

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037933.D
 Acq On : 30 Apr 2020 00:10
 Operator : JC/MD
 Sample : L2410-08
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:13:09 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	669261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	646754	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	306079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	184855	31.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.22%
7) Chloroethane-d5	1.93	69	179245	39.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.10%
11) 1,1-Dichloroethene-d2	2.59	63	261191	27.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.20%#
21) 2-Butanone-d5	4.66	46	419581	90.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	5.10	84	380250	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
26) 1,2-Dichloroethane-d4	5.74	65	272114	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
32) Benzene-d6	5.76	84	798696	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
36) 1,2-Dichloropropane-d6	6.72	67	278772	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.14%
41) Toluene-d8	7.92	98	714108	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%
43) trans-1,3-Dichloropropene-	8.20	79	120536	38.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.56%
47) 2-Hexanone-d5	8.65	63	277176	83.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	402602	47.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	273285	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%

Target Compounds

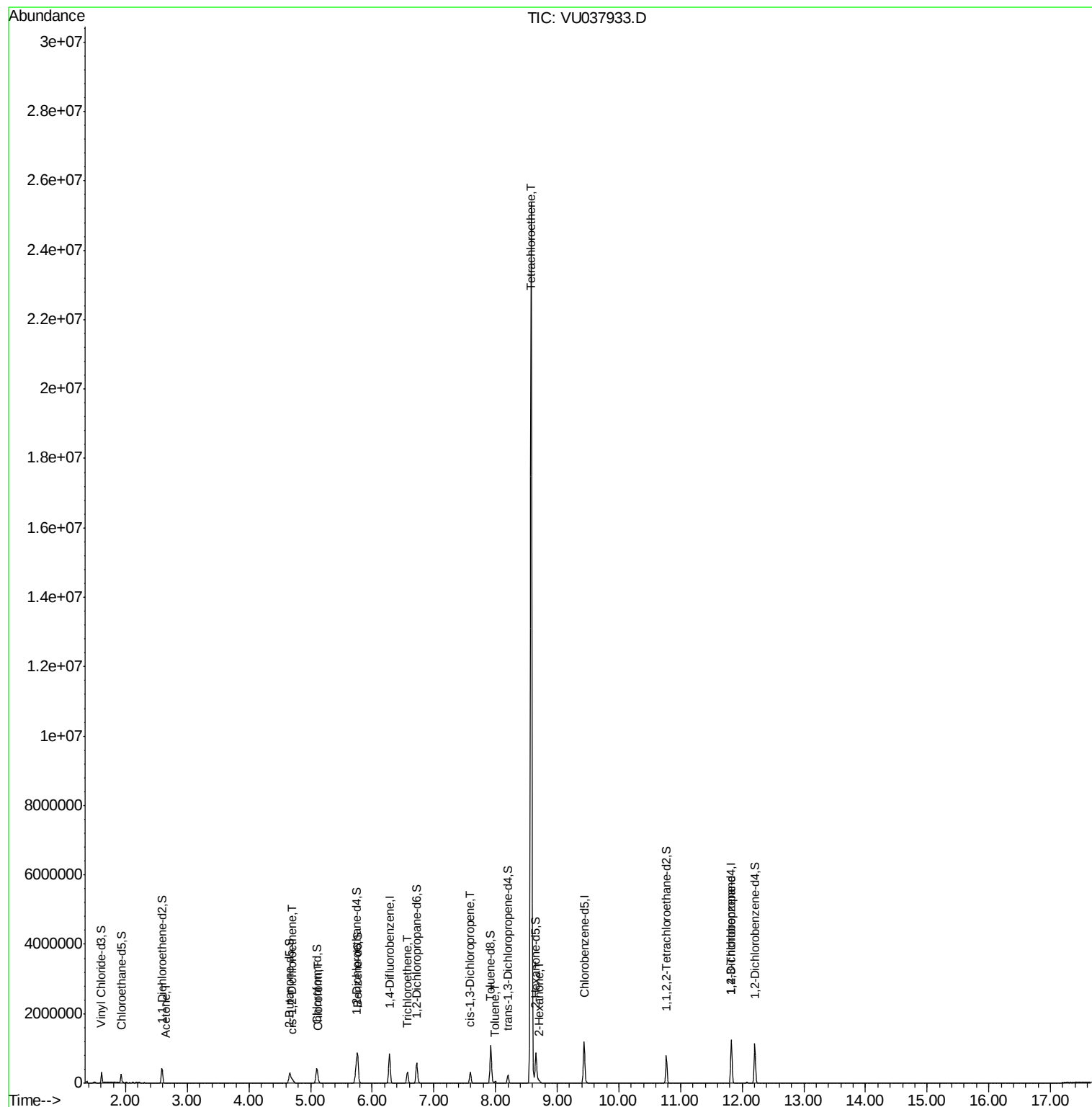
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	12222	4.421	ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	42849	8.614	ug/L	95
25) Chloroform	5.13	83	13406	1.564	ug/L	98
34) Trichloroethene	6.57	95	104754	21.755	ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	7244	0.844	ug/L #	82
42) Toluene	7.99	91	33376	1.622	ug/L	95
46) Tetrachloroethene	8.58	164	5332132	1515.050	ug/L	98
48) 2-Hexanone	8.71	43	25825	3.503	ug/L #	82
59) 1,2,3-Trichloropropane	11.83	75	42936	5.961	ug/L	93

