

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037991.D
 Acq On : 01 May 2020 15:53
 Operator : JC/MD
 Sample : L2471-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 02 00:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 02 00:09:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	679605	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	665284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	303698	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	249764	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.56%
7) Chloroethane-d5	1.93	69	216211	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.92%
11) 1,1-Dichloroethene-d2	2.59	63	320792	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	4.66	46	395503	84.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.65%
24) Chloroform-d	5.10	84	391298	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
26) 1,2-Dichloroethane-d4	5.74	65	296512	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
32) Benzene-d6	5.76	84	906436	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
36) 1,2-Dichloropropane-d6	6.72	67	301582	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.76%
41) Toluene-d8	7.92	98	805991	44.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.62%
43) trans-1,3-Dichloropropene-	8.20	79	134642	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
47) 2-Hexanone-d5	8.65	63	280821	99.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.31%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	411067	43.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.76%
64) 1,2-Dichlorobenzene-d4	12.20	152	286016	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%

Target Compounds

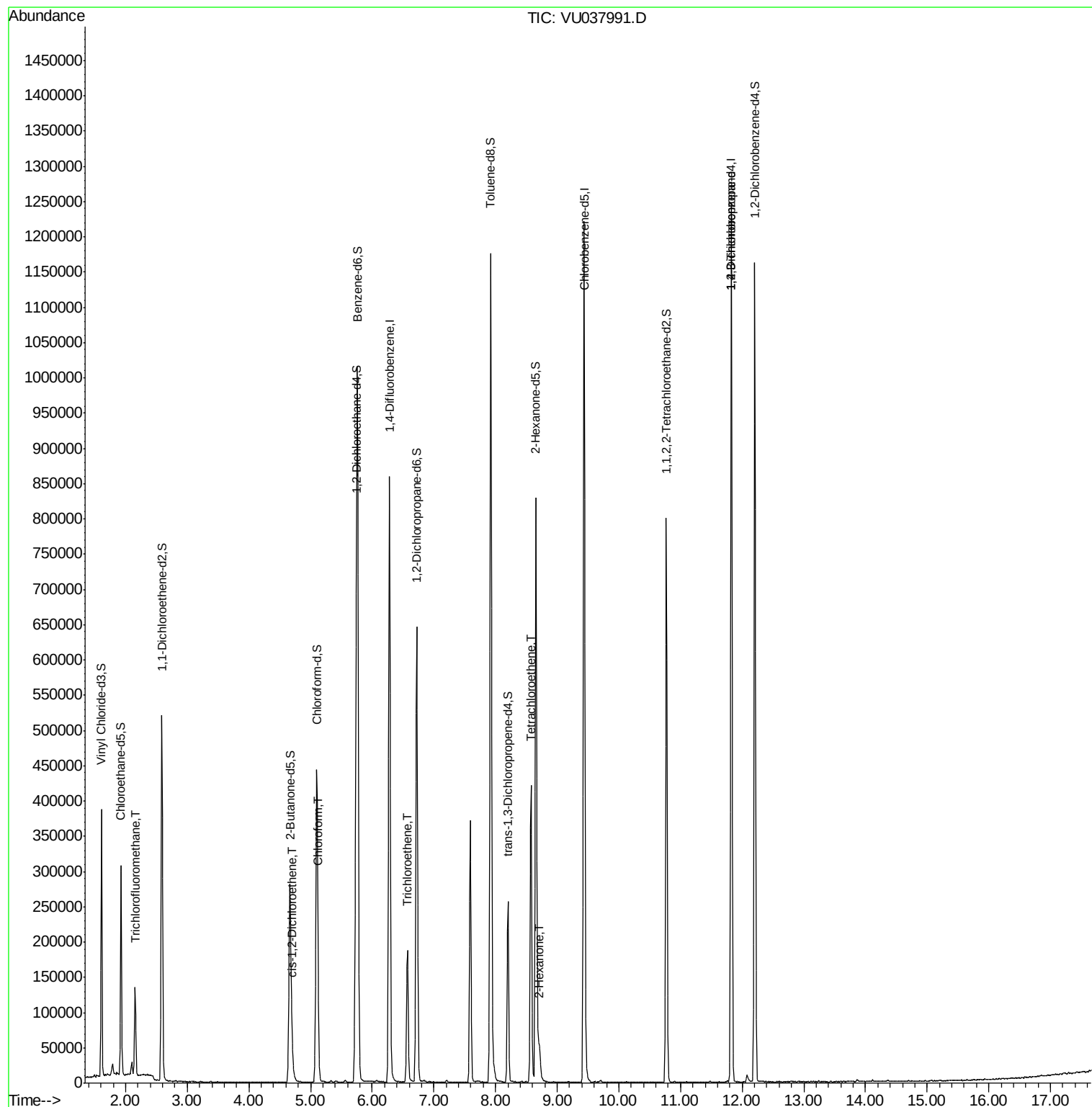
					Ovalue
9) Trichlorofluoromethane	2.15	101	78483	11.090	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	7669	1.443	ug/L 93
25) Chloroform	5.13	83	32469	3.533	ug/L 100
34) Trichloroethene	6.57	95	59994	11.896	ug/L 98
46) Tetrachloroethene	8.57	164	91090	24.739	ug/L 96
48) 2-Hexanone	8.71	43	36411	4.904	ug/L # 89
59) 1,2,3-Trichloropropane	11.83	75	41430	5.374	ug/L 91

