

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
 Data File : VU039230.D
 Acq On : 30 Jun 2020 09:00
 Operator : SY/MD
 Sample : L3132-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0Y25

Quant Time: Jun 30 11:05:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	202841	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	223327	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	90259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66319	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.93	69	53784	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.00%
11) 1,1-Dichloroethene-d2	2.59	63	104114	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.67	46	192807	33.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.80%
24) Chloroform-d	5.10	84	126695	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.74	65	77446	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
32) Benzene-d6	5.76	84	239952	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.80%#
36) 1,2-Dichloropropane-d6	6.72	67	73627	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.40%
41) Toluene-d8	7.92	98	190465	3.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.40%#
43) trans-1,3-Dichloropropene-	8.20	79	30298	2.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.60%
46) 2-Hexanone-d5	8.65	63	124256	26.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	52.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	60217	2.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.60%#
64) 1,2-Dichlorobenzene-d4	12.20	152	73822	3.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.80%#

Target Compounds

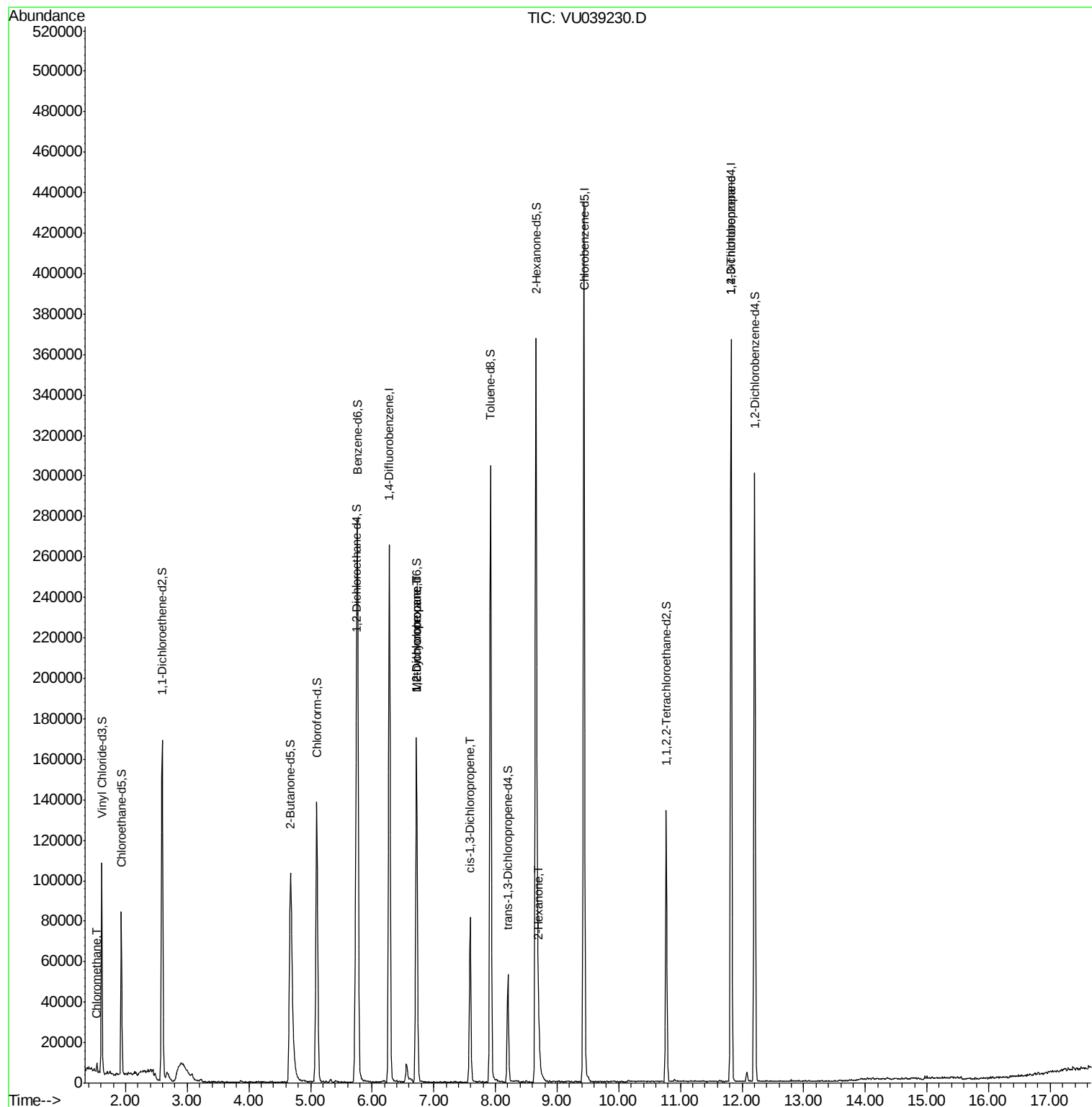
					Qvalue
3) Chloromethane	1.53	50	3483	0.168	ug/L 100
35) Methylcyclohexane	6.72	83	18504	0.675	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	8303	0.435	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2283	0.083	ug/L # 67
48) 2-Hexanone	8.70	43	13050	1.239	ug/L # 85
59) 1,2,3-Trichloropropane	11.82	75	12061	0.839	ug/L # 88

