

Data File : VU035641.D
Acq On : 06 Nov 2019 12:46
Operator : JC/SP
Sample : K5697-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA7

Quant Time: Nov 07 04:50:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	674604	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	650117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	208670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	209359	38.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.86%
7) Chloroethane-d5	1.93	69	195676	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.94%
11) 1,1-Dichloroethene-d2	2.59	63	281702	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	4.69	46	305580	96.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.01%
24) Chloroform-d	5.11	84	415822	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	5.75	65	267974	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
32) Benzene-d6	5.77	84	895546	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.68%
36) 1,2-Dichloropropane-d6	6.73	67	291636	53.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.14%
41) Toluene-d8	7.93	98	826978	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%
43) trans-1,3-Dichloropropene-	8.21	79	134833	53.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.52%
47) 2-Hexanone-d5	8.68	63	209574	99.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	387901	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	12.22	152	225283	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

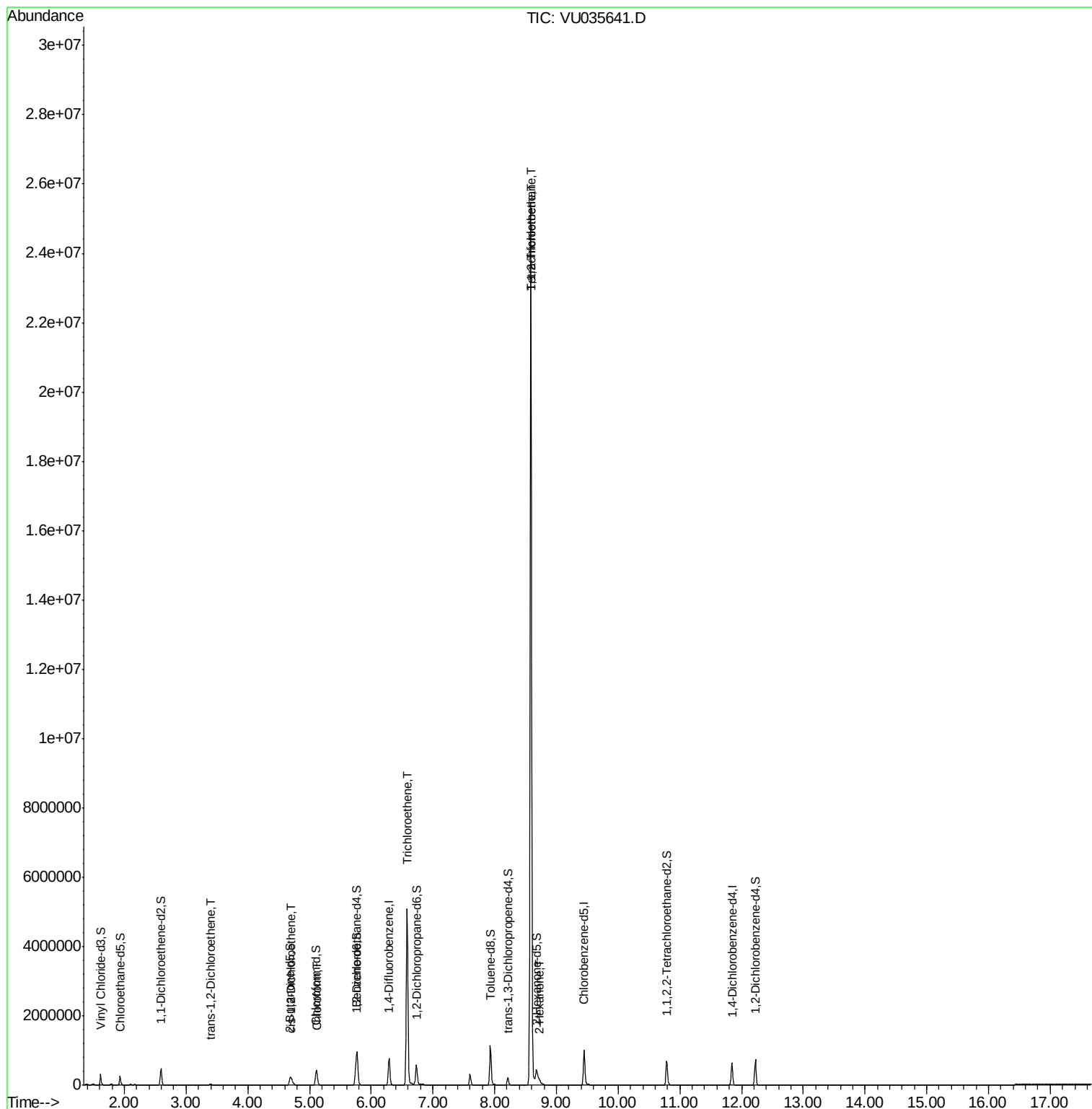
					Qvalue
17) trans-1,2-Dichloroethene	3.39	96	11757	2.709 ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	58352	11.921 ug/L	97
25) Chloroform	5.13	83	17494	2.058 ug/L	90
34) Trichloroethene	6.58	95	1737692	374.099 ug/L	98
45) 1,1,2-Trichloroethane	8.58	97	43562	9.289 ug/L #	1
46) Tetrachloroethene	8.59	164	6122699	1576.401 ug/L	99
48) 2-Hexanone	8.73	43	20418	3.836 ug/L #	79

