

Data File : VU037645.D
Acq On : 10 Apr 2020 02:39
Operator : JC/MD
Sample : L2212-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0ES2

Quant Time: Apr 10 06:07:58 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	482528	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	449488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	213059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	187956	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.12%
7) Chloroethane-d5	1.93	69	163629	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.59	63	242713	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.66	46	398643	116.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.64%
24) Chloroform-d	5.10	84	329210	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
26) 1,2-Dichloroethane-d4	5.74	65	234173	54.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.76%
32) Benzene-d6	5.76	84	694121	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.98%
36) 1,2-Dichloropropane-d6	6.72	67	239302	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.72%
41) Toluene-d8	7.92	98	616257	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%
43) trans-1,3-Dichloropropene-	8.20	79	120390	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.18%
47) 2-Hexanone-d5	8.65	63	282541	112.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.11%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	337996	54.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.72%
64) 1,2-Dichlorobenzene-d4	12.20	152	226843	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds

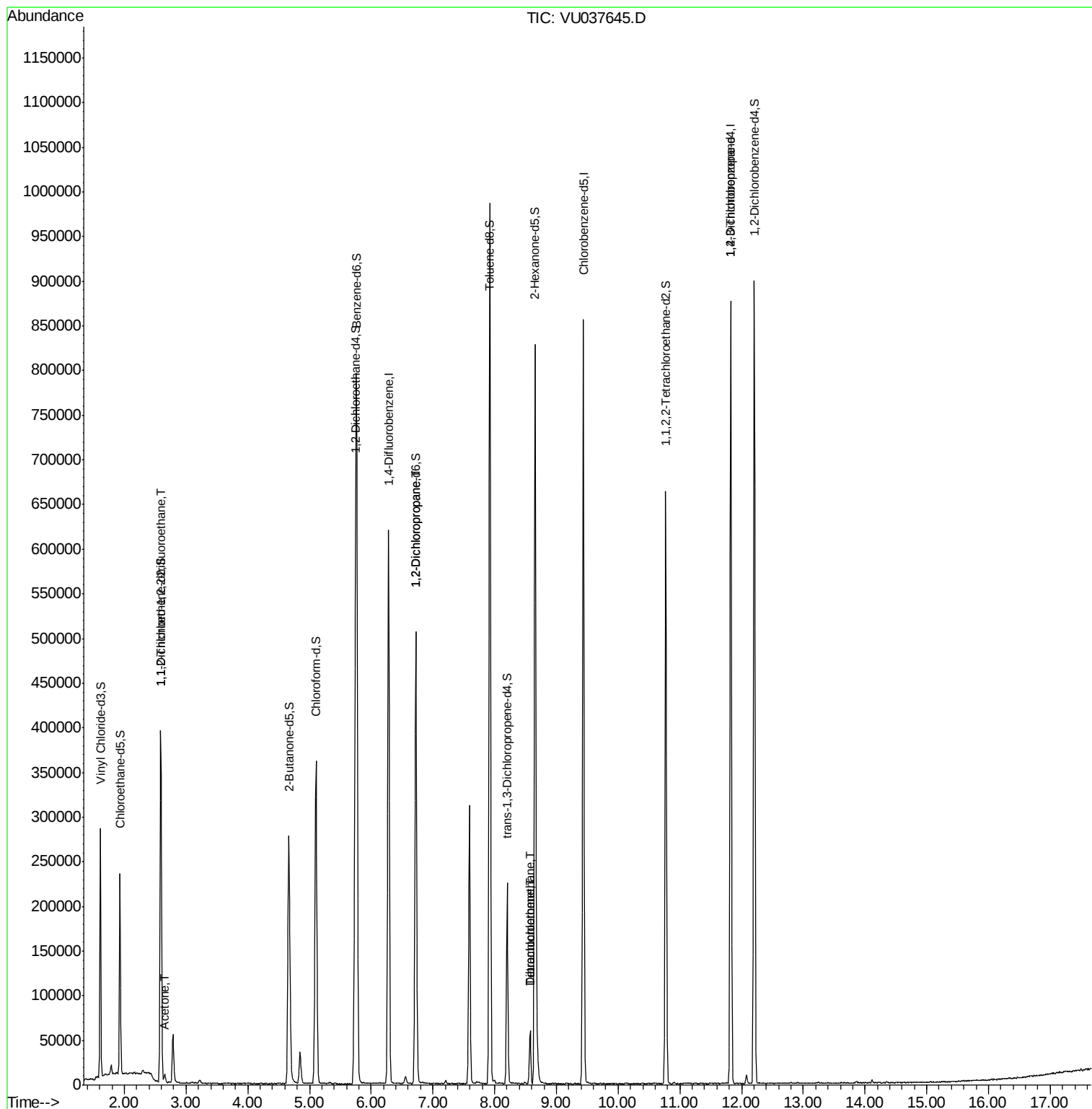
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2228	0.732 ug/L #	22
13) Acetone	2.66	43	9431	4.672 ug/L	99
37) 1,2-Dichloropropane	6.72	63	25294	6.730 ug/L #	87
46) Tetrachloroethene	8.57	164	13149	5.248 ug/L	96
49) Dibromochloromethane	8.57	129	12580	3.498 ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	29723	5.821 ug/L	93

