

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037929.D
 Acq On : 29 Apr 2020 22:40
 Operator : JC/MD
 Sample : L2410-04
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:12:34 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	626243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	594269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	262102	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	245105	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.58%
7) Chloroethane-d5	1.93	69	211392	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.59	63	303288	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.48%
21) 2-Butanone-d5	4.66	46	410790	94.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.75%
24) Chloroform-d	5.10	84	398774	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.74	65	292763	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
32) Benzene-d6	5.76	84	870545	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.72	67	292741	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.16%
41) Toluene-d8	7.92	98	753180	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	8.20	79	109582	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
47) 2-Hexanone-d5	8.65	63	277314	90.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.63%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	405522	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	12.20	152	264352	51.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.66%

Target Compounds

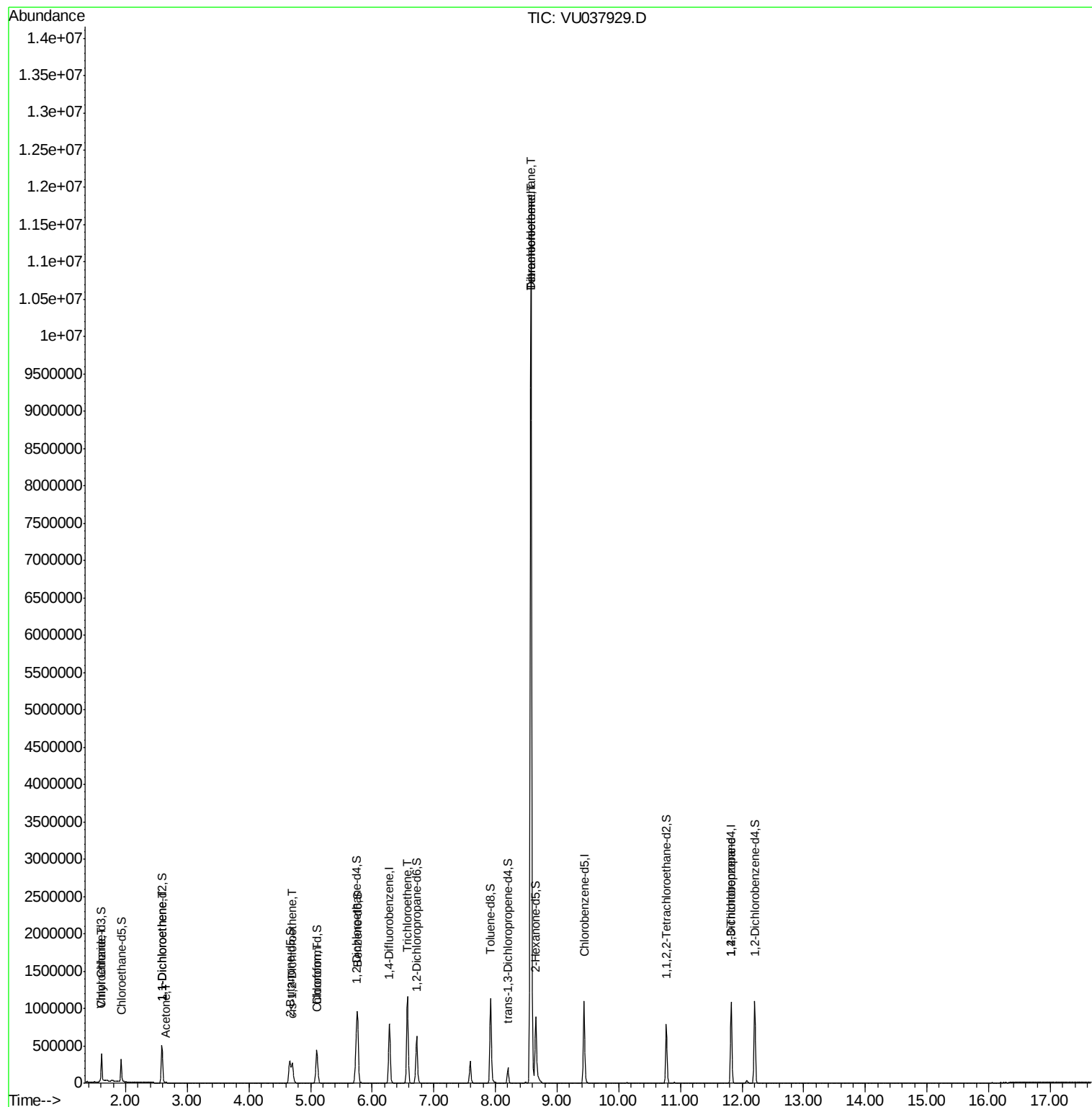
					Ovalue
8) Chloroethane	1.61	64	15660	4.486	ug/L 86
12) 1,1-Dichloroethene	2.59	96	3682	0.968	ug/L # 1
13) Acetone	2.65	43	8731	3.375	ug/L 93
20) cis-1,2-Dichloroethene	4.71	96	117781	25.305	ug/L 92
25) Chloroform	5.12	83	10526	1.313	ug/L 81
34) Trichloroethene	6.57	95	394247	89.109	ug/L 98
46) Tetrachloroethene	8.57	164	2527267	781.508	ug/L 97
49) Dibromochloromethane	8.57	129	2477919	552.179	ug/L # 10
59) 1,2,3-Trichloropropane	11.82	75	36771	5.556	ug/L 91