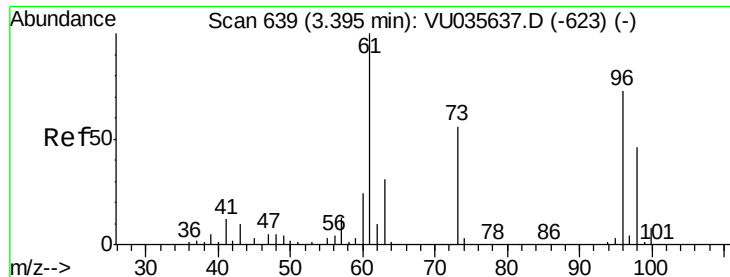
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035641.D
Acq On : 06 Nov 2019 12:46
Operator : JC/SP
Sample : K5697-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA7

Quant Time: Nov 07 04:50:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 07 04:46:39 2019
Response via : Initial Calibration

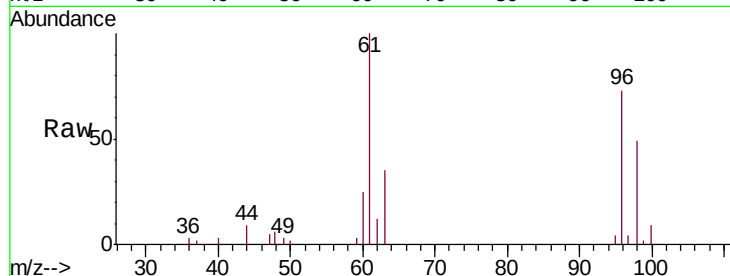




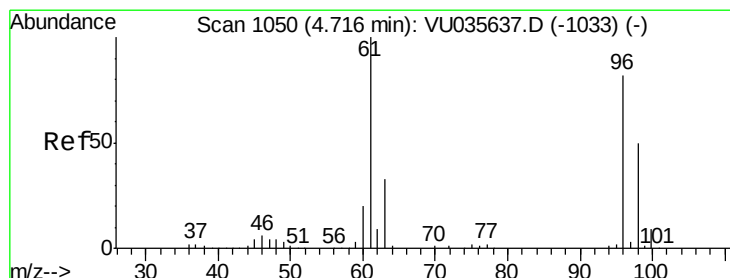
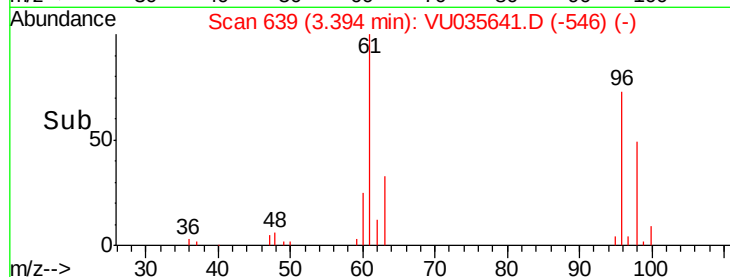
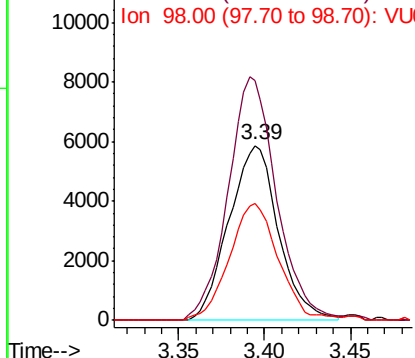
#17
trans-1,2-Dichloroethene
Concen: 2.709 ug/L
RT: 3.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: VU035641.D
Acq: 06 Nov 2019 12:46

