

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037939.D
 Acq On : 30 Apr 2020 02:26
 Operator : JC/MD
 Sample : L2410-14
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:13:54 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	661184	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	644695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	300019	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	182327	31.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.12%
7) Chloroethane-d5	1.93	69	179518	40.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.18%
11) 1,1-Dichloroethene-d2	2.59	63	259760	27.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.56%#
21) 2-Butanone-d5	4.66	46	416201	90.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.92%
24) Chloroform-d	5.10	84	374709	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
26) 1,2-Dichloroethane-d4	5.74	65	266076	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
32) Benzene-d6	5.76	84	793416	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.04%
36) 1,2-Dichloropropane-d6	6.72	67	276963	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.84%
41) Toluene-d8	7.92	98	708751	42.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.20	79	120320	38.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.68%
47) 2-Hexanone-d5	8.66	63	280712	84.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.57%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	409006	48.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.42%
64) 1,2-Dichlorobenzene-d4	12.20	152	273182	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

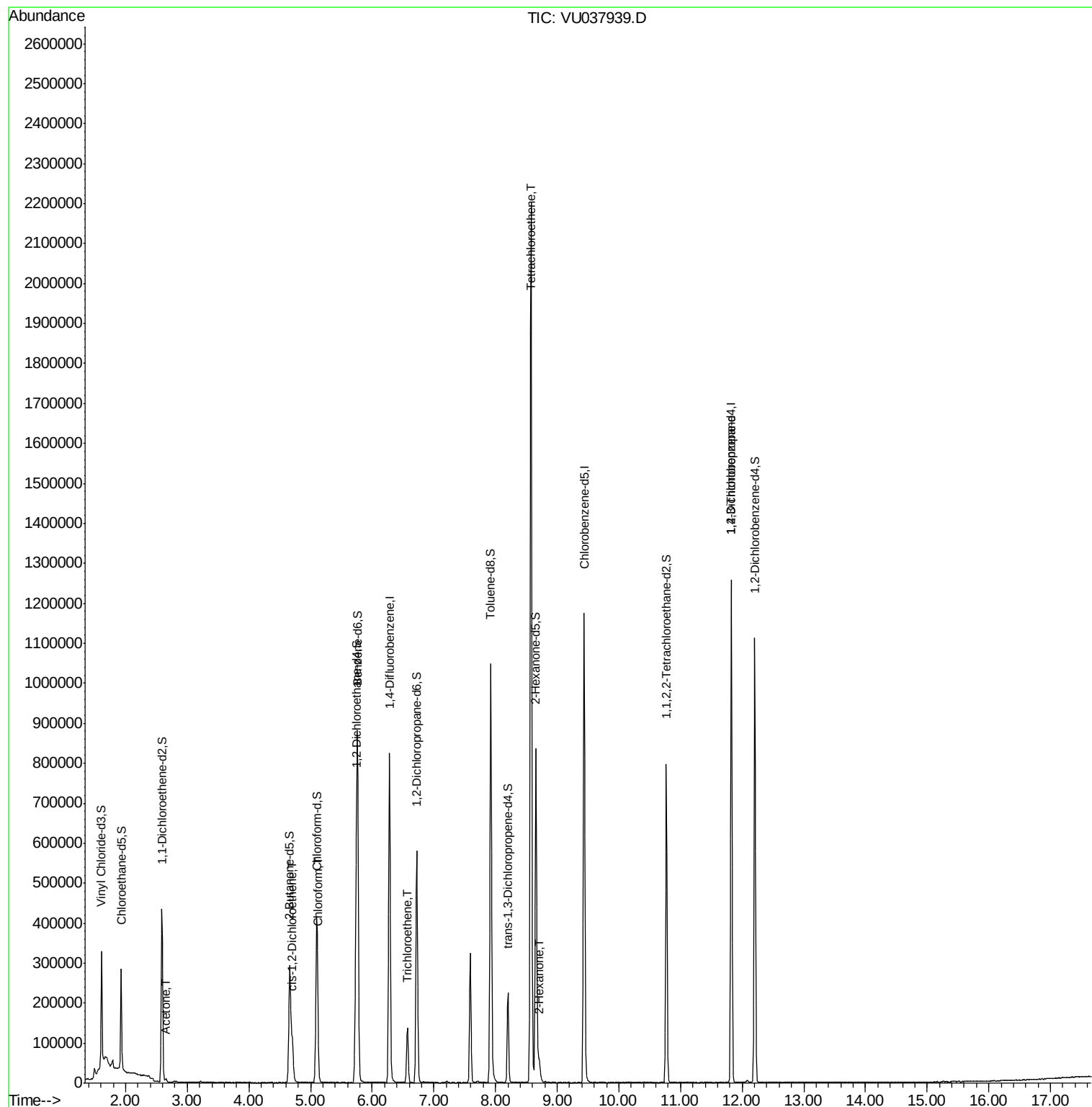
					Ovalue
13) Acetone	2.65	43	9274	3.396	ug/L 97
20) cis-1,2-Dichloroethene	4.71	96	43439	8.839	ug/L 99
25) Chloroform	5.12	83	11332	1.339	ug/L 97
34) Trichloroethene	6.57	95	45860	9.555	ug/L 95
46) Tetrachloroethene	8.57	164	479061	136.553	ug/L 98
48) 2-Hexanone	8.71	43	29425	4.004	ug/L # 91
59) 1,2,3-Trichloropropane	11.83	75	41811	5.824	ug/L 90