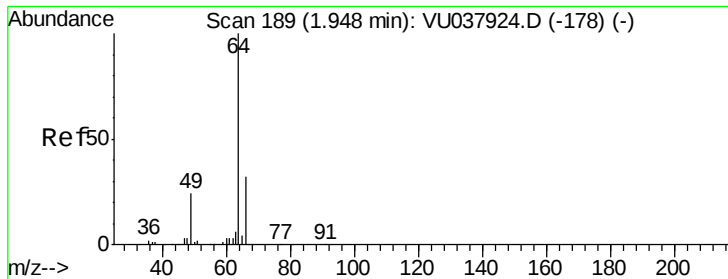
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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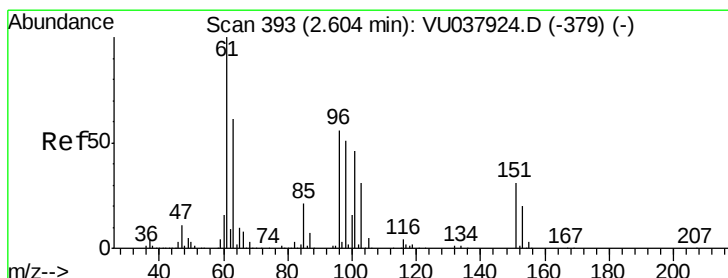
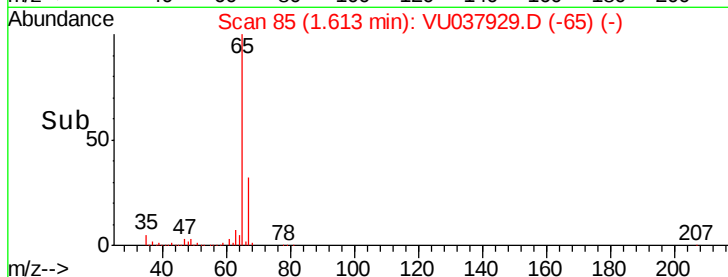
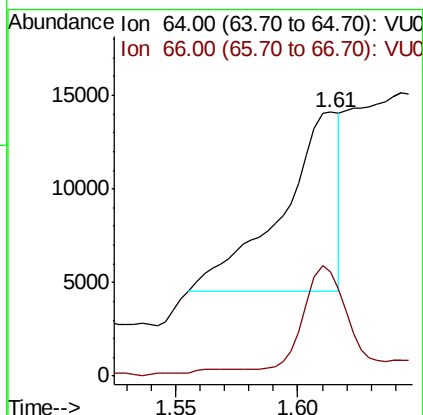
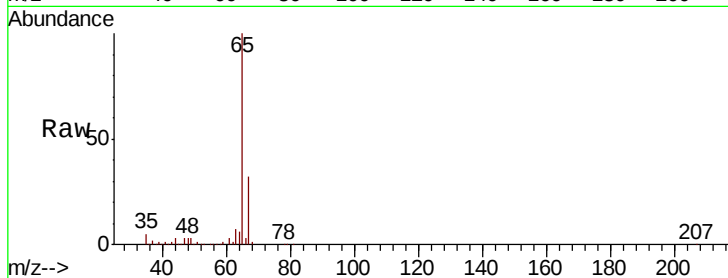




