

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037968.D
 Acq On : 30 Apr 2020 22:57
 Operator : JC/MD
 Sample : L2410-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:15:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	723178	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	704745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	318813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	267636	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.14%
7) Chloroethane-d5	1.93	69	232053	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.70%
11) 1,1-Dichloroethene-d2	2.59	63	341805	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	4.66	46	429013	86.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.29%
24) Chloroform-d	5.10	84	423466	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.98%
26) 1,2-Dichloroethane-d4	5.74	65	300898	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
32) Benzene-d6	5.76	84	931698	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
36) 1,2-Dichloropropane-d6	6.72	67	312263	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.92	98	845745	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%
43) trans-1,3-Dichloropropene-	8.20	79	137799	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.34%
47) 2-Hexanone-d5	8.65	63	274567	91.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	422231	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	299450	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%

Target Compounds

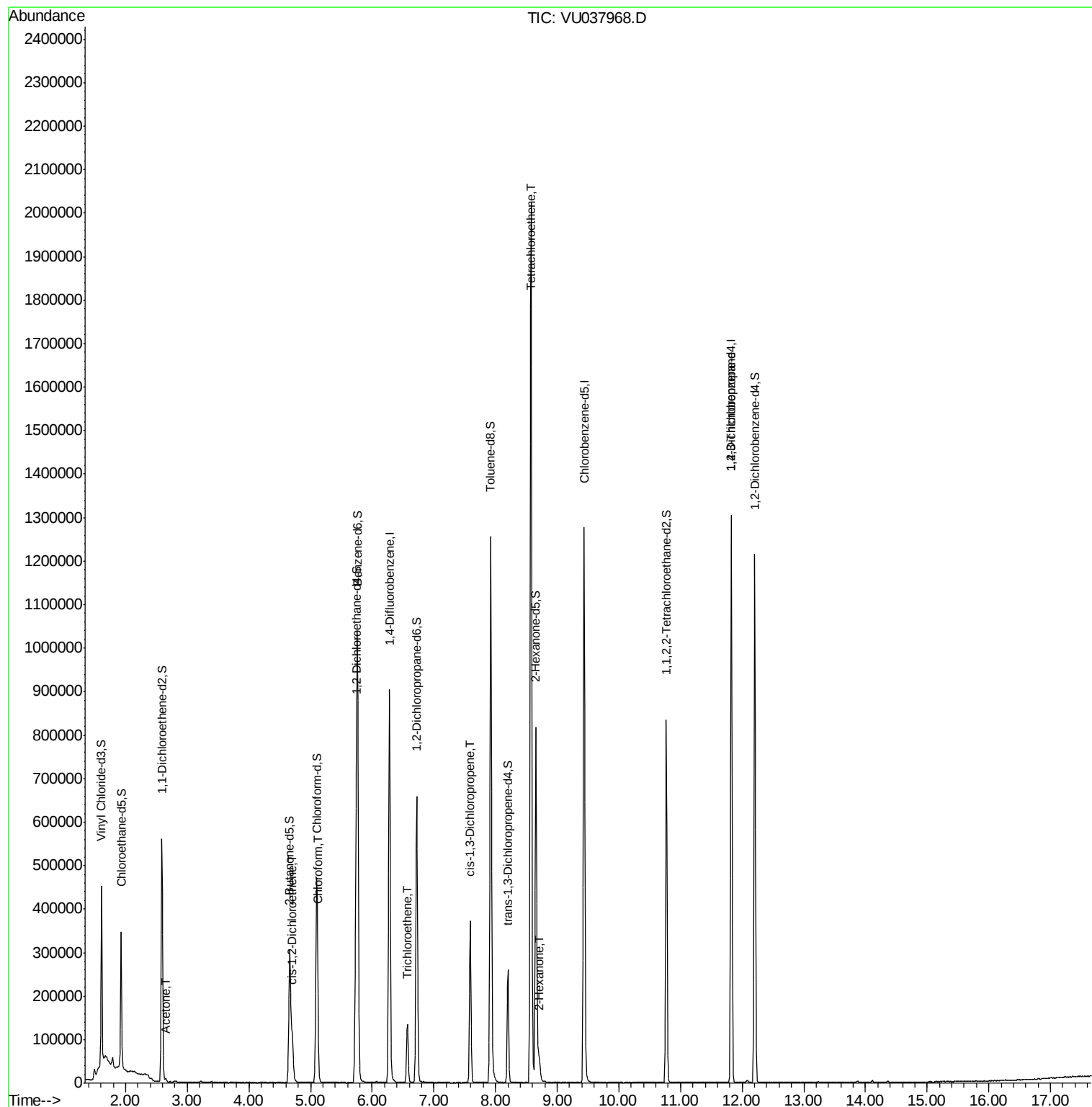
					Ovalue
13) Acetone	2.65	43	8715	2.722 ug/L	94
20) cis-1,2-Dichloroethene	4.70	96	43121	7.626 ug/L	96
25) Chloroform	5.12	83	10664	1.091 ug/L	84
34) Trichloroethene	6.57	95	45016	8.426 ug/L	97
39) cis-1,3-Dichloropropene	7.59	75	7948	0.880 ug/L #	64
46) Tetrachloroethene	8.57	164	438277	112.366 ug/L	99
48) 2-Hexanone	8.71	43	33312	4.236 ug/L	89
59) 1,2,3-Trichloropropane	11.82	75	45162	5.530 ug/L	94

