

Data File : VU037046.D
Acq On : 04 Mar 2020 18:11
Operator : JC/MD
Sample : L1784-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AZ2

Quant Time: Mar 05 01:01:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265238	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91771	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	88814	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.59	63	129322	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.34%
21) 2-Butanone-d5	4.67	46	144427	96.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.67%
24) Chloroform-d	5.11	84	161368	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.74	65	113194	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.76	84	352244	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
36) 1,2-Dichloropropane-d6	6.73	67	109464	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.93	98	298402	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	8.20	79	47200	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.66	63	100236	88.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.76%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155820	47.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	91012	49.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.68%

Target Compounds

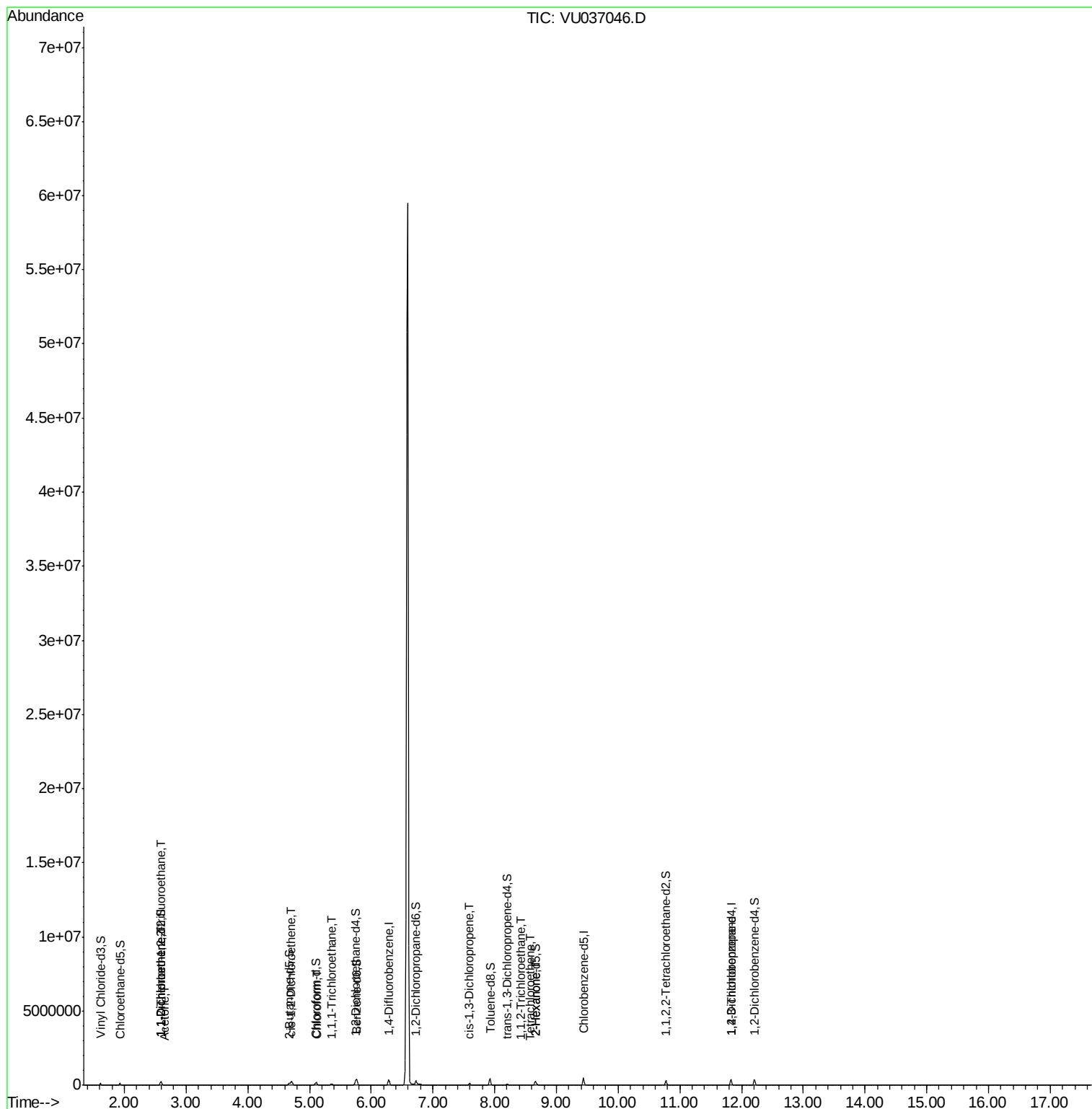
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	14747	8.706	ug/L	97
12) 1,1-Dichloroethene	2.60	96	14911	8.704	ug/L #	1
13) Acetone	2.66	43	4522	2.942	ug/L	75
20) cis-1,2-Dichloroethene	4.71	96	117766	57.229	ug/L	100
25) Chloroform	5.13	83	7012	2.032	ug/L	94
30) 1,1,1-Trichloroethane	5.36	97	62201	23.533	ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	2915	0.902	ug/L #	71
45) 1,1,2-Trichloroethane	8.43	97	7194	3.858	ug/L	95
46) Tetrachloroethene	8.57	164	1609	1.276	ug/L	89
48) 2-Hexanone	8.66	43	12158	4.931	ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	13520	5.012	ug/L	91

