

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036836.D
 Acq On : 18 Feb 2020 15:16
 Operator : JC/MD
 Sample : L1540-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 19 04:56:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	109933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	104060	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35372	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.93	69	35147	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.59	63	48330	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	4.68	46	106354	53.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.28%
24) Chloroform-d	5.11	84	70712	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	39239	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.76	84	145949	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	47598	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.93	98	126795	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.21	79	16195	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.66	63	88259	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37329	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	41827	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

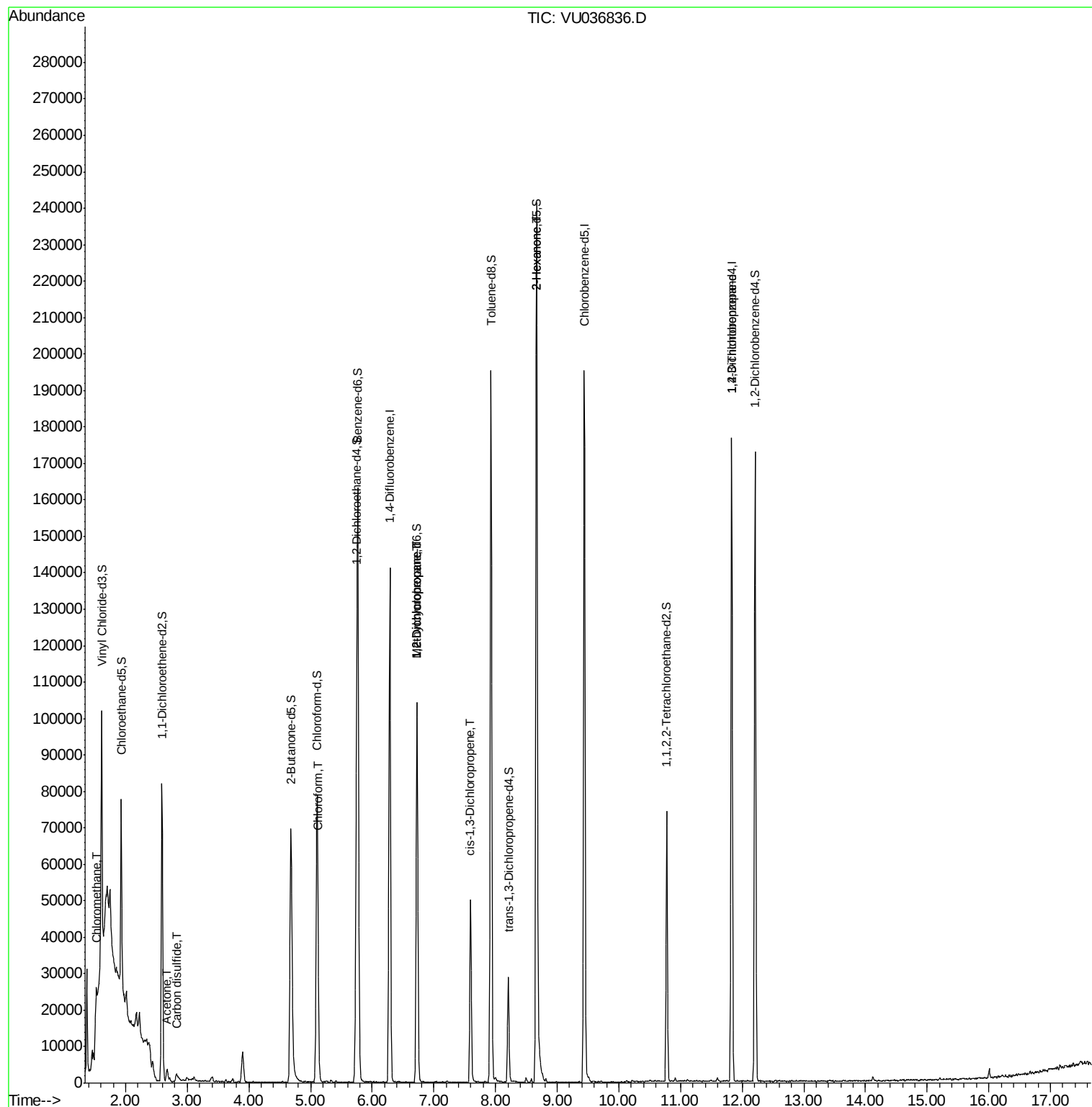
					Ovalue
3) Chloromethane	1.53	50	1580	0.209 ug/L	88
13) Acetone	2.67	43	3015	1.189 ug/L	88
14) Carbon disulfide	2.82	76	2136	0.132 ug/L #	86
25) Chloroform	5.13	83	3380	0.219 ug/L	90
35) Methylcyclohexane	6.73	83	10638	0.820 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	5322	0.607 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1158	0.091 ug/L #	64
48) 2-Hexanone	8.66	43	10650	2.201 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	6370	1.101 ug/L	89