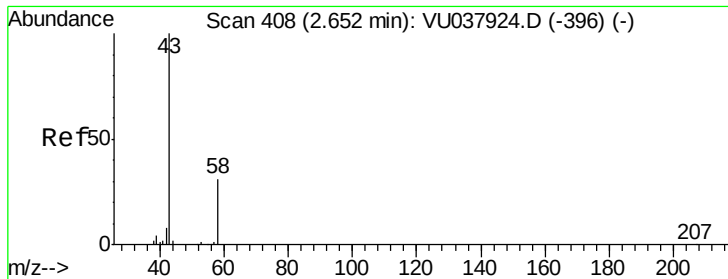
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.396 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037939.D

Acq: 30 Apr 2020 02:26

Instrument :

MSVOA_U

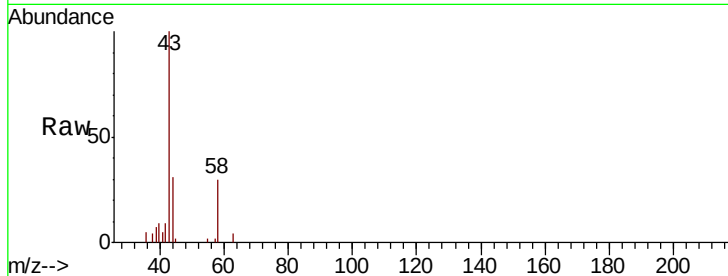
ClientSampleId :

Tot Ion: 43 Resp: 9274

Ion Ratio Lower Upper

43 100

58 29.1 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037924.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037924.D (-396) (-)