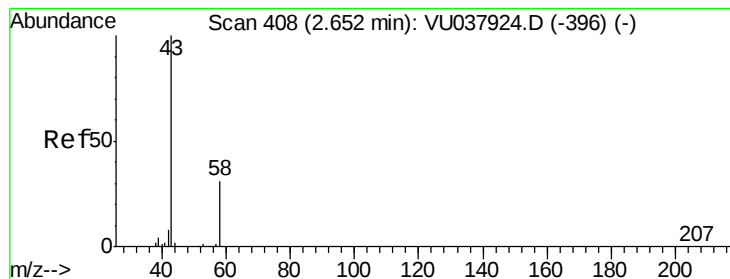
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.421 ug/L

RT: 2.65 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037933.D

Acq: 30 Apr 2020 00:10

Instrument :

MSVOA_U

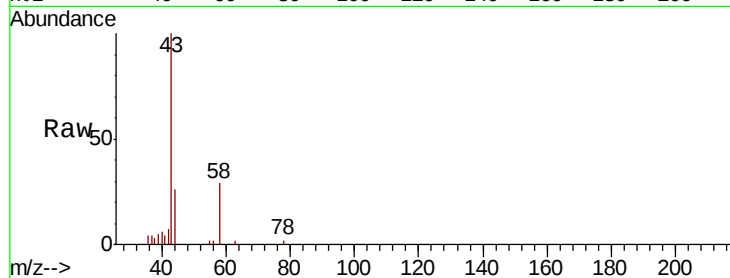
ClientSampleId :

Tot Ion: 43 Resp: 12222

Ion Ratio Lower Upper

43 100

58 28.3 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

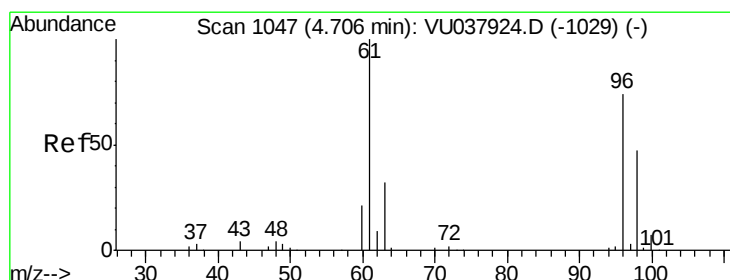
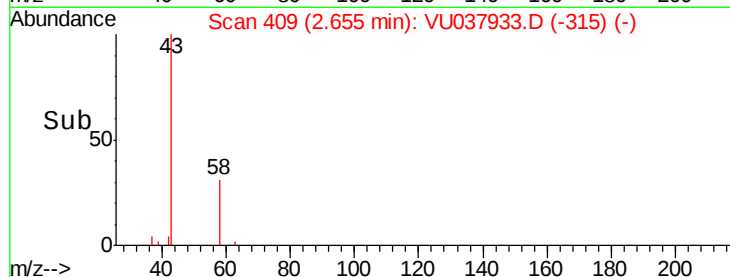
4000