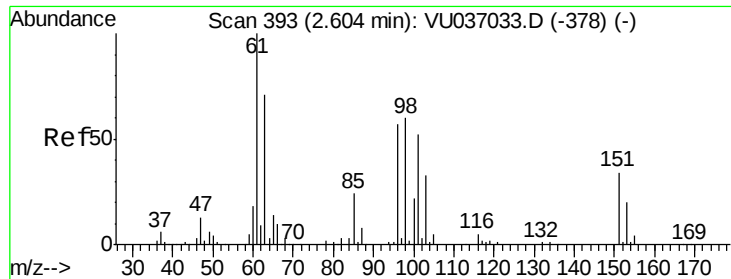
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration





#10

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

Concen: 8.706 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037046.D

Acq: 04 Mar 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

C0AZ2

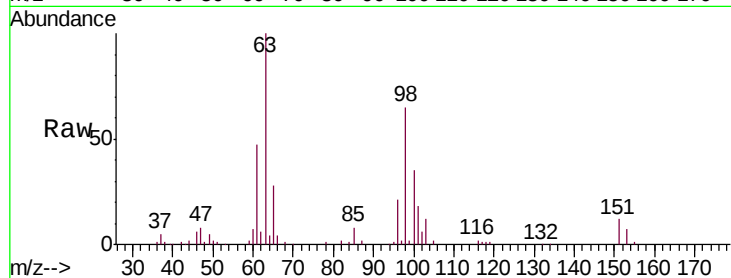
Tgt Ion:101 Resp: 14747

Ion Ratio Lower Upper

101 100

85 43.5 36.4 54.6

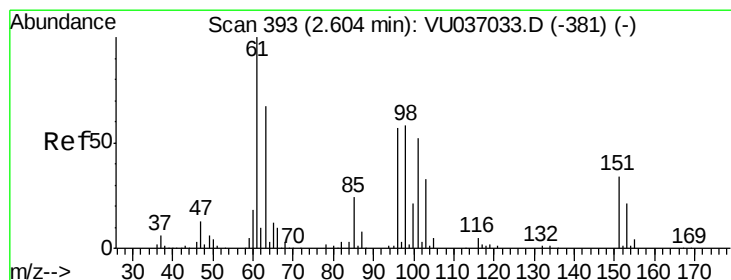
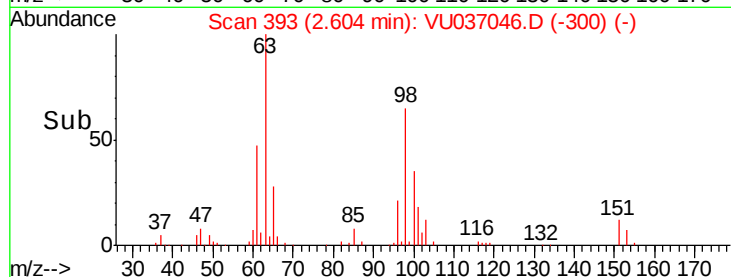
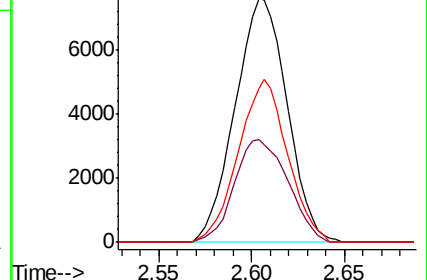
151 63.2 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 8.704 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037046.D

