

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037952.D
 Acq On : 30 Apr 2020 15:25
 Operator : JC/MD
 Sample : L2395-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 02:19:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	696357	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	677203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	302583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	272289	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.90%
7) Chloroethane-d5	1.93	69	229170	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.59	63	339392	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
21) 2-Butanone-d5	4.66	46	401728	83.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	5.10	84	420604	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.74	65	305089	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
32) Benzene-d6	5.76	84	940742	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.72	67	310649	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.88%
41) Toluene-d8	7.92	98	855271	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%
43) trans-1,3-Dichloropropene-	8.20	79	143265	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.65	63	286008	99.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.37%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	423661	44.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	295669	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%

Target Compounds

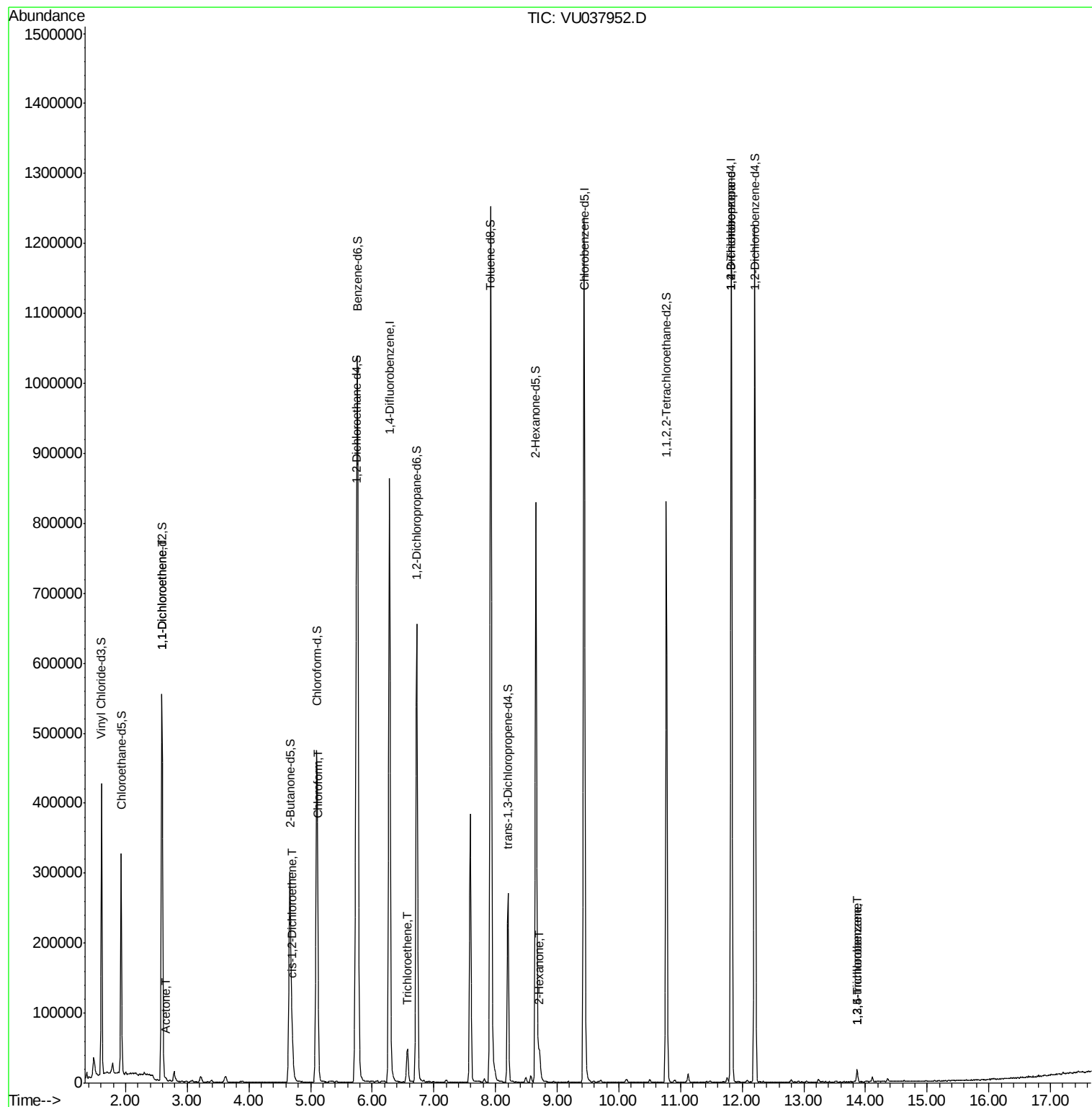
					Ovalue
12) 1,1-Dichloroethene	2.59	96	3629	0.796 ug/L #	1
13) Acetone	2.65	43	6138	1.991 ug/L	91
20) cis-1,2-Dichloroethene	4.71	96	19514	3.584 ug/L	98
25) Chloroform	5.12	83	13083	1.389 ug/L	95
34) Trichloroethene	6.57	95	15734	3.065 ug/L	94
48) 2-Hexanone	8.71	43	29779	3.940 ug/L #	92
59) 1,2,3-Trichloropropane	11.83	75	44181	5.630 ug/L	93
67) 1,3,5-Trichlorobenzene	13.87	180	5485	0.831 ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	5485	0.866 ug/L	98