2000

0

Time-->

2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 8.614 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037933.D

Acq: 30 Apr 2020 00:10

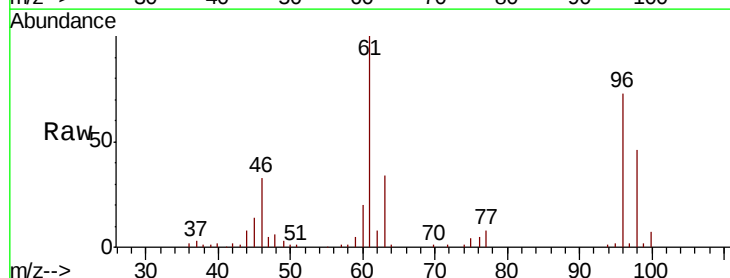
Tgt Ion: 96 Resp: 42849

Ion Ratio Lower Upper

96 100

61 137.6 100.4 186.4

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

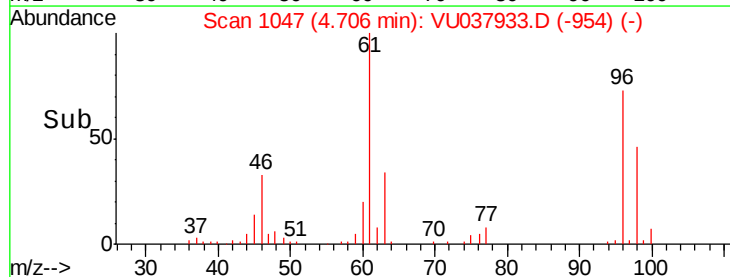
20000

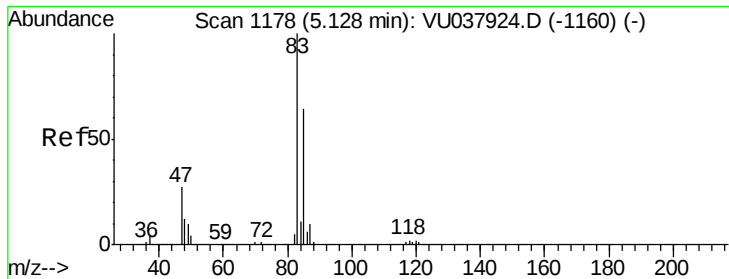
10000

0

Time-->

4.65 4.70 4.75 4.80

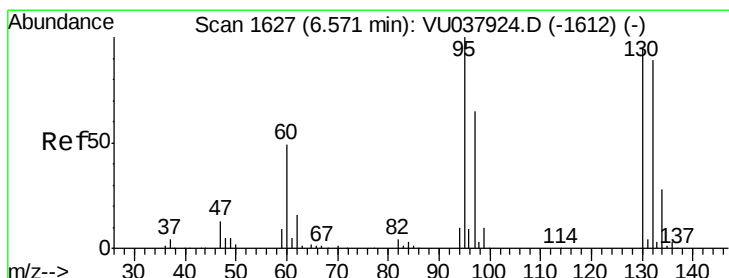