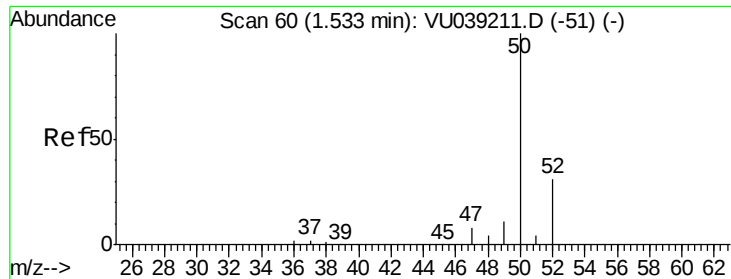
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.168 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039230.D

Acq: 30 Jun 2020 09:00

Instrument :

MSVOA_U

ClientSampleId :

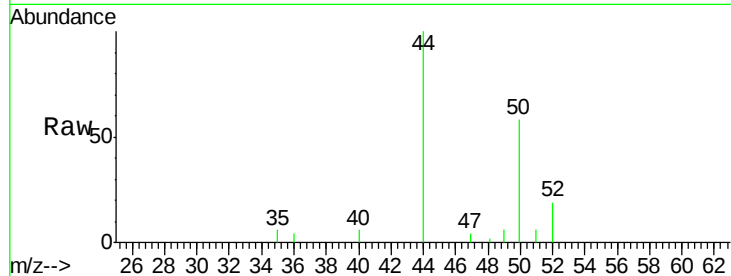
C0Y25

Tgt Ion: 50 Resp: 3483

Ion Ratio Lower Upper

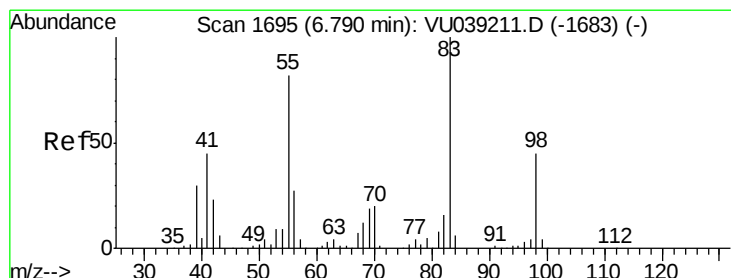
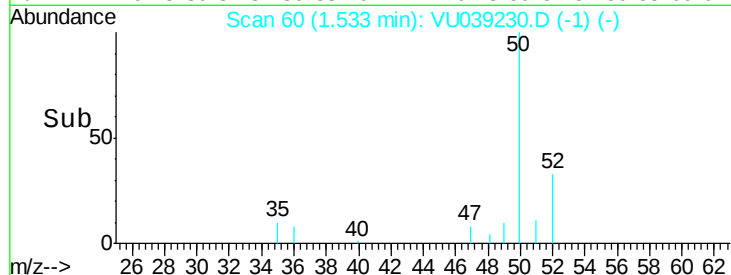
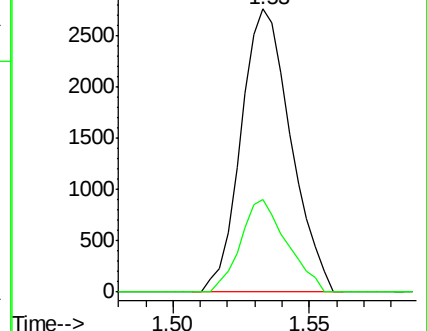
50 100