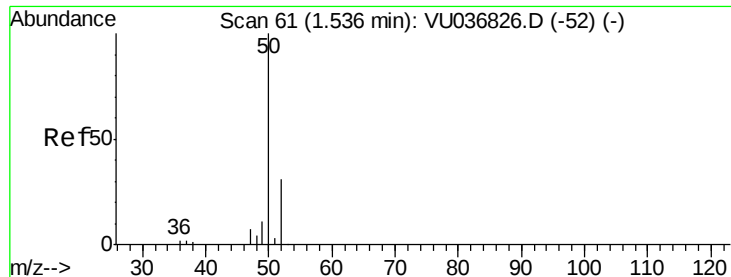
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.209 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036836.D

Acq: 18 Feb 2020 15:16

Instrument :

MSVOA_U

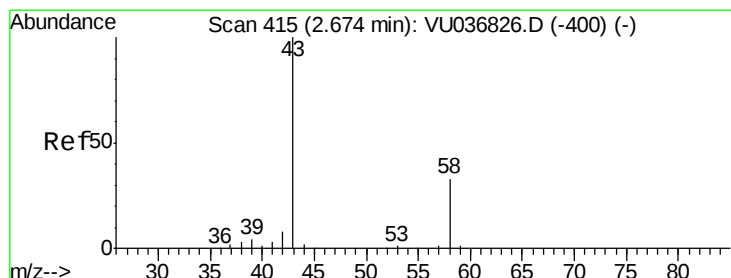
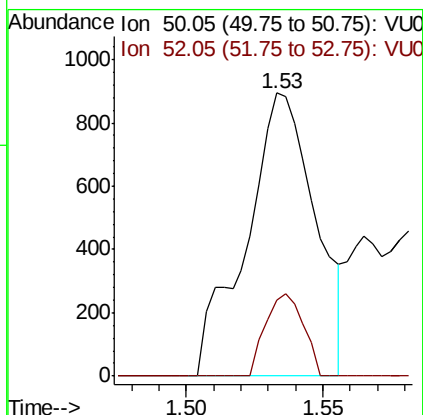
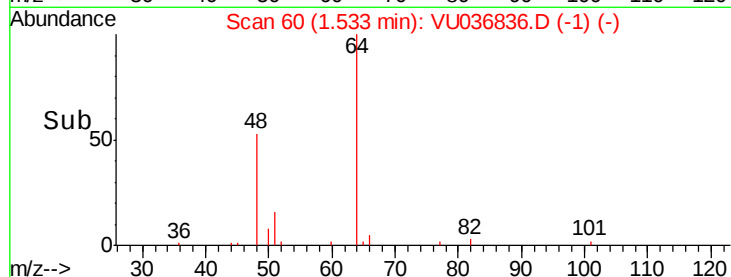
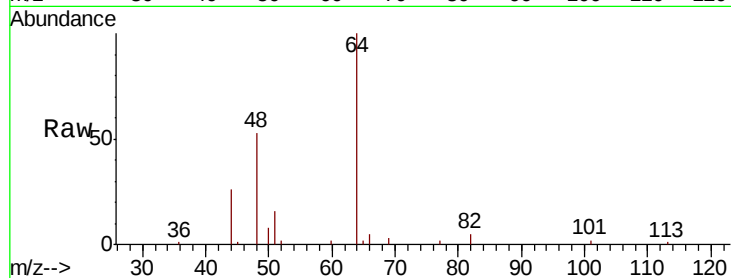
ClientSampled :