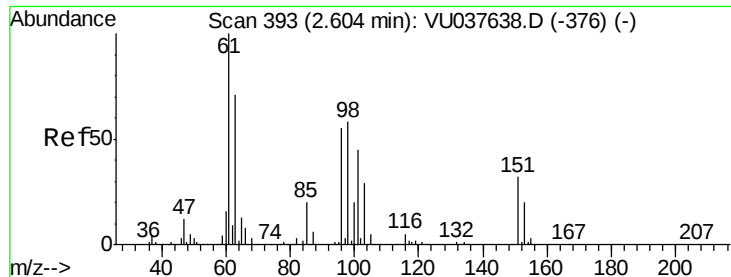
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.732 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

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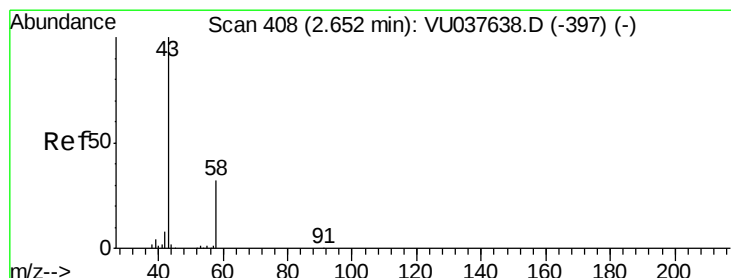
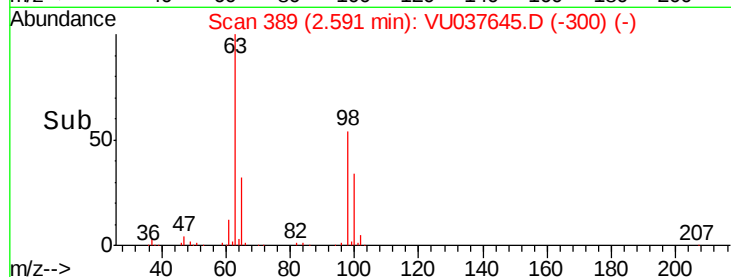
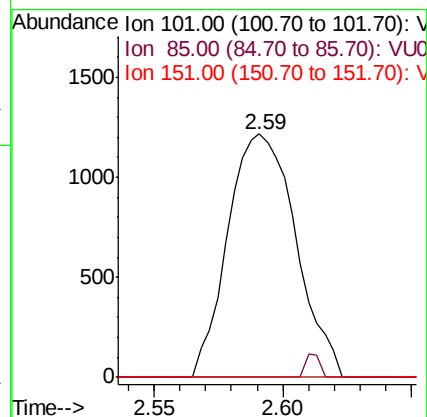
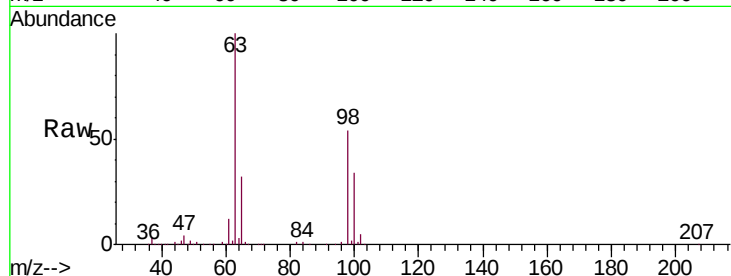
Tgt Ion:101 Resp: 2228