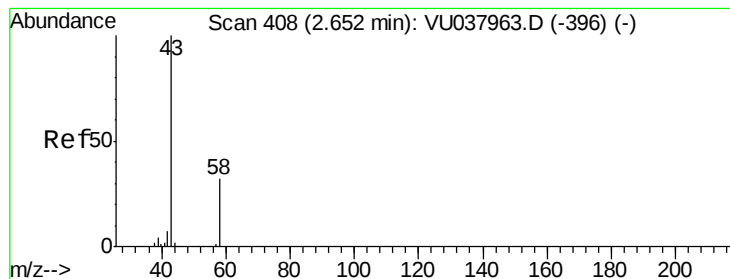
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 06:13:06 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.722 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037968.D

Acq: 30 Apr 2020 22:57

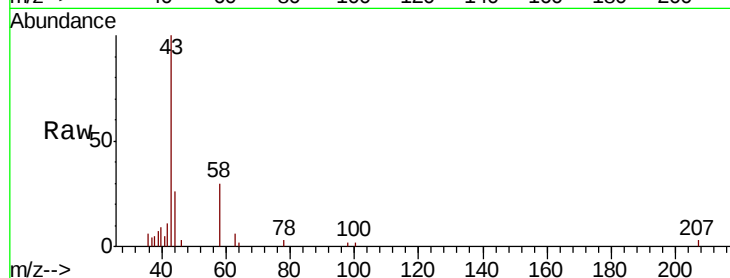
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 8715

Ion Ratio Lower Upper

43 100

58 35.6 0.0 64.4

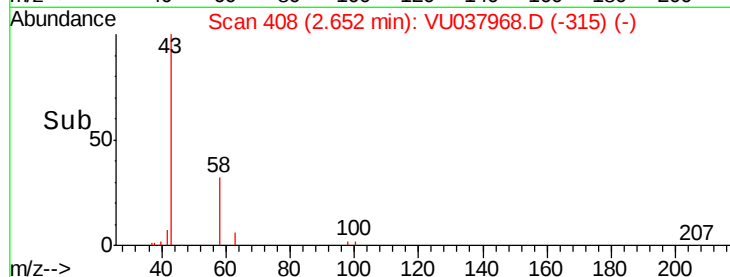


Abundance Ion 43.00 (42.70 to 43.70): VU037963.D (-396) (-)