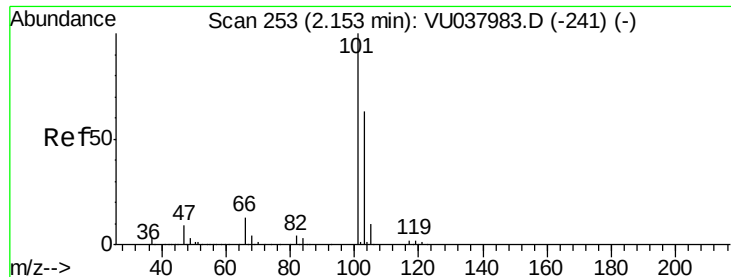
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 02 00:09:57 2020
Response via : Initial Calibration



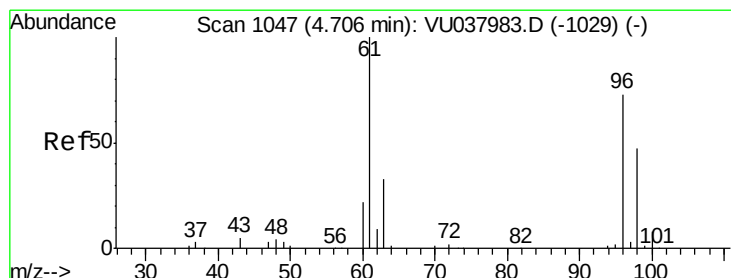
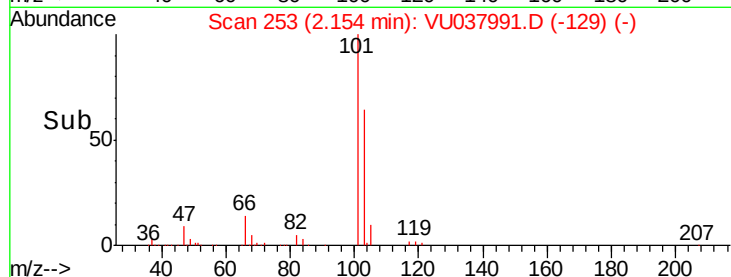
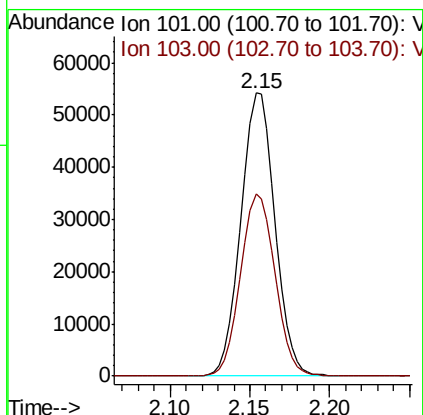
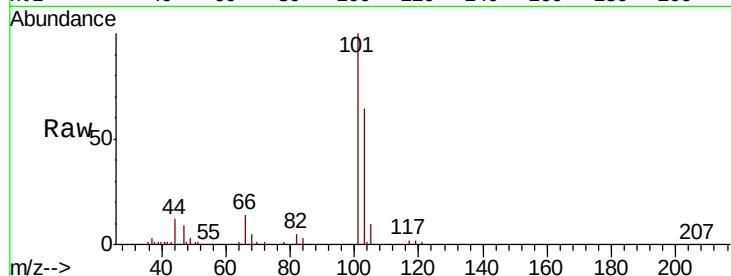


