

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010820\
 Data File : VU036407.D
 Acq On : 08 Jan 2020 15:05
 Operator : JC/MD
 Sample : L1042-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 03:53:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 09 03:50:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	464900	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	430954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	173661	50.00	ug/L	0.00

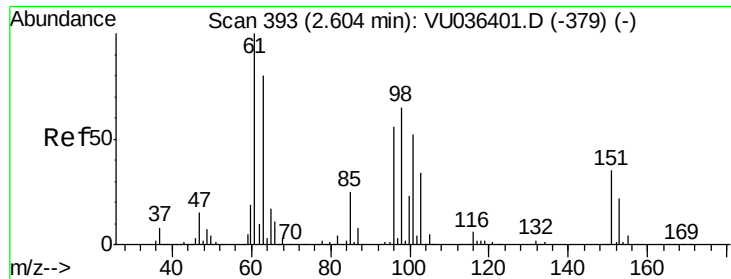
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142194	39.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.50%
7) Chloroethane-d5	1.93	69	130062	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.12%
11) 1,1-Dichloroethene-d2	2.59	63	225172	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	4.68	46	271574	100.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.67%
24) Chloroform-d	5.11	84	312201	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.75	65	217324	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
32) Benzene-d6	5.77	84	629292	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.90%
36) 1,2-Dichloropropane-d6	6.73	67	207966	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.38%
41) Toluene-d8	7.93	98	584355	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%
43) trans-1,3-Dichloropropene-	8.21	79	105471	48.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.62%
47) 2-Hexanone-d5	8.67	63	209486	100.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	299793	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	12.22	152	183371	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2040	0.748	ug/L #	25
12) 1,1-Dichloroethene	2.61	96	3912	1.454	ug/L #	1
13) Acetone	2.66	43	8183	2.925	ug/L	89
34) Trichloroethene	6.58	95	6370	1.952	ug/L	95
44) trans-1,3-Dichloropropene	8.21	75	5415	1.013	ug/L #	73
46) Tetrachloroethene	8.58	164	9286	3.954	ug/L	92
49) Dibromochloromethane	8.58	129	9565	2.437	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	25461	5.294	ug/L	94
69) Naphthalene	14.11	128	100066	10.311	ug/L	100

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



#10

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

Concen: 0.748 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

Instrument :

MSVOA_U

ClientSampleId :

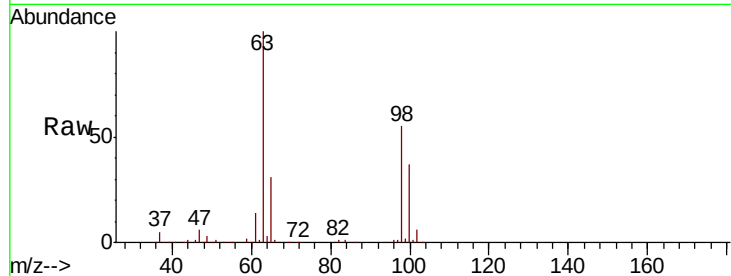
Tot Ion:101 Resp: 2040

Ion Ratio Lower Upper

101 100

85 2.2 37.1 55.7#

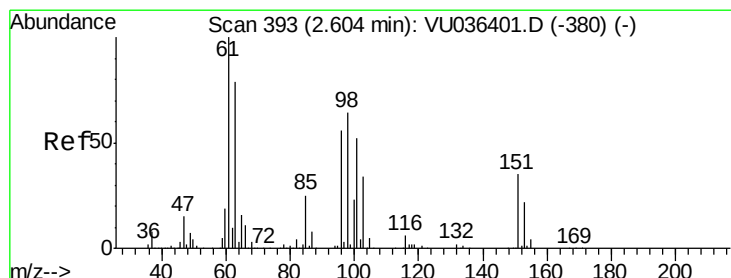
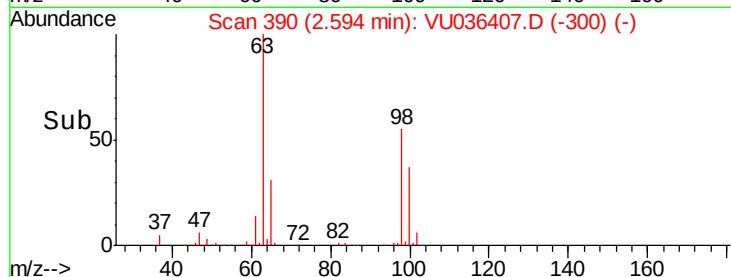
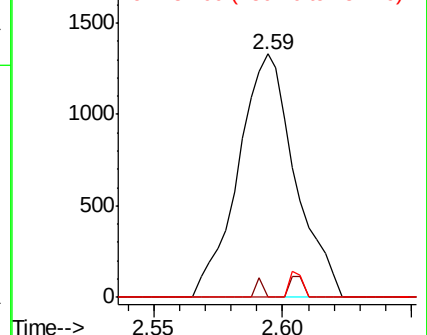
151 2.5 54.3 81.5#



