020 22:04

Tgt Ion: 63 Resp: 3648
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

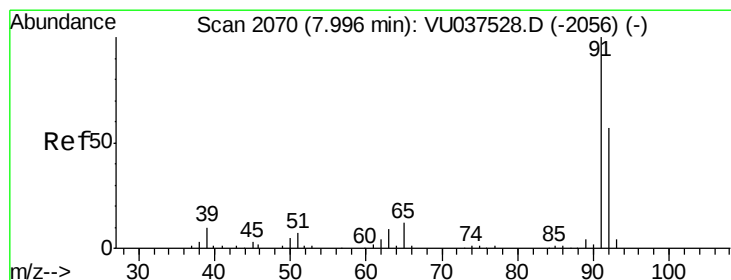
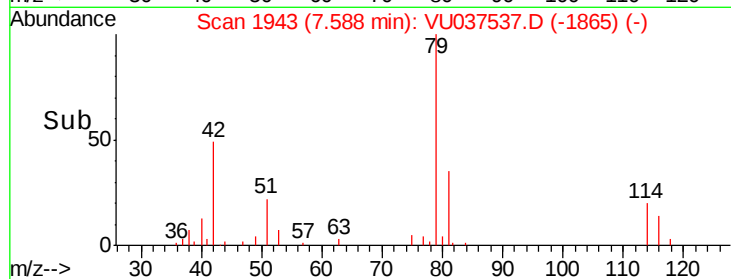
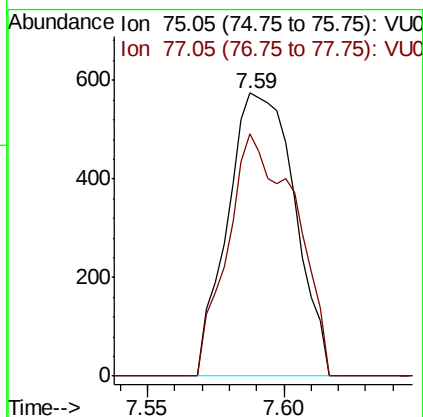
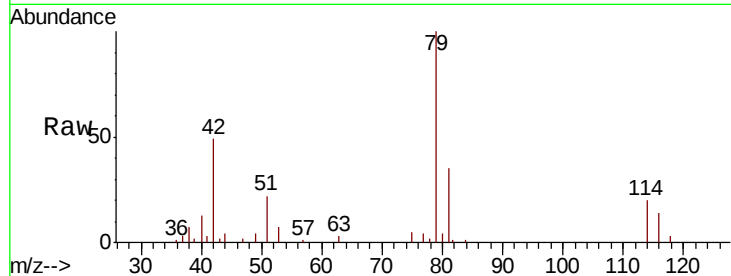




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037537.D
 Acq: 01 Apr 2020 22:04

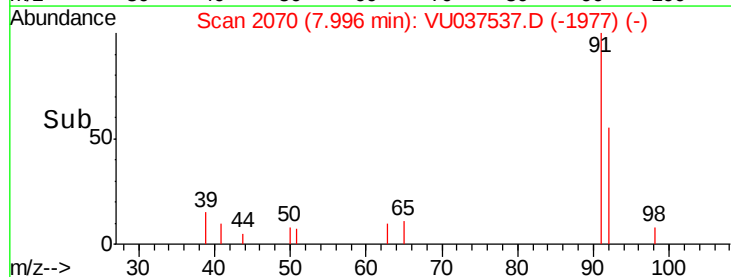
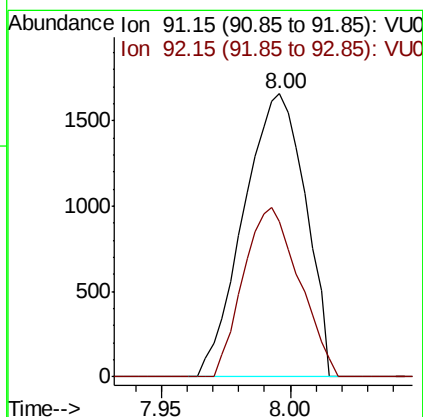
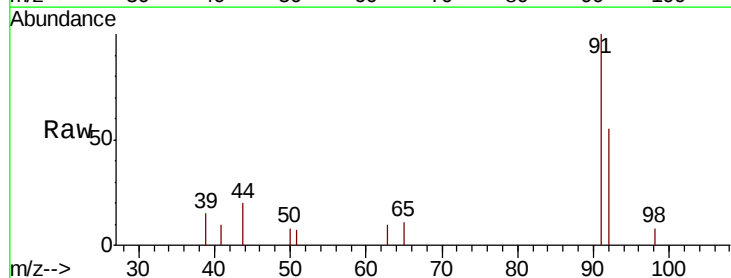
Instrument :
 MSVOA_U
 ClientSampleId :

