

Data File : VU037654.D
Acq On : 10 Apr 2020 06:03
Operator : JC/MD
Sample : L2212-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0ET4

Quant Time: Apr 10 07:39:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 10 06:05:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	496308	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	468172	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	221987	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	181311	41.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.58%
7) Chloroethane-d5	1.93	69	158649	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.50%
11) 1,1-Dichloroethene-d2	2.59	63	240526	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.04%
21) 2-Butanone-d5	4.66	46	396551	112.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.81%
24) Chloroform-d	5.10	84	321990	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.74	65	228114	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.00%
32) Benzene-d6	5.76	84	686539	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
36) 1,2-Dichloropropane-d6	6.72	67	235176	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.58%
41) Toluene-d8	7.92	98	619470	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	8.20	79	116895	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.32%
47) 2-Hexanone-d5	8.65	63	273765	104.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.29%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	334345	51.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.26%
64) 1,2-Dichlorobenzene-d4	12.20	152	230366	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%

Target Compounds

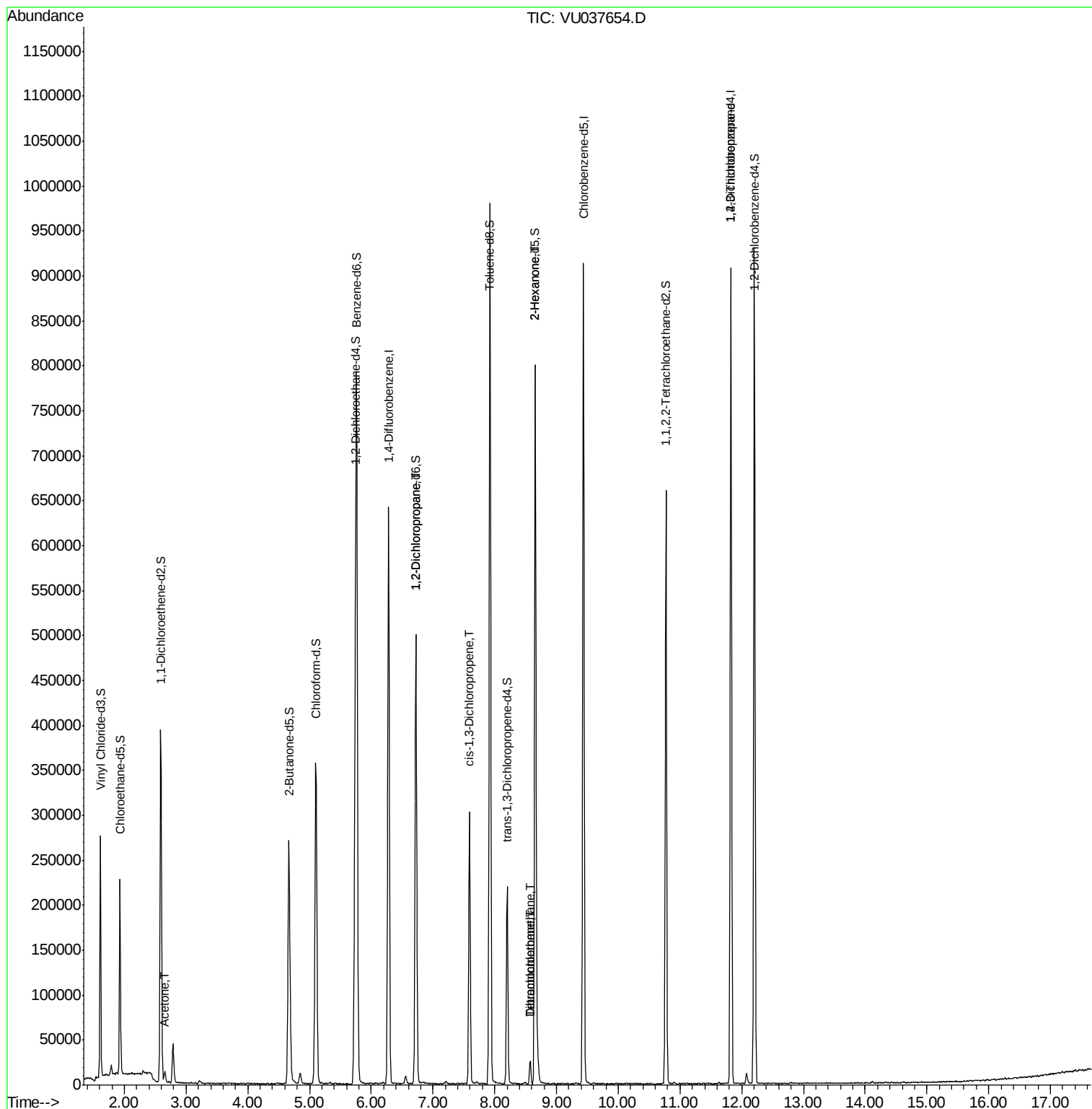
					Qvalue
13) Acetone	2.66	43	13876	6.684 ug/L	99
37) 1,2-Dichloropropane	6.72	63	25432	6.496 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6739	1.052 ug/L #	64
46) Tetrachloroethene	8.57	164	5938	2.275 ug/L	85
48) 2-Hexanone	8.65	43	34116	6.214 ug/L #	75
49) Dibromochloromethane	8.57	129	5398	1.441 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	30858	5.802 ug/L	94