52 32.7 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#35

Methylcyclohexane

Concen: 0.675 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039230.D

Acq: 30 Jun 2020 09:00

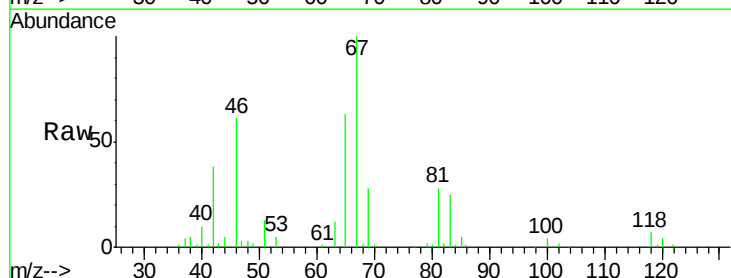
Tgt Ion: 83 Resp: 18504

Ion Ratio Lower Upper

83 100

55 0.4 65.5 98.3#

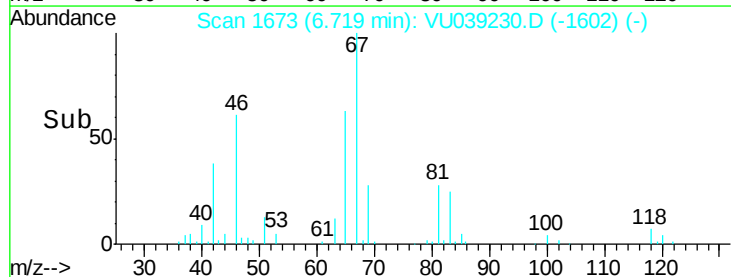
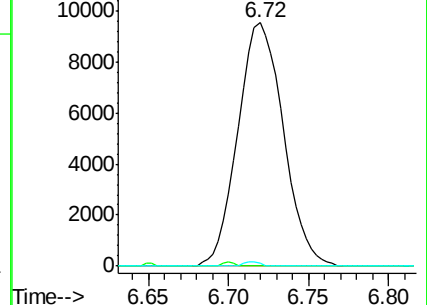
98 0.6 38.2 57.4#

