

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037938.D
 Acq On : 30 Apr 2020 02:04
 Operator : JC/MD
 Sample : L2410-13
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:13:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	685524	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	667935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	303384	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	259377	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.60%
7) Chloroethane-d5	1.93	69	219792	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.70%
11) 1,1-Dichloroethene-d2	2.59	63	334992	34.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.10%
21) 2-Butanone-d5	4.66	46	407634	85.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.89%
24) Chloroform-d	5.10	84	431804	47.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.66%
26) 1,2-Dichloroethane-d4	5.74	65	302947	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.76	84	941861	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.72	67	310943	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.44%
41) Toluene-d8	7.92	98	856702	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%
43) trans-1,3-Dichloropropene-	8.20	79	133567	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.16%
47) 2-Hexanone-d5	8.65	63	255534	74.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	421326	47.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.86%
64) 1,2-Dichlorobenzene-d4	12.20	152	300833	50.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.92%

Target Compounds

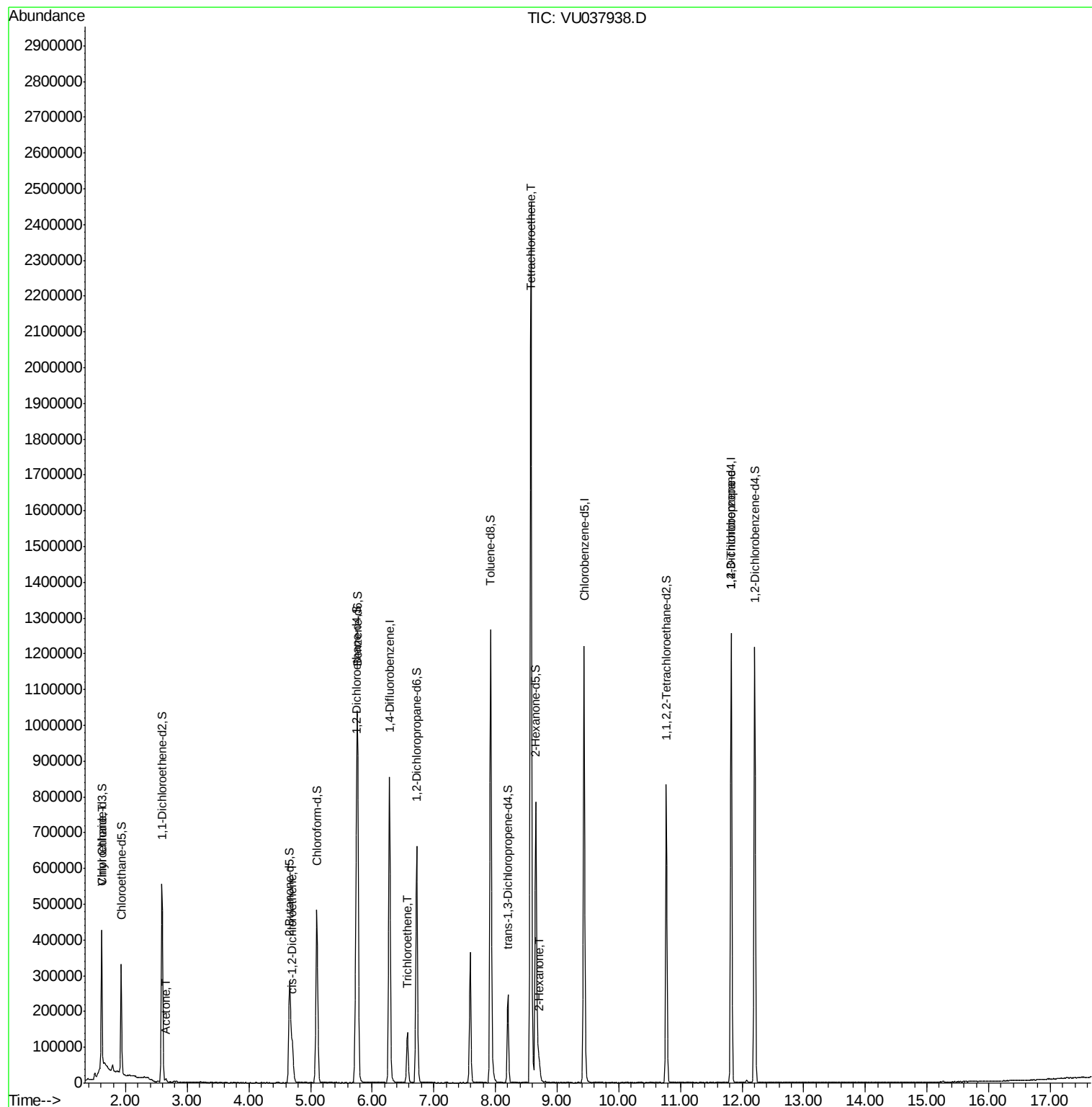
					Ovalue
8) Chloroethane	1.61	64	40208	10.522	ug/L 90
13) Acetone	2.65	43	10118	3.573	ug/L 96
20) cis-1,2-Dichloroethene	4.71	96	46259	9.079	ug/L 96
34) Trichloroethene	6.57	95	46516	9.354	ug/L 97
46) Tetrachloroethene	8.57	164	532259	146.438	ug/L 99
48) 2-Hexanone	8.71	43	36000	4.728	ug/L # 92
59) 1,2,3-Trichloropropane	11.83	75	42409	5.702	ug/L 92