Tot Ion: 50 Resp: 1580

Ion Ratio Lower Upper

50 100

52 26.8 23.8 44.2



#13

Acetone

Concen: 1.189 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU036836.D

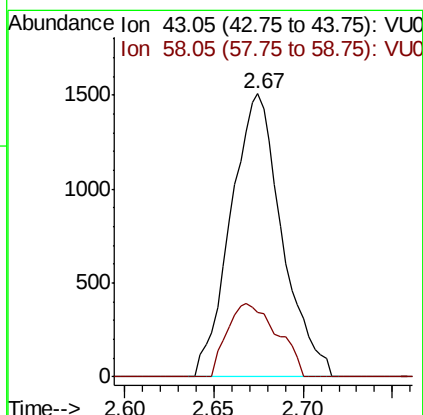
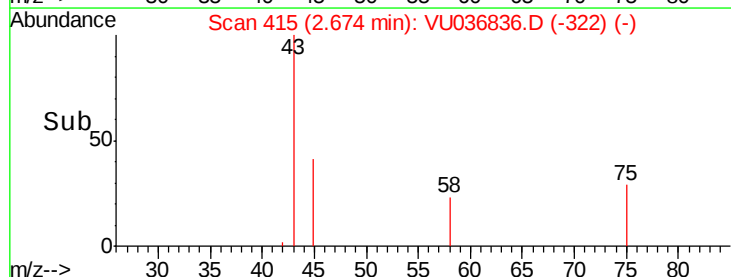
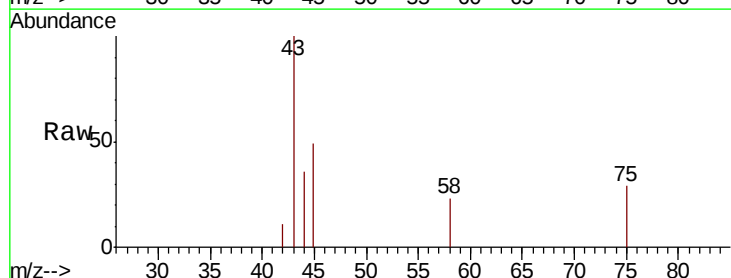
Acq: 18 Feb 2020 15:16

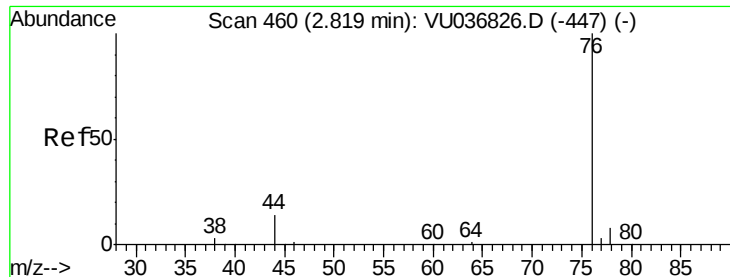
Tgt Ion: 43 Resp: 3015

Ion Ratio Lower Upper

43 100

58 25.3 0.0 64.2





#14

Carbon disulfide

Concen: 0.132 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036836.D

Acq: 18 Feb 2020 15:16

Instrument :

MSVOA_U

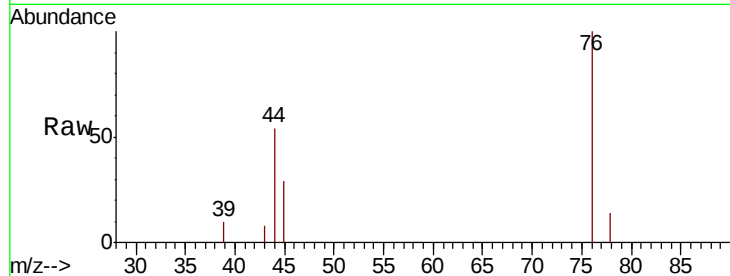
ClientSampled :