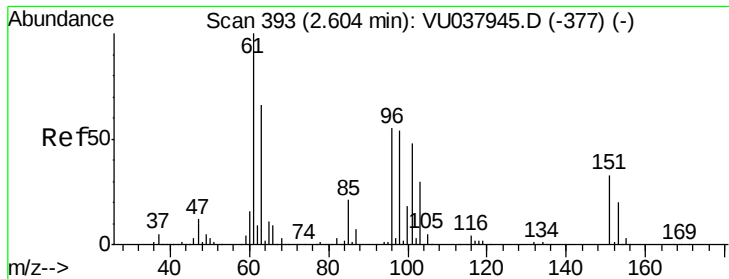
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.796 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037952.D

Acq: 30 Apr 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

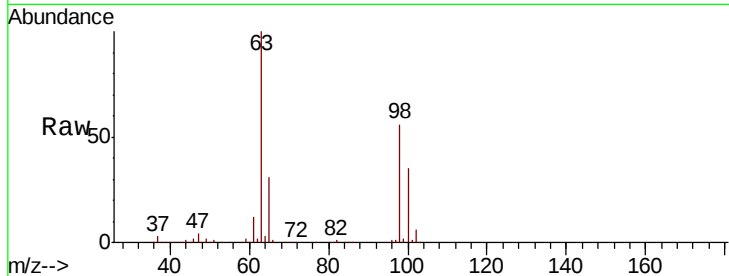
Tot Ion: 96 Resp: 3629

Ion Ratio Lower Upper

96 100

61 1250.1 126.1 234.3#

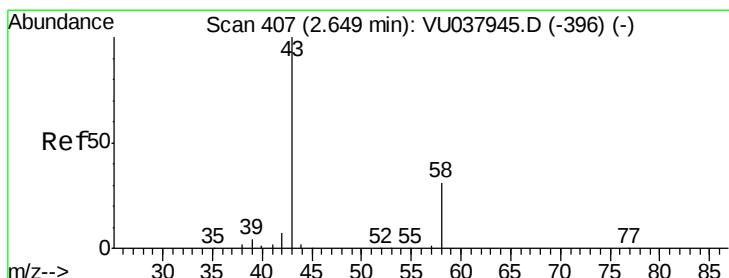
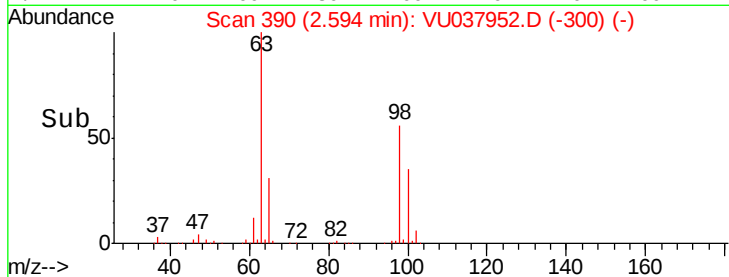
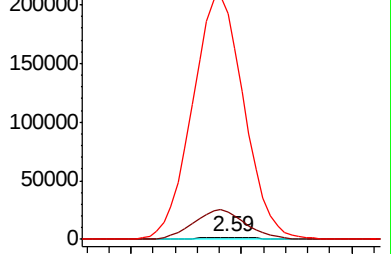
63 10319.5 83.4 154.8#



