

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110119\
 Data File : VU035594.D
 Acq On : 01 Nov 2019 11:53
 Operator : JC/SP
 Sample : K5596-07ME
 Misc : 2.27g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQA8ME

Quant Time: Nov 01 17:07:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 17:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	849295	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	841671	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	327499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	274651	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.08%
7) Chloroethane-d5	1.89	69	127997	23.37	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.74%#
11) 1,1-Dichloroethene-d2	2.56	63	369009	34.59	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.18%
21) 2-Butanone-d5	4.71	46	445761	111.25	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.25%
24) Chloroform-d	5.11	84	510209	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.75	65	342313	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
32) Benzene-d6	5.77	84	1143311	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
36) 1,2-Dichloropropane-d6	6.73	67	371962	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.93	98	1055429	51.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	8.22	79	176620	53.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.78%
47) 2-Hexanone-d5	8.69	63	338519	124.14	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	545583	53.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.84%
64) 1,2-Dichlorobenzene-d4	12.22	152	346810	52.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

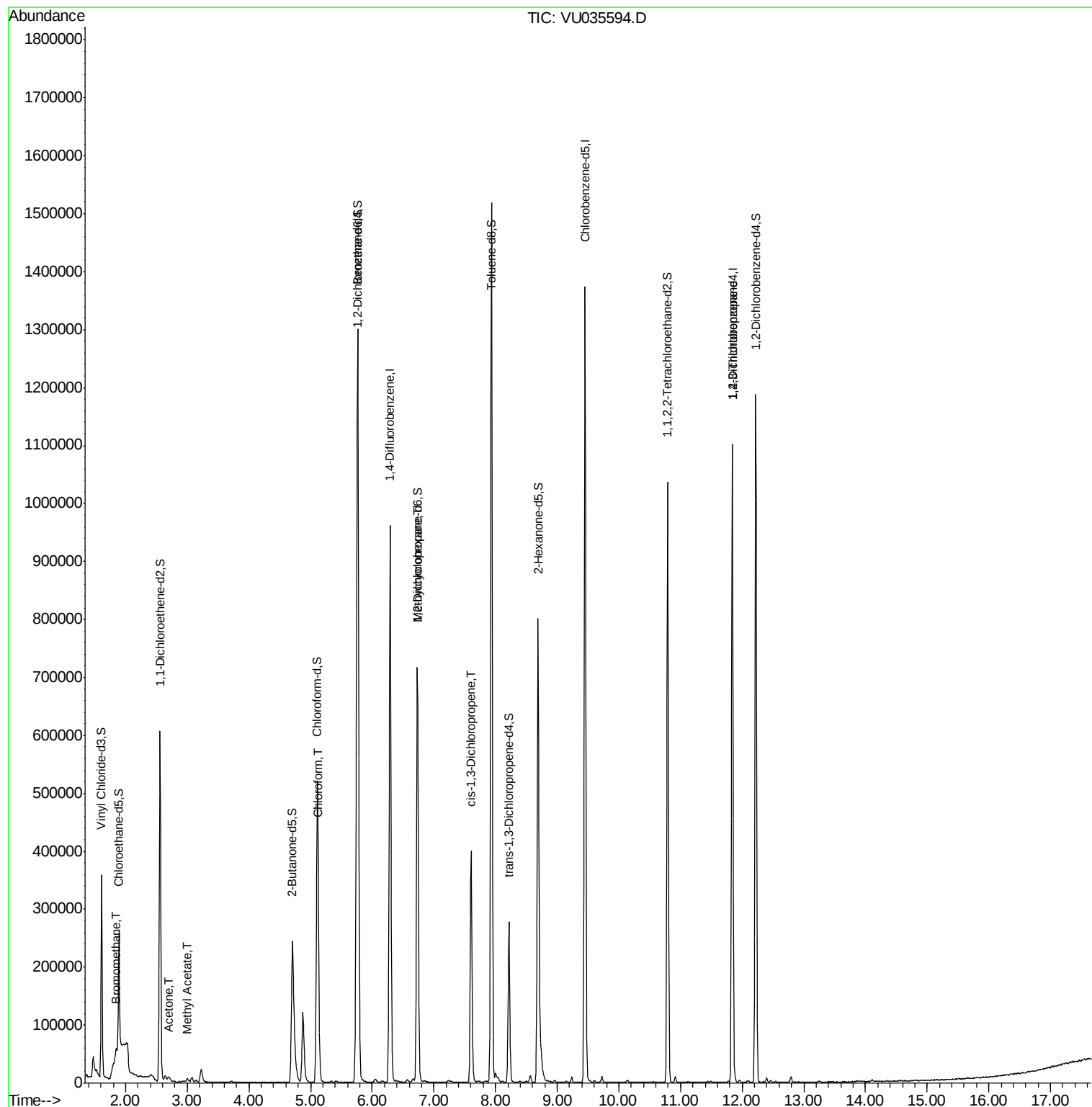
					Qvalue
6) Bromomethane	1.84	94	4180	1.063 ug/L	96
13) Acetone	2.69	43	8629	2.448 ug/L	96
15) Methyl Acetate	3.00	43	7271	1.139 ug/L #	78
25) Chloroform	5.13	83	23197	2.167 ug/L	94
35) Methylcyclohexane	6.73	83	83197	9.526 ug/L #	20
39) cis-1,3-Dichloropropene	7.60	75	10725	1.139 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	35933	4.350 ug/L	93

