

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036481.D
 Acq On : 15 Jan 2020 20:54
 Operator : JC/MD
 Sample : VU0115MBL01
 Misc : 5.00G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:54:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 06:52:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	484945	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	455569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	162812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	156408	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.50%
7) Chloroethane-d5	1.93	69	138411	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.70%
11) 1,1-Dichloroethene-d2	2.59	63	219592	36.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.74%
21) 2-Butanone-d5	4.68	46	274486	101.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.54%
24) Chloroform-d	5.11	84	299007	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.74	65	208817	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
32) Benzene-d6	5.77	84	581967	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.70%
36) 1,2-Dichloropropane-d6	6.73	67	198456	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.44%
41) Toluene-d8	7.93	98	538009	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%
43) trans-1,3-Dichloropropene-	8.21	79	101194	48.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.96%
47) 2-Hexanone-d5	8.67	63	191565	96.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.47%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	279563	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	12.22	152	157648	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%

Target Compounds

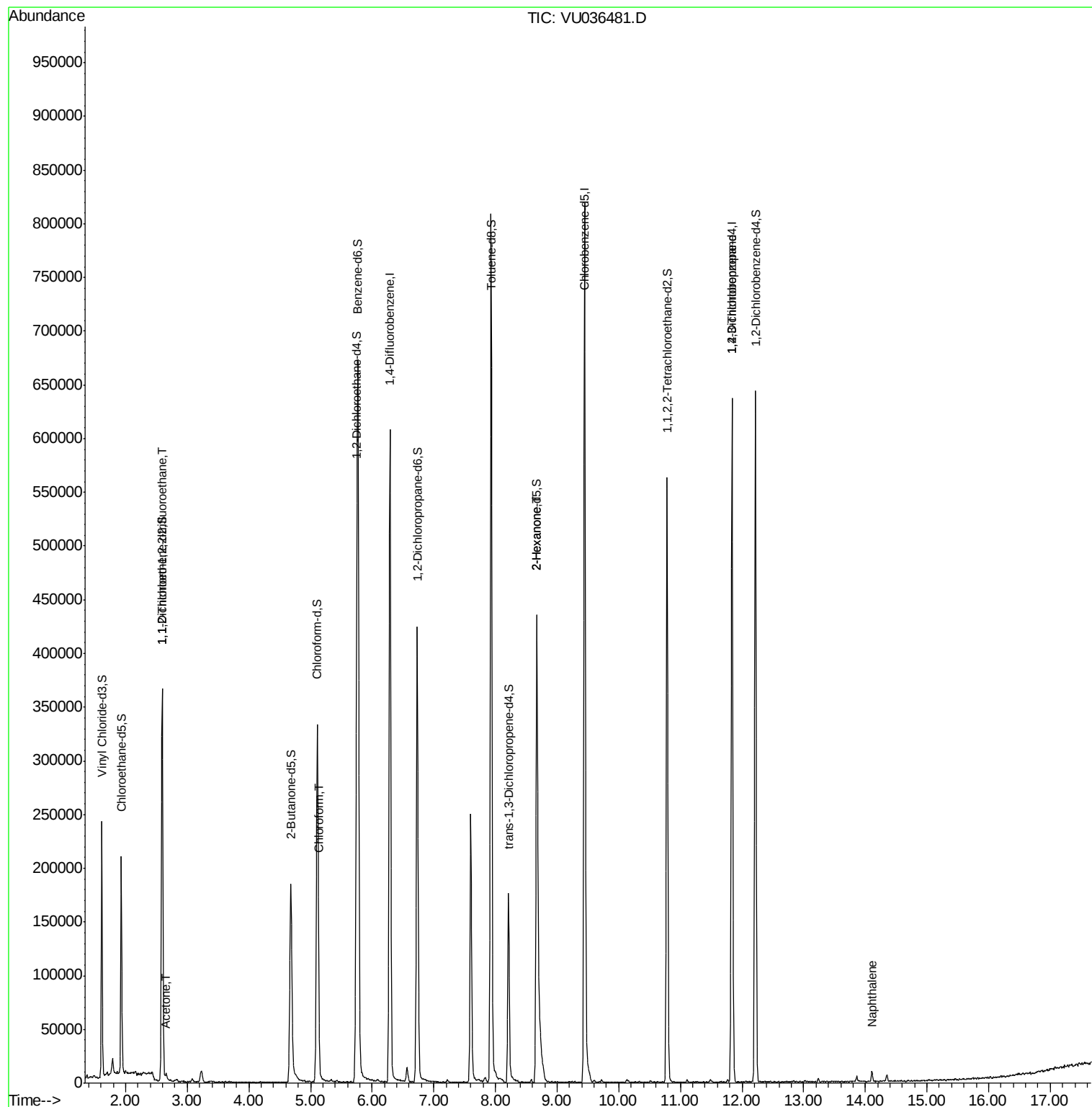
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2371	0.820	ug/L #	24
13) Acetone	2.66	43	6625	2.265	ug/L	85
25) Chloroform	5.14	83	9452	1.494	ug/L	78
48) 2-Hexanone	8.67	43	20017	4.535	ug/L #	71
59) 1,2,3-Trichloropropane	11.84	75	24559	5.133	ug/L	89
69) Naphthalene	14.11	128	7534	0.976	ug/L #	91