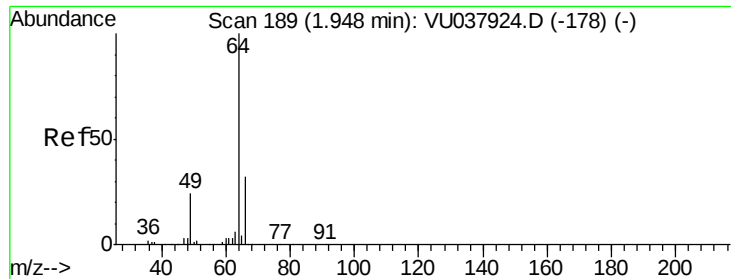
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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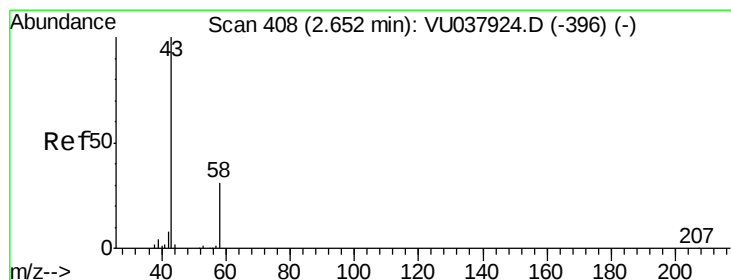
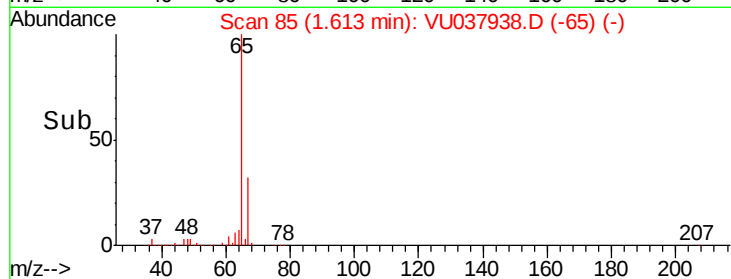
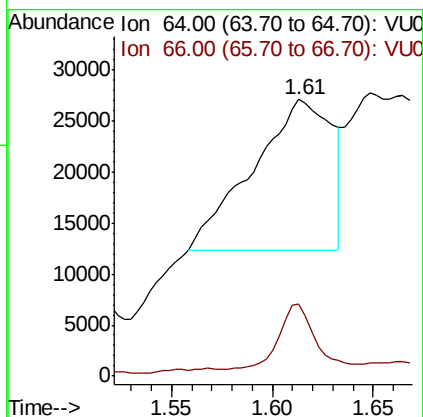
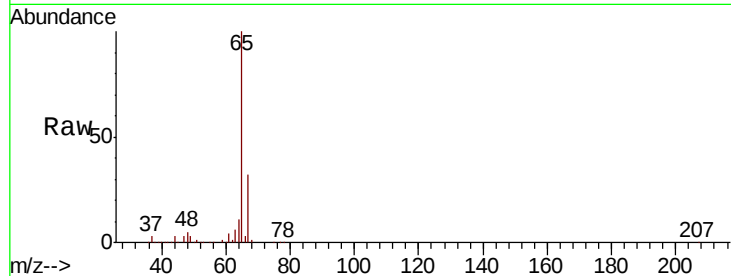