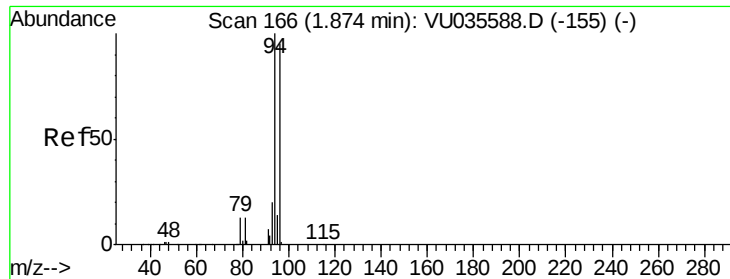
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 17:03:18 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.063 ug/L

RT: 1.84 min Scan# 157

Delta R.T. -0.03 min

Lab File: VU035594.D

Acq: 01 Nov 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

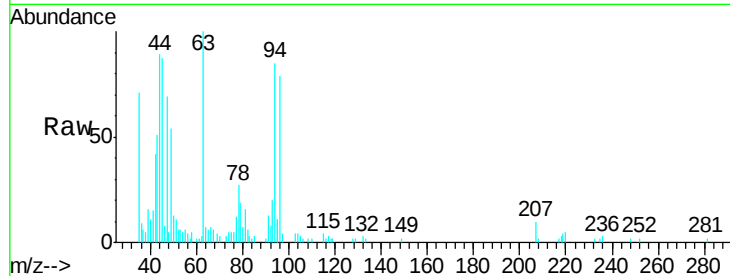
GAQA8ME

Tgt Ion: 94 Resp: 4180

Ion Ratio Lower Upper

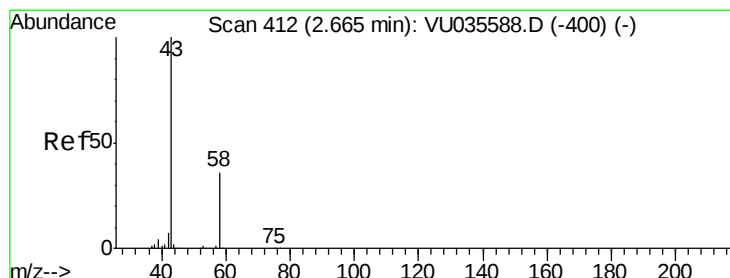
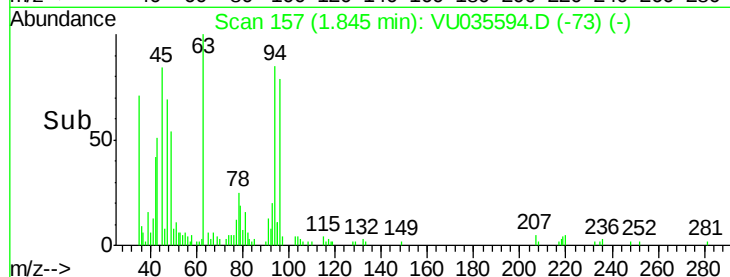
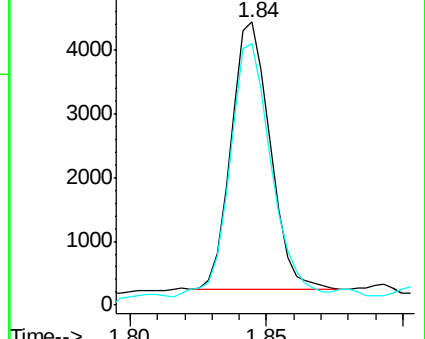
94 100

96 92.6 67.5 125.4