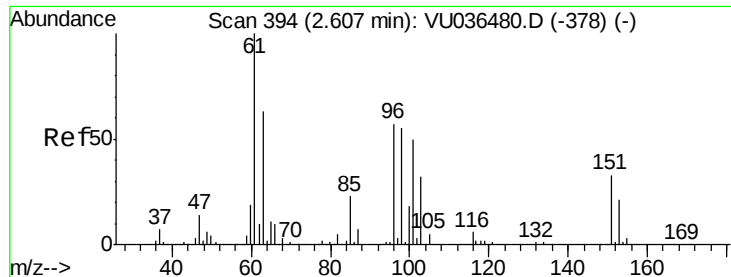
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011520\
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Acq On : 15 Jan 2020 20:54
Operator : JC/MD
Sample : VU0115MBL01
Misc : 5.00G/5.0mL/100uL/5.0mL/MSVOA_U/METHANOL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 06:54:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 16 06:52:15 2020
Response via : Initial Calibration





#10

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

Concen: 0.820 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036481.D

Acq: 15 Jan 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

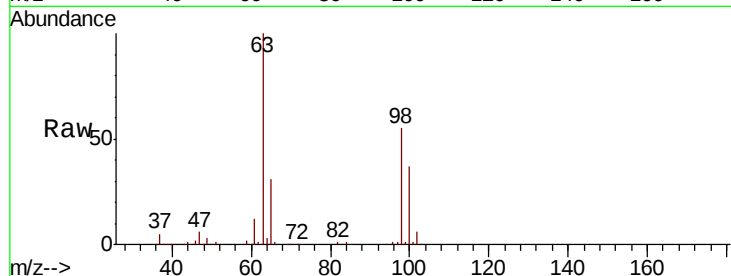
Tot Ion:101 Resp: 2371

Ion Ratio Lower Upper

101 100

85 2.2 36.7 55.1#

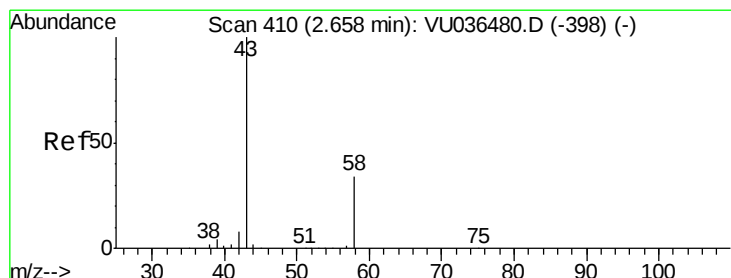
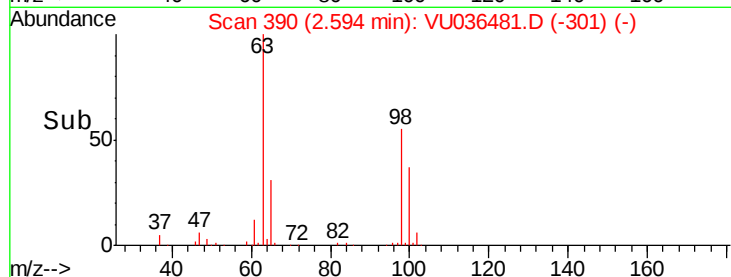
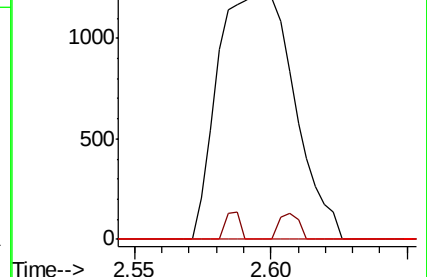
151 0.0 53.3 79.9#