2.65

6000

5000

4000

3000

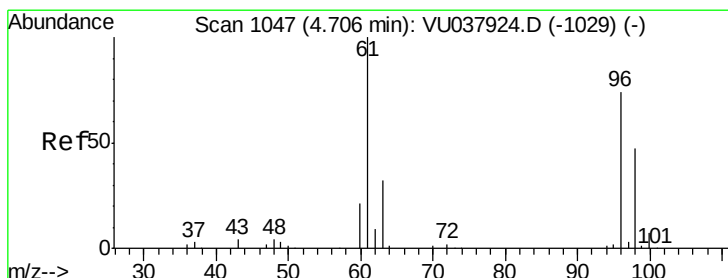
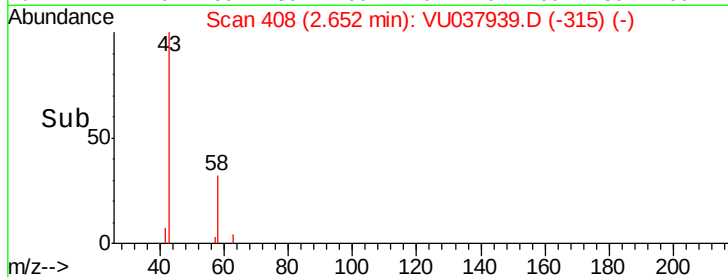
2000

1000

0

Time-->

2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 8.839 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037939.D

Acq: 30 Apr 2020 02:26

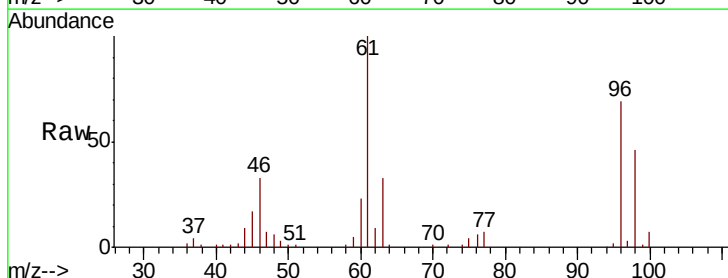
Tgt Ion: 96 Resp: 43439

Ion Ratio Lower Upper

96 100

61 144.9 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037924.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037924.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037924.D (-1029) (-)