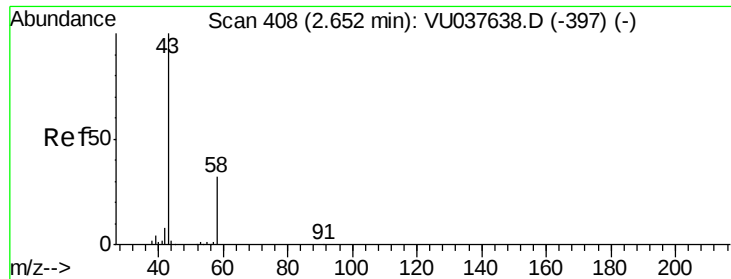
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.684 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037654.D

Acq: 10 Apr 2020 06:03

Instrument :

MSVOA_U

ClientSampleId :

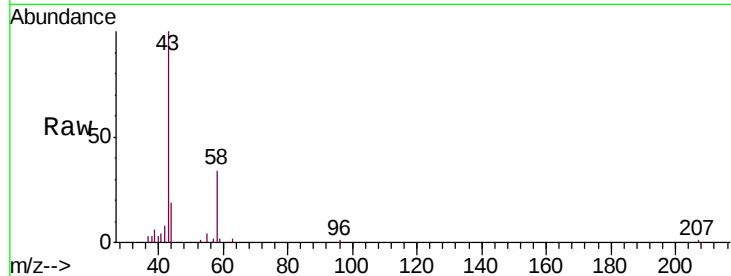
C0ET4

Tgt Ion: 43 Resp: 13876

Ion Ratio Lower Upper

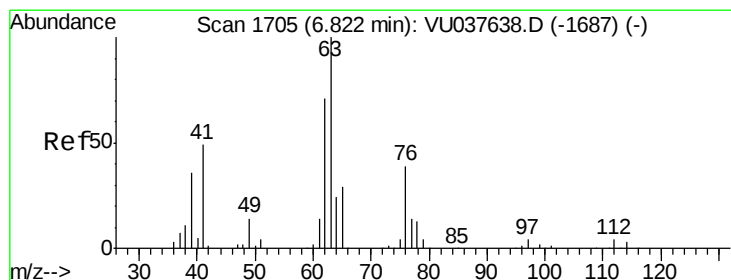
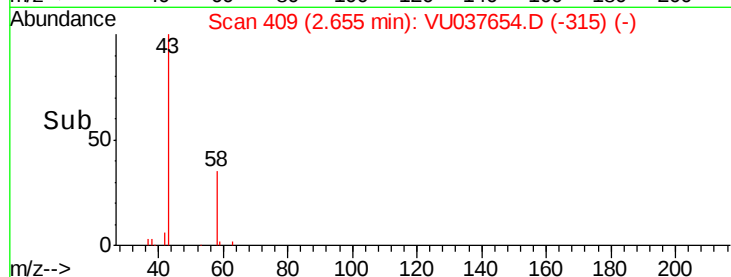
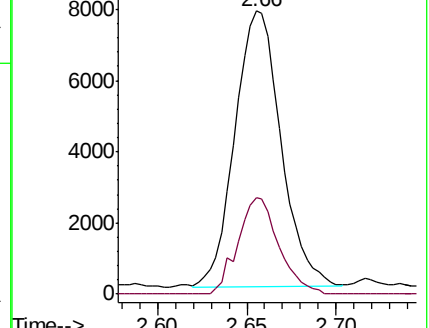
43 100