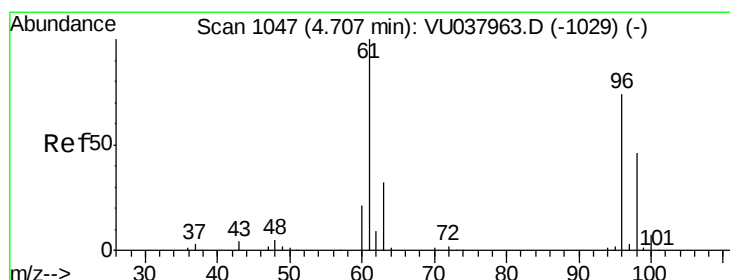
Ion 58.00 (57.70 to 58.70): VU037963.D (-396) (-)

2.65

Time-->



Time-->



#20

cis-1,2-Dichloroethene

Concen: 7.626 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037968.D

Acq: 30 Apr 2020 22:57

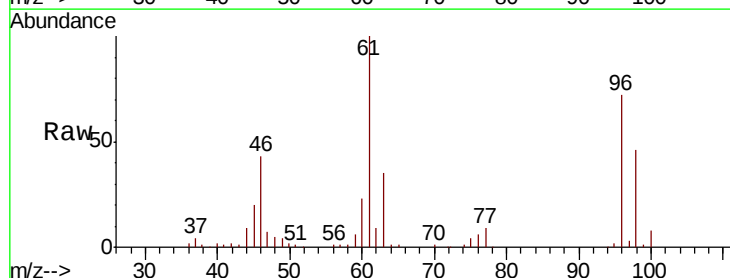
Tgt Ion: 96 Resp: 43121

Ion Ratio Lower Upper

96 100

61 138.6 93.9 174.3

68 0.0 0.0 0.0



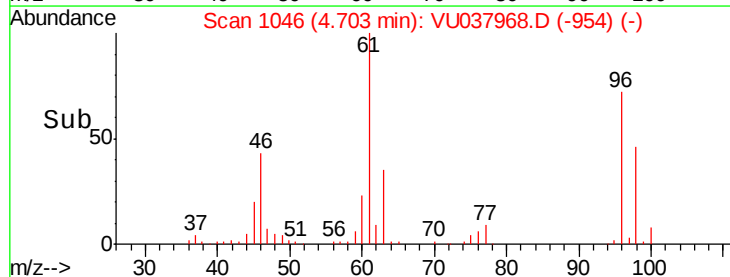
Abundance Ion 96.00 (95.70 to 96.70): VU037963.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037963.D (-1029) (-)

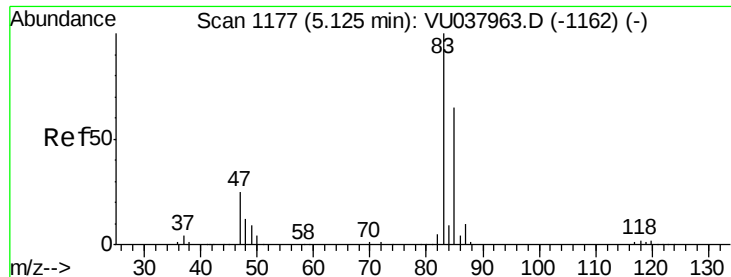
Ion 68.00 (67.70 to 68.70): VU037963.D (-1029) (-)

