

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037931.D
 Acq On : 29 Apr 2020 23:25
 Operator : JC/MD
 Sample : L2410-06
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 04:12:51 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	611793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	580557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	254253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	240800	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.10%
7) Chloroethane-d5	1.93	69	210681	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.70%
11) 1,1-Dichloroethene-d2	2.59	63	295253	34.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.24%
21) 2-Butanone-d5	4.66	46	407065	96.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.11%
24) Chloroform-d	5.10	84	400659	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
26) 1,2-Dichloroethane-d4	5.74	65	292996	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
32) Benzene-d6	5.76	84	863746	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.22%
36) 1,2-Dichloropropane-d6	6.72	67	295573	53.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.66%
41) Toluene-d8	7.92	98	737556	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	8.20	79	108661	38.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.90%
47) 2-Hexanone-d5	8.65	63	265155	88.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	416059	54.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.92%
64) 1,2-Dichlorobenzene-d4	12.20	152	262926	53.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.30%

Target Compounds

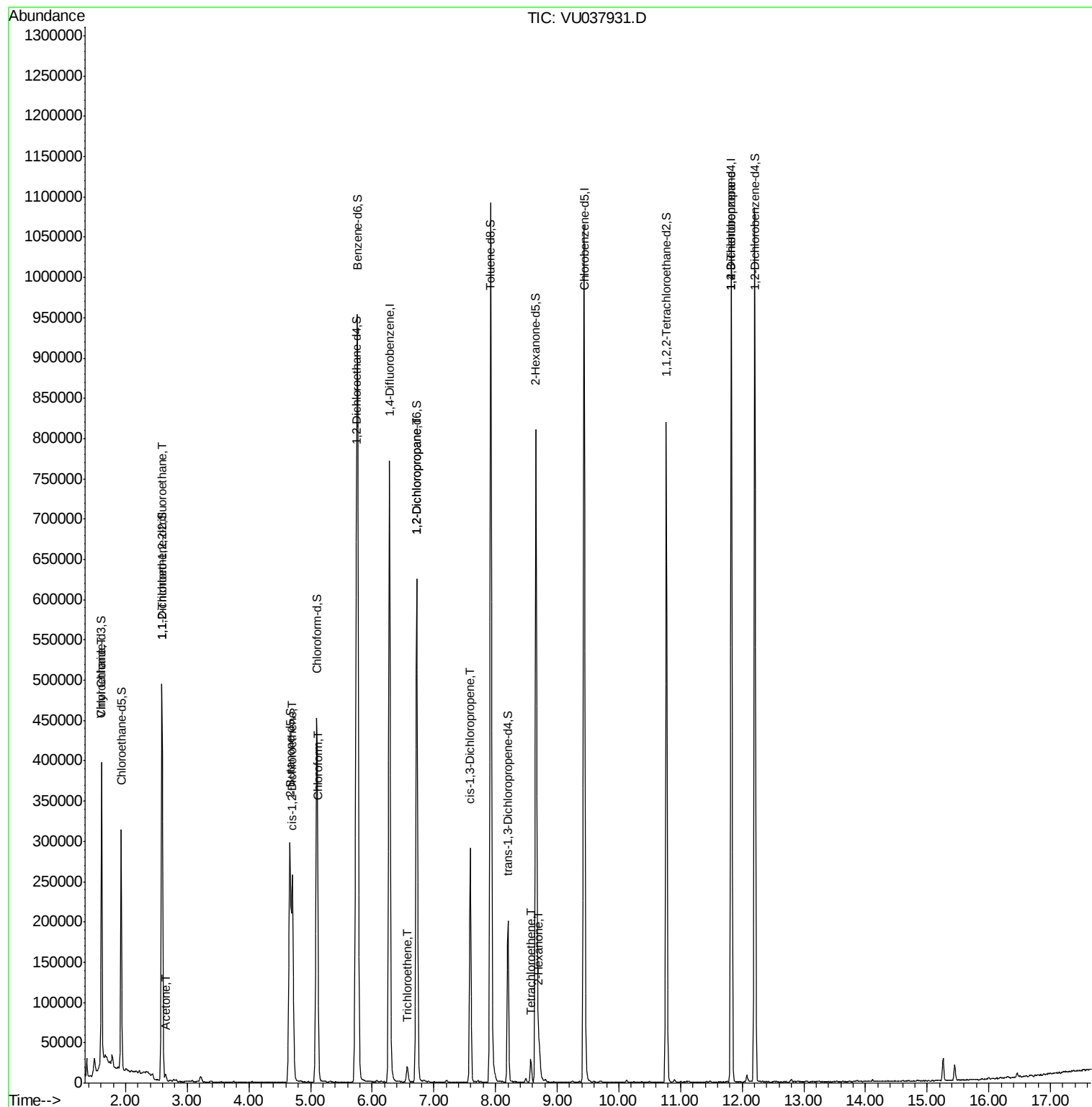
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.62	64	26807	7.861	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2733	0.727	ug/L #	23
13) Acetone	2.65	43	9750	3.858	ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	116003	25.511	ug/L	91
25) Chloroform	5.12	83	6856	0.875	ug/L	76
34) Trichloroethene	6.57	95	5146	1.191	ug/L	95
37) 1,2-Dichloropropane	6.72	63	30503	6.338	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	6072	0.788	ug/L #	52
46) Tetrachloroethene	8.57	164	6563	2.077	ug/L	96
48) 2-Hexanone	8.71	43	23620	3.569	ug/L #	79
59) 1,2,3-Trichloropropane	11.83	75	36510	5.647	ug/L	94