Ion Ratio Lower Upper

101 100

85 2.0 34.5 51.7#

151 0.0 56.8 85.2#



#13

Acetone

Concen: 4.672 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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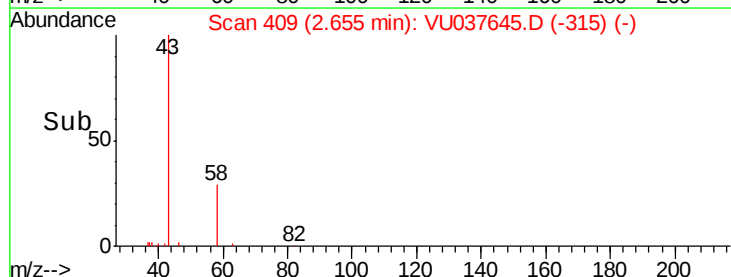
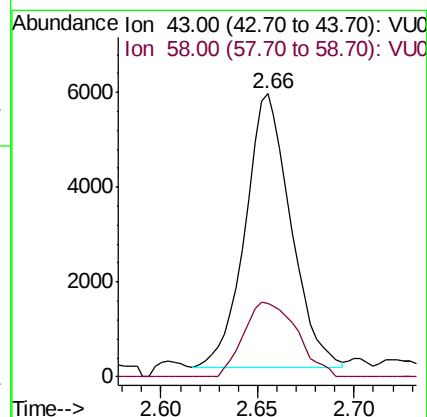
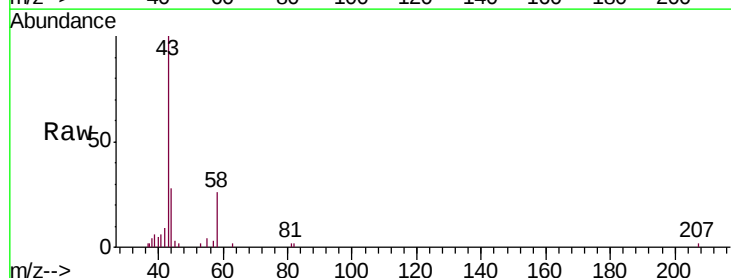
Acq: 10 Apr 2020 02:39