Instrument :
MSVOA_U
ClientSampleId :
H0AA7

Tgt Ion: 96 Resp: 11757
Ion Ratio Lower Upper
96 100
61 137.4 95.3 176.9
98 66.9 44.0 81.8

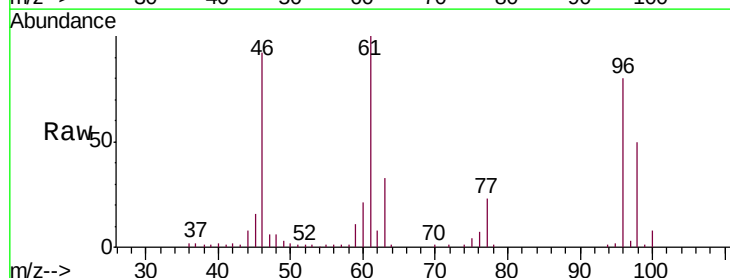


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

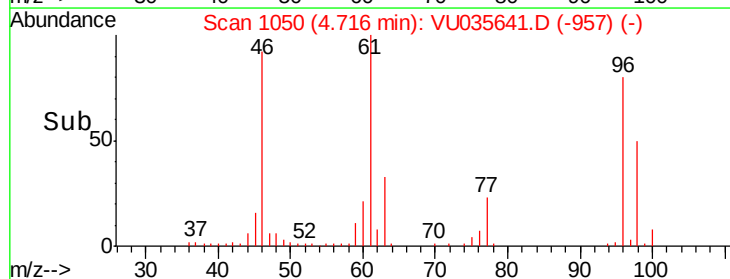
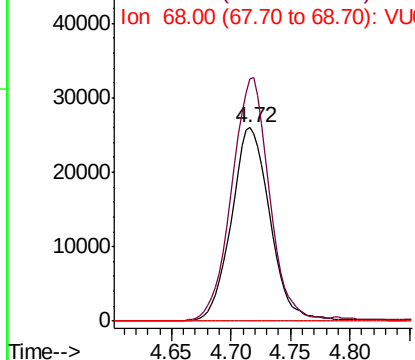


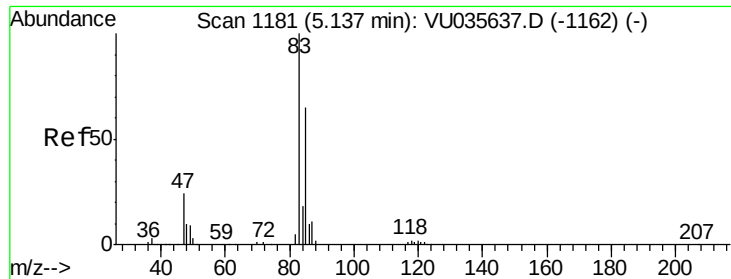
#20
cis-1,2-Dichloroethene
Concen: 11.921 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035641.D
Acq: 06 Nov 2019 12:46

Tgt Ion: 96 Resp: 58352
Ion Ratio Lower Upper
96 100
61 125.6 90.6 168.3
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

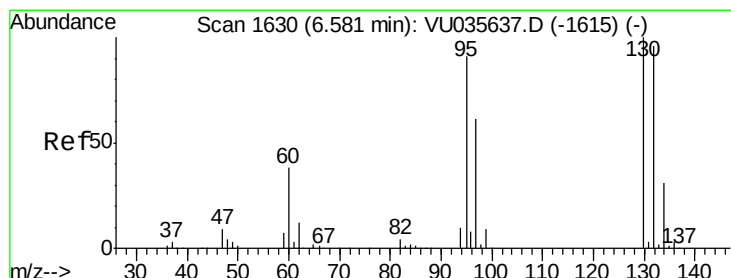
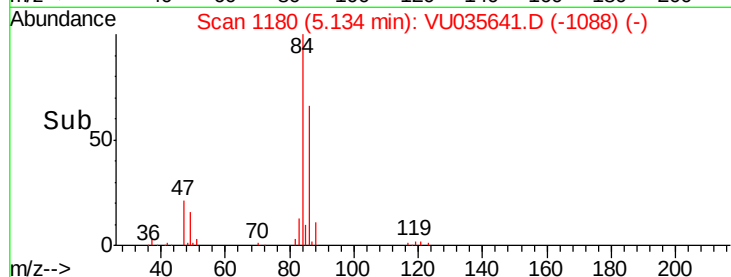
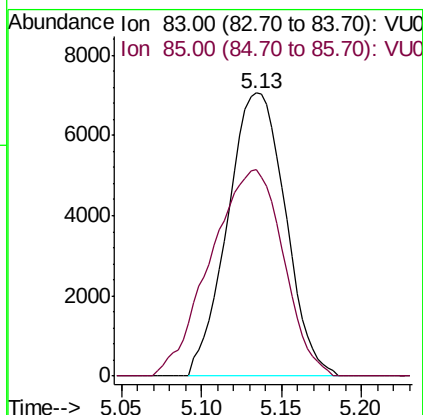
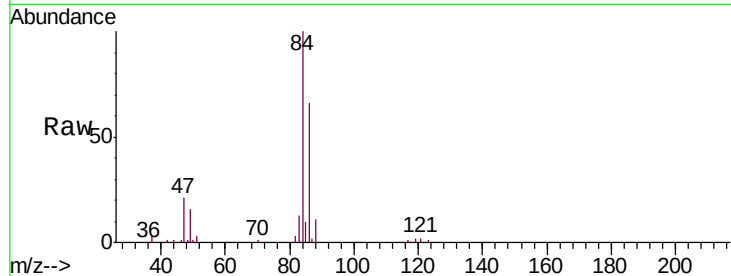