4.70

Time-->



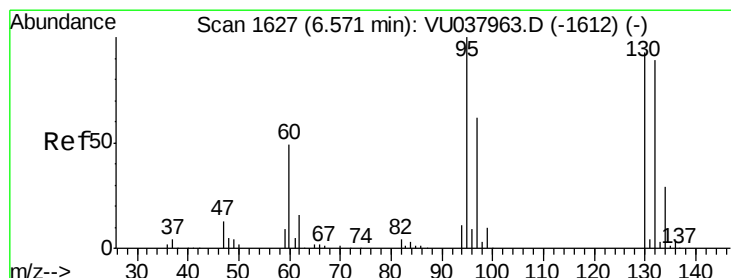
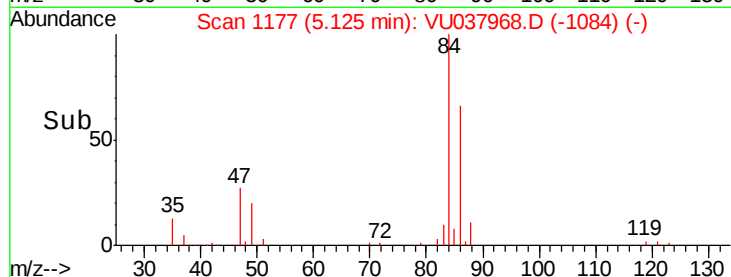
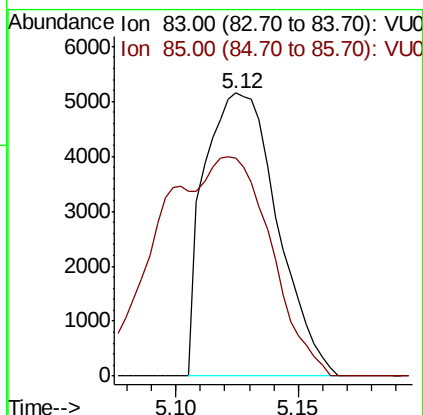
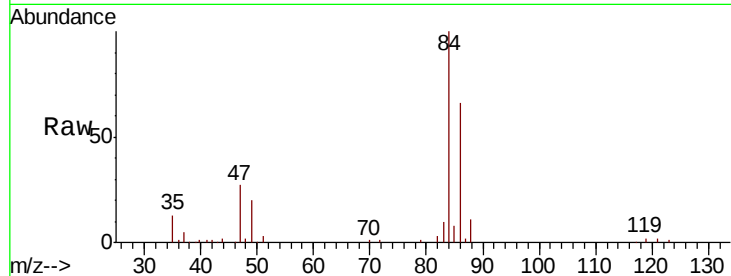
Time-->



#25
Chloroform
Concen: 1.091 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037968.D
Acq: 30 Apr 2020 22:57

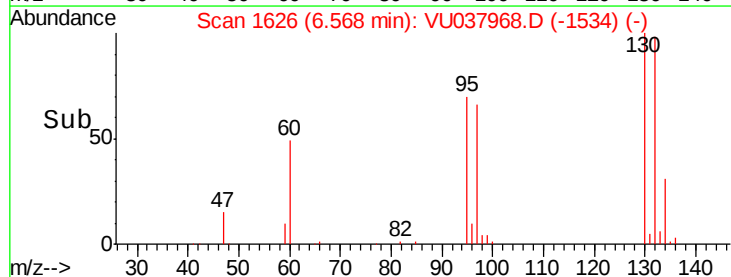
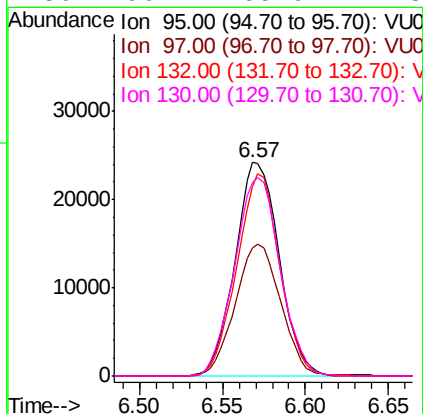
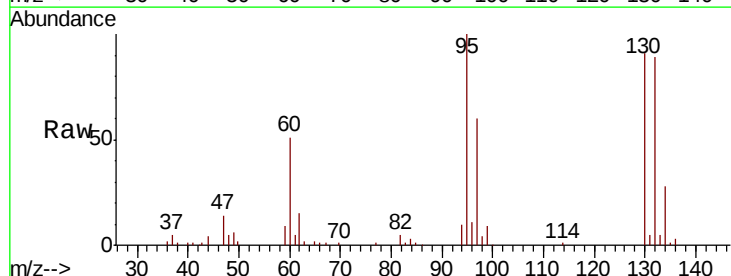
Instrument :
MSVOA_U
ClientSampled :