58 31.1 0.0 63.2



Abundance Ion 43.00 (42.70 to 43.70): VU037638.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037638.D (-397) (-)



#37

1,2-Dichloropropane

Concen: 6.496 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037654.D

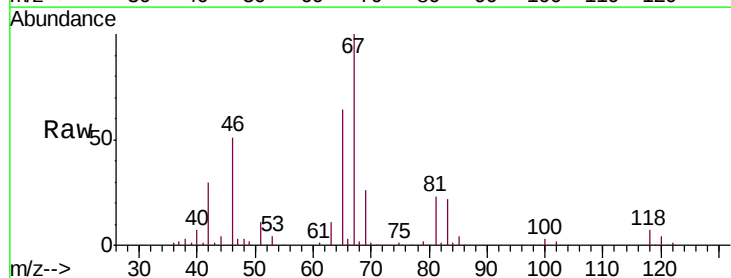
Acq: 10 Apr 2020 06:03

Tgt Ion: 63 Resp: 25432

Ion Ratio Lower Upper

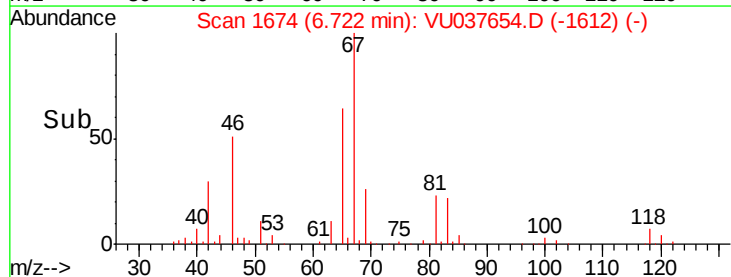
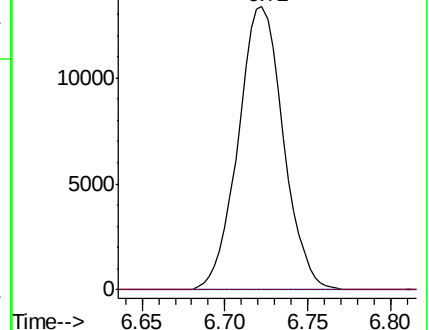
63 100

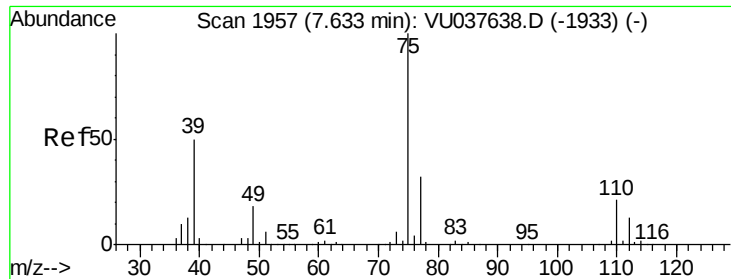
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU037638.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037638.D (-1687) (-)