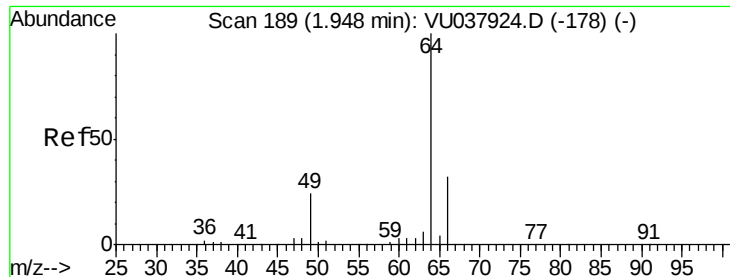
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042920\
Data File : VU037931.D
Acq On : 29 Apr 2020 23:25
Operator : JC/MD
Sample : L2410-06
Misc : 5.6mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 30 04:12:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 7.861 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.33 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

Instrument :

MSVOA_U

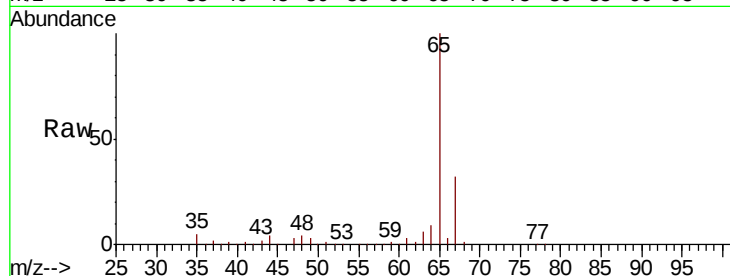
ClientSampled :

Tot Ion: 64 Resp: 26807

Ion Ratio Lower Upper

64 100

66 34.3 22.3 41.3



Abundance Ion 64.00 (63.70 to 64.70): VU037924.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU037924.D (-178) (-)

1.62

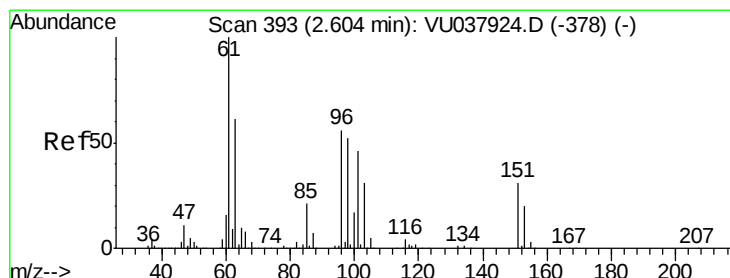
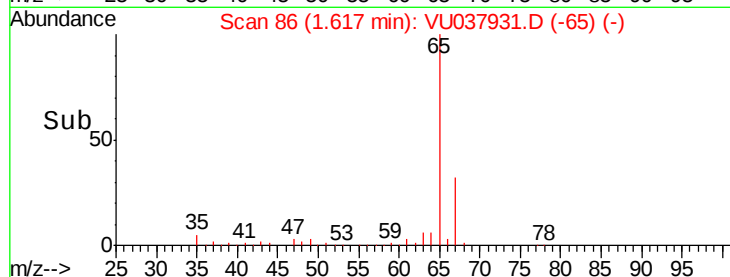
15000