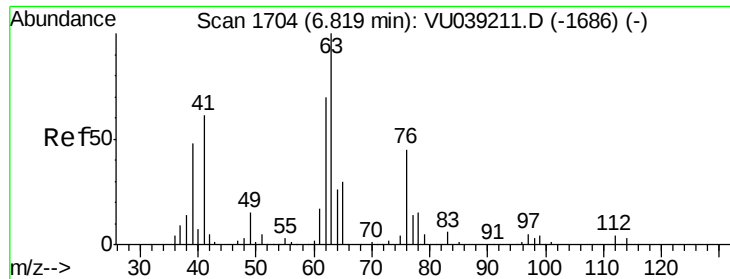


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

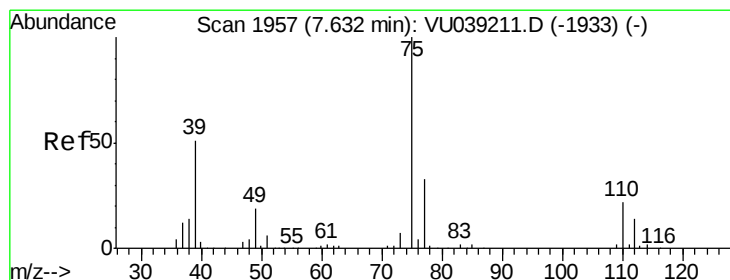
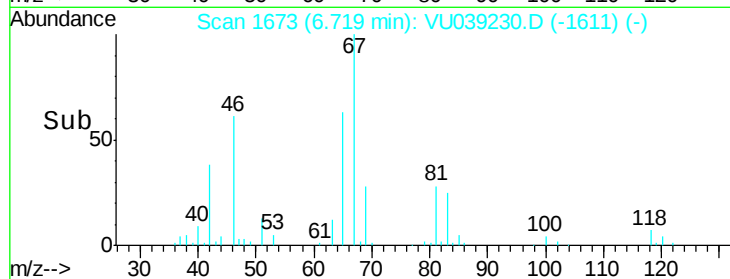
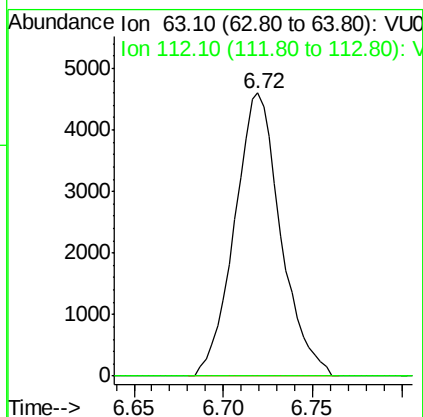
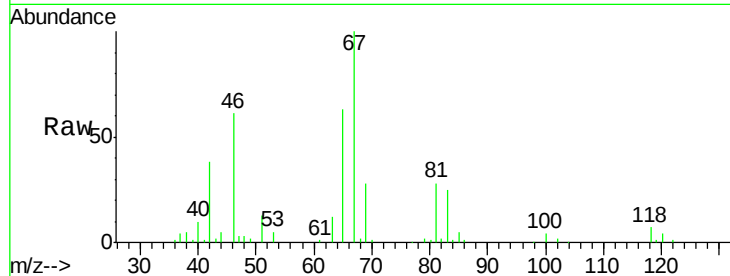




#37
 1,2-Dichloropropane
 Concen: 0.435 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039230.D
 Acq: 30 Jun 2020 09:00

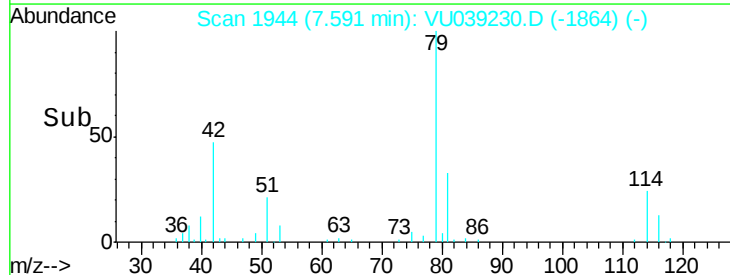
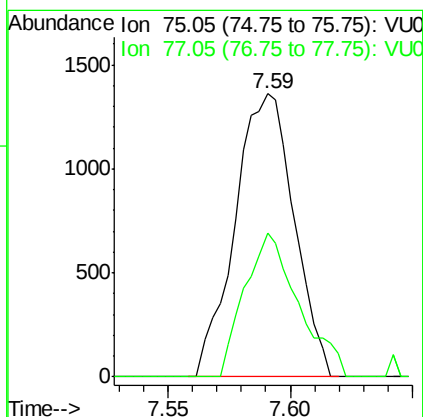
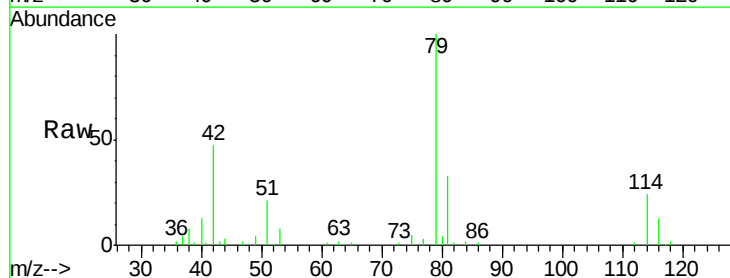
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 C0Y25