Abundance Ion 96.00 (95.70 to 96.70): VU037945.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU037945.D (-377) (-)

Ion 63.00 (62.70 to 63.70): VU037945.D (-377) (-)



#13

Acetone

Concen: 1.991 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037952.D

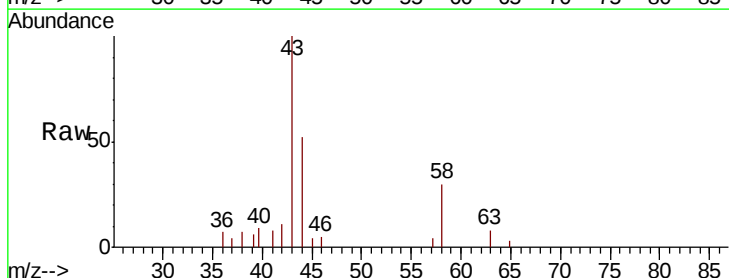
Acq: 30 Apr 2020 15:25

Tgt Ion: 43 Resp: 6138

Ion Ratio Lower Upper

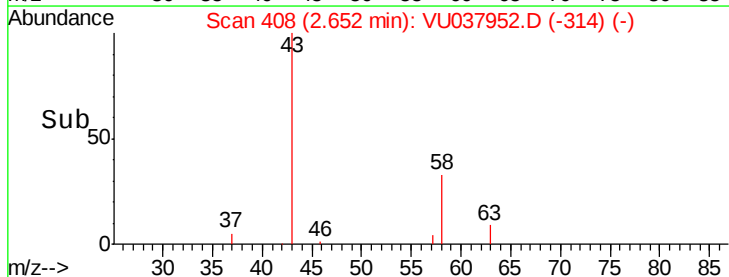
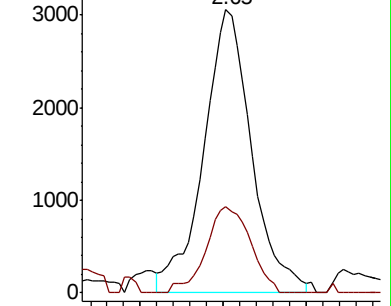
43 100

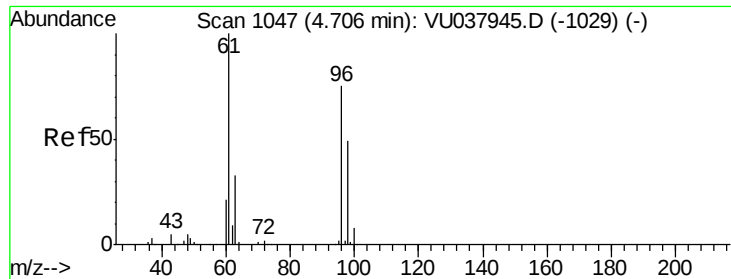
58 27.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU037945.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037945.D (-396) (-)