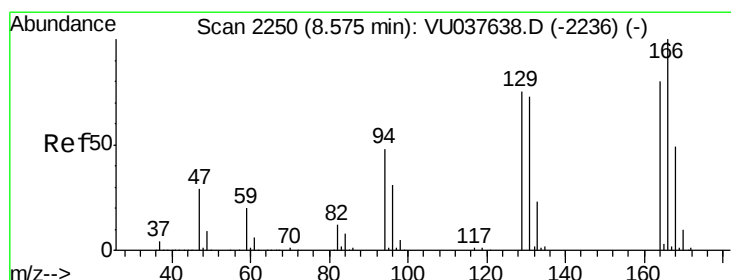
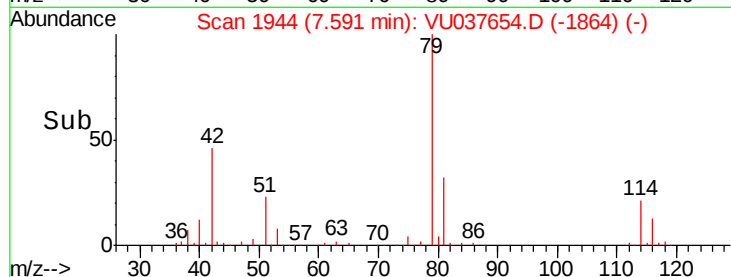
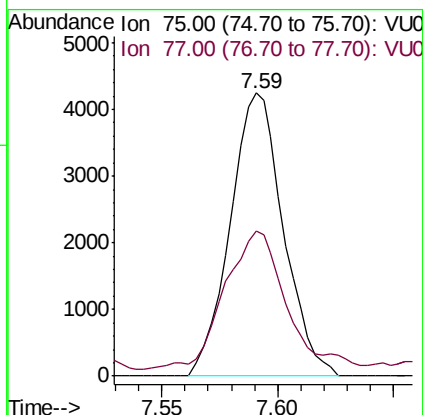
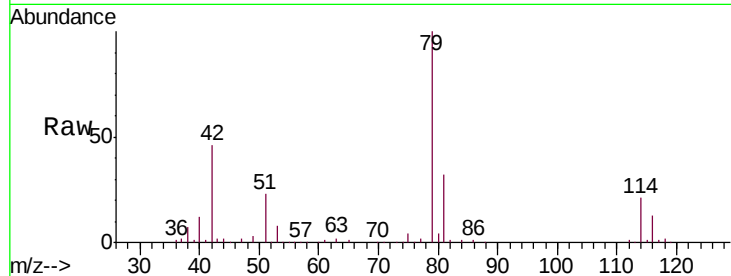




#39
 cis-1,3-Dichloropropene
 Concen: 1.052 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037654.D
 Acq: 10 Apr 2020 06:03

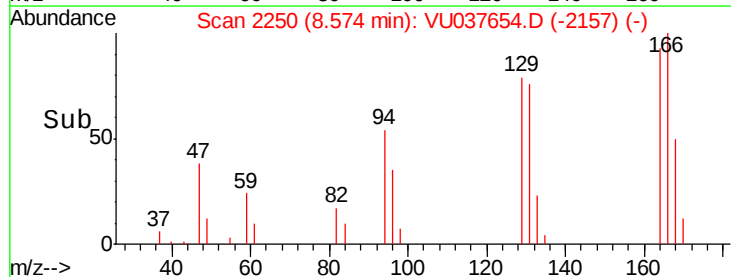
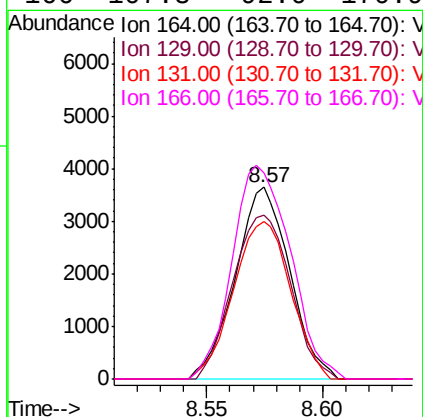
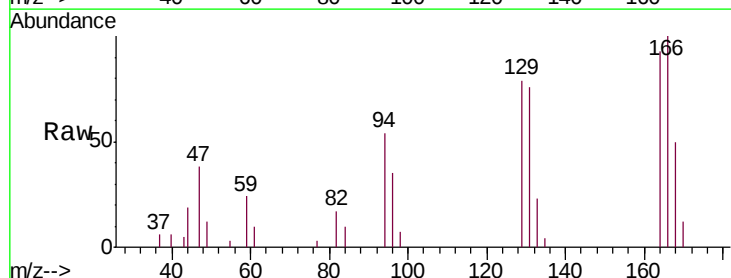
Instrument :
 MSVOA_U
 ClientSampleId :
 C0ET4