4.71

30000

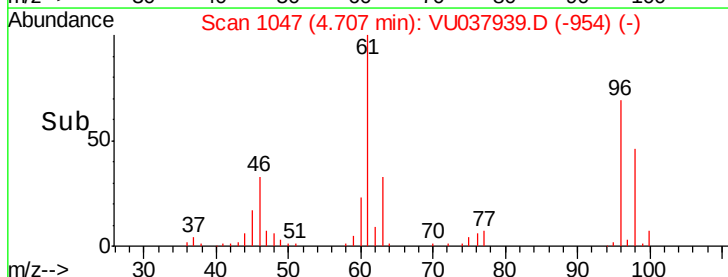
20000

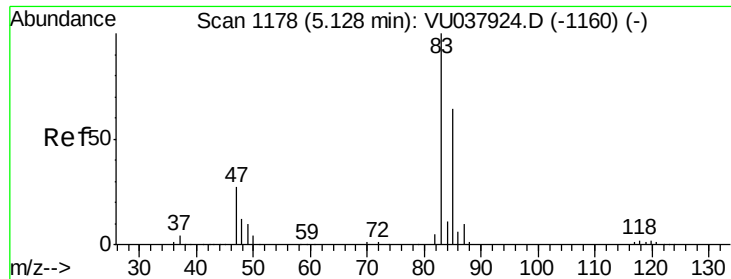
10000

0

Time-->

4.65 4.70 4.75 4.80

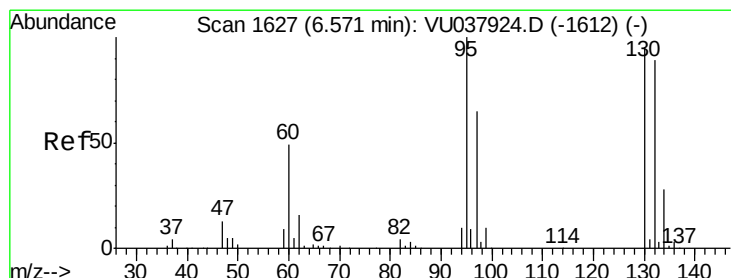
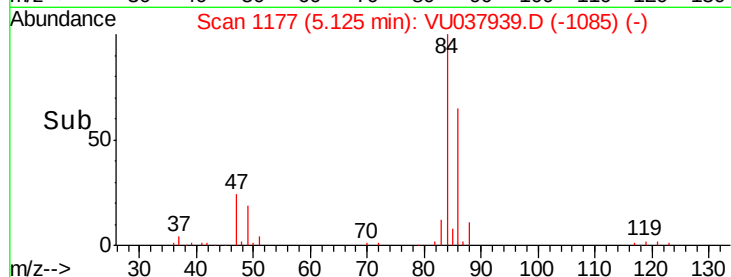
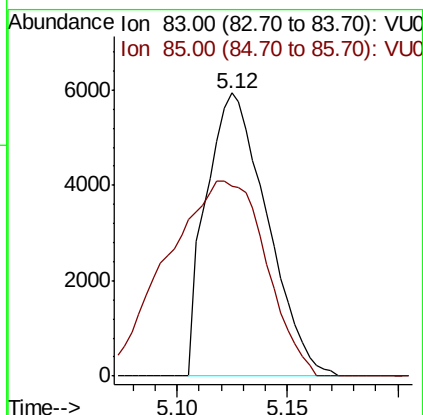
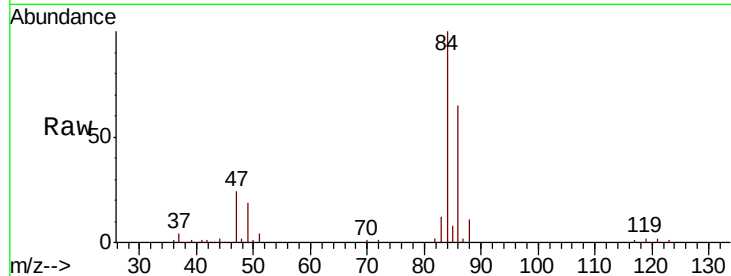




#25
Chloroform
Concen: 1.339 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037939.D
Acq: 30 Apr 2020 02:26

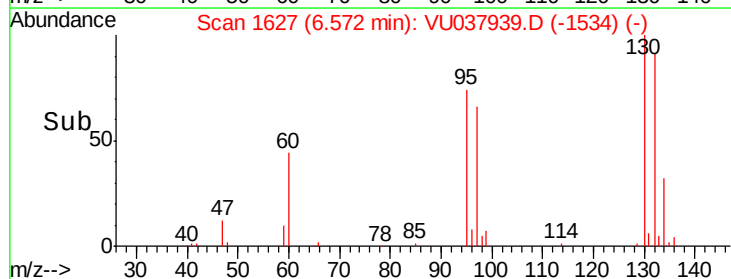
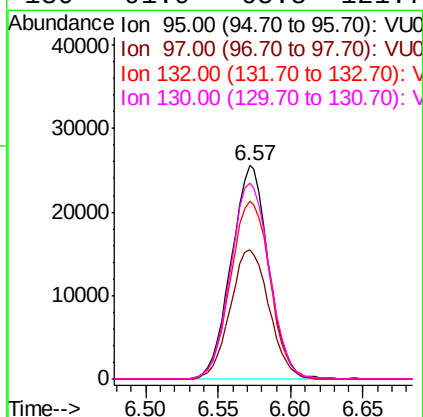
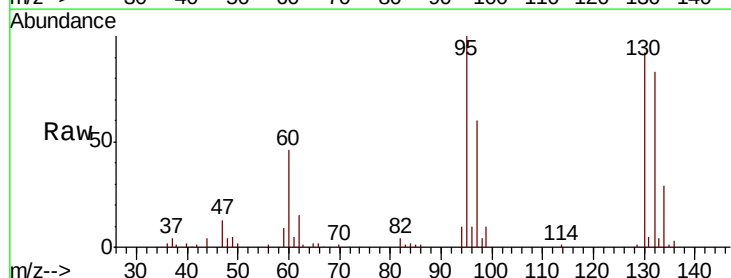
Instrument :
MSVOA_U
ClientSampleId :