Acq: 04 Mar 2020 18:11

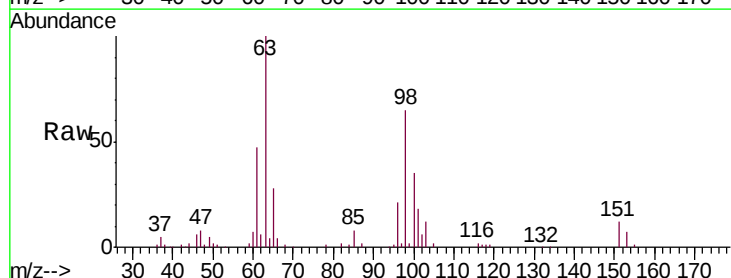
Tgt Ion: 96 Resp: 14911

Ion Ratio Lower Upper

96 100

61 216.8 127.5 236.7

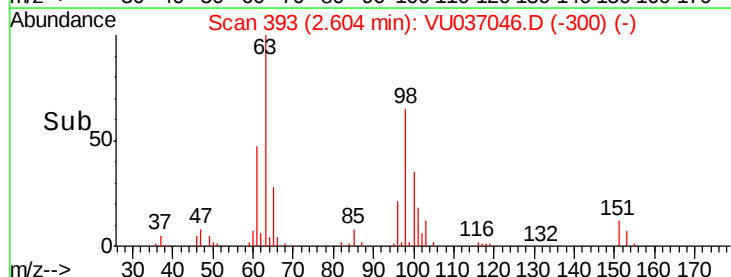
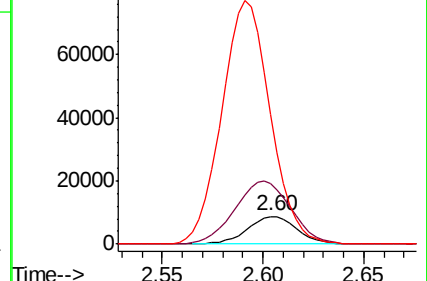
63 465.4 101.4 188.2#

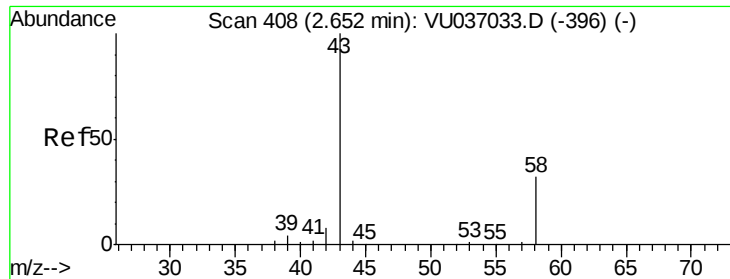


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.942 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037046.D

Acq: 04 Mar 2020 18:11

Instrument :

MSVOA_U

ClientSampled :

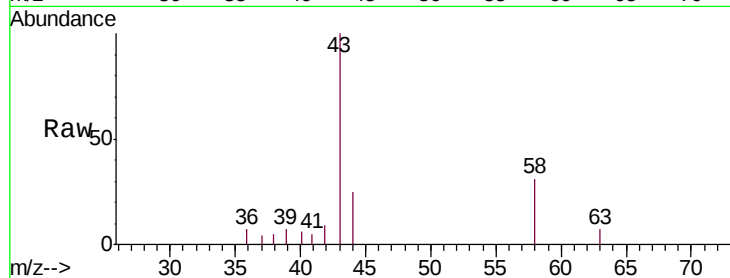
C0AZ2

Tgt Ion: 43 Resp: 4522

Ion Ratio Lower Upper

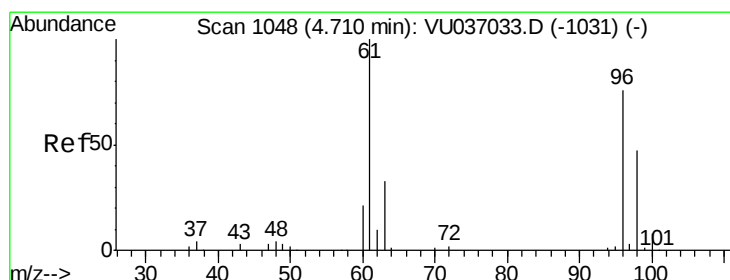
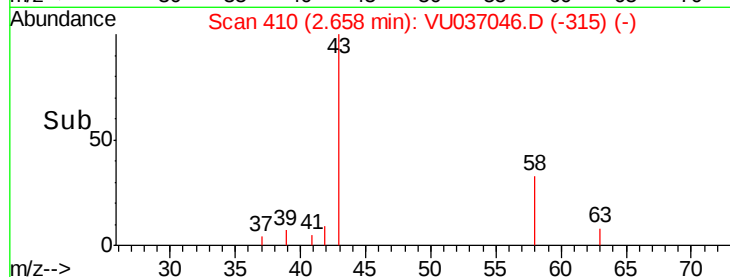
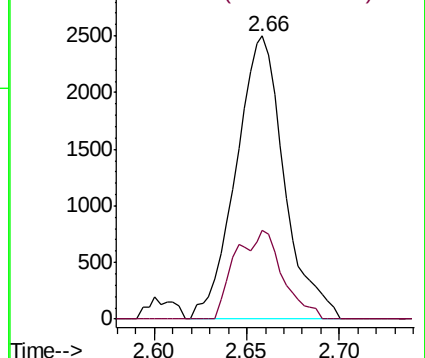
43 100