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: 1.454 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

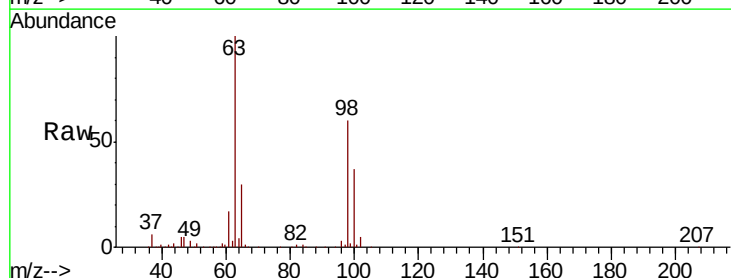
Tgt Ion: 96 Resp: 3912

Ion Ratio Lower Upper

96 100

61 520.3 120.9 224.5#

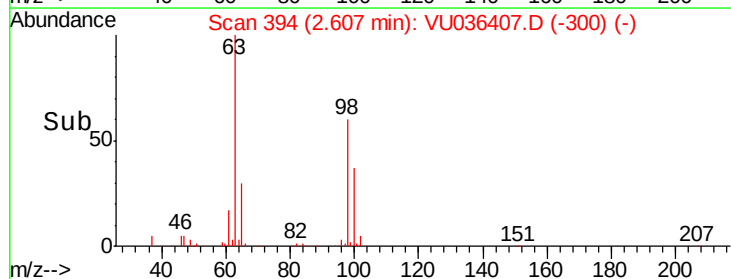
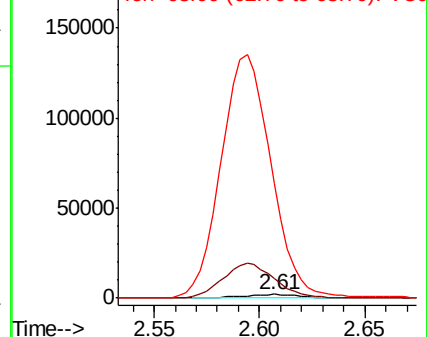
63 3130.4 81.8 152.0#

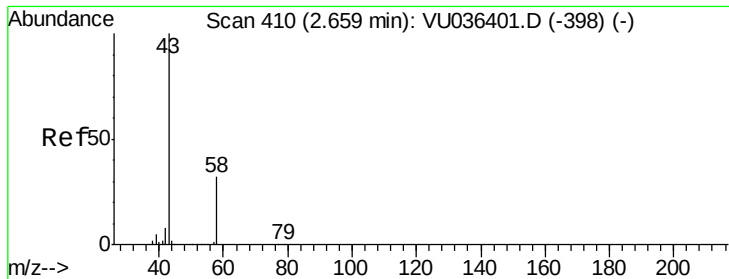


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.925 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

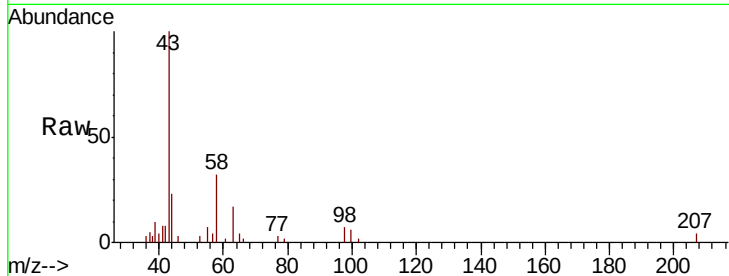
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 8183