Abundance Ion 94.00 (93.70 to 94.70): VU035588.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU035588.D (-155) (-)



#13

Acetone

Concen: 2.448 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.02 min

Lab File: VU035594.D

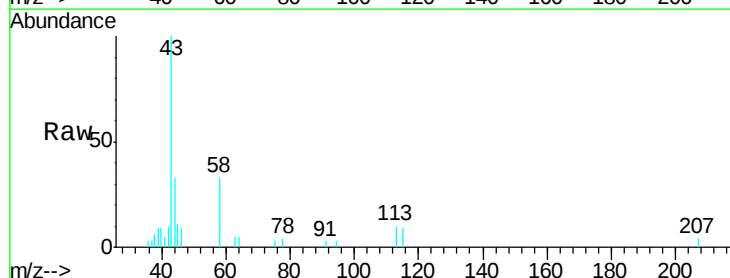
Acq: 01 Nov 2019 11:53

Tgt Ion: 43 Resp: 8629

Ion Ratio Lower Upper

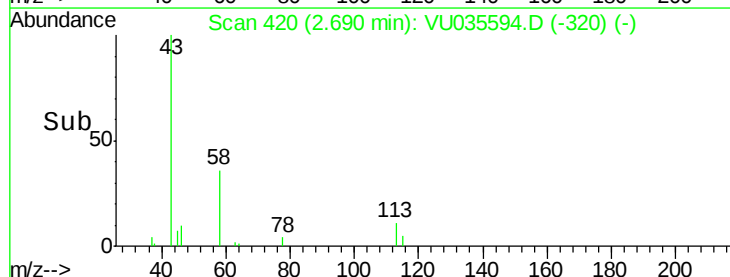
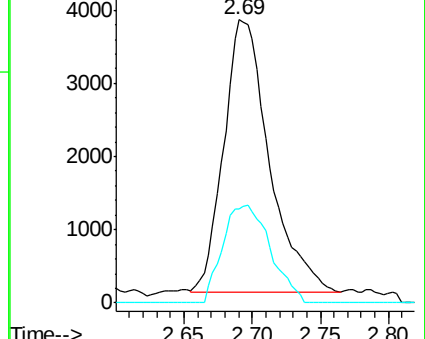
43 100

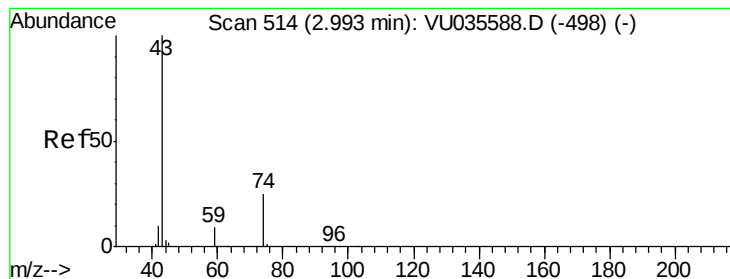
58 37.4 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035588.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035588.D (-400) (-)