#9

Trichlorofluoromethane
Concen: 11.090 ug/L
RT: 2.15 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU037991.D
Acq: 01 May 2020 15:53

Instrument :
MSVOA_U
ClientSampled :

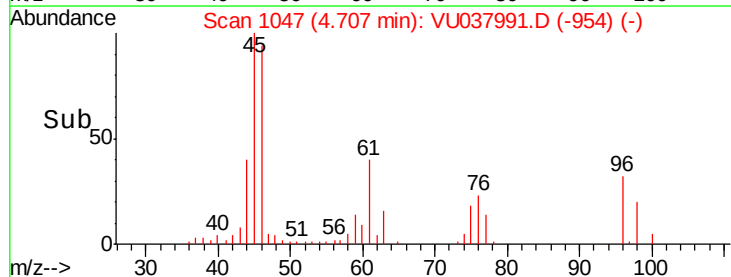
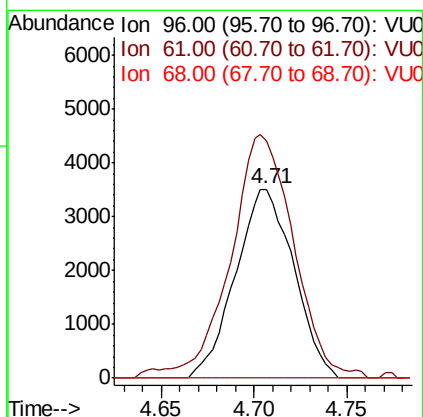
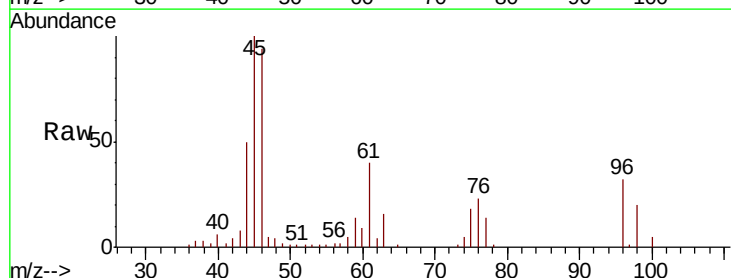
Tot Ion:101 Resp: 78483
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0

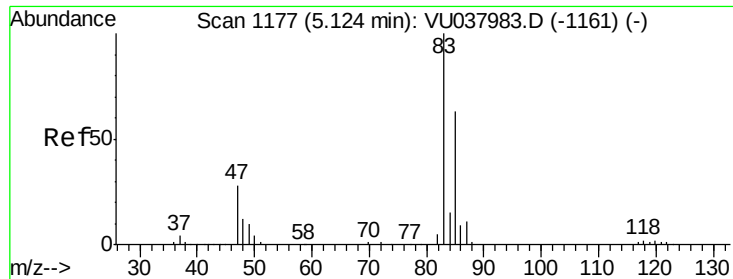


#20

cis-1,2-Dichloroethene
Concen: 1.443 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU037991.D
Acq: 01 May 2020 15:53