Ion Ratio Lower Upper

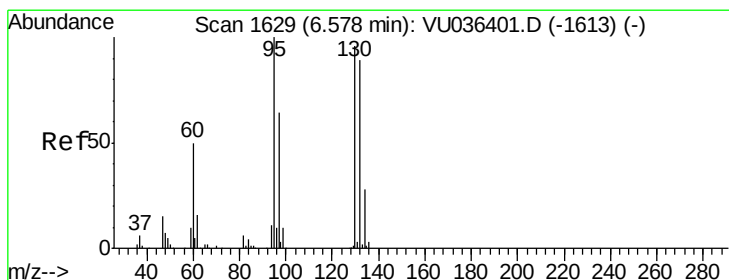
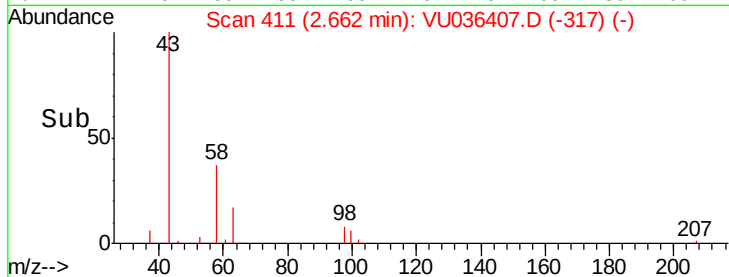
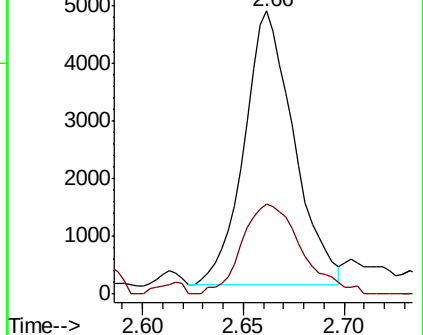
43 100

58 39.1 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU036407.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036407.D (-317) (-)



#34

Trichloroethene

Concen: 1.952 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

Tgt Ion: 95 Resp: 6370

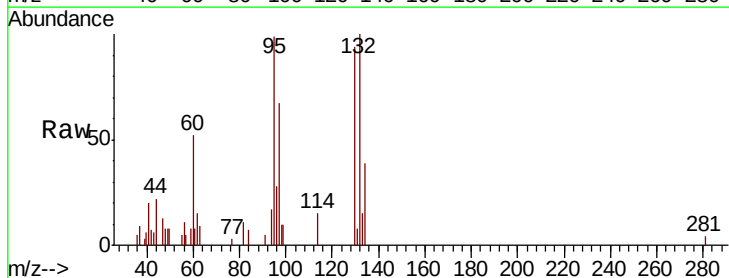
Ion Ratio Lower Upper

95 100

97 68.1 44.5 82.7

132 101.3 64.5 119.9

130 95.0 66.6 123.8

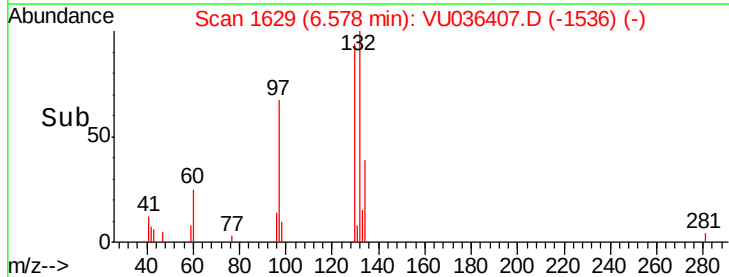
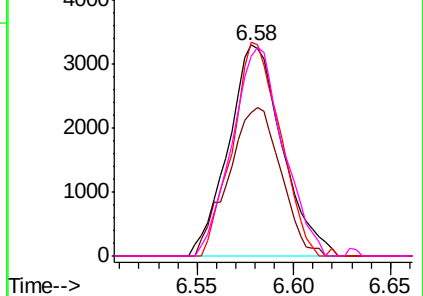


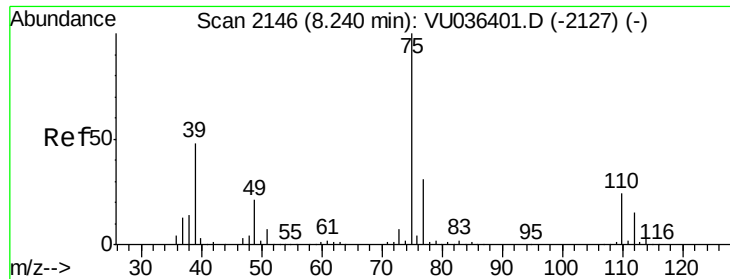
Abundance Ion 95.00 (94.70 to 95.70): VU036407.D (-1536) (-)

Ion 97.00 (96.70 to 97.70): VU036407.D (-1536) (-)