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



#13

Acetone

Concen: 2.265 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036481.D

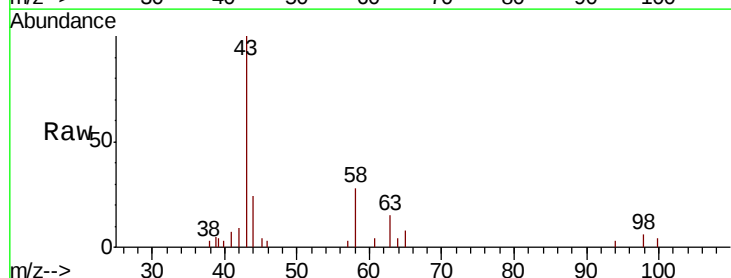
Acq: 15 Jan 2020 20:54

Tgt Ion: 43 Resp: 6625

Ion Ratio Lower Upper

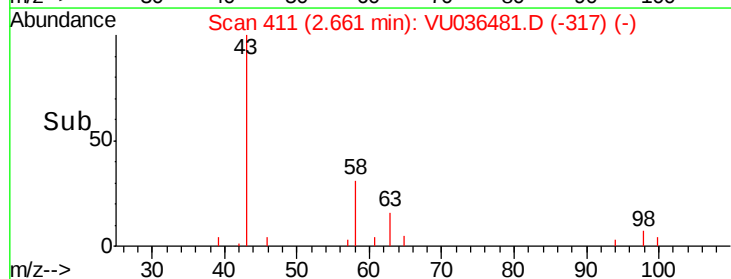
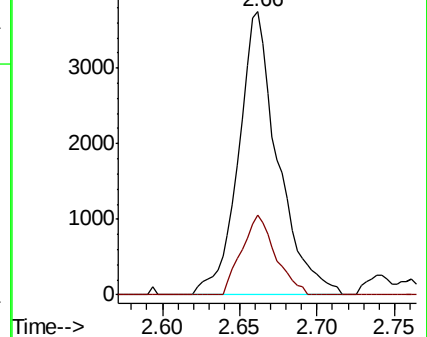
43 100

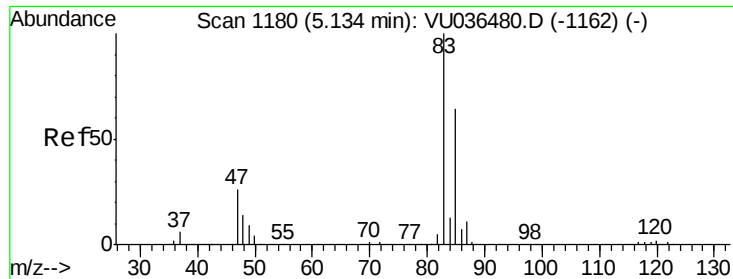
58 24.1 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