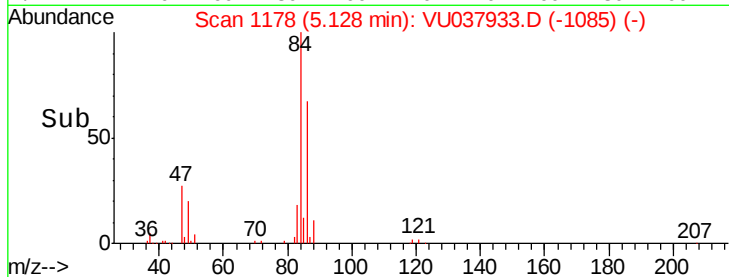
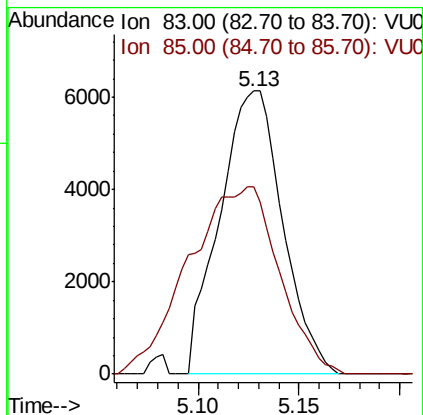
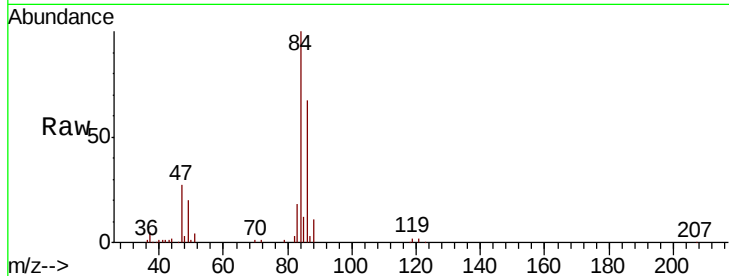




#25
Chloroform
Concen: 1.564 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037933.D
Acq: 30 Apr 2020 00:10

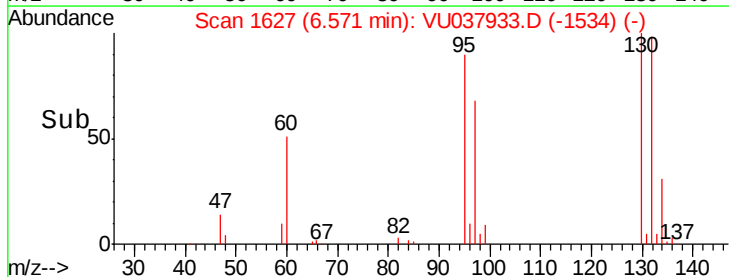
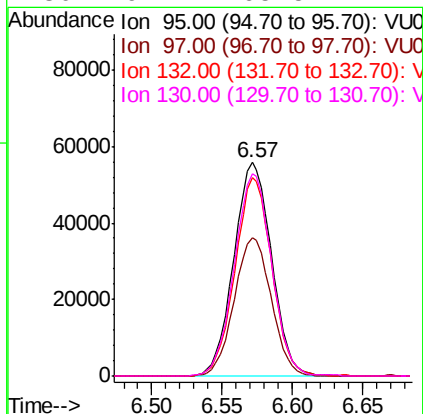
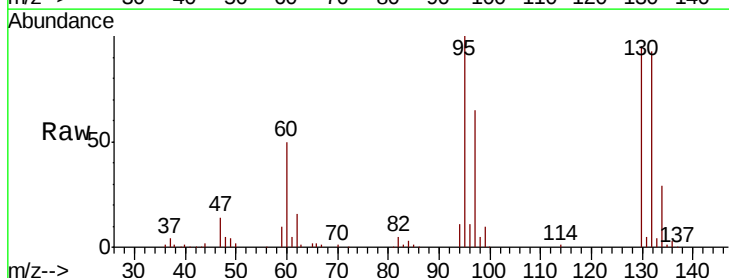
Instrument :
MSVOA_U
ClientSampleId :

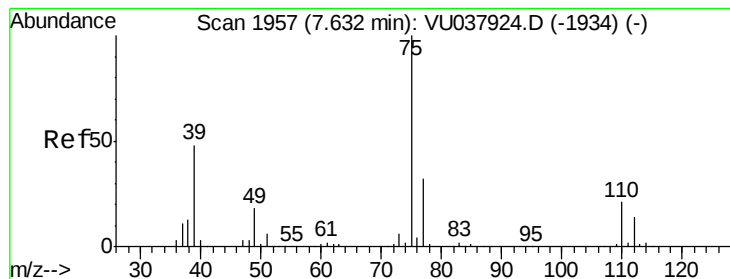
Tot Ion: 83 Resp: 13406
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.9