Ion 132.00 (131.70 to 132.70): VU036407.D (-1536) (-)

Ion 130.00 (129.70 to 130.70): VU036407.D (-1536) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.013 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.03 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

Instrument :

MSVOA_U

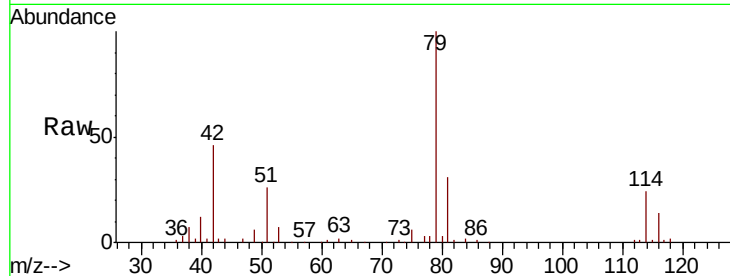
ClientSampleId :

Tot Ion: 75 Resp: 5415

Ion Ratio Lower Upper

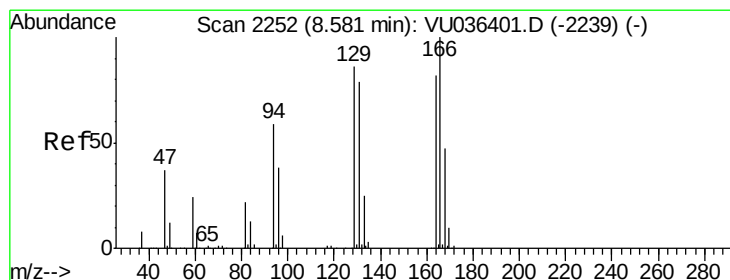
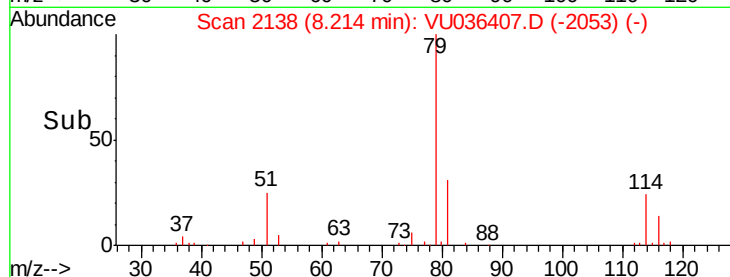
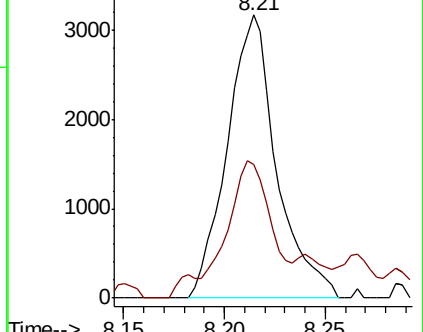
75 100

77 47.3 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU036407.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036407.D (-2127) (-)



#46

Tetrachloroethene

Concen: 3.954 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

Tgt Ion:164 Resp: 9286

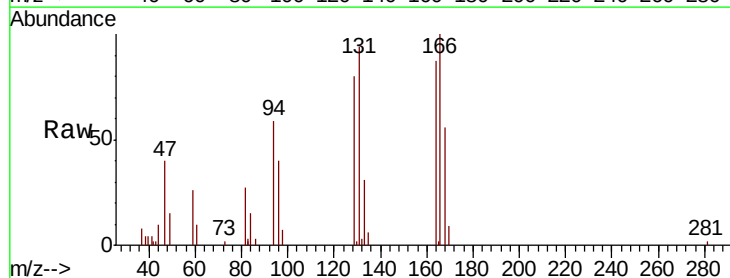
Ion Ratio Lower Upper

164 100

129 92.7 70.0 130.0

131 108.0 70.1 130.1

166 115.2 87.2 161.9

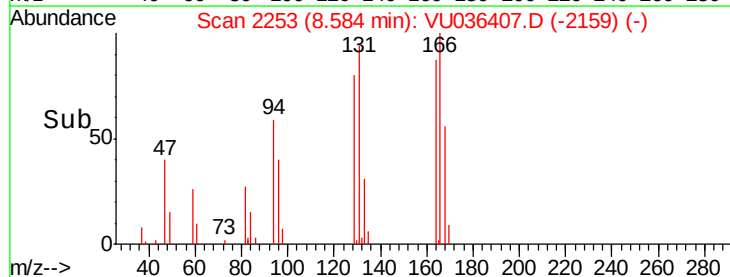
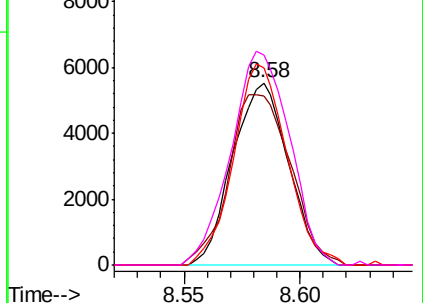