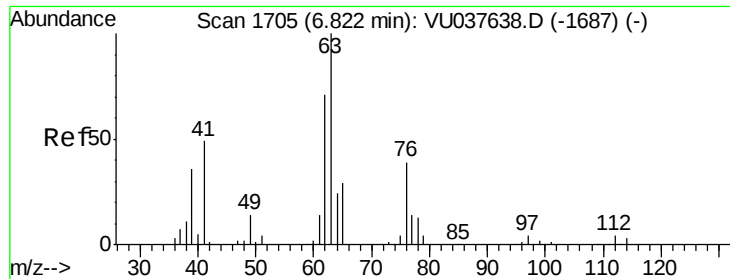
Tgt Ion: 43 Resp: 9431

Ion Ratio Lower Upper

43 100

58 32.3 0.0 63.2

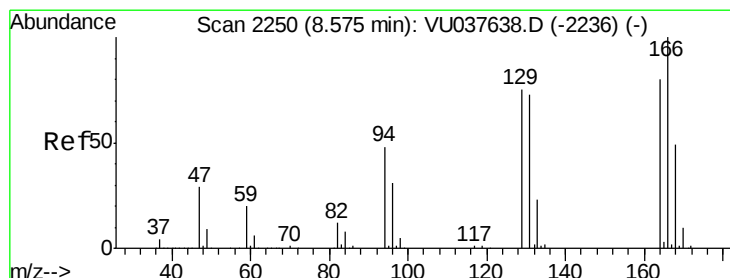
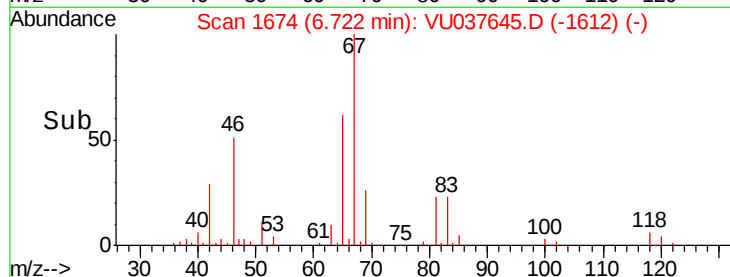
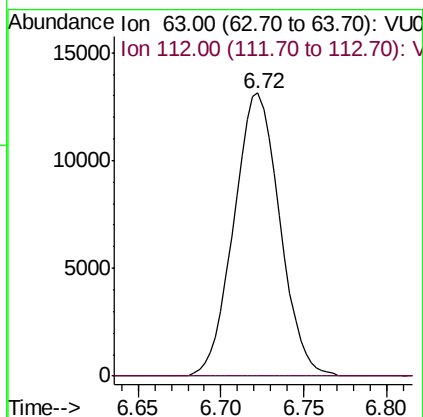
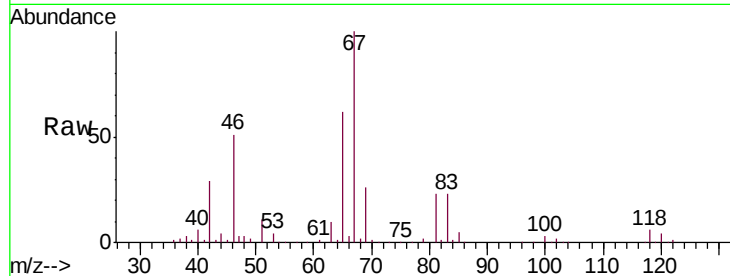




#37
 1,2-Dichloropropane
 Concen: 6.730 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037645.D
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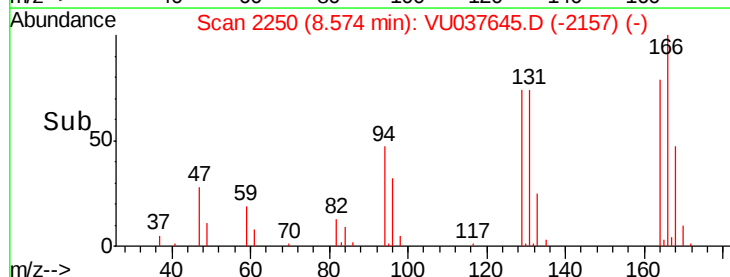
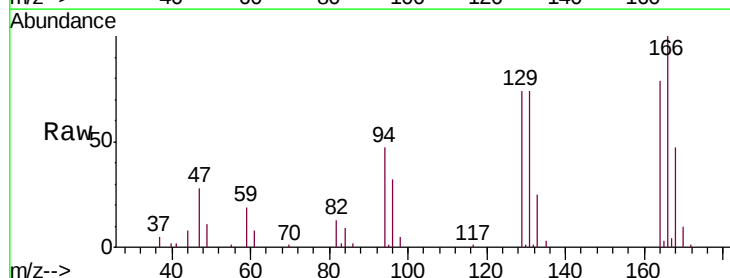
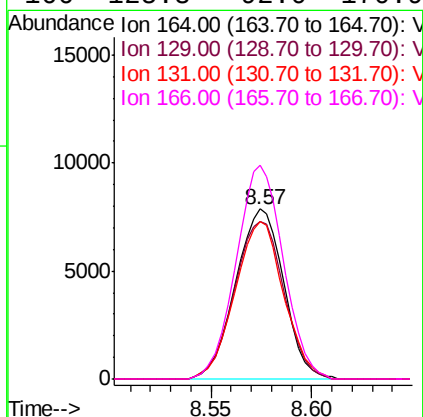
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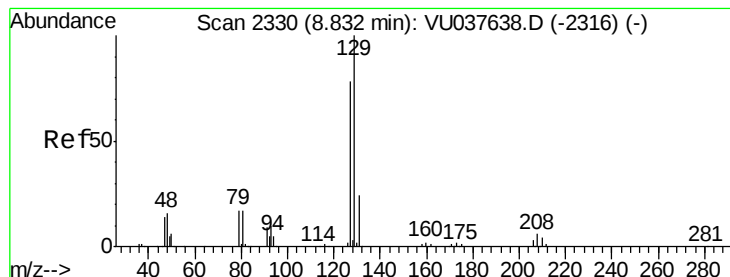
Tgt Ion: 63 Resp: 25294
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#46
 Tetrachloroethene
 Concen: 5.248 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037645.D
 Acq: 10 Apr 2020 02:39