#34
Trichloroethene
Concen: 21.755 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037933.D
Acq: 30 Apr 2020 00:10

Tgt Ion: 95 Resp: 104754
Ion Ratio Lower Upper
95 100
97 64.8 44.4 82.5
132 93.0 65.0 120.6
130 94.7 65.5 121.7



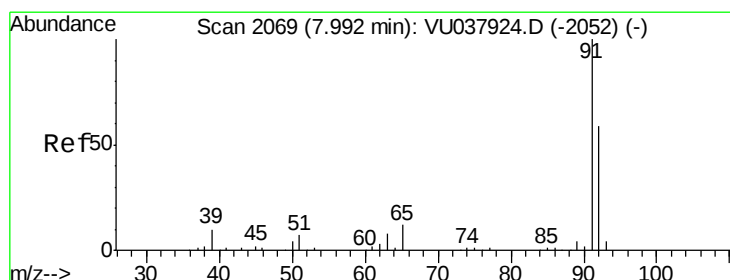
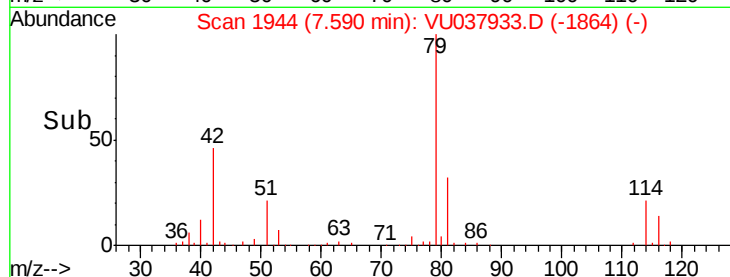
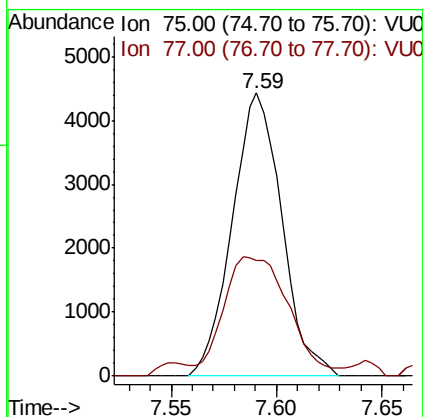
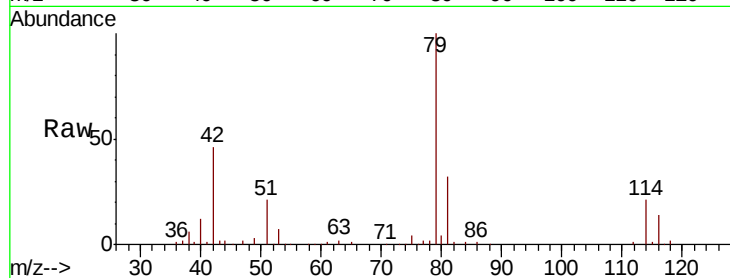


#39

cis-1,3-Dichloropropene
 Concen: 0.844 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037933.D
 Acq: 30 Apr 2020 00:10

Instrument :
 MSVOA_U
 ClientSampleId :