10000

5000

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.727 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

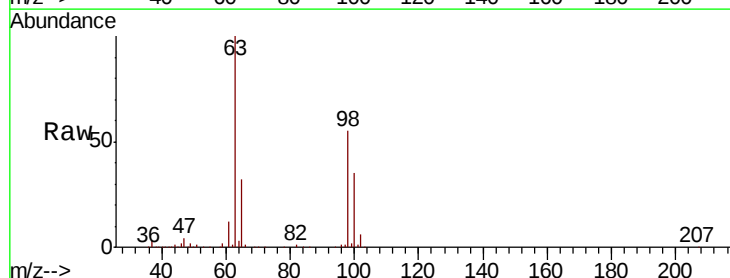
Tgt Ion:101 Resp: 2733

Ion Ratio Lower Upper

101 100

85 2.4 36.2 54.4#

151 0.0 55.5 83.3#



Abundance Ion 101.00 (100.70 to 101.70): VU037924.D (-378) (-)

Ion 85.00 (84.70 to 85.70): VU037924.D (-378) (-)

Ion 151.00 (150.70 to 151.70): VU037924.D (-378) (-)

2.59

2000

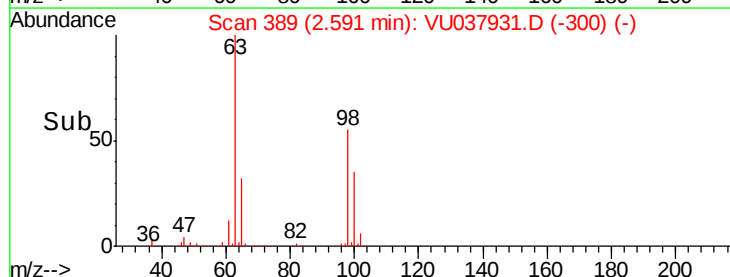
1500

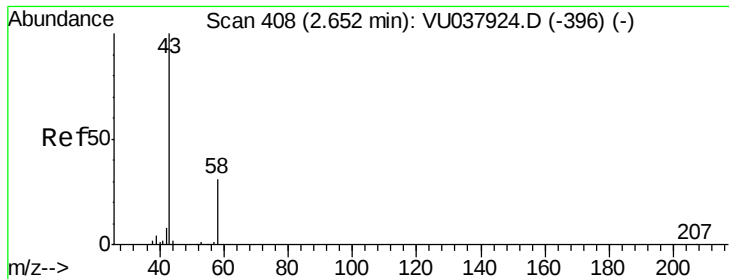
1000

500

0

Time-->





#13

Acetone

Concen: 3.858 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

Instrument :

MSVOA_U

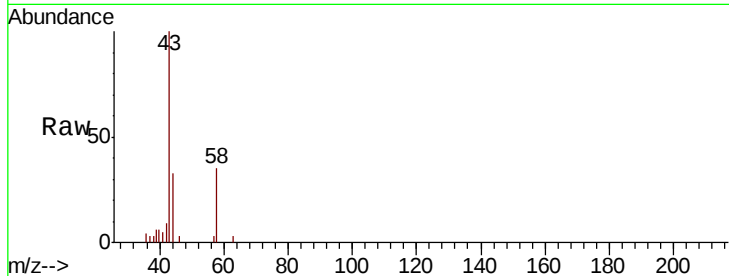
ClientSampleId :

Tot Ion: 43 Resp: 9750

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) (-)