Tgt Ion: 164 Resp: 13149
 Ion Ratio Lower Upper
 164 100
 129 93.0 68.0 126.2
 131 93.0 65.8 122.2
 166 125.8 92.0 170.9





#49

Dibromochloromethane

Concen: 3.498 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU037645.D

Acq: 10 Apr 2020 02:39

Instrument :

MSVOA_U

ClientSampleId :

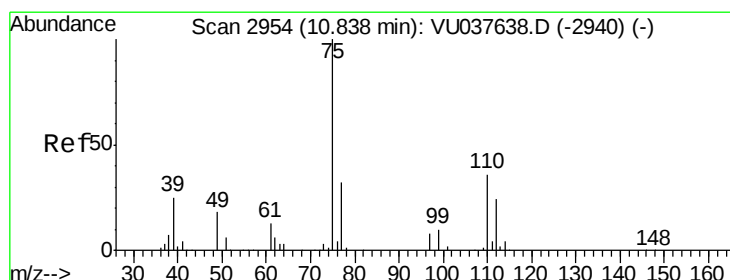
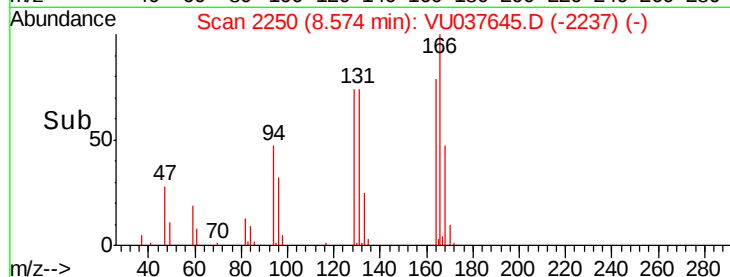
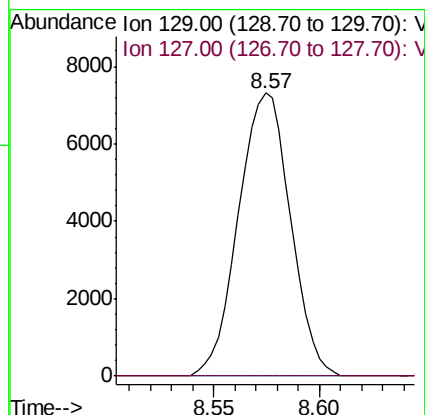
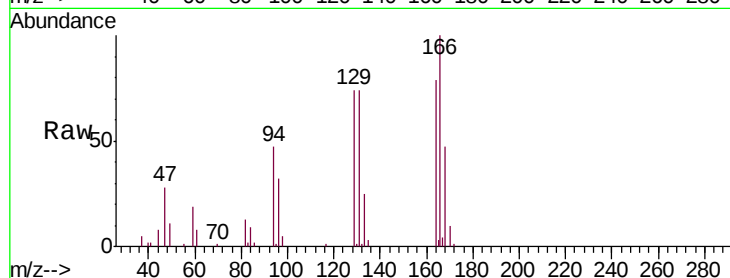
C0ES2

Tgt Ion:129 Resp: 12580

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#59

1,2,3-Trichloropropane

Concen: 5.821 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037645.D

Acq: 10 Apr 2020 02:39

Tgt Ion: 75 Resp: 29723

Ion Ratio Lower Upper

75 100

77 35.8 25.6 38.4