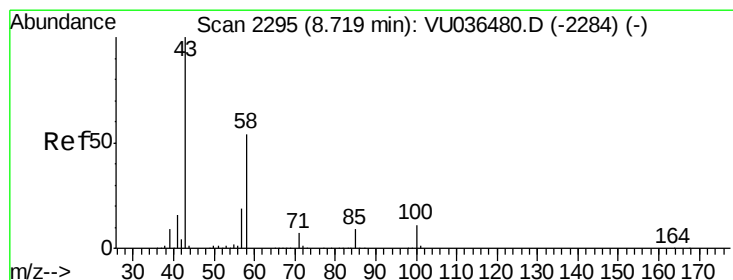
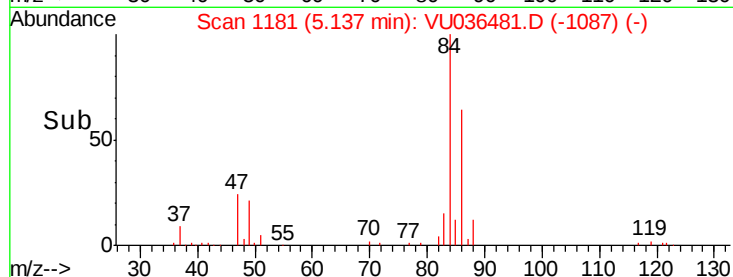
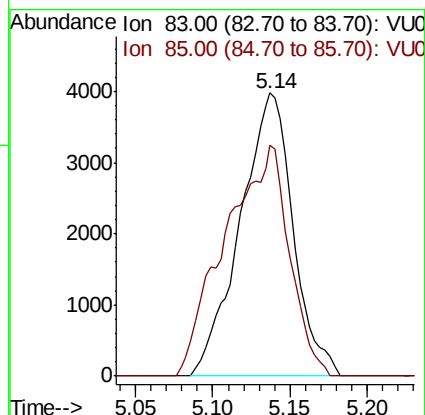
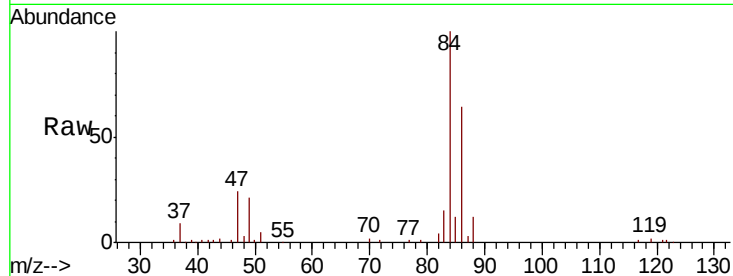




#25
Chloroform
Concen: 1.494 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036481.D
Acq: 15 Jan 2020 20:54

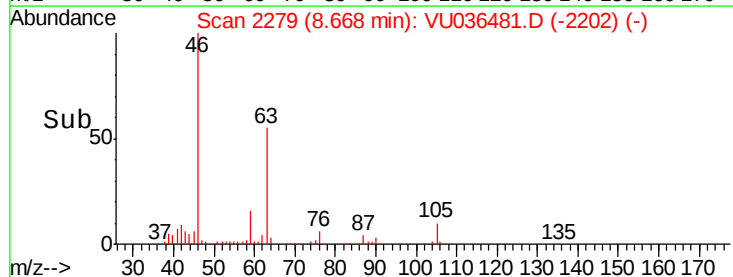
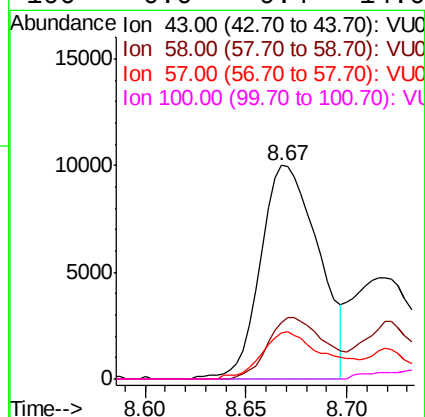
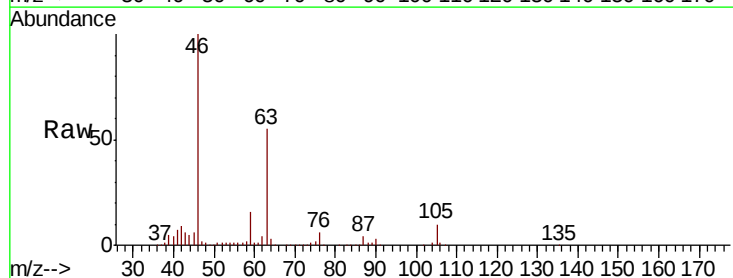
Instrument :
MSVOA_U
ClientSampleId :