#8
Chloroethane
Concen: 10.522 ug/L
RT: 1.61 min Scan# 85
Delta R.T. -0.33 min
Lab File: VU037938.D
Acq: 30 Apr 2020 02:04

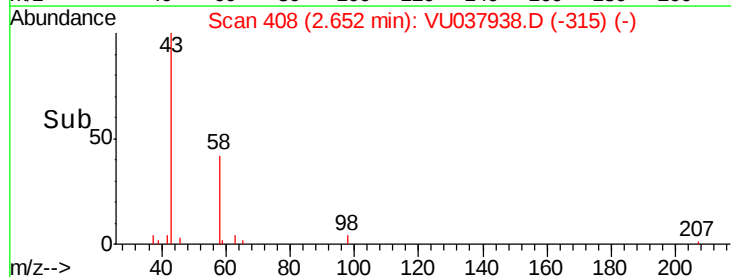
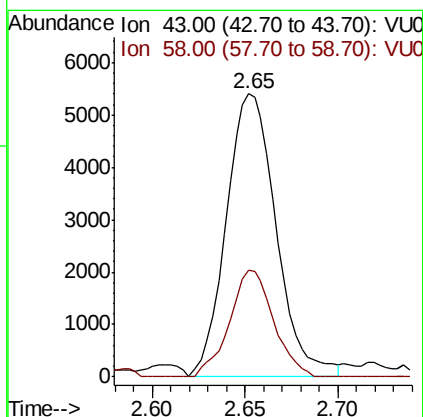
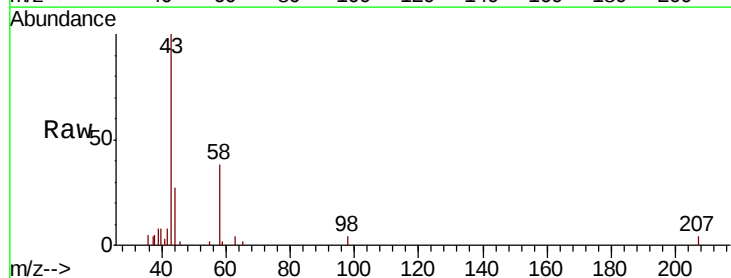
Instrument :
MSVOA_U
ClientSampled :

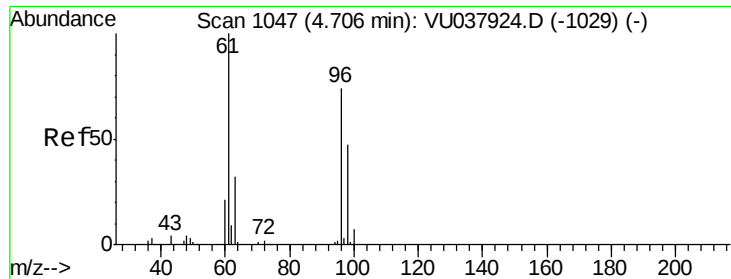
Tot Ion: 64 Resp: 40208
Ion Ratio Lower Upper
64 100
66 26.1 22.3 41.3