#15

Methyl Acetate

Concen: 1.139 ug/L

RT: 3.00 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU035594.D

Acq: 01 Nov 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

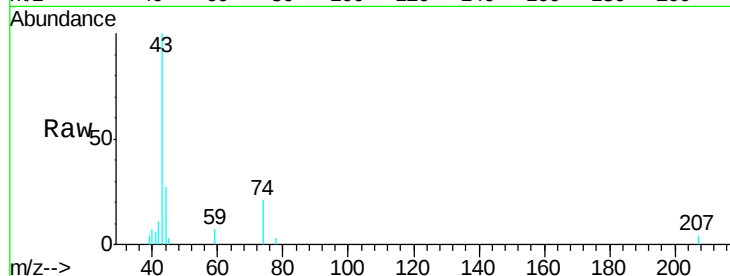
GAQA8ME

Tgt Ion: 43 Resp: 7271

Ion Ratio Lower Upper

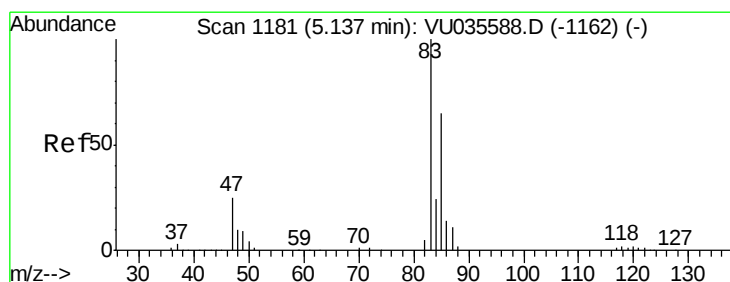
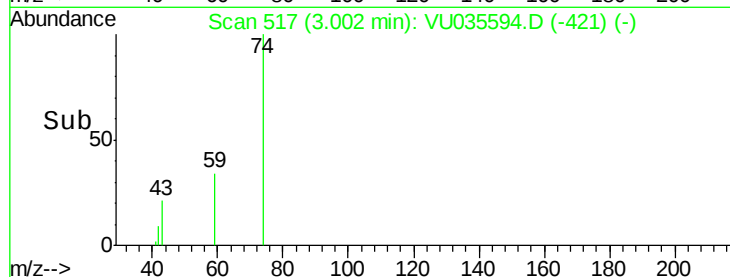
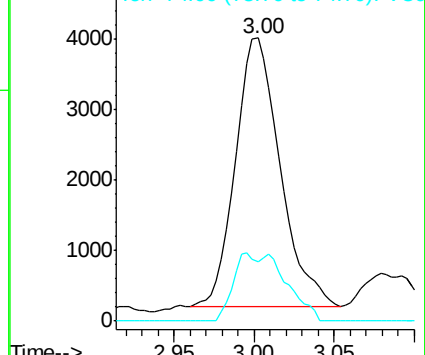
43 100

74 13.8 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VU035588.D (-498) (-)

Ion 74.00 (73.70 to 74.70): VU035588.D (-498) (-)