58 18.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037033.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037033.D (-396) (-)



#20

cis-1,2-Dichloroethene

Concen: 57.229 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037046.D

Acq: 04 Mar 2020 18:11

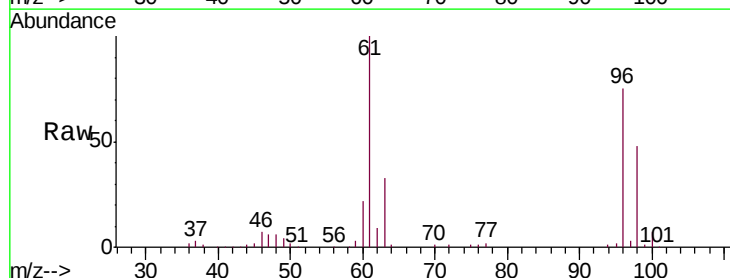
Tgt Ion: 96 Resp: 117766

Ion Ratio Lower Upper

96 100

61 132.5 93.1 172.9

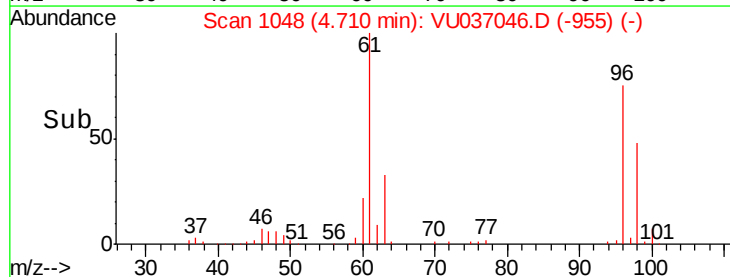
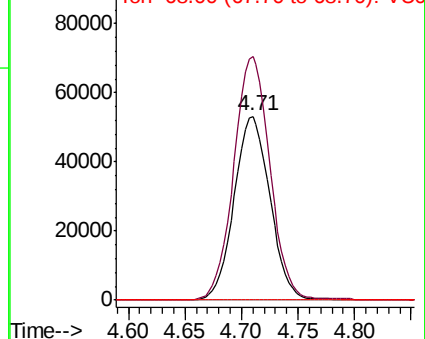
68 0.0 0.0 0.0

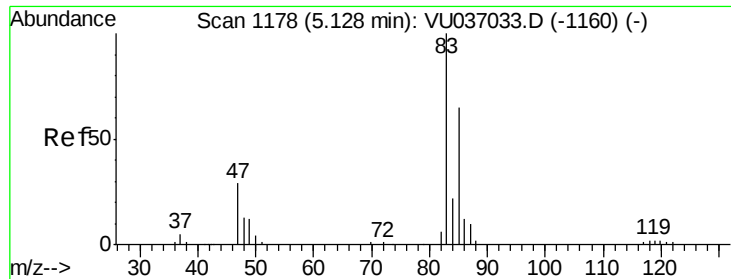


Abundance Ion 96.00 (95.70 to 96.70): VU037033.D (-1031) (-)

Ion 61.00 (60.70 to 61.70): VU037033.D (-1031) (-)

Ion 68.00 (67.70 to 68.70): VU037033.D (-1031) (-)