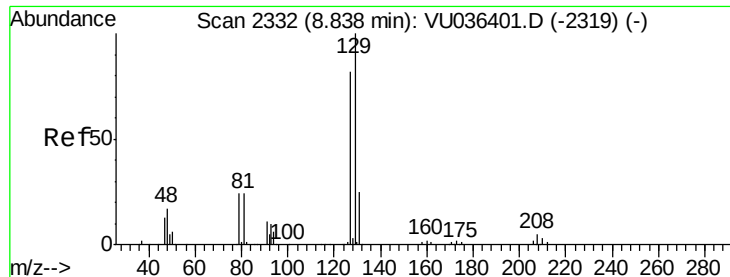
Abundance Ion 164.00 (163.70 to 164.70): VU036407.D (-2239) (-)

Ion 129.00 (128.70 to 129.70): VU036407.D (-2239) (-)

Ion 131.00 (130.70 to 131.70): VU036407.D (-2239) (-)

Ion 166.00 (165.70 to 166.70): VU036407.D (-2239) (-)

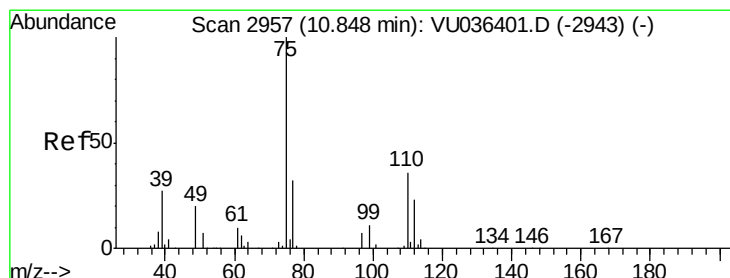
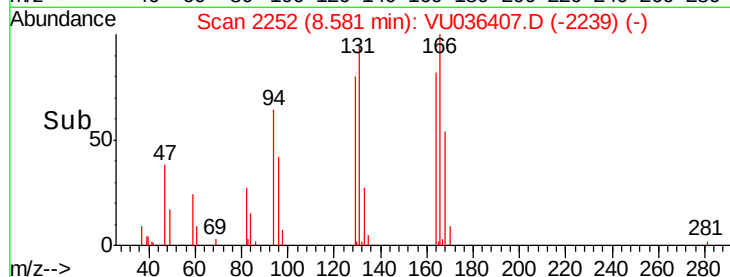
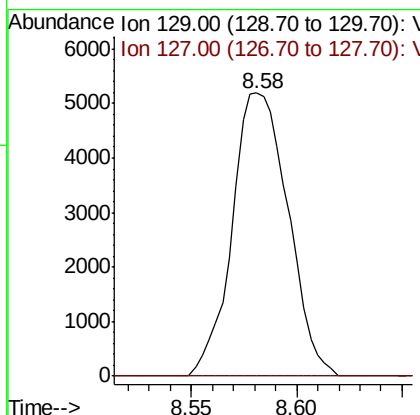
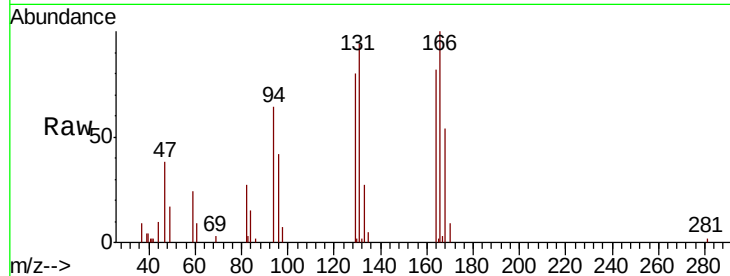




#49
 Dibromochloromethane
 Concen: 2.437 ug/L
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.26 min
 Lab File: VU036407.D
 Acq: 08 Jan 2020 15:05