Tgt Ion: 96 Resp: 7669
Ion Ratio Lower Upper
96 100
61 125.9 93.9 174.3
68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.533 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037991.D

Acq: 01 May 2020 15:53

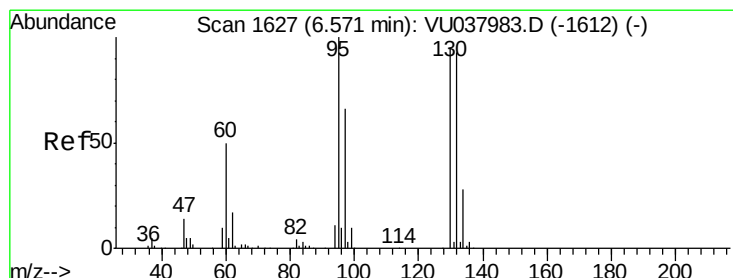
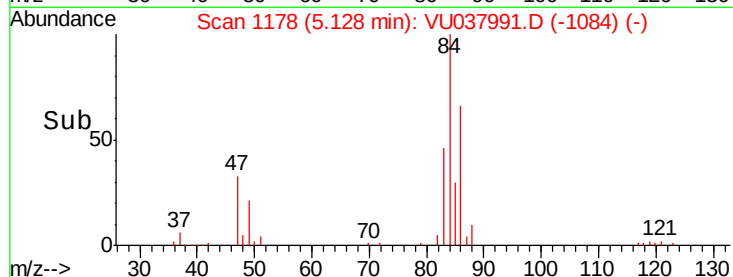
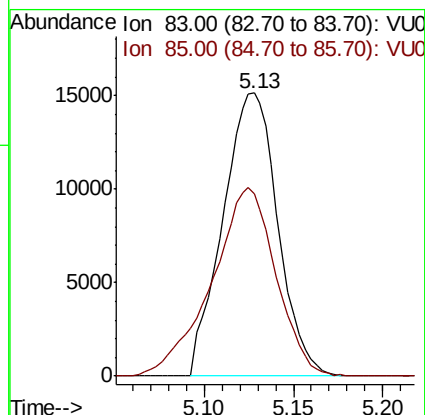
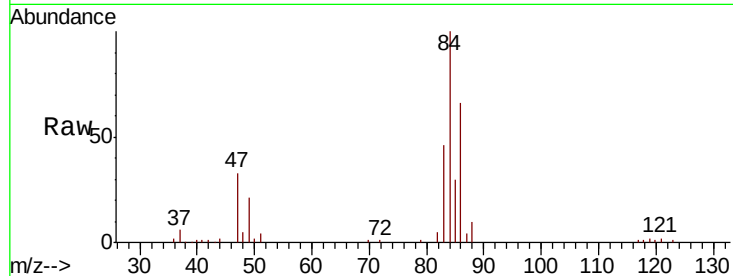
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 32469