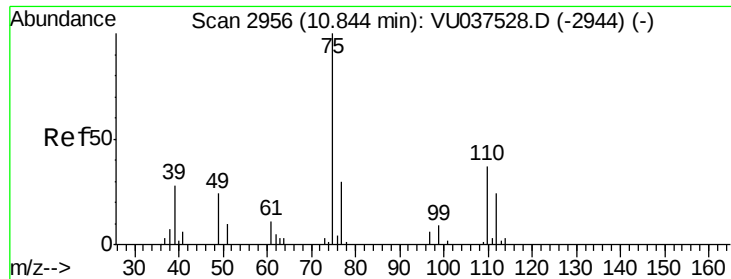
Tot Ion: 75 Resp: 981
 Ion Ratio Lower Upper
 75 100
 77 85.7 22.2 41.2#



#42
 Toluene
 Concen: 0.101 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VU037537.D
 Acq: 01 Apr 2020 22:04

Tgt Ion: 91 Resp: 2775
 Ion Ratio Lower Upper
 91 100
 92 54.7 38.6 71.8

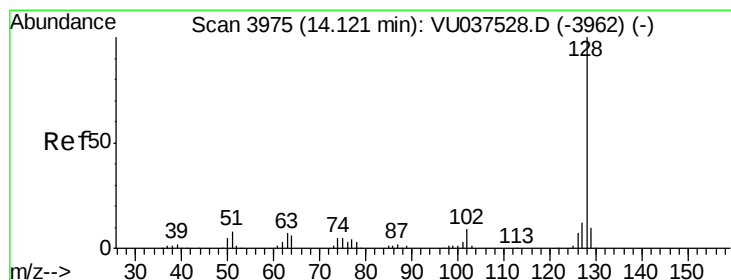
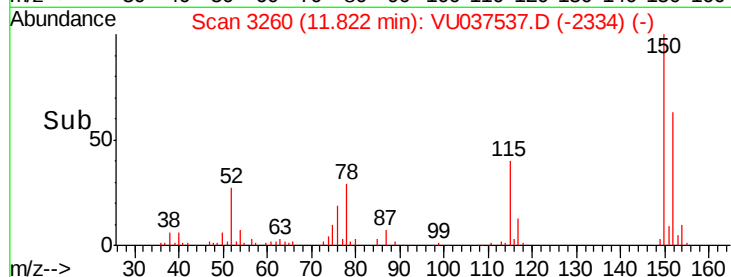
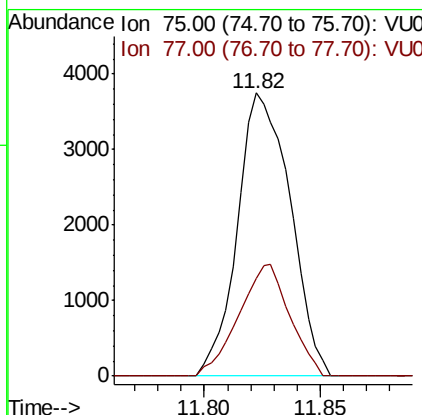
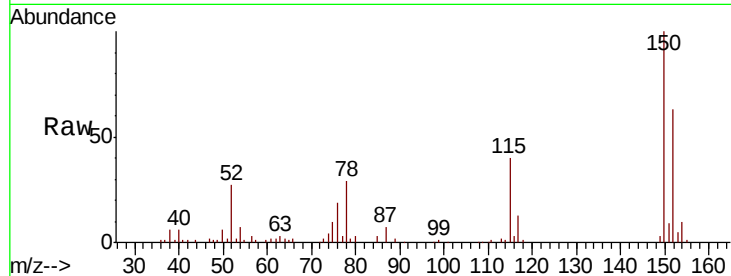




#59
 1,2,3-Trichloropropane
 Concen: 1.290 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037537.D
 Acq: 01 Apr 2020 22:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 5903
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.8 38.6



#69
 Naphthalene
 Concen: 1.023 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU037537.D
 Acq: 01 Apr 2020 22:04

Tgt Ion: 128 Resp: 20544
 Ion Ratio Lower Upper
 128 100
 129 10.2 8.4 12.6
 127 12.5 10.4 15.6