6000

5000

4000

3000

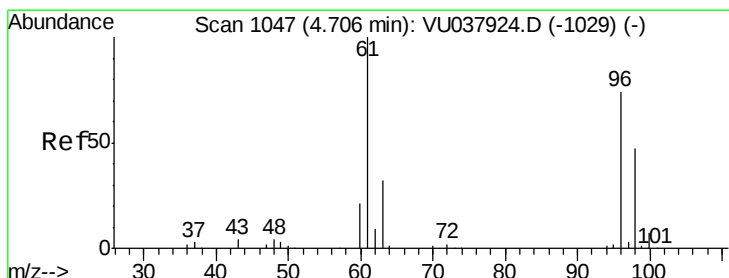
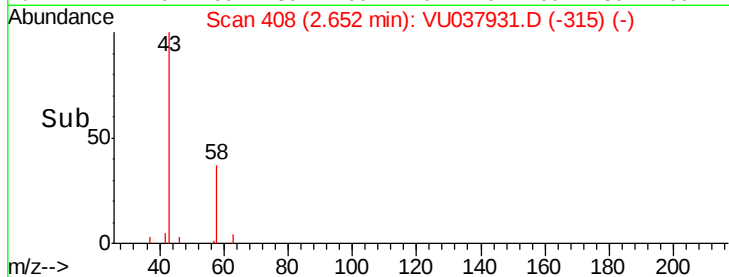
2000

1000

0

2.60 2.65 2.70 2.75

Time-->



#20

cis-1,2-Dichloroethene

Concen: 25.511 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

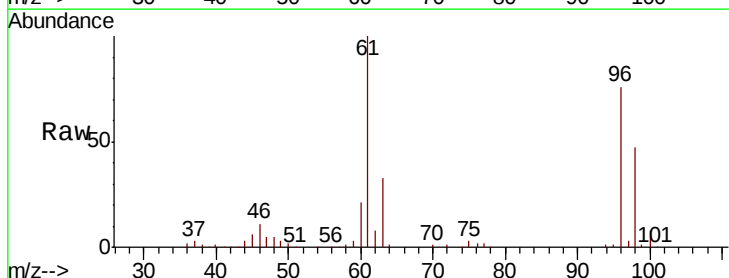
Tgt Ion: 96 Resp: 116003

Ion Ratio Lower Upper

96 100

61 132.0 100.4 186.4

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) (-)