#13
Acetone
Concen: 3.573 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU037938.D
Acq: 30 Apr 2020 02:04

Tgt Ion: 43 Resp: 10118
Ion Ratio Lower Upper
43 100
58 33.2 0.0 62.0

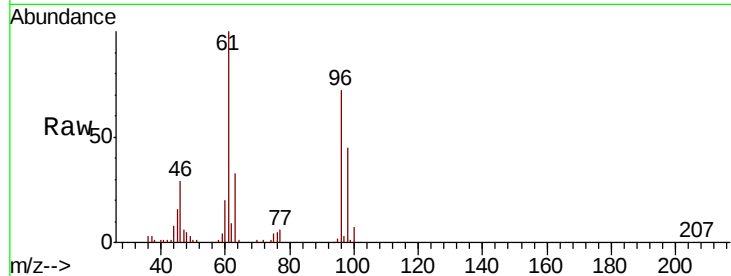




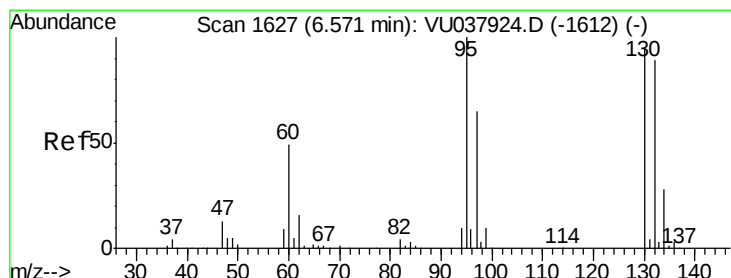
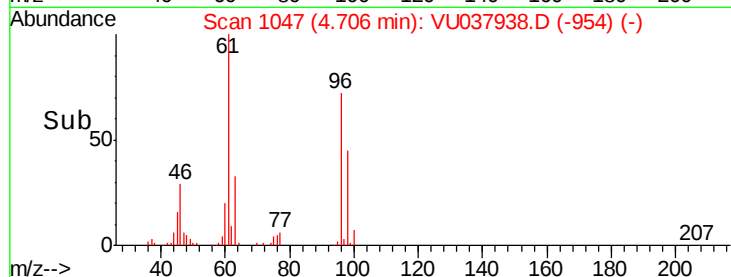
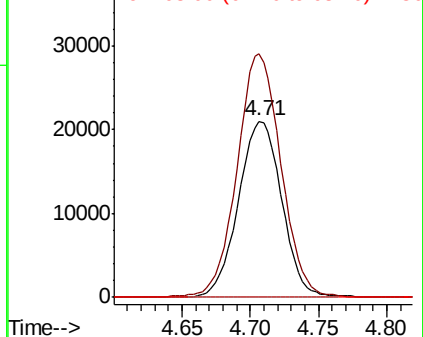
#20
 cis-1,2-Dichloroethene
 Concen: 9.079 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037938.D
 Acq: 30 Apr 2020 02:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 46259
 Ion Ratio Lower Upper
 96 100
 61 138.1 100.4 186.4
 68 0.0 0.0 0.0