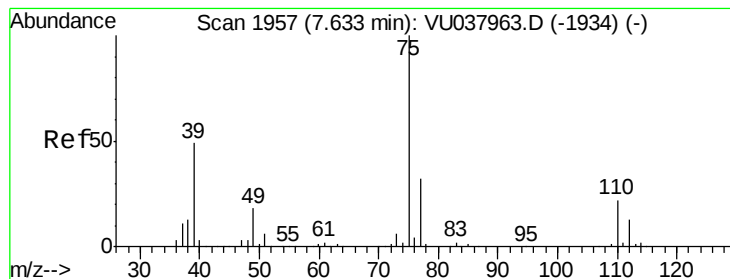
Tot Ion: 83 Resp: 10664
Ion Ratio Lower Upper
83 100
85 76.9 45.0 83.6



#34
Trichloroethene
Concen: 8.426 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU037968.D
Acq: 30 Apr 2020 22:57

Tgt Ion: 95 Resp: 45016
Ion Ratio Lower Upper
95 100
97 59.6 44.9 83.5
132 88.7 63.2 117.4
130 90.7 65.9 122.3



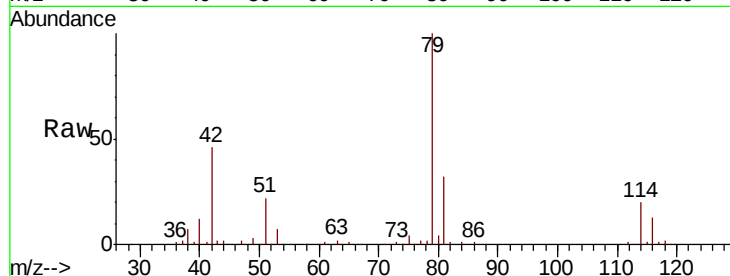


#39

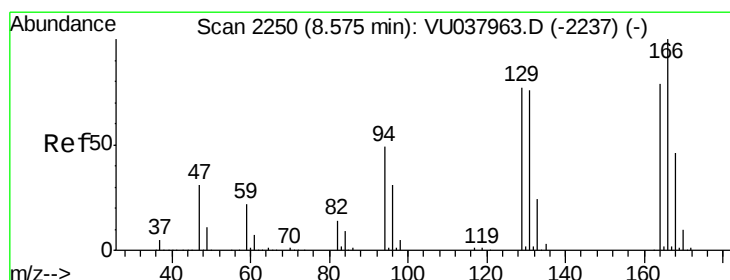
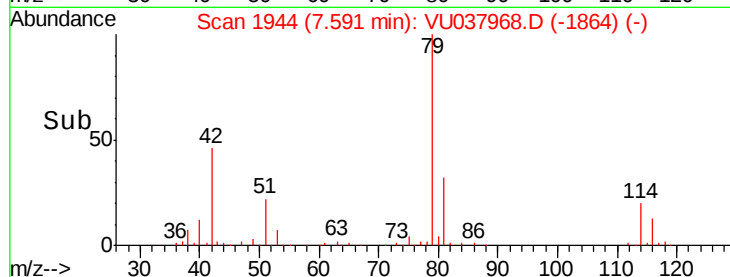
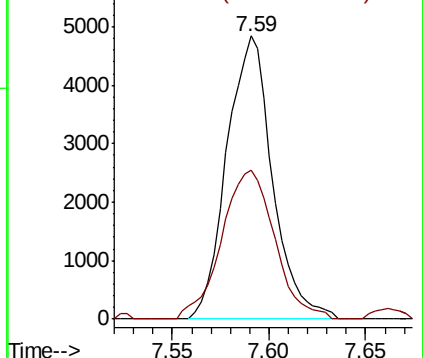
cis-1,3-Dichloropropene
 Concen: 0.880 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037968.D
 Acq: 30 Apr 2020 22:57