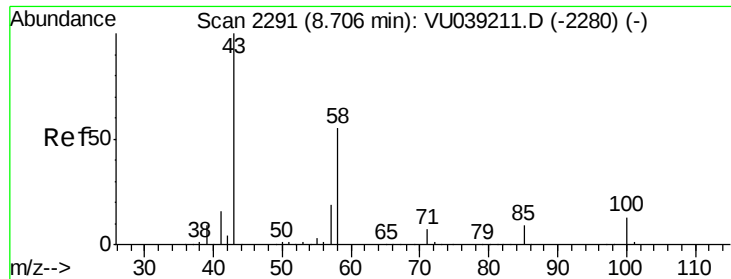
Tgt Ion: 63 Resp: 8303
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039230.D
 Acq: 30 Jun 2020 09:00

Tgt Ion: 75 Resp: 2283
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.7 42.1#

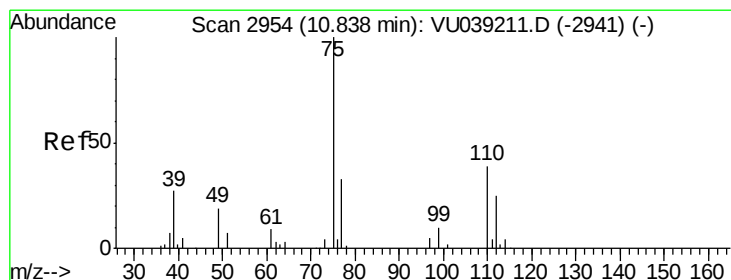
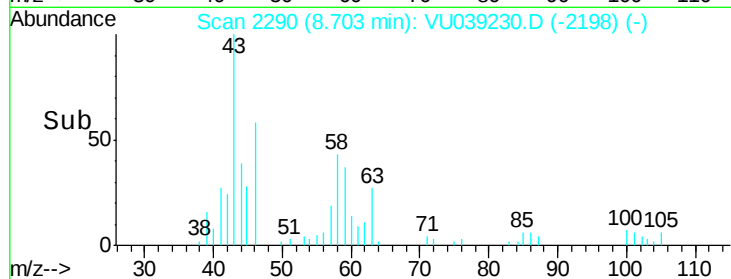
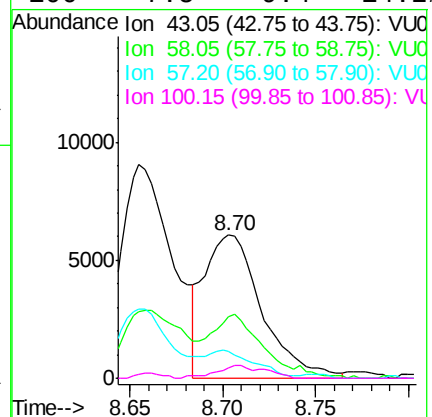
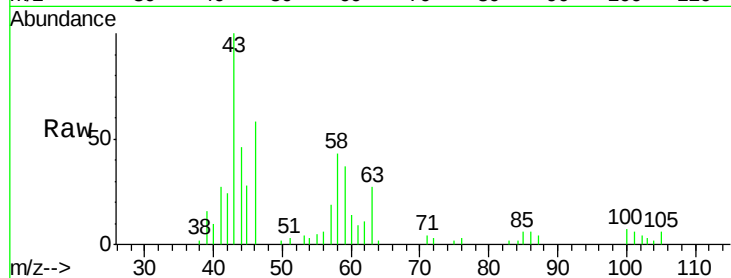




#48
2-Hexanone
Concen: 1.239 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039230.D
Acq: 30 Jun 2020 09:00

Instrument :
MSVOA_U
ClientSampleId :
C0Y25

Tgt Ion: 43 Resp: 13050
Ion Ratio Lower Upper
43 100
58 40.8 43.6 65.4#
57 16.1 15.6 23.4
100 7.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.839 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039230.D
Acq: 30 Jun 2020 09:00

Tgt Ion: 75 Resp: 12061
Ion Ratio Lower Upper
75 100
77 39.0 25.6 38.4#