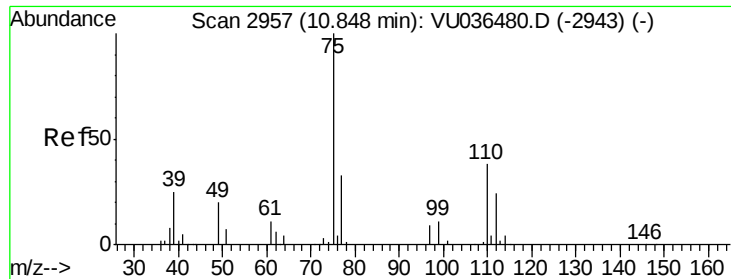
Tot Ion: 83 Resp: 9452
Ion Ratio Lower Upper
83 100
85 81.8 45.1 83.9



#48
2-Hexanone
Concen: 4.535 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.05 min
Lab File: VU036481.D
Acq: 15 Jan 2020 20:54

Tgt Ion: 43 Resp: 20017
Ion Ratio Lower Upper
43 100
58 28.9 43.7 65.5#
57 21.8 14.7 22.1
100 0.0 9.4 14.0#

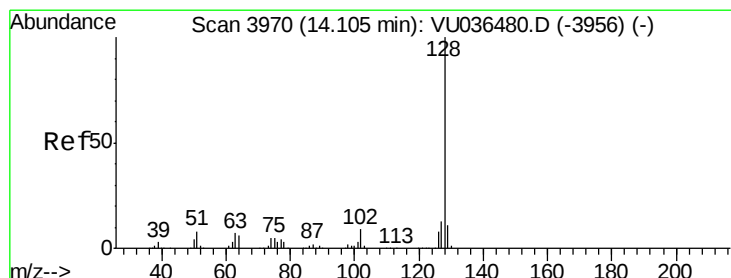
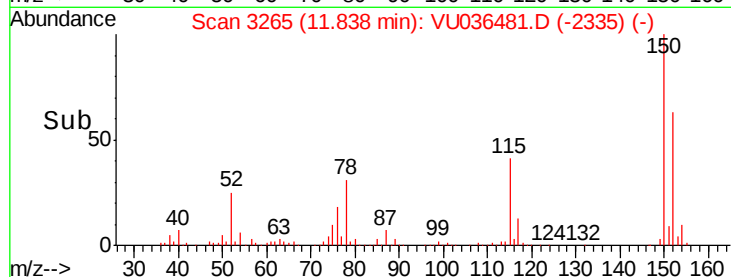
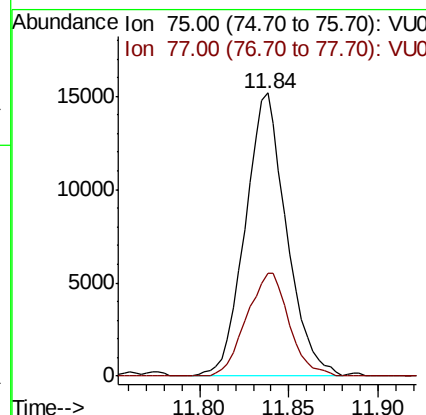
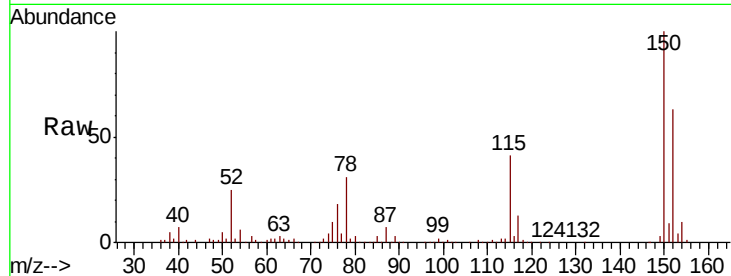




#59
 1,2,3-Trichloropropane
 Concen: 5.133 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036481.D
 Acq: 15 Jan 2020 20:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 24559
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.0 37.4



#69
 Naphthalene
 Concen: 0.976 ug/L
 RT: 14.11 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: VU036481.D
 Acq: 15 Jan 2020 20:54

Tgt Ion: 128 Resp: 7534
 Ion Ratio Lower Upper
 128 100
 127 9.6 10.0 15.0#
 129 6.7 8.6 12.8#