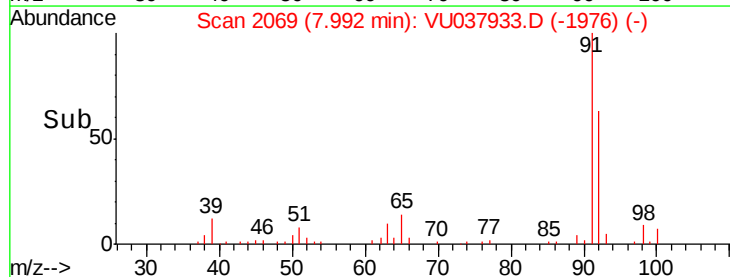
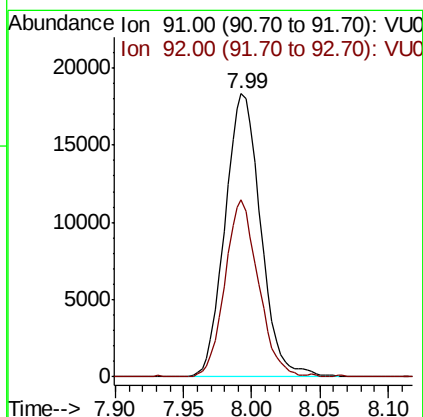
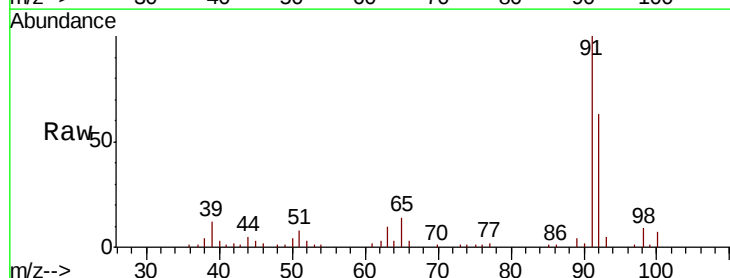
Tot Ion: 75 Resp: 7244
 Ion Ratio Lower Upper
 75 100
 77 40.8 21.7 40.3#

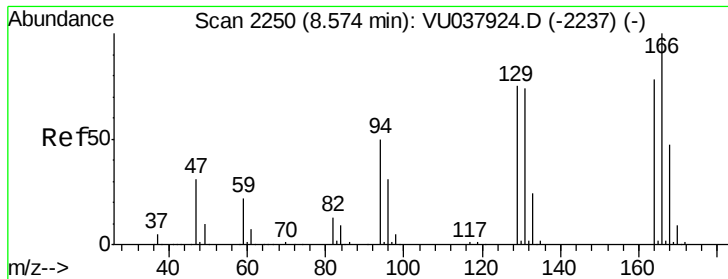


#42

Toluene
 Concen: 1.622 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU037933.D
 Acq: 30 Apr 2020 00:10

Tgt Ion: 91 Resp: 33376
 Ion Ratio Lower Upper
 91 100
 92 62.6 41.2 76.6

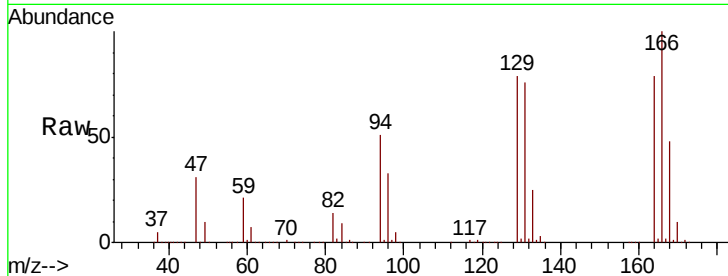




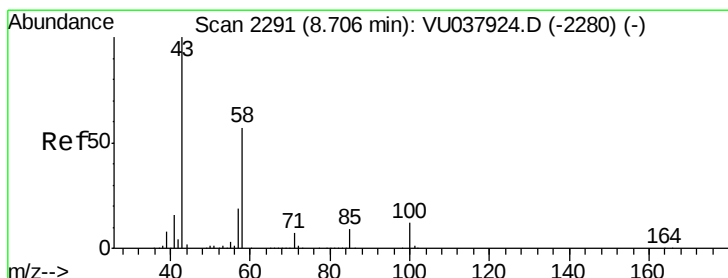
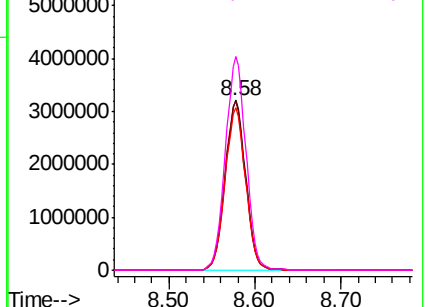
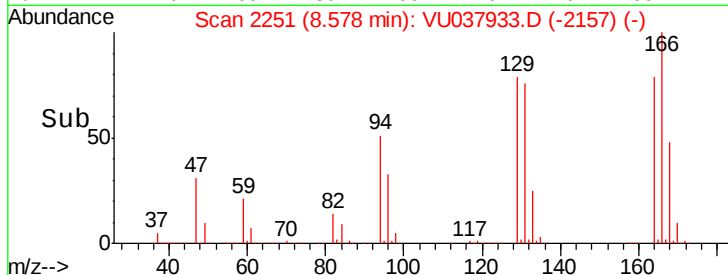
#46
Tetrachloroethene
Concen: 1515.050 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU037933.D
Acq: 30 Apr 2020 00:10