100000

80000

60000

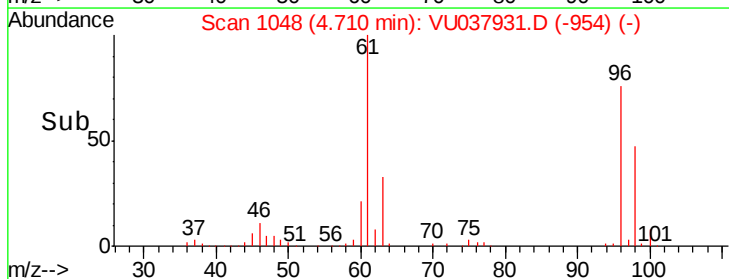
40000

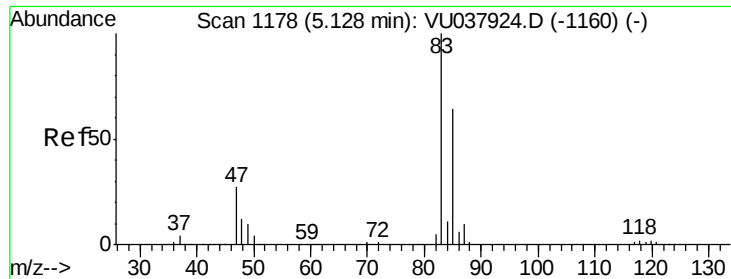
20000

0

4.60 4.65 4.70 4.75 4.80

Time-->

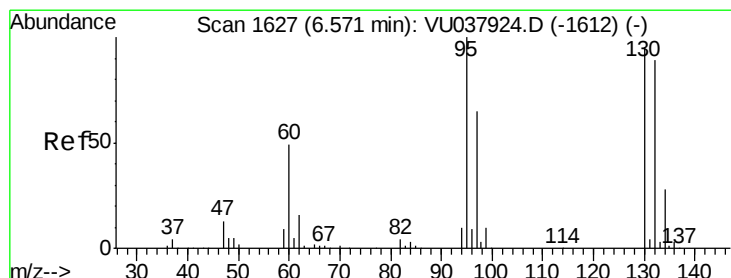
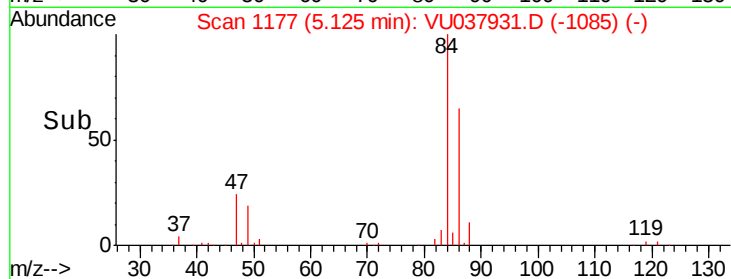
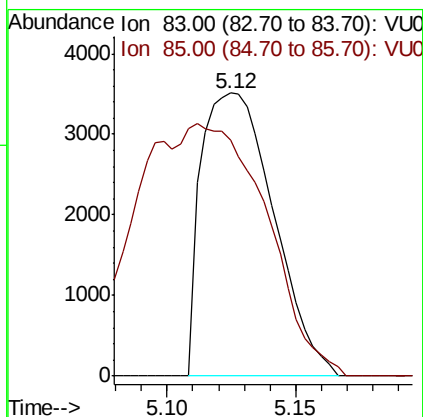
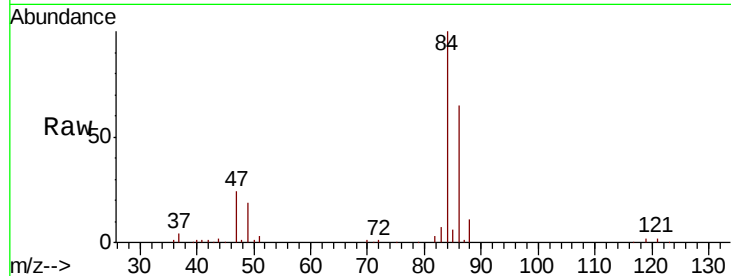




#25
Chloroform
Concen: 0.875 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU037931.D
Acq: 29 Apr 2020 23:25

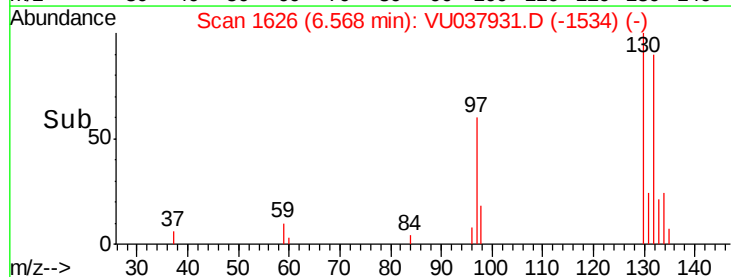
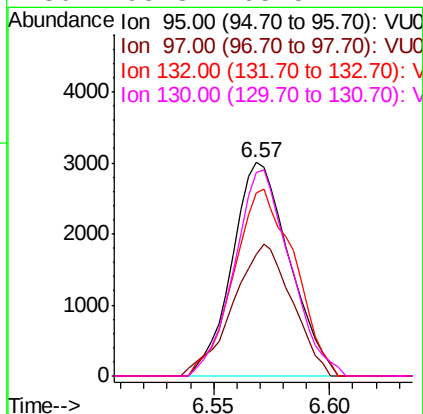
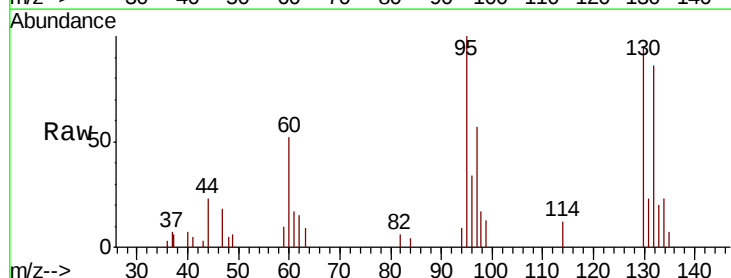
Instrument :
MSVOA_U
ClientSampleId :