#20

cis-1,2-Dichloroethene

Concen: 3.584 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037952.D

Acq: 30 Apr 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

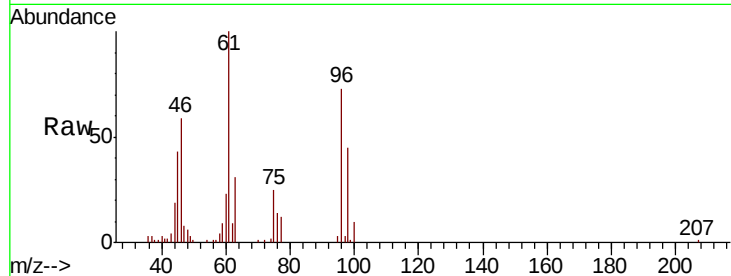
Tot Ion: 96 Resp: 19514

Ion Ratio Lower Upper

96 100

61 136.1 93.9 174.3

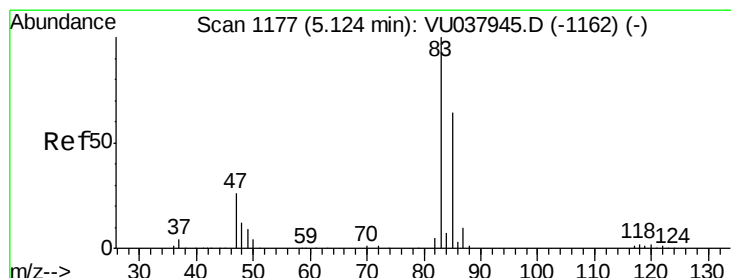
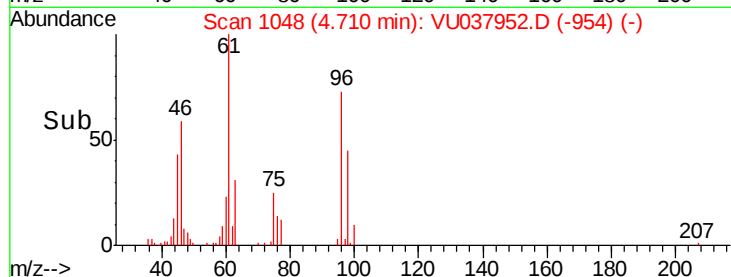
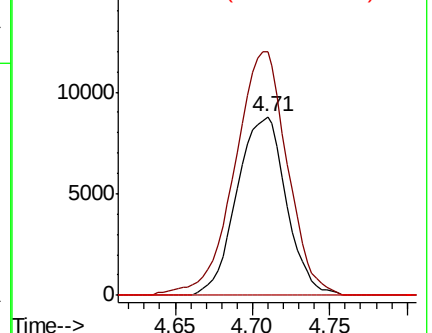
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037945.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037945.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037945.D (-1029) (-)



#25

Chloroform

Concen: 1.389 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037952.D

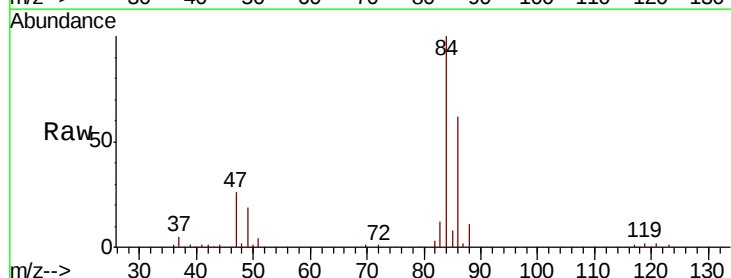
Acq: 30 Apr 2020 15:25

Tgt Ion: 83 Resp: 13083

Ion Ratio Lower Upper

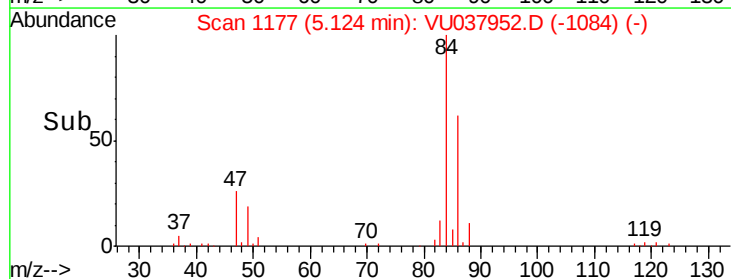
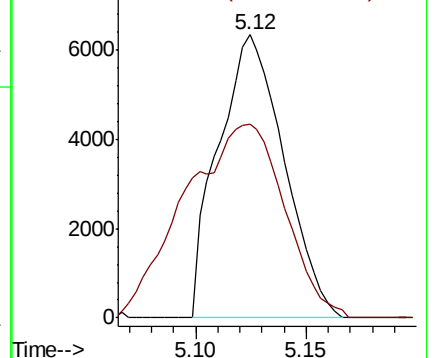
83 100