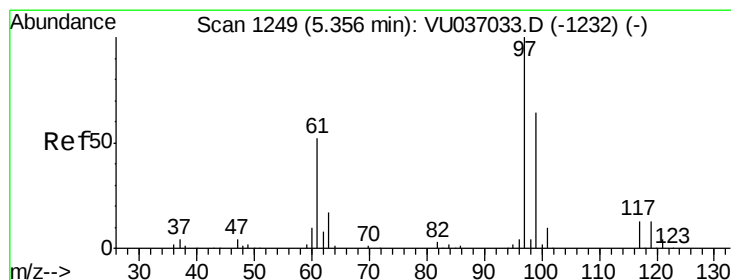
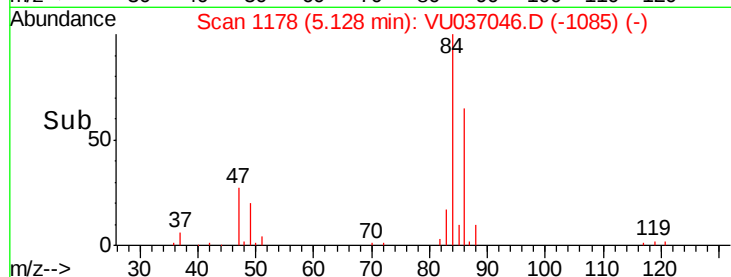
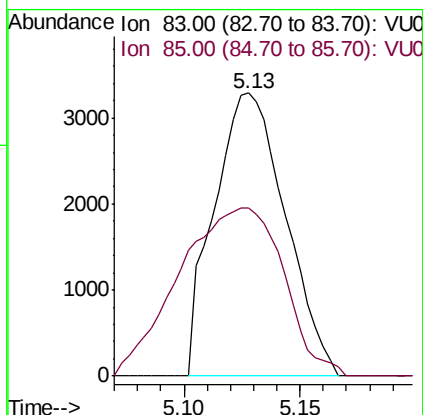
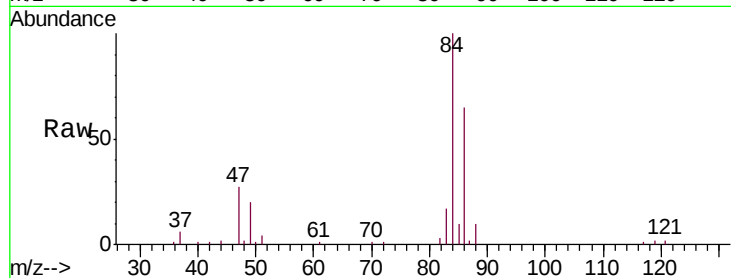




#25
Chloroform
Concen: 2.032 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037046.D
Acq: 04 Mar 2020 18:11

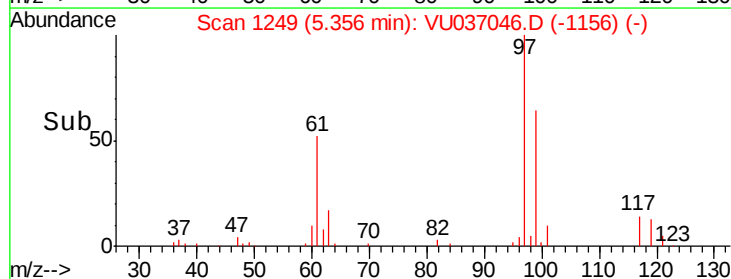
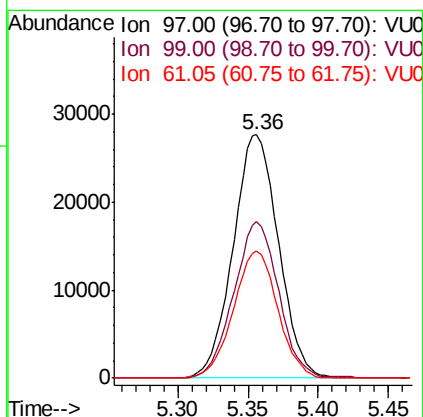
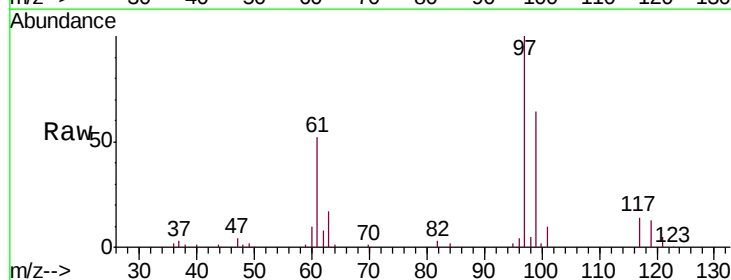
Instrument :
MSVOA_U
ClientSampleId :
C0AZ2