#25

Chloroform

Concen: 2.167 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VU035594.D

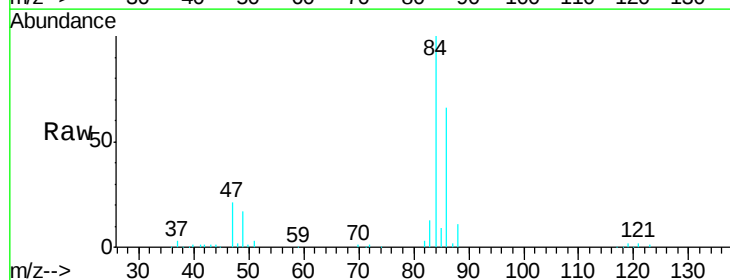
Acq: 01 Nov 2019 11:53

Tgt Ion: 83 Resp: 23197

Ion Ratio Lower Upper

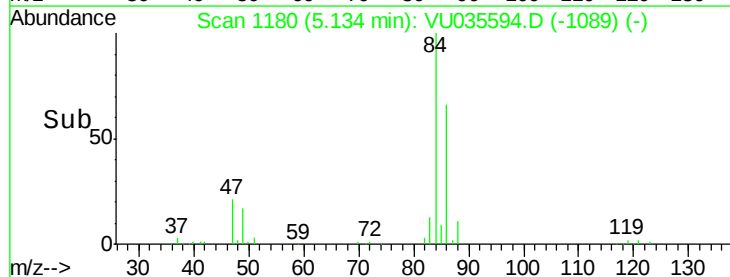
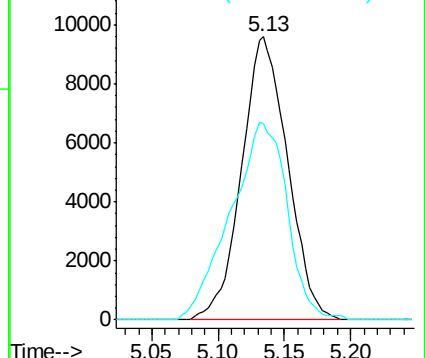
83 100

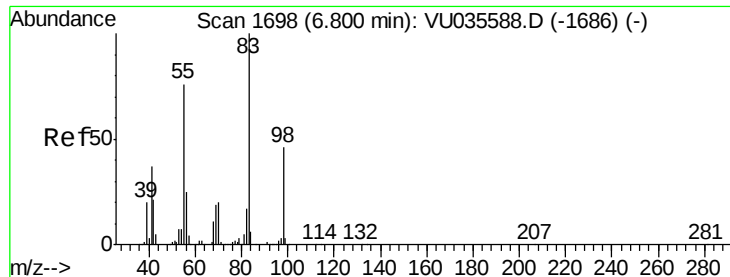
85 69.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU035588.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU035588.D (-1162) (-)

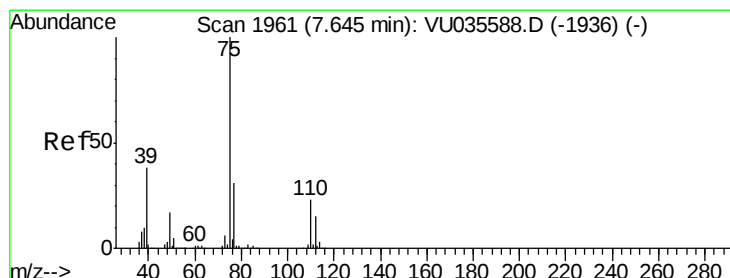
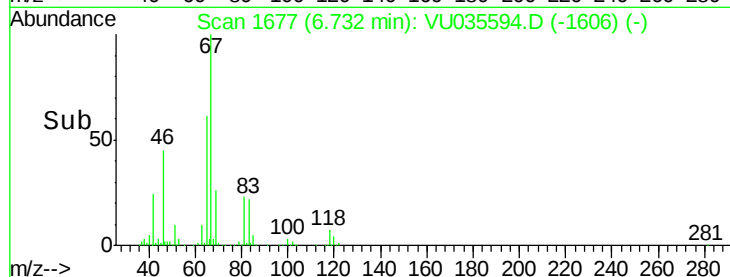
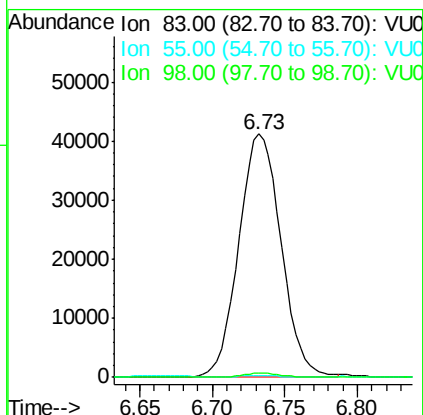
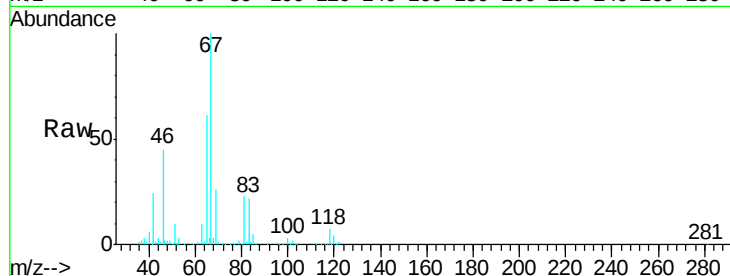