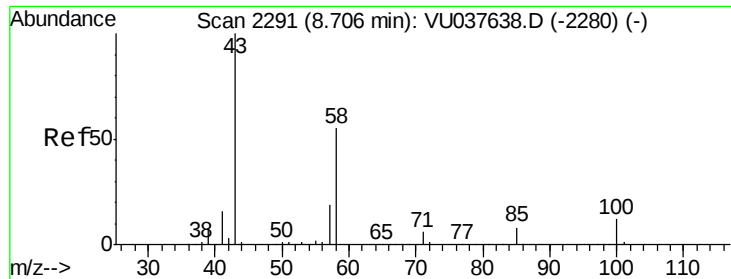
Tgt Ion: 75 Resp: 6739
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.1 41.1#



#46
 Tetrachloroethene
 Concen: 2.275 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037654.D
 Acq: 10 Apr 2020 06:03

Tgt Ion: 164 Resp: 5938
 Ion Ratio Lower Upper
 164 100
 129 85.4 68.0 126.2
 131 82.1 65.8 122.2
 166 107.8 92.0 170.9





#48

2-Hexanone

Concen: 6.214 ug/L

RT: 8.65 min Scan# 2275

Delta R.T. -0.05 min

Lab File: VU037654.D

Acq: 10 Apr 2020 06:03

Instrument :

MSVOA_U

ClientSampled :

C0ET4

Tgt Ion: 43 Resp: 34116

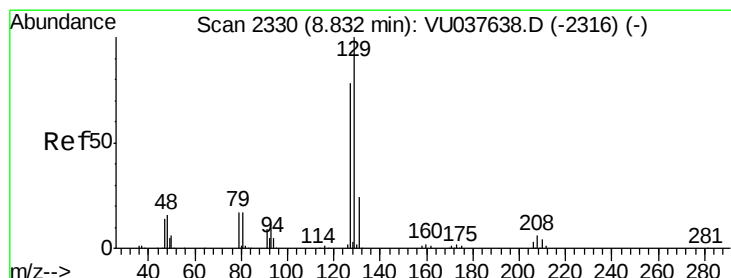
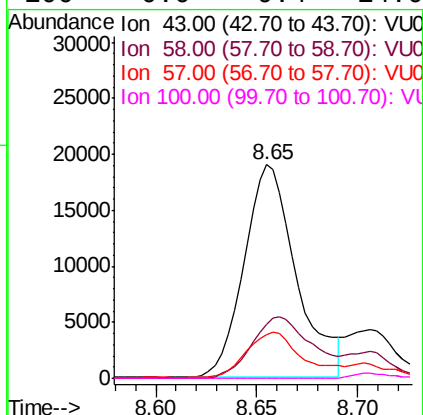
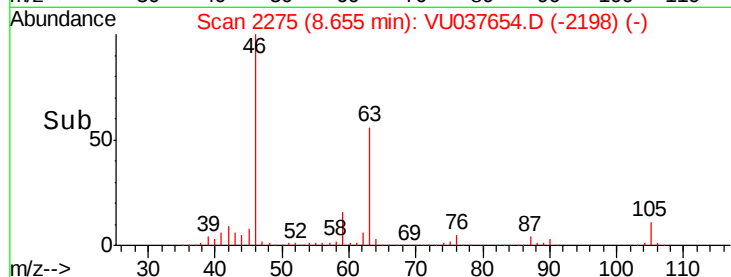
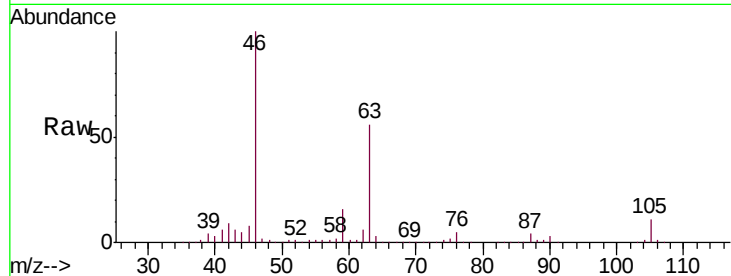
Ion Ratio Lower Upper