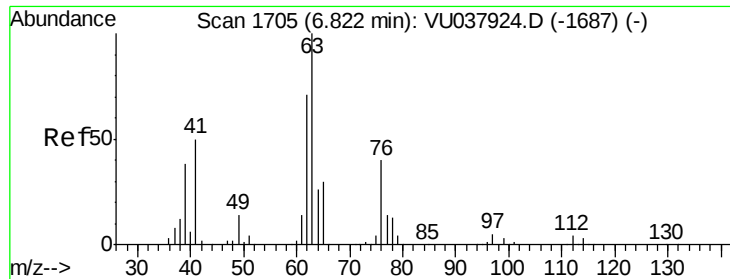
Tot Ion: 83 Resp: 6856
Ion Ratio Lower Upper
83 100
85 83.5 45.1 83.9



#34
Trichloroethene
Concen: 1.191 ug/L
RT: 6.57 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VU037931.D
Acq: 29 Apr 2020 23:25

Tgt Ion: 95 Resp: 5146
Ion Ratio Lower Upper
95 100
97 57.1 44.4 82.5
132 86.0 65.0 120.6
130 95.3 65.5 121.7

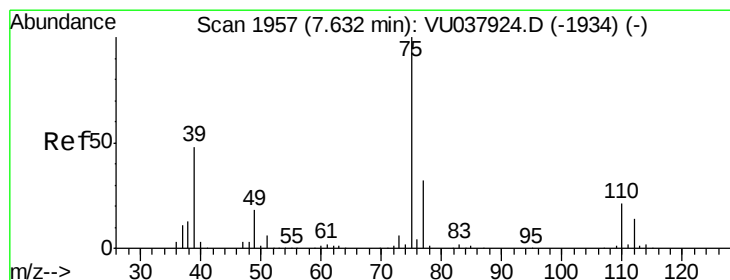
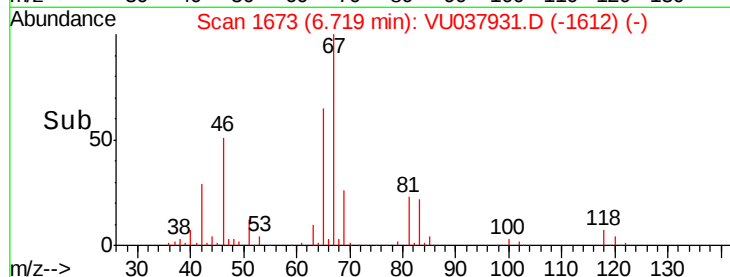
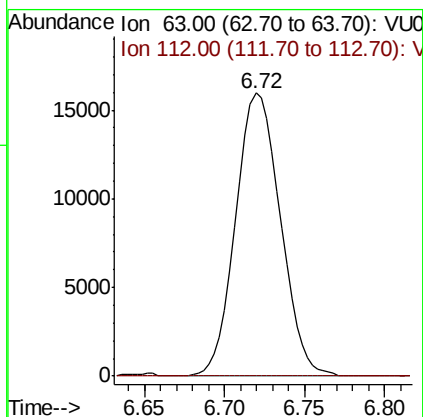
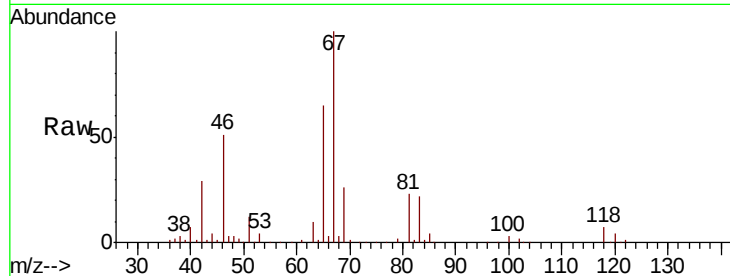




#37
 1,2-Dichloropropane
 Concen: 6.338 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU037931.D
 Acq: 29 Apr 2020 23:25