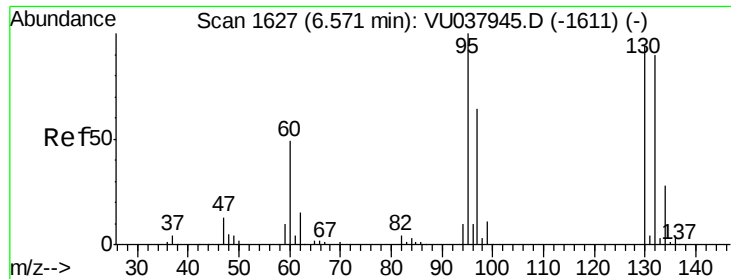
85 68.4 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU037945.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU037945.D (-1162) (-)

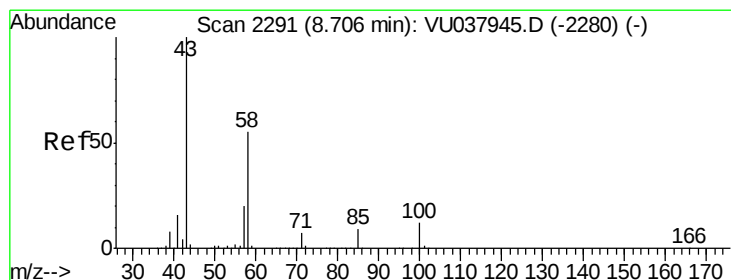
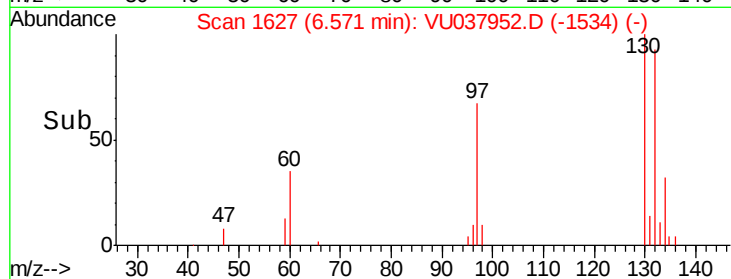
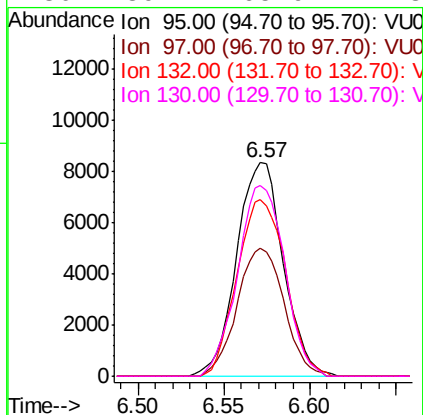
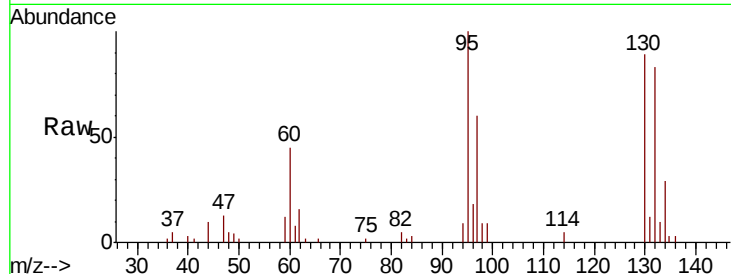




#34
 Trichloroethene
 Concen: 3.065 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037952.D
 Acq: 30 Apr 2020 15:25