43 100

58 33.3 44.0 66.0#

57 21.9 15.2 22.8

100 0.0 9.4 14.0#



#49

Dibromochloromethane

Concen: 1.441 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037654.D

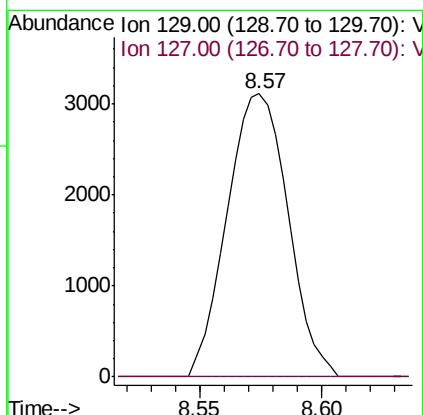
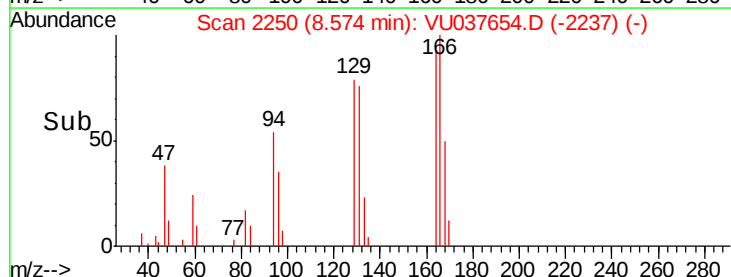
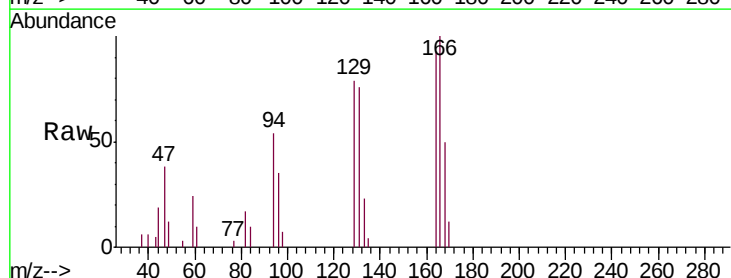
Acq: 10 Apr 2020 06:03

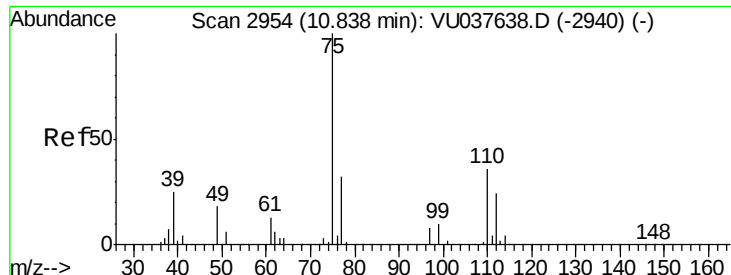
Tgt Ion: 129 Resp: 5398

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#59

1,2,3-Trichloropropane

Concen: 5.802 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037654.D

Acq: 10 Apr 2020 06:03

Instrument :

MSVOA_U

ClientSampleId :

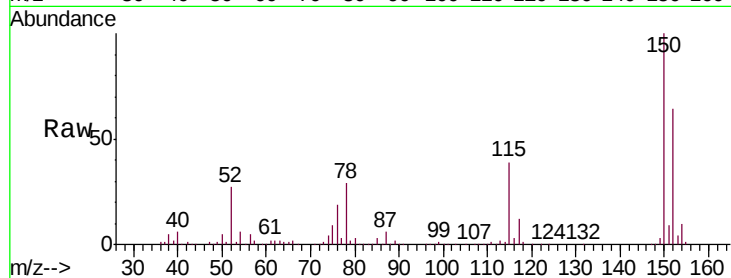
C0ET4

Tgt Ion: 75 Resp: 30858

Ion Ratio Lower Upper

75 100

77 35.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