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7948
 Ion Ratio Lower Upper
 75 100
 77 52.6 22.6 42.0#



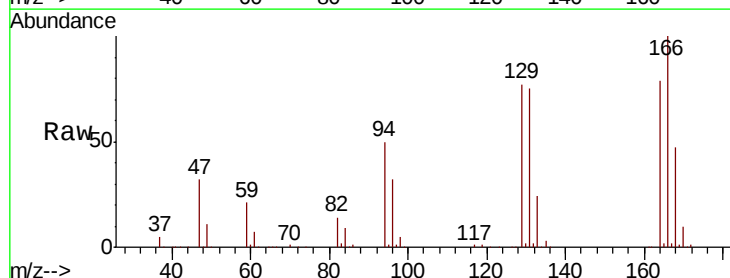
Abundance Ion 75.00 (74.70 to 75.70): VU037963.D (-1934) (-)
 Ion 77.00 (76.70 to 77.70): VU037963.D (-1934) (-)



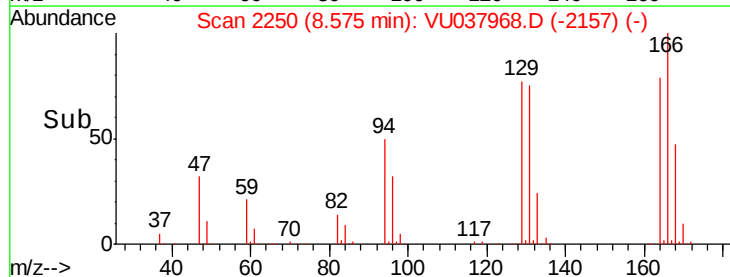
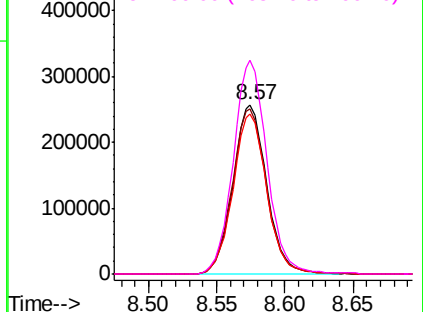
#46

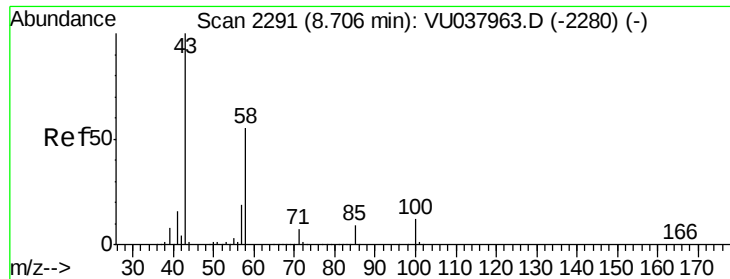
Tetrachloroethene
 Concen: 112.366 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037968.D
 Acq: 30 Apr 2020 22:57

Tgt Ion:164 Resp: 438277
 Ion Ratio Lower Upper
 164 100
 129 97.1 68.4 127.0
 131 94.4 65.7 122.1
 166 125.9 86.7 161.1



Abundance Ion 164.00 (163.70 to 164.70): VU037963.D (-2237) (-)
 Ion 129.00 (128.70 to 129.70): VU037963.D (-2237) (-)
 Ion 131.00 (130.70 to 131.70): VU037963.D (-2237) (-)
 Ion 166.00 (165.70 to 166.70): VU037963.D (-2237) (-)