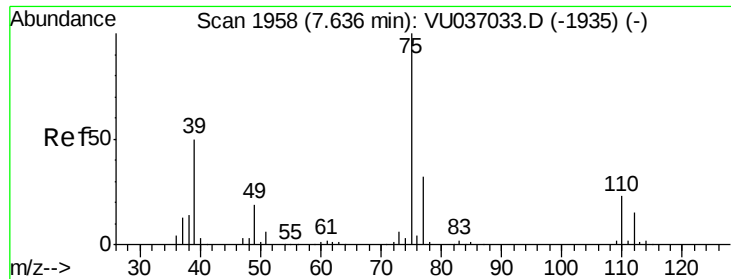
Tgt Ion: 83 Resp: 7012
Ion Ratio Lower Upper
83 100
85 59.4 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 23.533 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU037046.D
Acq: 04 Mar 2020 18:11

Tgt Ion: 97 Resp: 62201
Ion Ratio Lower Upper
97 100
99 63.2 50.4 75.6
61 51.1 40.3 60.5

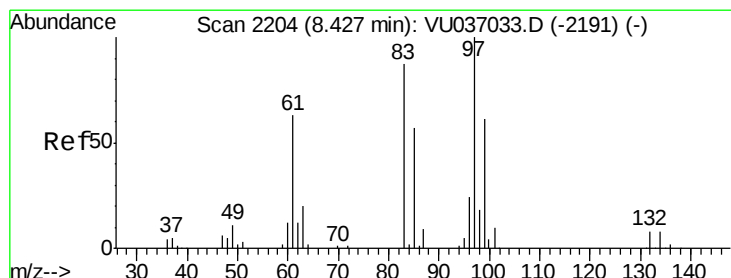
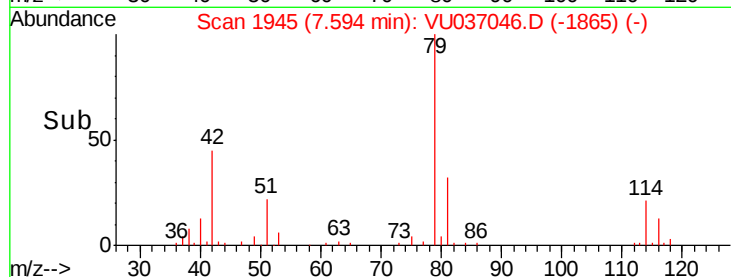
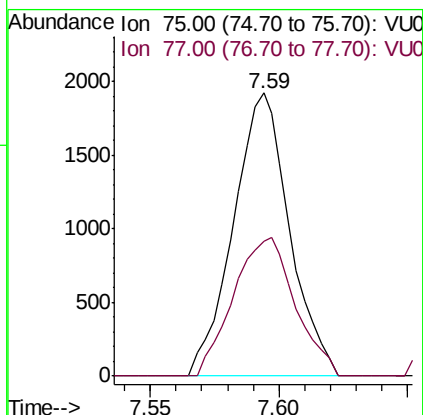
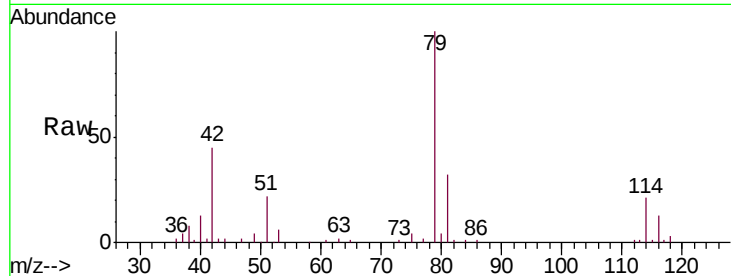




#39
 cis-1,3-Dichloropropene
 Concen: 0.902 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037046.D
 Acq: 04 Mar 2020 18:11

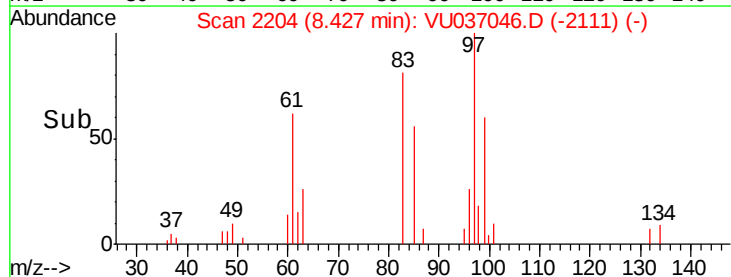
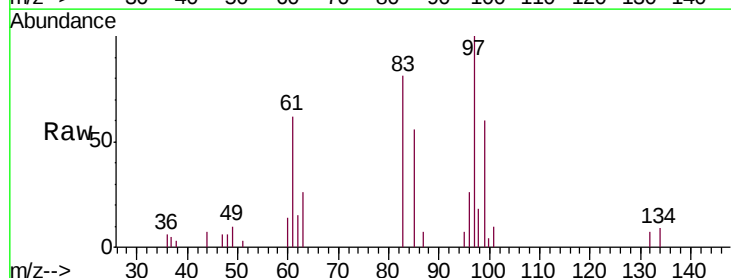
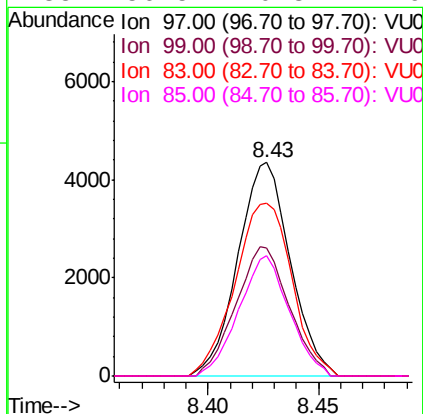
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ2