#8
Chloroethane
Concen: 4.486 ug/L
RT: 1.61 min Scan# 85
Delta R.T. -0.33 min
Lab File: VU037929.D
Acq: 29 Apr 2020 22:40

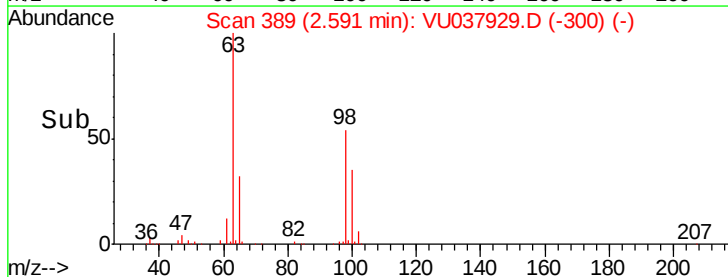
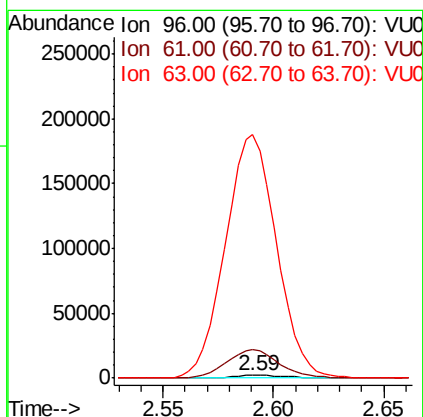
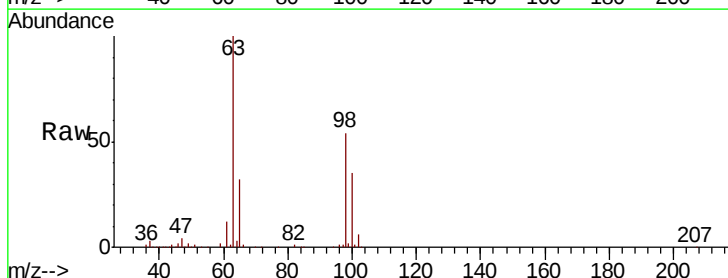
Instrument :
MSVOA_U
ClientSampleId :

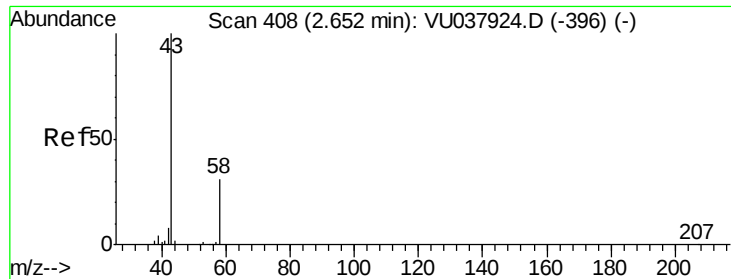
Tot Ion: 64 Resp: 15660
Ion Ratio Lower Upper
64 100
66 39.4 22.3 41.3



#12
1,1-Dichloroethene
Concen: 0.968 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.01 min
Lab File: VU037929.D
Acq: 29 Apr 2020 22:40

Tgt Ion: 96 Resp: 3682
Ion Ratio Lower Upper
96 100
61 1081.4 134.1 249.0#
63 9266.9 96.5 179.1#





#13

Acetone

Concen: 3.375 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037929.D

Acq: 29 Apr 2020 22:40

Instrument :