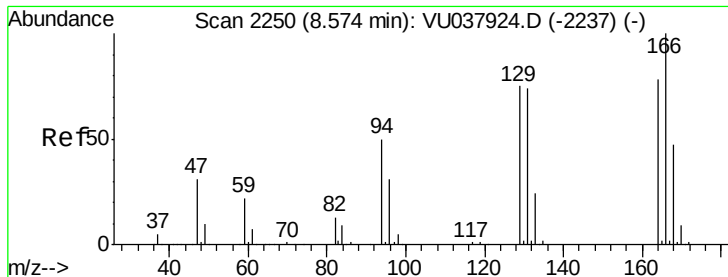
Tot Ion: 83 Resp: 11332
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.9



#34
Trichloroethene
Concen: 9.555 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037939.D
Acq: 30 Apr 2020 02:26

Tgt Ion: 95 Resp: 45860
Ion Ratio Lower Upper
95 100
97 60.3 44.4 82.5
132 83.2 65.0 120.6
130 91.9 65.5 121.7

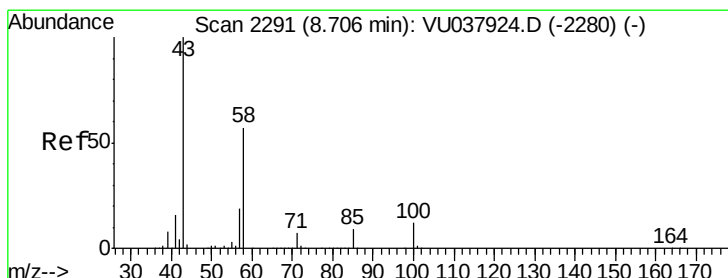
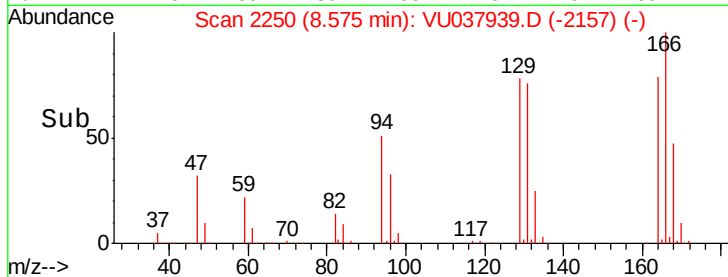
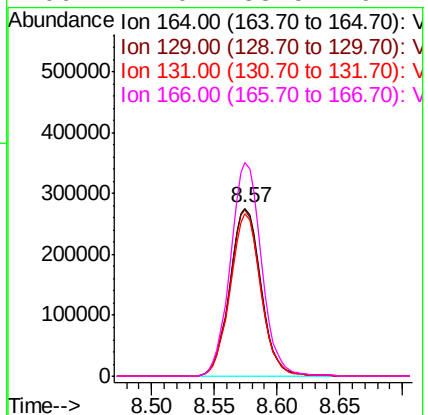
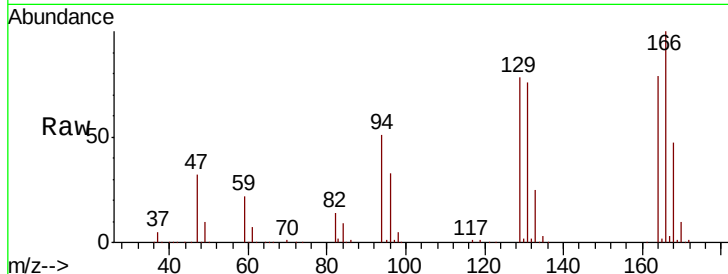




#46
Tetrachloroethene
Concen: 136.553 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU037939.D
Acq: 30 Apr 2020 02:26