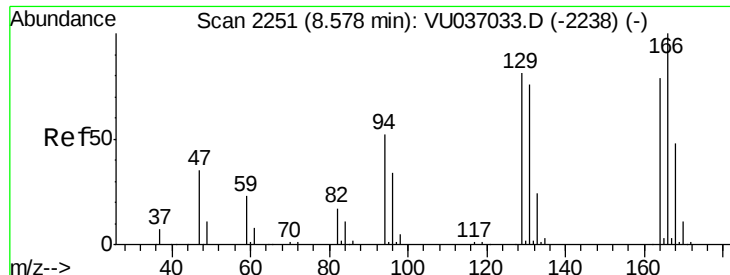
Tgt Ion: 75 Resp: 2915
 Ion Ratio Lower Upper
 75 100
 77 47.8 22.0 41.0#



#45
 1,1,2-Trichloroethane
 Concen: 3.858 ug/L
 RT: 8.43 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VU037046.D
 Acq: 04 Mar 2020 18:11

Tgt Ion: 97 Resp: 7194
 Ion Ratio Lower Upper
 97 100
 99 60.2 43.6 81.0
 83 80.7 62.7 116.5
 85 56.5 40.3 74.9

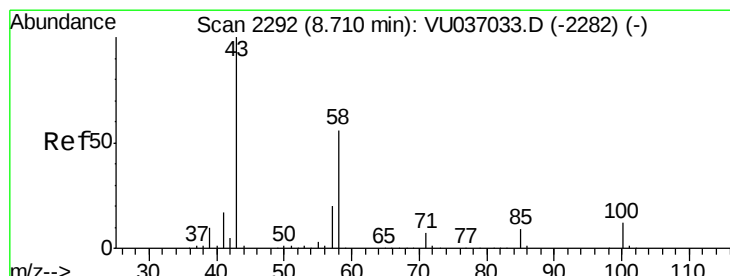
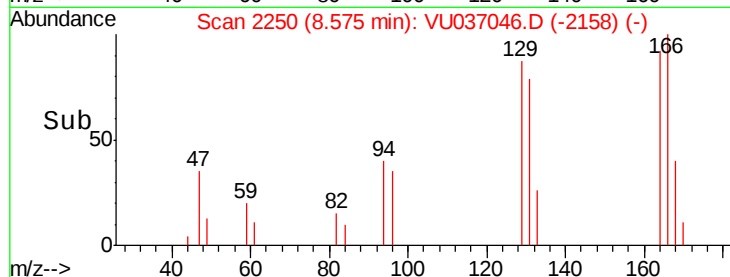
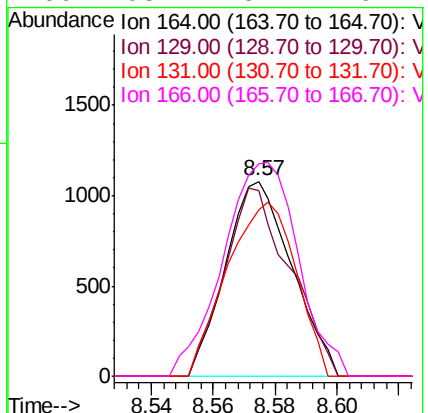
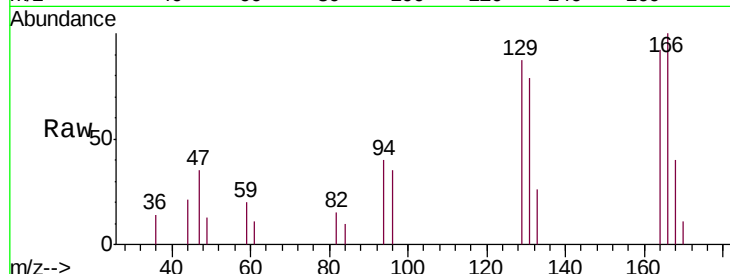