MSVOA_U

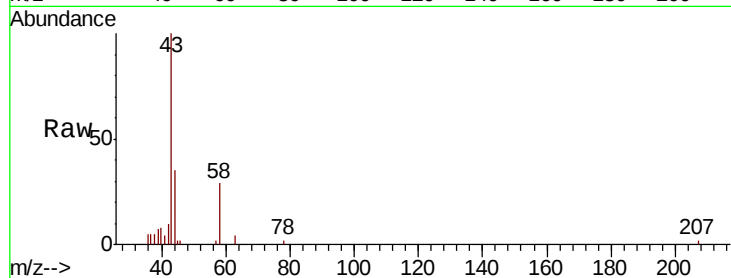
ClientSampleId :

Tot Ion: 43 Resp: 8731

Ion Ratio Lower Upper

43 100

58 34.7 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037929.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037929.D (-315) (-)

2.65

6000

5000

4000

3000

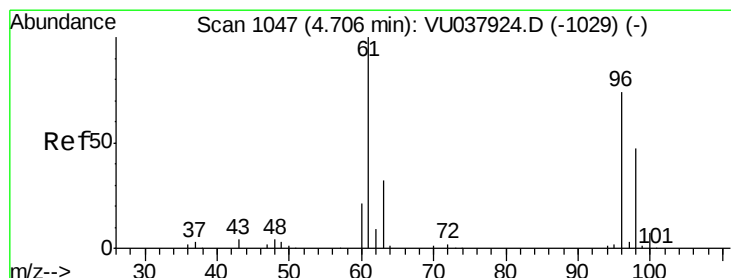
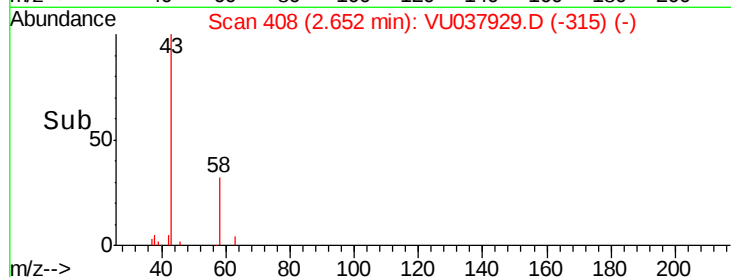
2000

1000

0

Time-->

2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 25.305 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037929.D

Acq: 29 Apr 2020 22:40

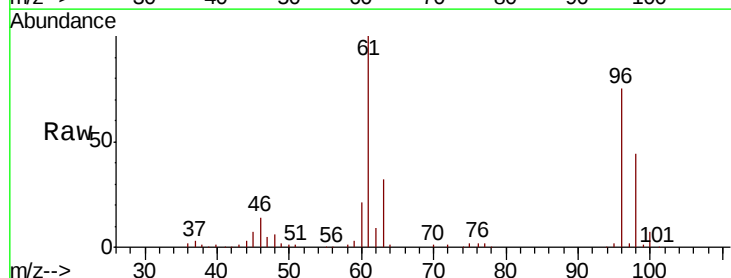
Tgt Ion: 96 Resp: 117781

Ion Ratio Lower Upper

96 100

61 133.9 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037929.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037929.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037929.D (-954) (-)