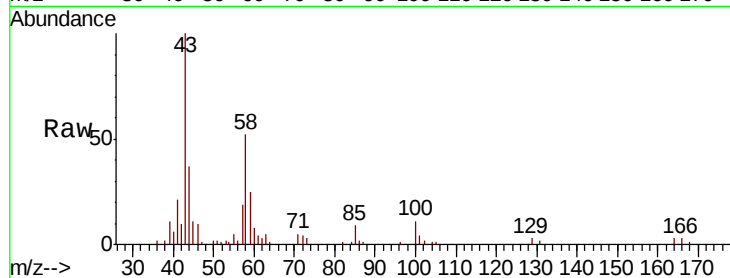




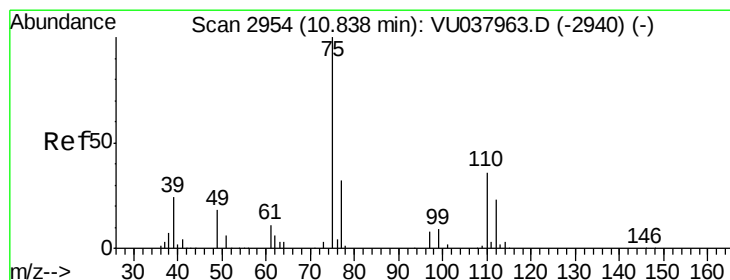
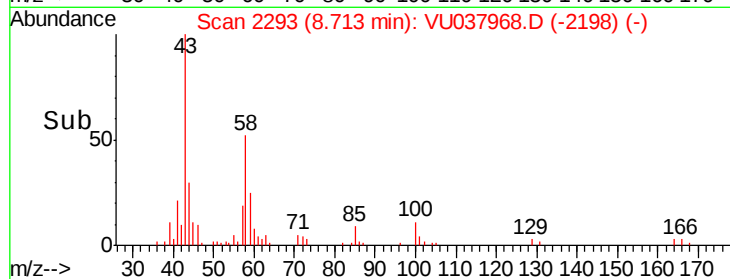
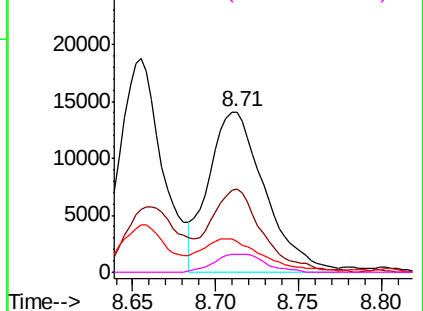
#48
 2-Hexanone
 Concen: 4.236 ug/L
 RT: 8.71 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: VU037968.D
 Acq: 30 Apr 2020 22:57

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	43	Resp:	33312
Ion	Ratio	Lower	Upper
43	100		
58	47.8	46.4	69.6
57	22.8	16.4	24.6
100	10.1	9.5	14.3

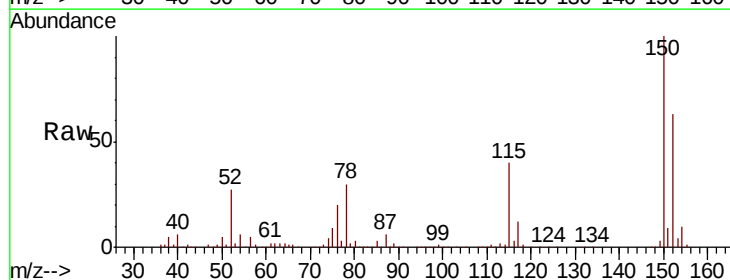


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0



#59
 1,2,3-Trichloropropane
 Concen: 5.530 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037968.D
 Acq: 30 Apr 2020 22:57

Tgt Ion:	75	Resp:	45162
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