Tot Ion: 76 Resp: 2136

Ion Ratio Lower Upper

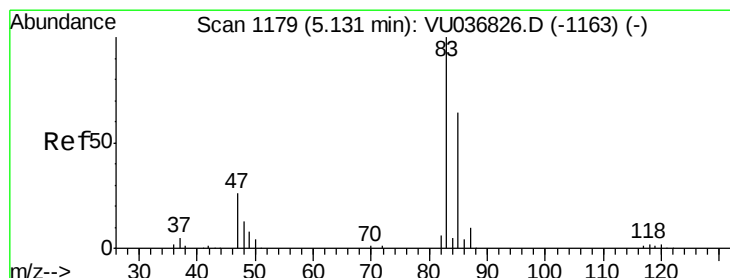
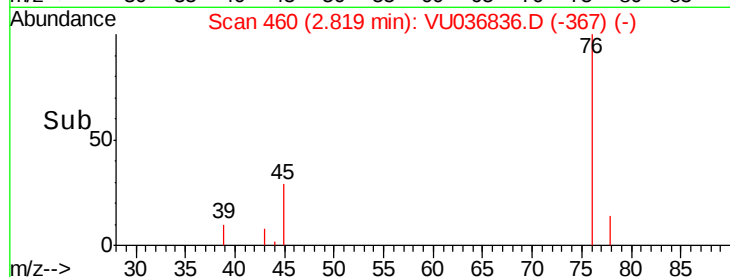
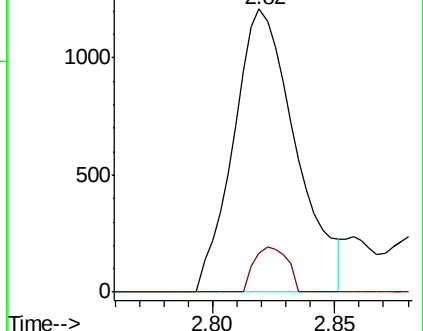
76 100

78 14.0 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036836.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU036836.D (-447) (-)



#25

Chloroform

Concen: 0.219 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU036836.D

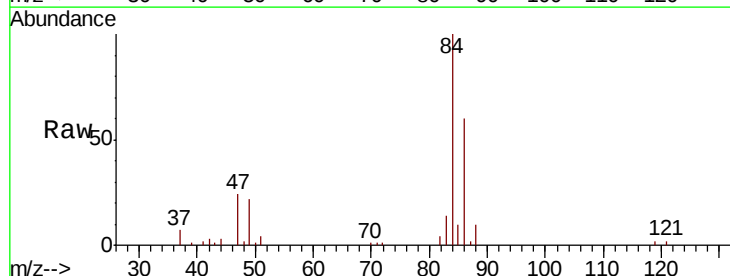
Acq: 18 Feb 2020 15:16

Tgt Ion: 83 Resp: 3380

Ion Ratio Lower Upper

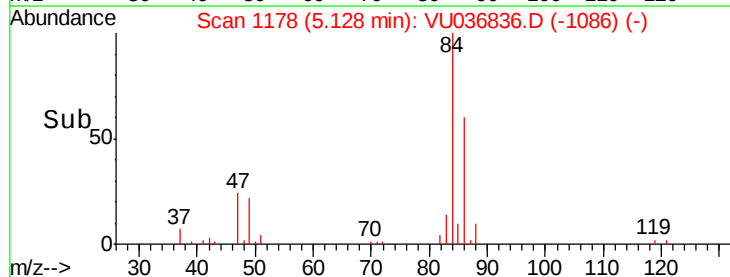
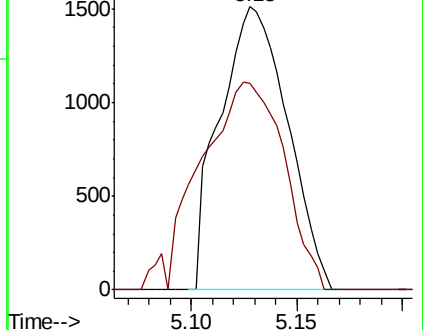
83 100