Ion Ratio Lower Upper

83 100

85 64.5 45.0 83.6



#34

Trichloroethene

Concen: 11.896 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037991.D

Acq: 01 May 2020 15:53

Tgt Ion: 95 Resp: 59994

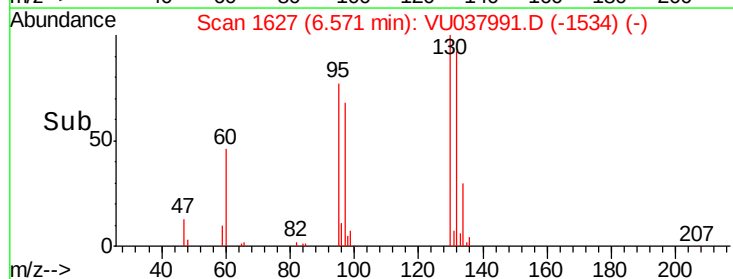
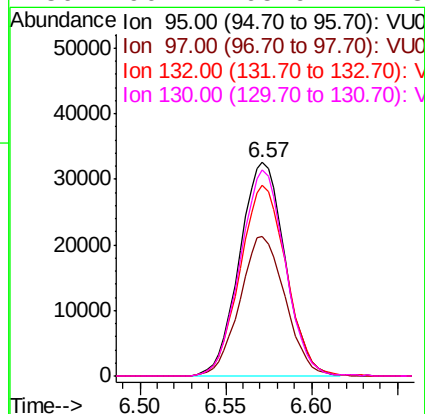
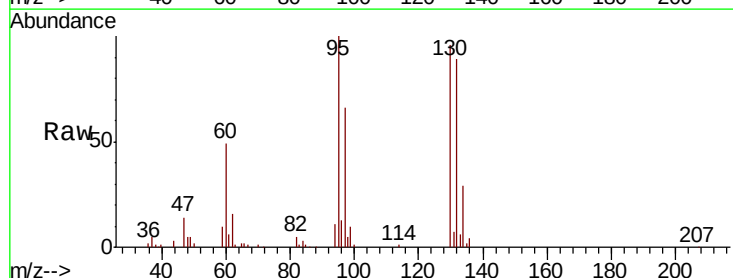
Ion Ratio Lower Upper

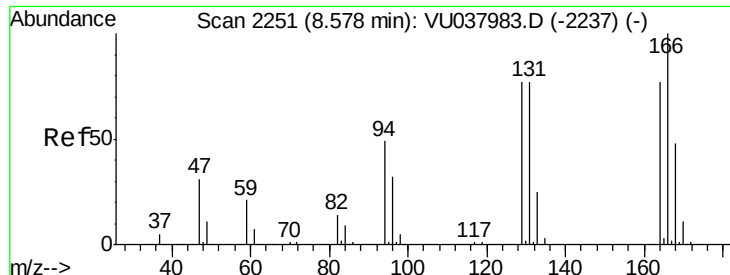
95 100

97 65.6 44.9 83.5

132 89.1 63.2 117.4

130 96.4 65.9 122.3





#46

Tetrachloroethene

Concen: 24.739 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

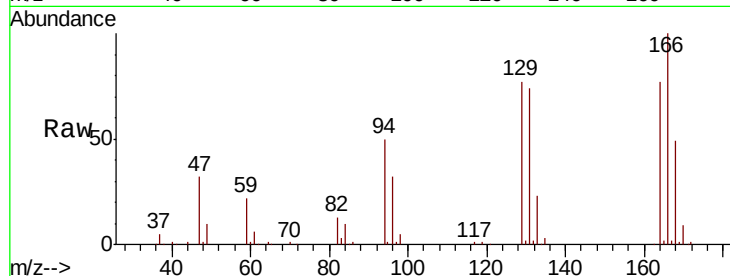
Lab File: VU037991.D

Acq: 01 May 2020 15:53

Instrument :

MSVOA_U

ClientSampled :



Tot Ion:164 Resp: 91090

Ion Ratio Lower Upper

164 100

129 100.9 68.4 127.0

131 96.9 65.7 122.1

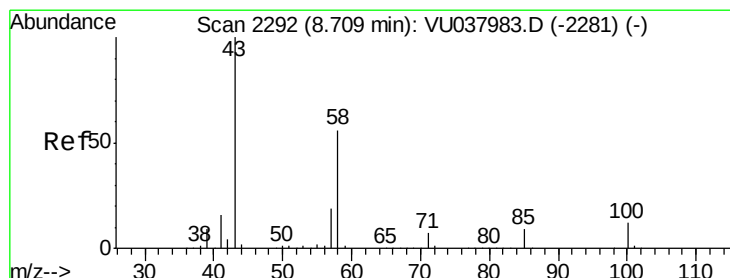
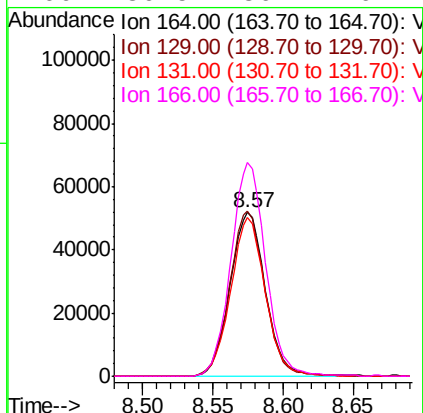
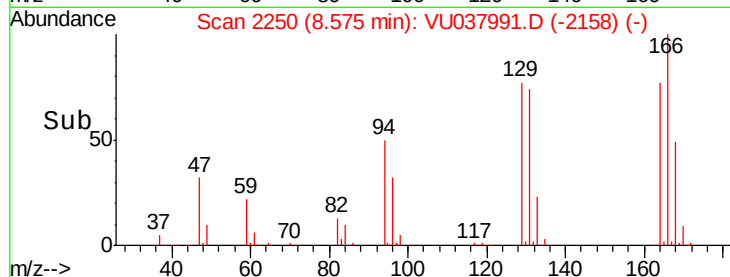
166 130.5 86.7 161.1