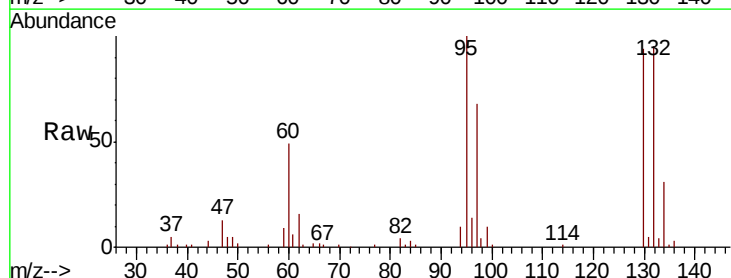


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

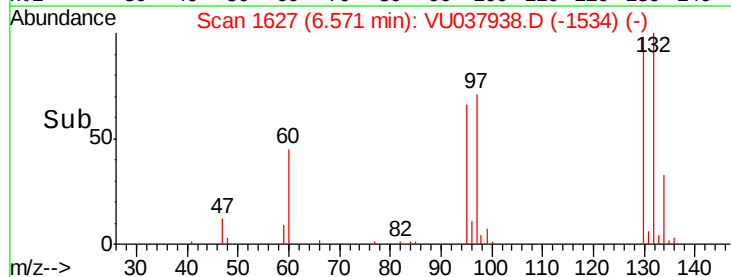
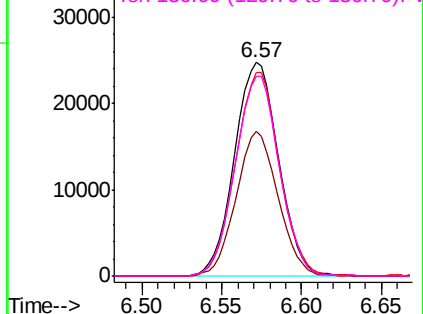


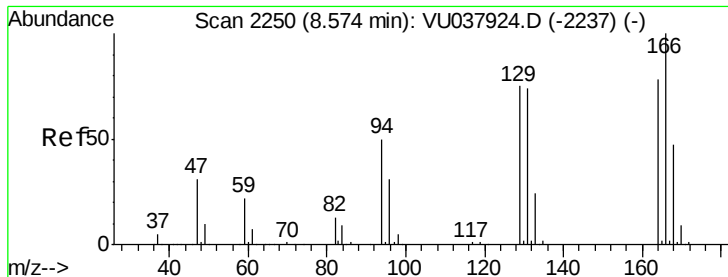
#34
 Trichloroethene
 Concen: 9.354 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037938.D
 Acq: 30 Apr 2020 02:04

Tgt Ion: 95 Resp: 46516
 Ion Ratio Lower Upper
 95 100
 97 68.0 44.4 82.5
 132 95.4 65.0 120.6
 130 93.8 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

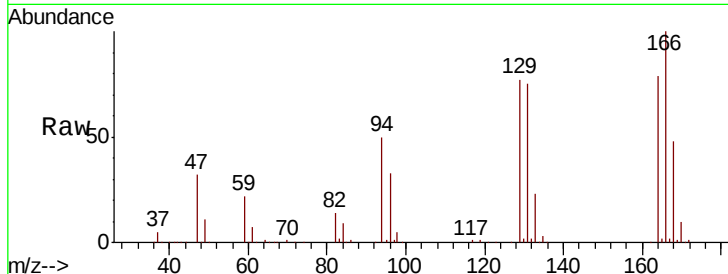




#46
Tetrachloroethene
Concen: 146.438 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037938.D
Acq: 30 Apr 2020 02:04

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.3	125.1
131	94.2	64.8	120.4
166	126.3	88.5	164.4