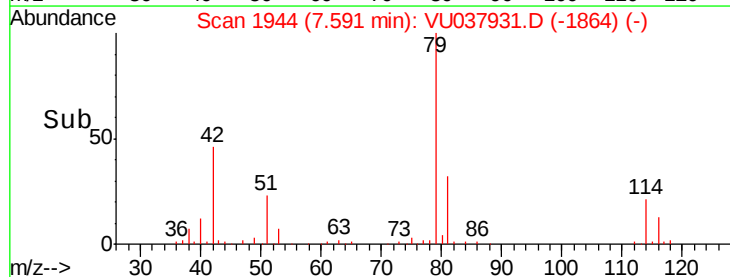
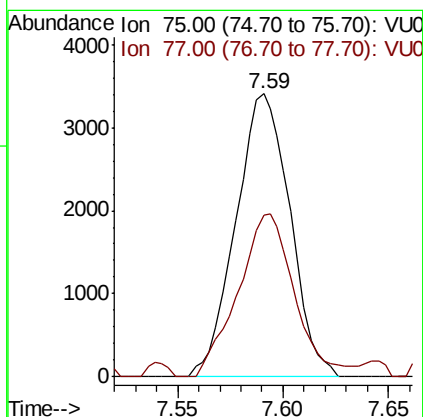
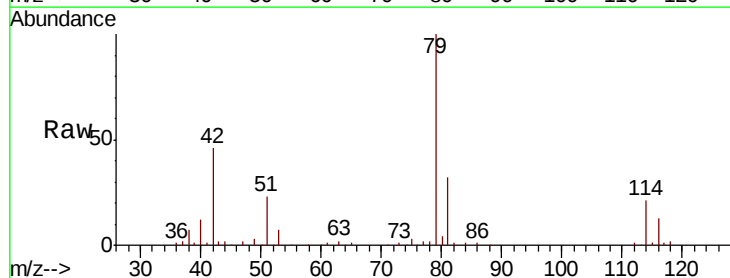
Instrument :
 MSVOA_U
 ClientSampleId :

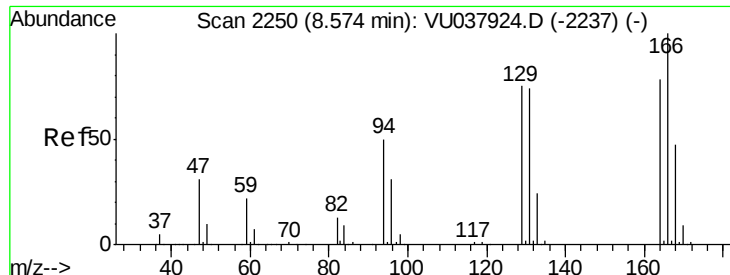
Tot Ion: 63 Resp: 30503
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.788 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037931.D
 Acq: 29 Apr 2020 23:25