4.71

100000

80000

60000

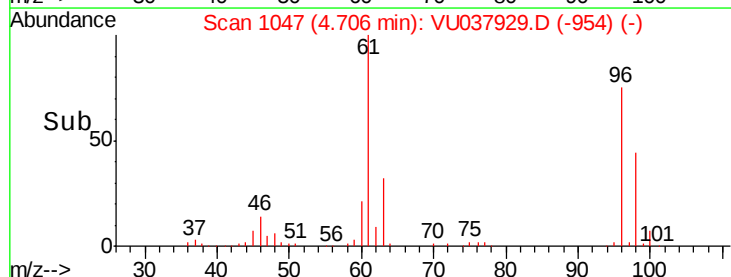
40000

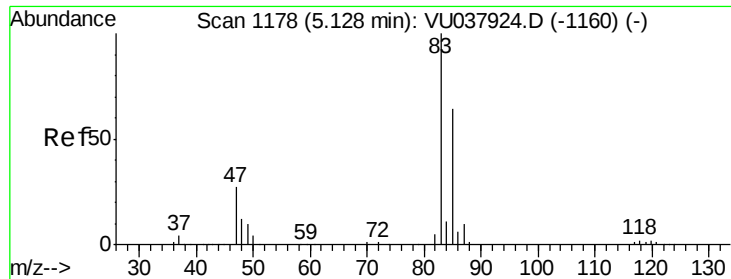
20000

0

Time-->

4.60 4.65 4.70 4.75 4.80

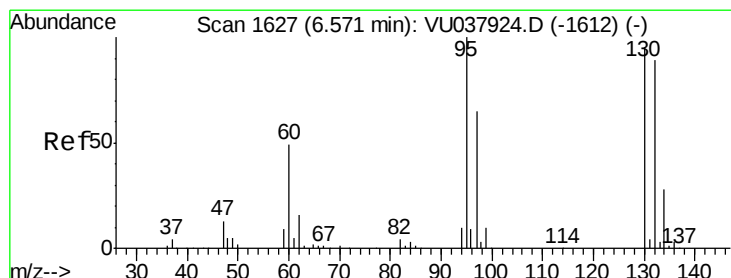
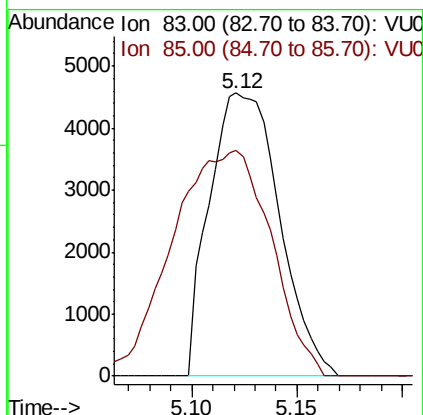
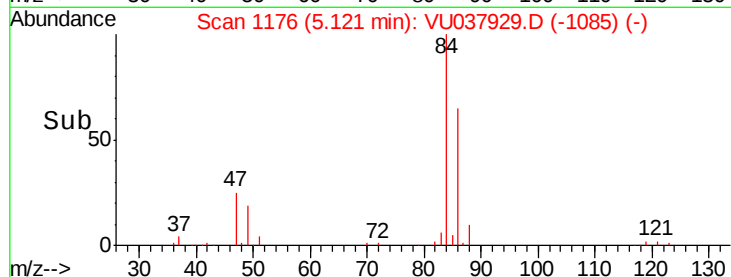
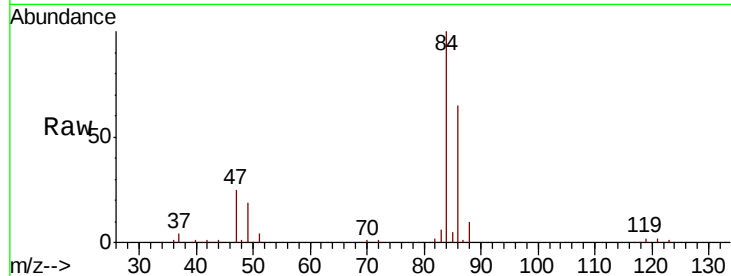




#25
Chloroform
Concen: 1.313 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VU037929.D
Acq: 29 Apr 2020 22:40