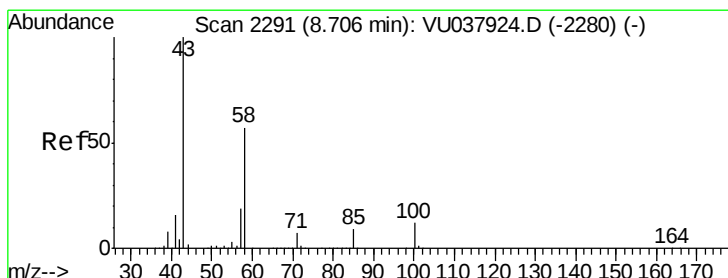
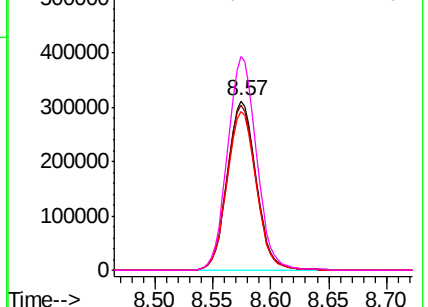
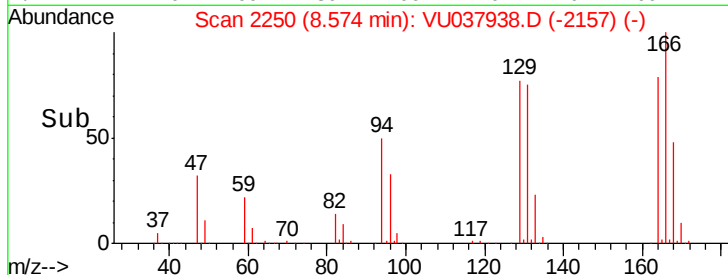
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

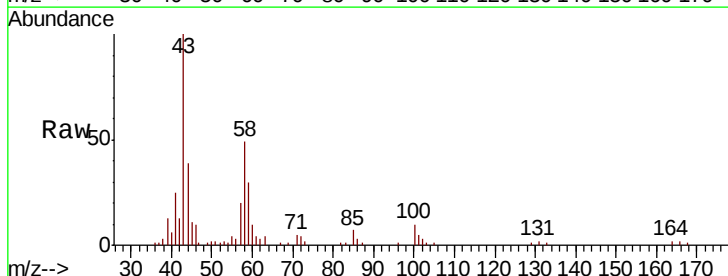
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 4.728 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VU037938.D
Acq: 30 Apr 2020 02:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.0	42.6	63.8
57	17.9	14.6	22.0
100	8.2	8.6	13.0



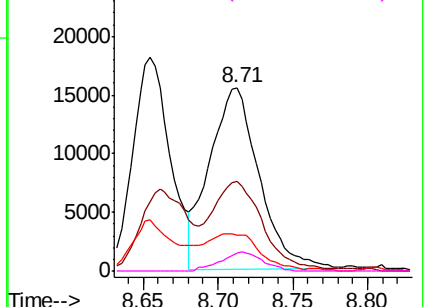
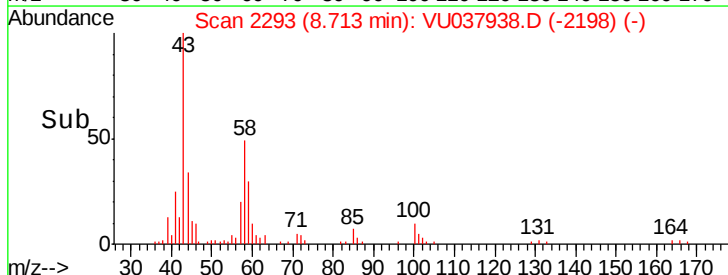
Abundance

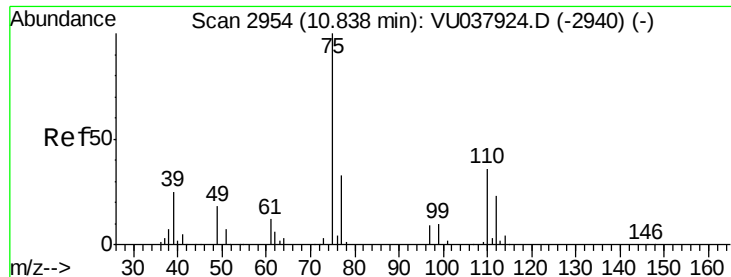
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.702 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037938.D

Acq: 30 Apr 2020 02:04

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 42409

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.6