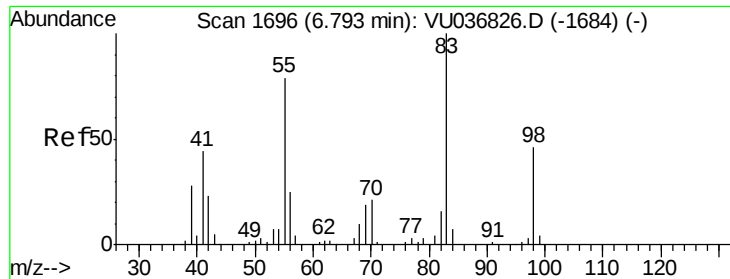
85 72.9 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU036836.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU036836.D (-1163) (-)

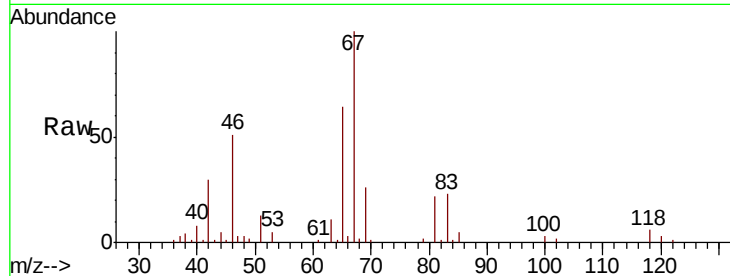




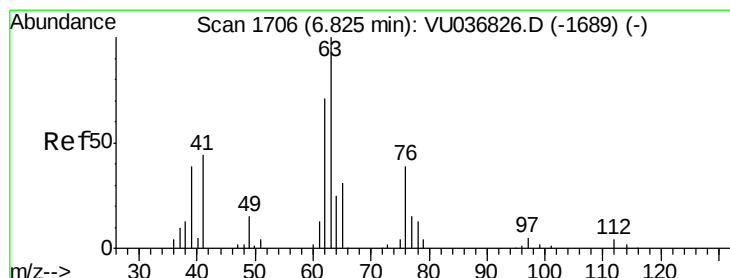
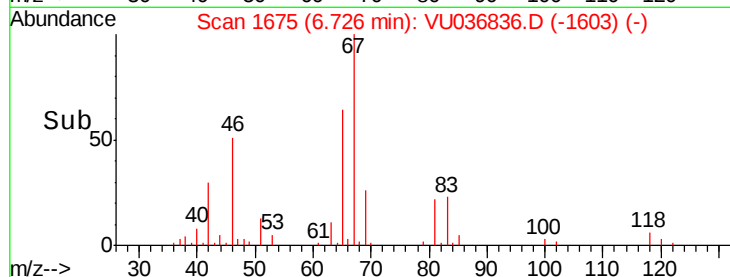
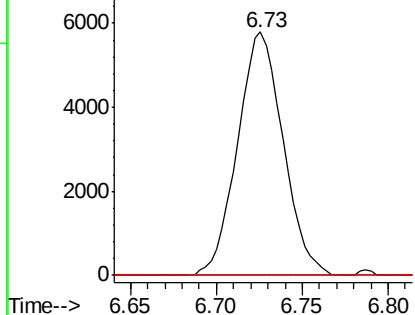
#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036836.D
Acq: 18 Feb 2020 15:16

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10638
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 34.2 51.4#