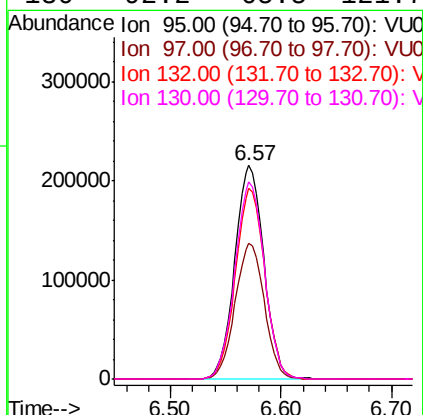
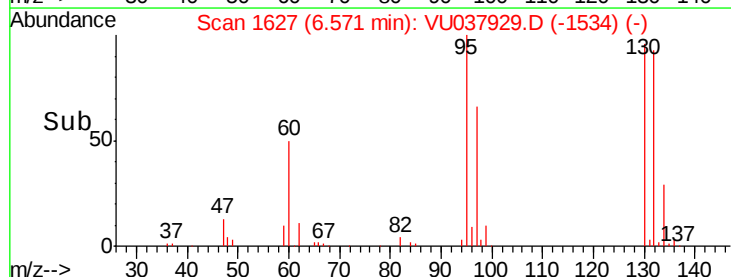
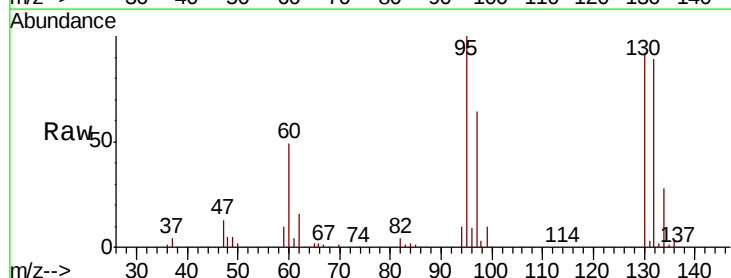
Instrument :
MSVOA_U
ClientSampled :

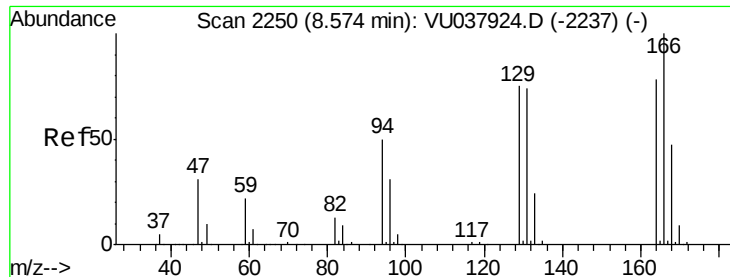
Tot Ion: 83 Resp: 10526
Ion Ratio Lower Upper
83 100
85 79.8 45.1 83.9



#34
Trichloroethene
Concen: 89.109 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037929.D
Acq: 29 Apr 2020 22:40

Tgt Ion: 95 Resp: 394247
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.5
132 89.1 65.0 120.6
130 92.2 65.5 121.7





#46

Tetrachloroethene

Concen: 781.508 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037929.D

Acq: 29 Apr 2020 22:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 2527267