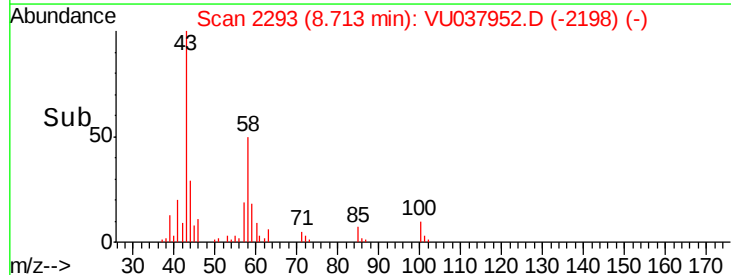
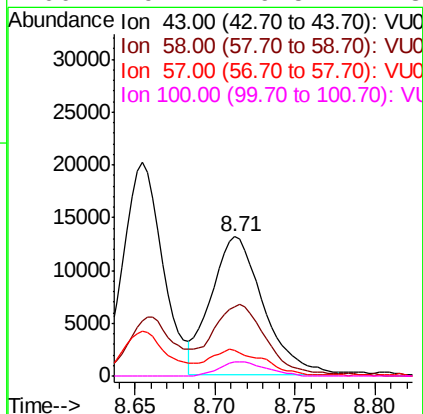
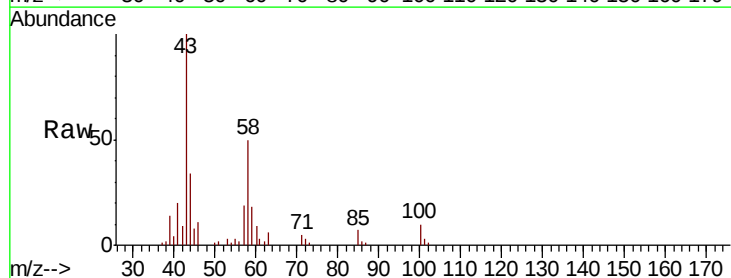
Instrument :
 MSVOA_U
 ClientSampleId :

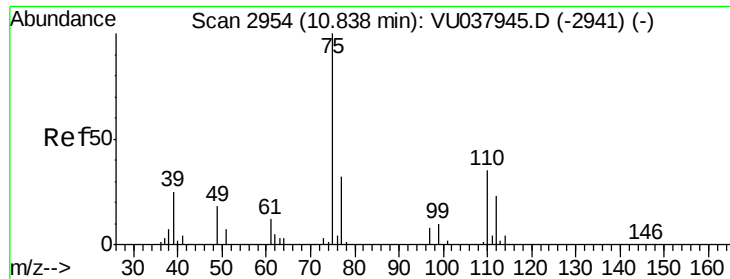
Tot Ion:	95	Resp:	15734
Ion	Ratio	Lower	Upper
95	100		
97	60.0	44.9	83.5
132	82.5	63.2	117.4
130	89.2	65.9	122.3



#48
 2-Hexanone
 Concen: 3.940 ug/L
 RT: 8.71 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: VU037952.D
 Acq: 30 Apr 2020 15:25

Tgt Ion:	43	Resp:	29779
Ion	Ratio	Lower	Upper
43	100		
58	50.8	46.4	69.6
57	18.0	16.4	24.6
100	9.1	9.5	14.3#





#59

1,2,3-Trichloropropane

Concen: 5.630 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037952.D

Acq: 30 Apr 2020 15:25

Instrument :

MSVOA_U

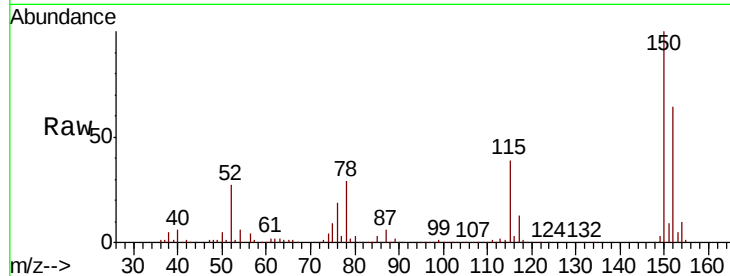
ClientSampleId :

Tot Ion: 75 Resp: 44181

Ion Ratio Lower Upper

75 100

77 35.4 25.4 38.2

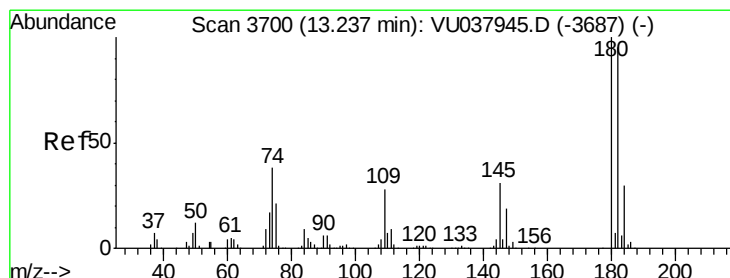
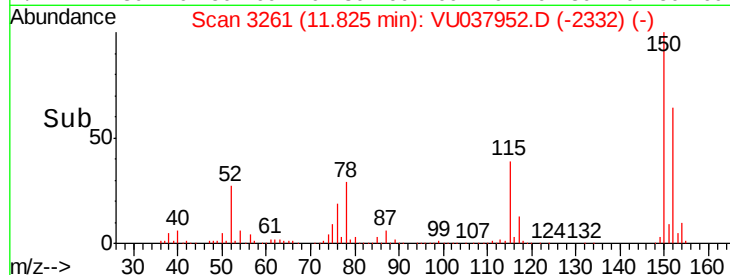