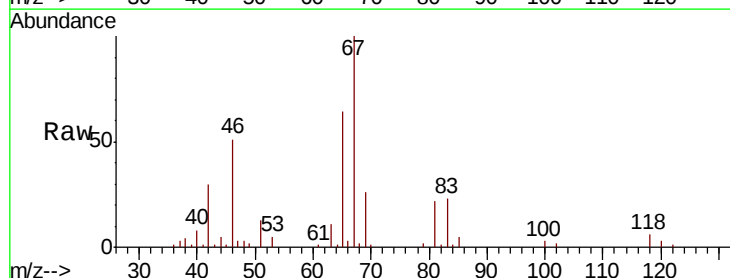


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

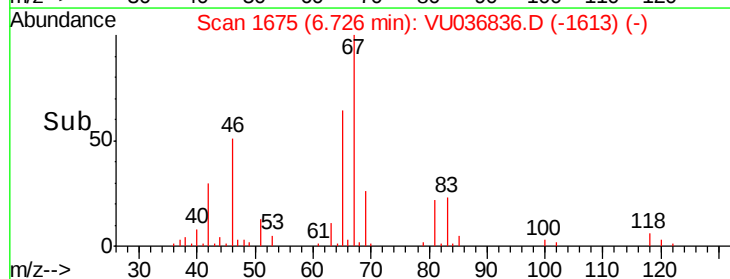
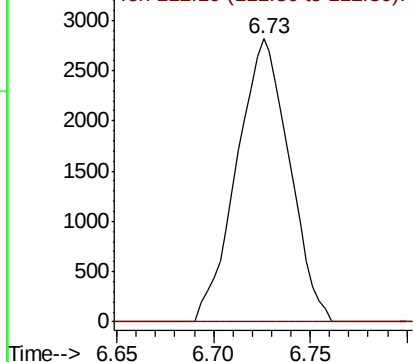


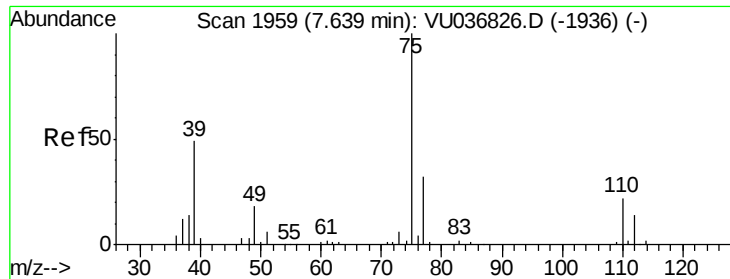
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036836.D
Acq: 18 Feb 2020 15:16

Tgt Ion: 63 Resp: 5322
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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

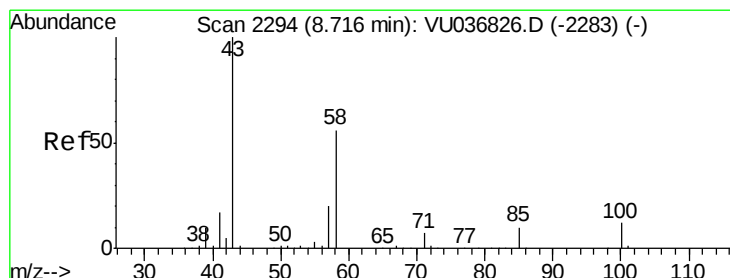
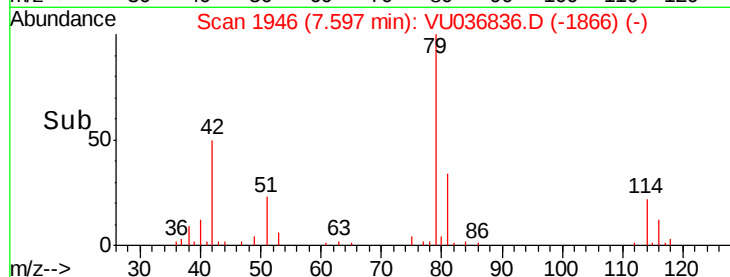
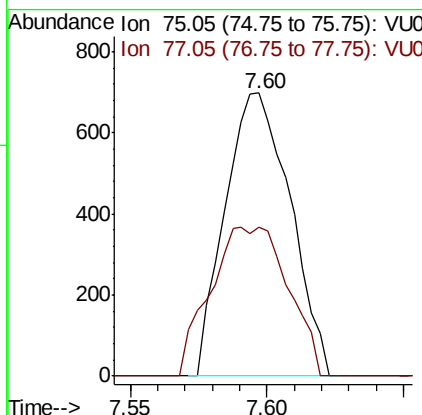
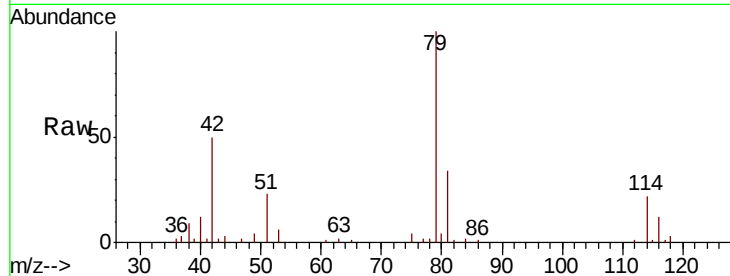