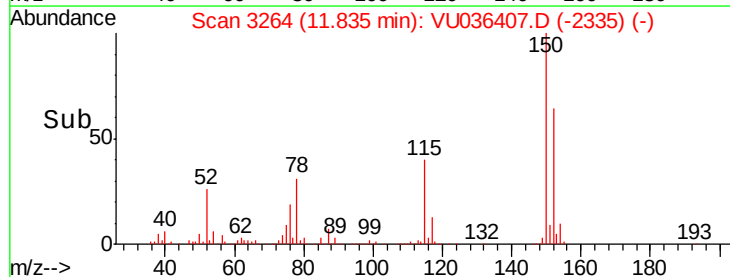
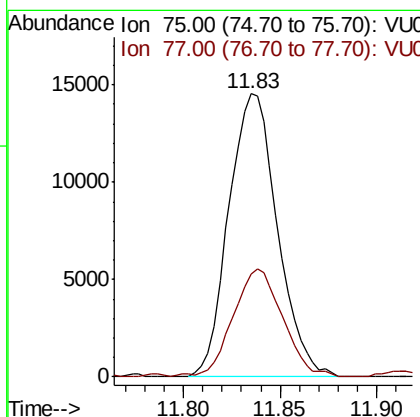
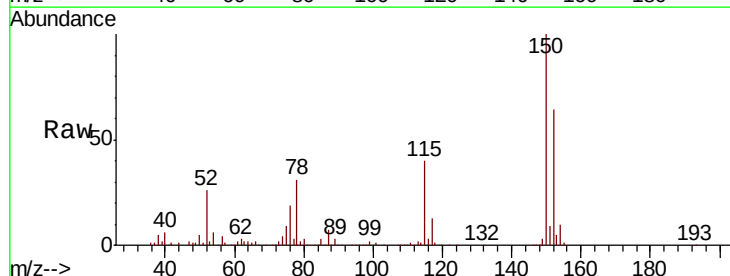
Instrument :
 MSVOA_U
 ClientSampleId :

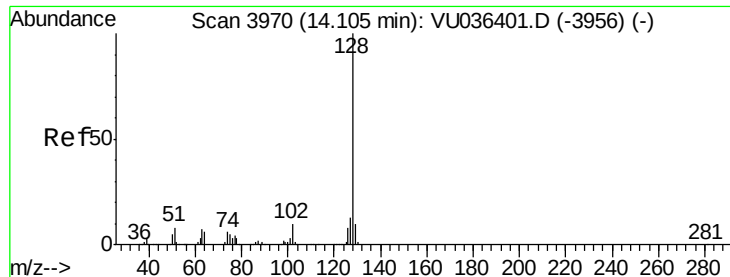
Tot Ion:129 Resp: 9565
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.8 101.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.294 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036407.D
 Acq: 08 Jan 2020 15:05

Tgt Ion: 75 Resp: 25461
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.3 39.5





#69

Naphthalene

Concen: 10.311 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. 0.00 min

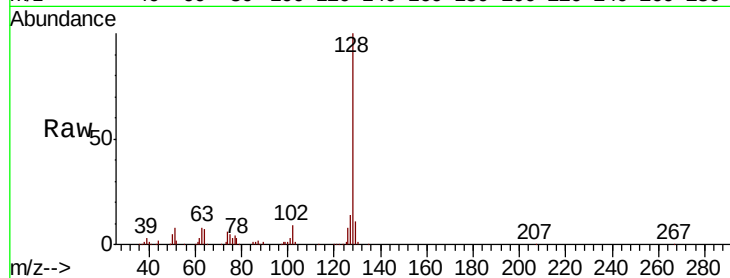
Lab File: VU036407.D

Acq: 08 Jan 2020 15:05

Instrument :

MSVOA_U

ClientSampleId :



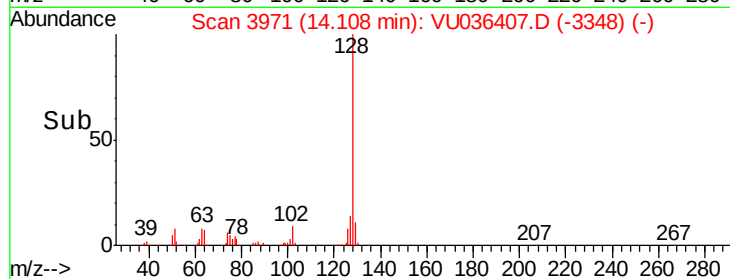
Tot Ion:128 Resp: 100066

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