Tgt Ion: 75 Resp: 6072
 Ion Ratio Lower Upper
 75 100
 77 57.3 21.7 40.3#





#46

Tetrachloroethene

Concen: 2.077 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 6563

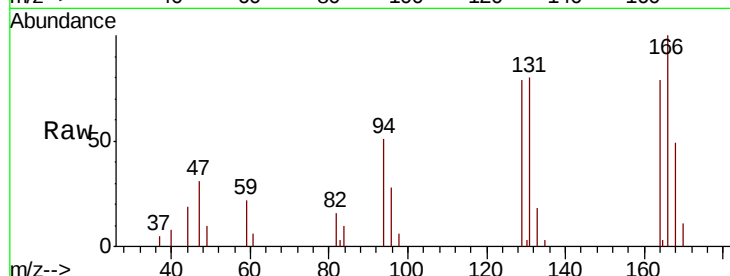
Ion Ratio Lower Upper

164 100

129 99.9 67.3 125.1

131 100.4 64.8 120.4

166 126.0 88.5 164.4

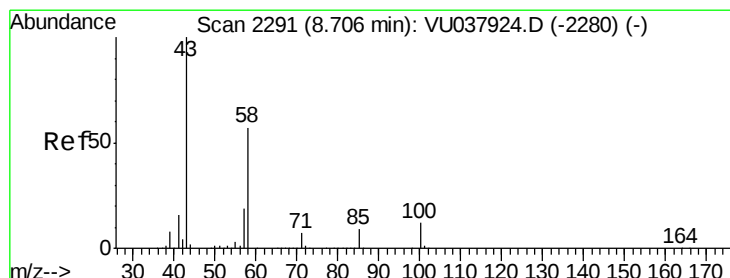
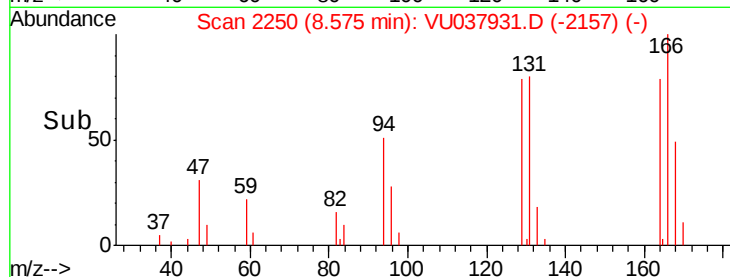
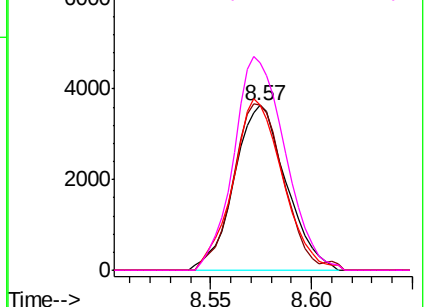


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.569 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. 0.00 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

Tgt Ion: 43 Resp: 23620

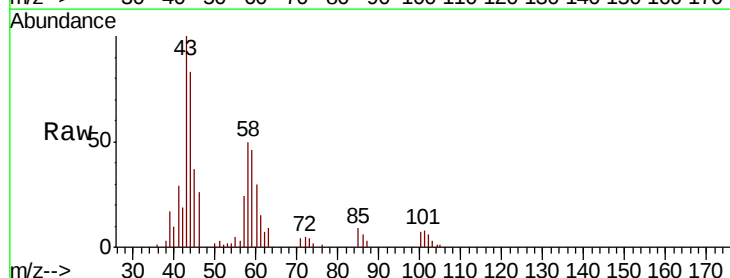
Ion Ratio Lower Upper

43 100

58 39.8 42.6 63.8#

57 3.4 14.6 22.0#

100 7.0 8.6 13.0#

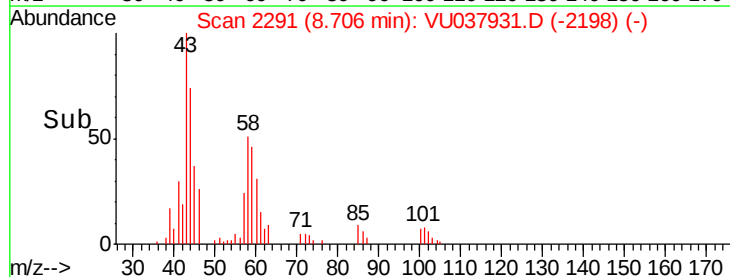
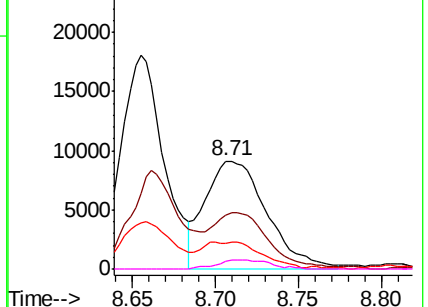


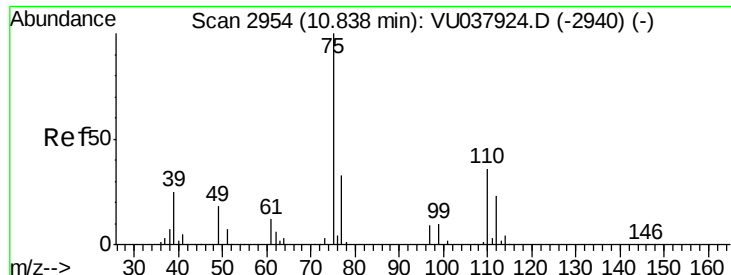
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 5.647 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037931.D

Acq: 29 Apr 2020 23:25

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 36510

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.6