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 5332132
Ion Ratio Lower Upper
164 100
129 99.6 67.3 125.1
131 95.6 64.8 120.4
166 125.8 88.5 164.4

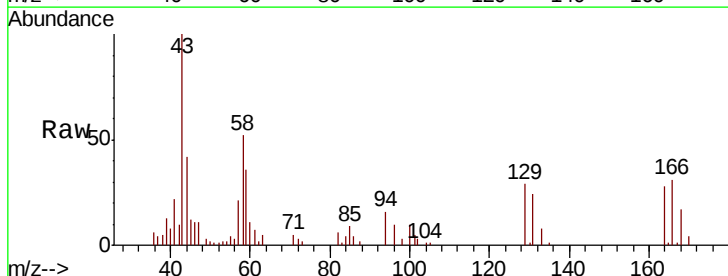


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

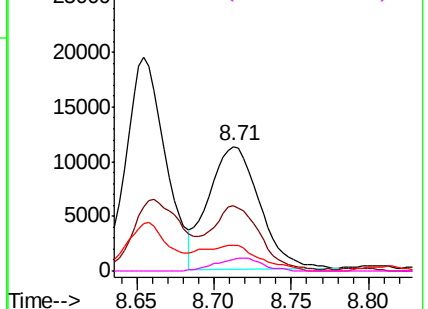
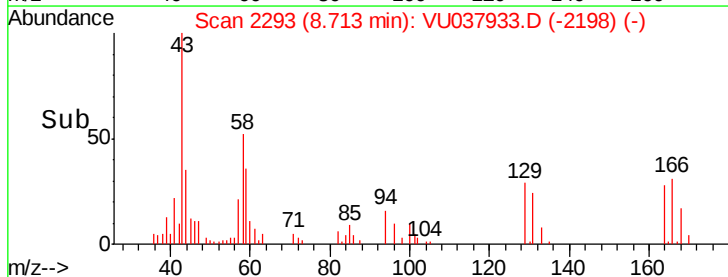


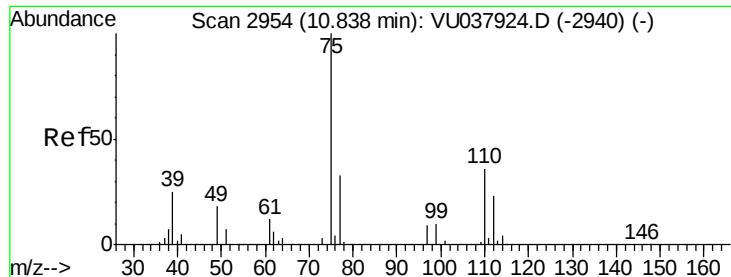
#48
2-Hexanone
Concen: 3.503 ug/L
RT: 8.71 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VU037933.D
Acq: 30 Apr 2020 00:10

Tgt Ion: 43 Resp: 25825
Ion Ratio Lower Upper
43 100
58 43.0 42.6 63.8
57 1.0 14.6 22.0#
100 9.5 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: 5.961 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037933.D

Acq: 30 Apr 2020 00:10

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 42936

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6