#35
Methylcyclohexane
Concen: 9.526 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035594.D
Acq: 01 Nov 2019 11:53

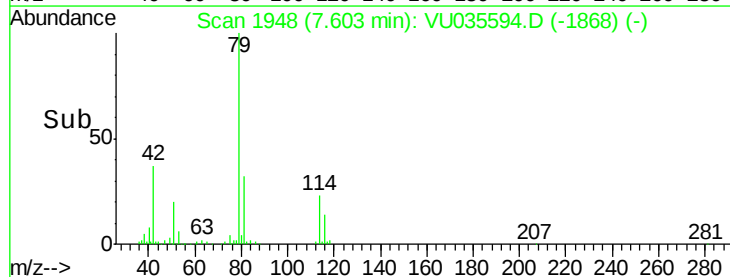
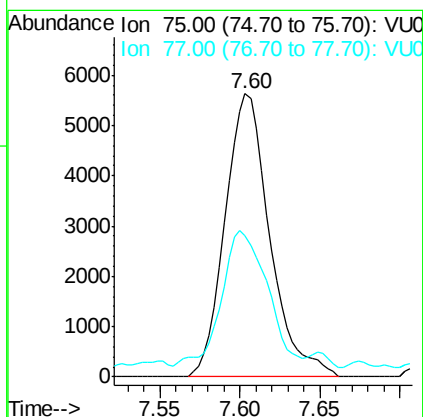
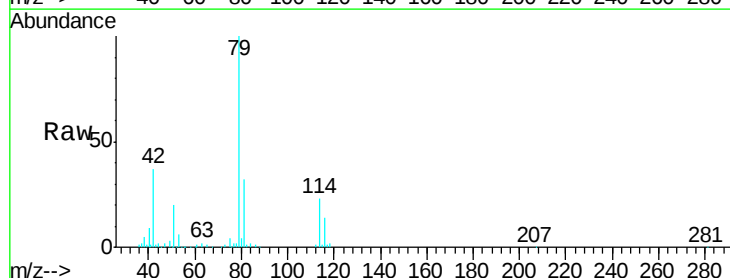
Instrument :
MSVOA_U
ClientSampleId :
GAQA8ME

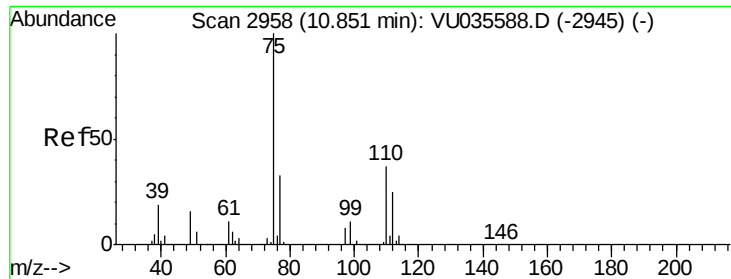
Tgt Ion: 83 Resp: 83197
Ion Ratio Lower Upper
83 100
55 0.6 61.0 91.4#
98 1.5 36.6 54.8#



#39
cis-1,3-Dichloropropene
Concen: 1.139 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035594.D
Acq: 01 Nov 2019 11:53

Tgt Ion: 75 Resp: 10725
Ion Ratio Lower Upper
75 100
77 49.9 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 4.350 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.98 min

Lab File: VU035594.D

Acq: 01 Nov 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

GAQA8ME

Tgt Ion: 75 Resp: 35933

Ion Ratio Lower Upper

75 100

77 36.2 25.7 38.5