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: 4.904 ug/L

RT: 8.71 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VU037991.D

Acq: 01 May 2020 15:53

Tgt Ion: 43 Resp: 36411

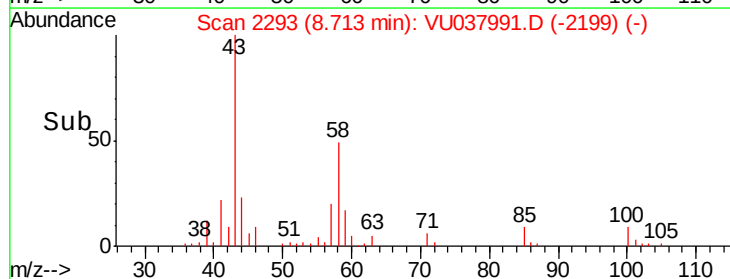
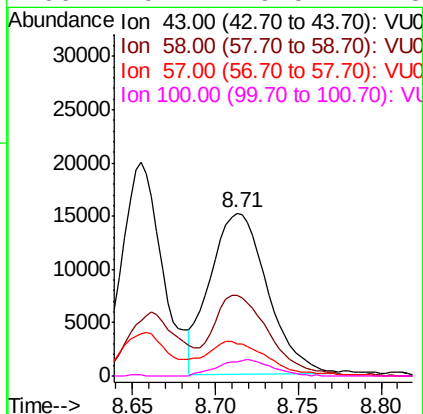
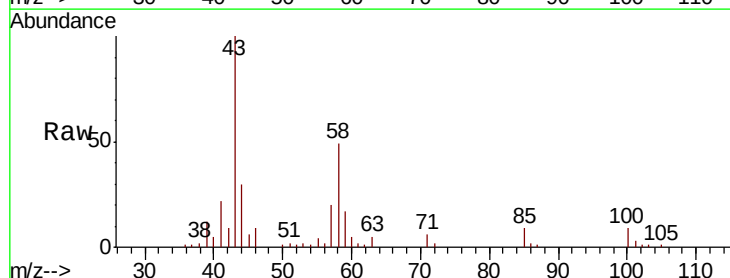
Ion Ratio Lower Upper

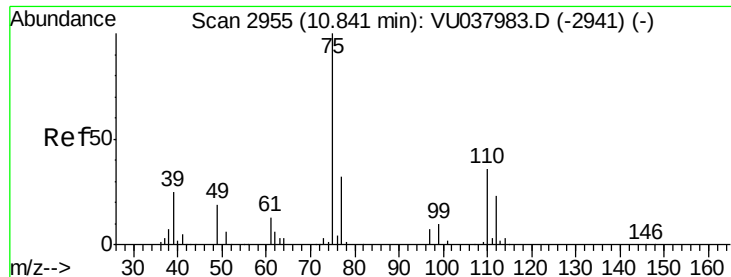
43 100

58 48.4 46.4 69.6

57 17.7 16.4 24.6

100 9.4 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 5.374 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037991.D

Acq: 01 May 2020 15:53

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 41430

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.2