#46
Tetrachloroethene
Concen: 1.276 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU037046.D
Acq: 04 Mar 2020 18:11

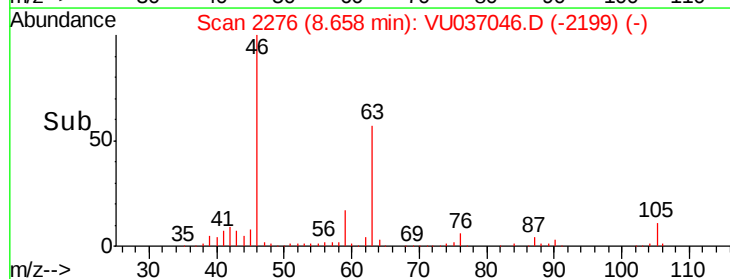
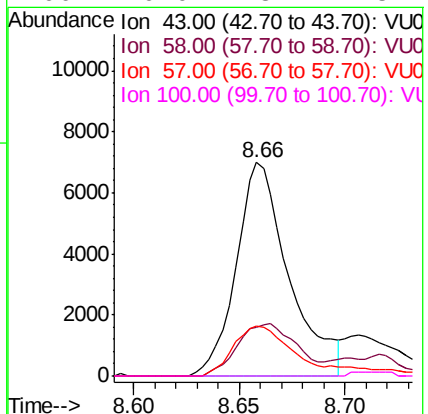
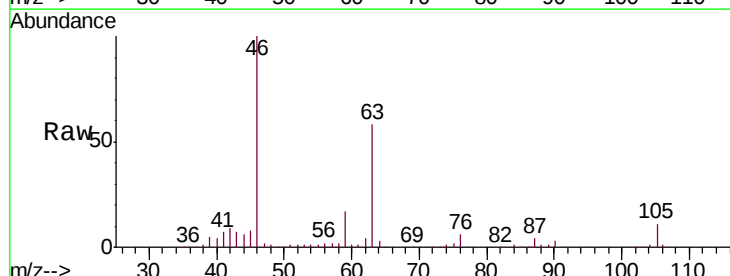
Instrument :
MSVOA_U
ClientSampleId :
C0AZ2

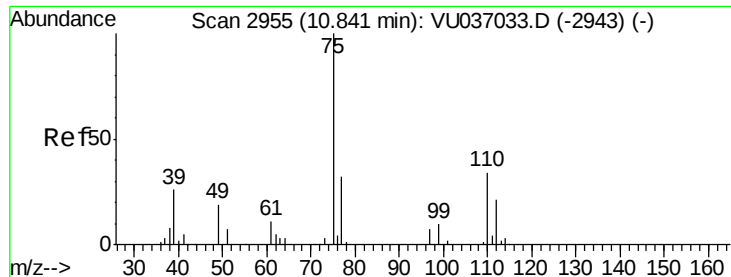
Tgt Ion:164 Resp: 1609
Ion Ratio Lower Upper
164 100
129 94.9 72.0 133.8
131 85.4 67.9 126.1
166 108.7 87.1 161.7



#48
2-Hexanone
Concen: 4.931 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU037046.D
Acq: 04 Mar 2020 18:11

Tgt Ion: 43 Resp: 12158
Ion Ratio Lower Upper
43 100
58 27.1 43.5 65.3#
57 25.1 15.1 22.7#
100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 5.012 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037046.D

Acq: 04 Mar 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

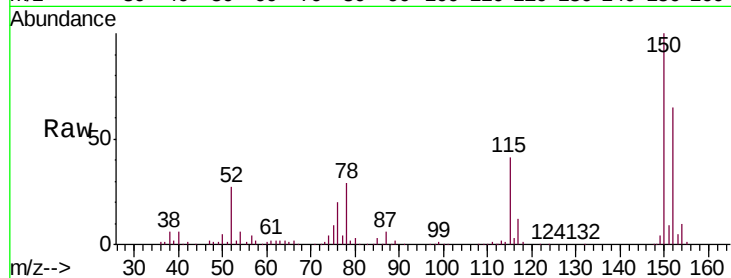
C0AZ2

Tgt Ion: 75 Resp: 13520

Ion Ratio Lower Upper

75 100

77 38.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