Abundance Ion 75.00 (74.70 to 75.70): VU037945.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU037945.D (-2941) (-)

11.83

Time-->



#67

1,3,5-Trichlorobenzene

Concen: 0.831 ug/L

RT: 13.87 min Scan# 3896

Delta R.T. 0.63 min

Lab File: VU037952.D

Acq: 30 Apr 2020 15:25

Tgt Ion:180 Resp: 5485

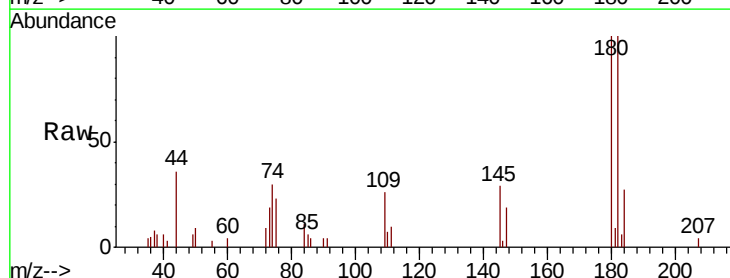
Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

184 26.6 24.2 36.2

145 29.3 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): VU037945.D (-3687) (-)

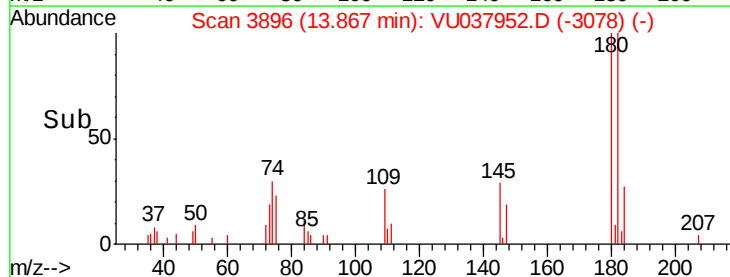
Ion 182.00 (181.70 to 182.70): VU037945.D (-3687) (-)

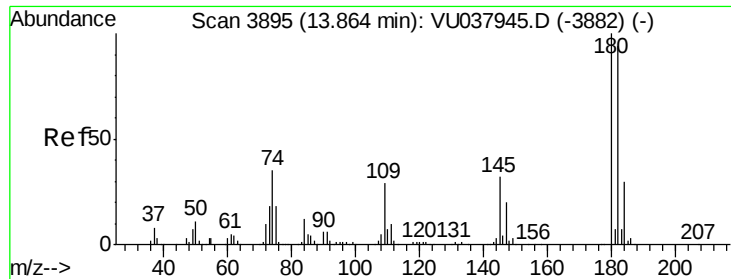
Ion 184.00 (183.70 to 184.70): VU037945.D (-3687) (-)

Ion 145.00 (144.70 to 145.70): VU037945.D (-3687) (-)

13.87

Time-->

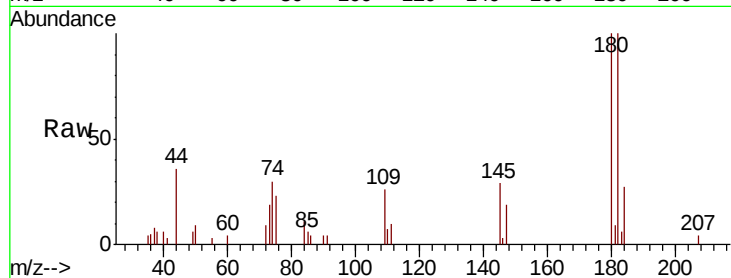




#68
 1,2,4-trichlorobenzene
 Concen: 0.866 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU037952.D
 Acq: 30 Apr 2020 15:25

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.0
145	29.3	25.3	37.9



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