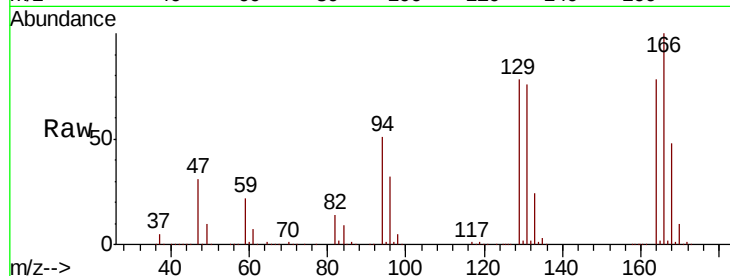
Ion Ratio Lower Upper

164 100

129 99.8 67.3 125.1

131 96.4 64.8 120.4

166 127.4 88.5 164.4



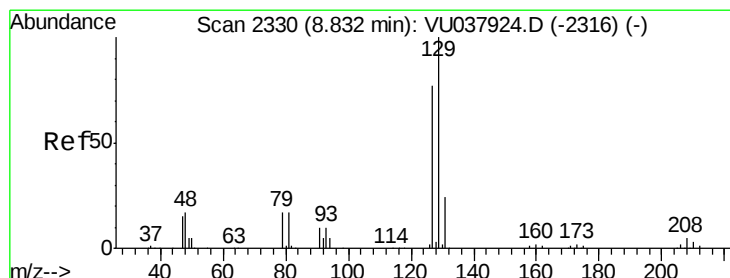
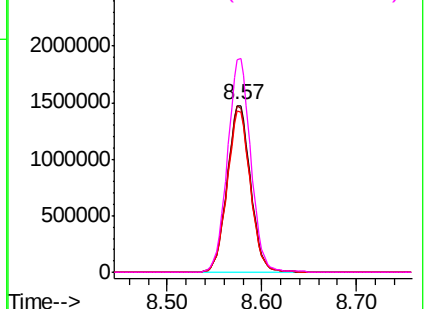
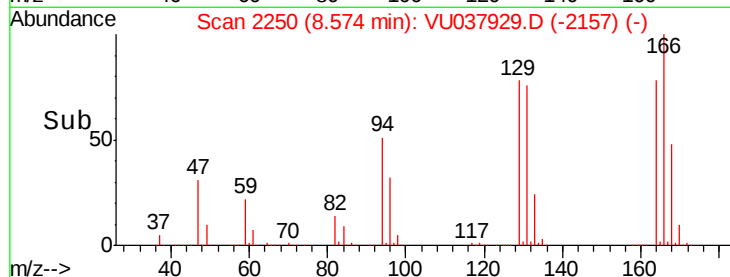
Abundance

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



#49

Dibromochloromethane

Concen: 552.179 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037929.D

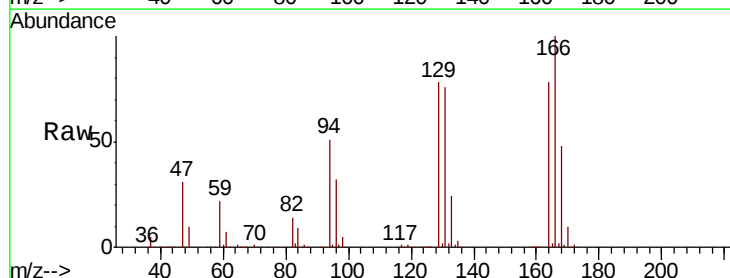
Acq: 29 Apr 2020 22:40

Tgt Ion:129 Resp: 2477919

Ion Ratio Lower Upper

129 100

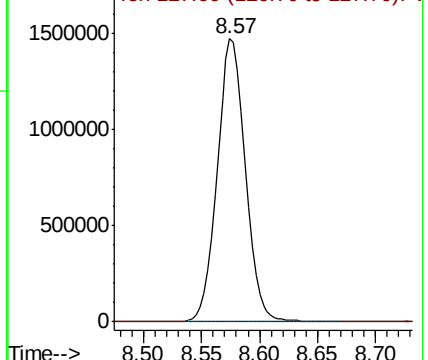
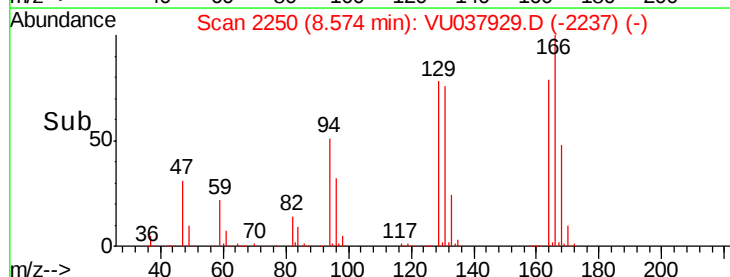
127 0.0 54.7 101.5#

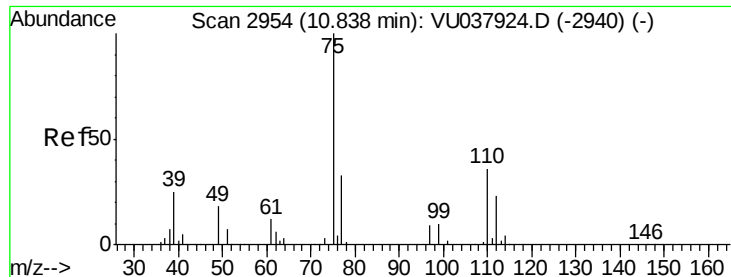


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.556 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037929.D

Acq: 29 Apr 2020 22:40

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 36771

Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.6