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036836.D
 Acq: 18 Feb 2020 15:16

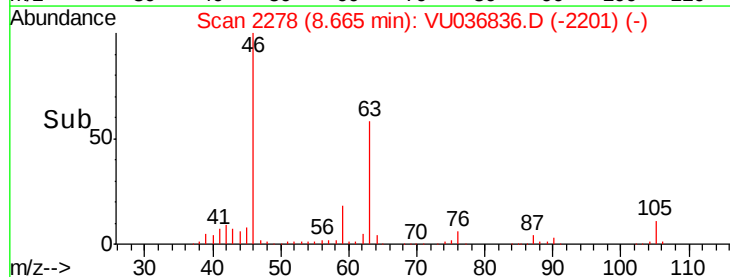
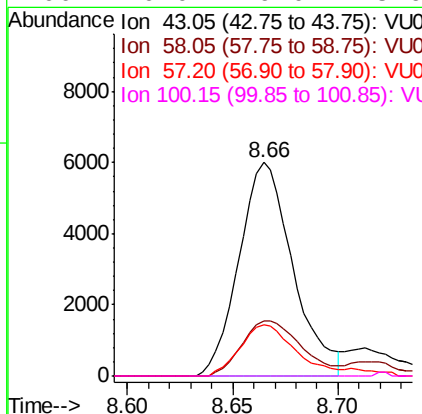
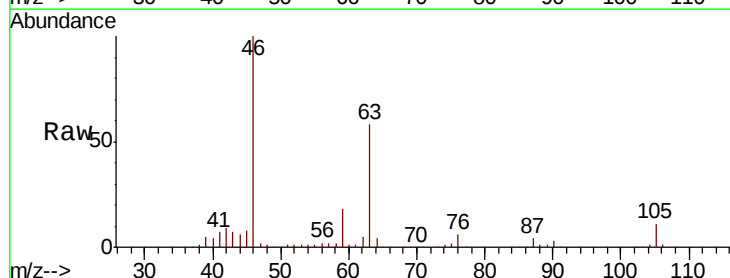
Instrument :
 MSVOA_U
 ClientSampleId :

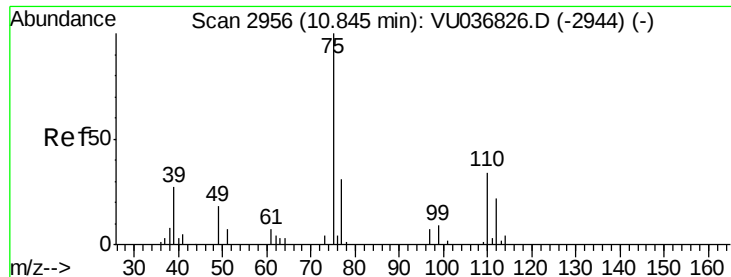
Tot Ion: 75 Resp: 1158
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.5 41.9#



#48
 2-Hexanone
 Concen: 2.201 ug/L
 RT: 8.66 min Scan# 2278
 Delta R.T. -0.05 min
 Lab File: VU036836.D
 Acq: 18 Feb 2020 15:16

Tgt Ion: 43 Resp: 10650
 Ion Ratio Lower Upper
 43 100
 58 28.4 43.6 65.4#
 57 26.7 15.0 22.4#
 100 0.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.101 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036836.D

Acq: 18 Feb 2020 15:16

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6370

Ion Ratio Lower Upper

75 100

77 38.0 25.6 38.4