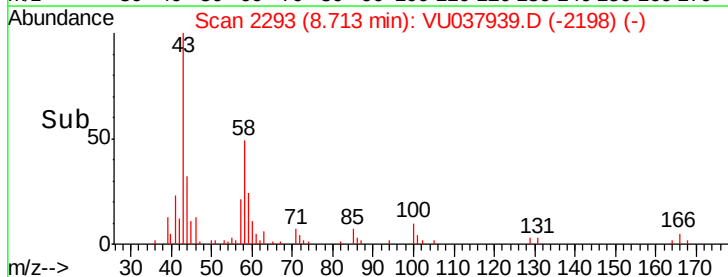
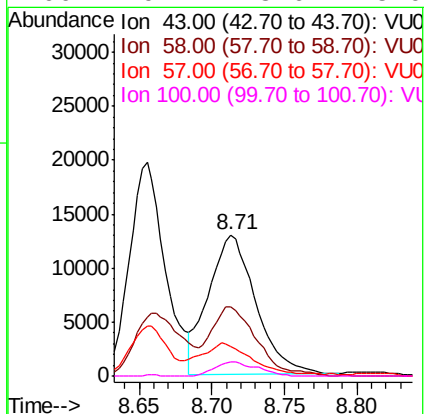
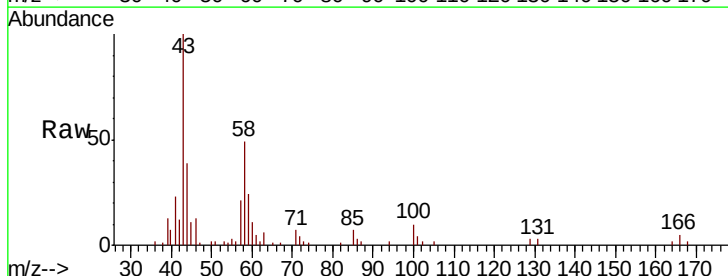
Instrument :
MSVOA_U
ClientSampleId :

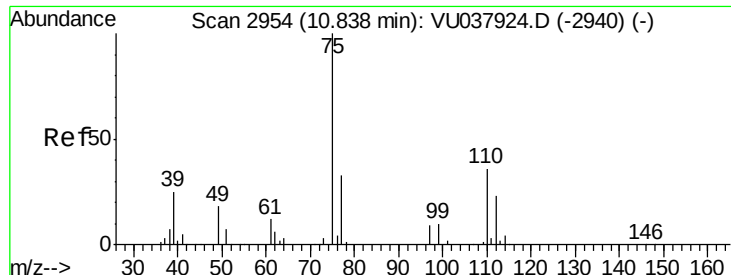
Tot Ion	Ratio	Lower	Upper
164	100		
129	99.1	67.3	125.1
131	96.3	64.8	120.4
166	127.0	88.5	164.4



#48
2-Hexanone
Concen: 4.004 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VU037939.D
Acq: 30 Apr 2020 02:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.0	42.6	63.8
57	25.8	14.6	22.0
100	9.2	8.6	13.0





#59

1,2,3-Trichloropropane

Concen: 5.824 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037939.D

Acq: 30 Apr 2020 02:26

Instrument :

MSVOA_U

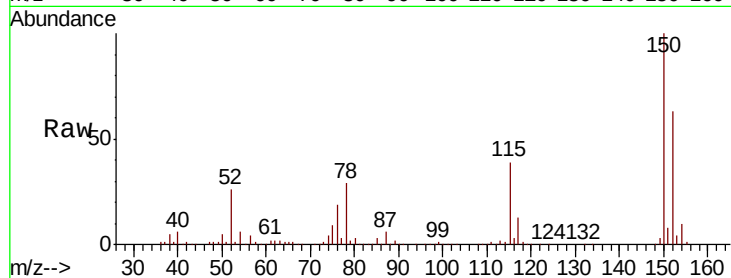
ClientSampleId :

Tot Ion: 75 Resp: 41811

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