#25
Chloroform
Concen: 2.058 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035641.D
Acq: 06 Nov 2019 12:46

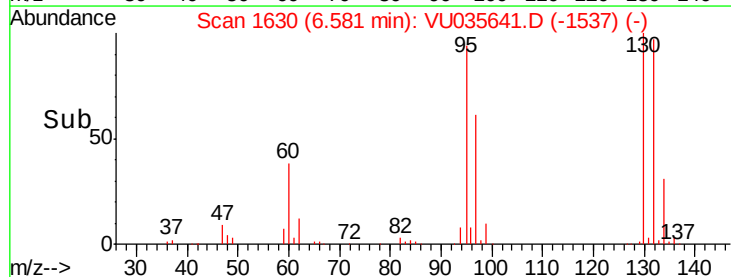
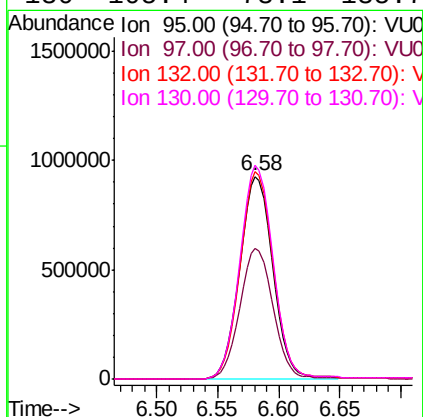
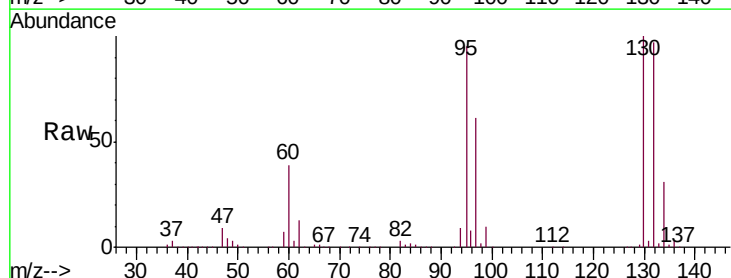
Instrument :
MSVOA_U
ClientSampleId :
H0AA7

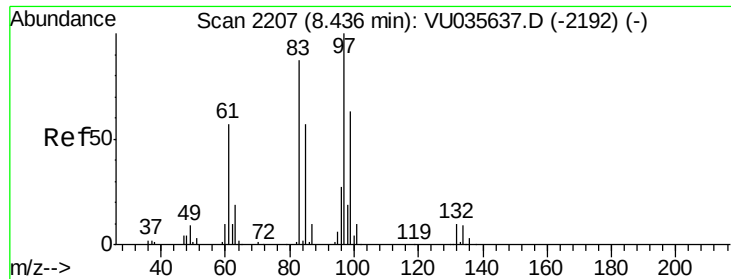
Tgt Ion: 83 Resp: 17494
Ion Ratio Lower Upper
83 100
85 72.8 45.4 84.4



#34
Trichloroethene
Concen: 374.099 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035641.D
Acq: 06 Nov 2019 12:46

Tgt Ion: 95 Resp: 1737692
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.6
132 102.6 69.9 129.7
130 105.4 73.1 135.7

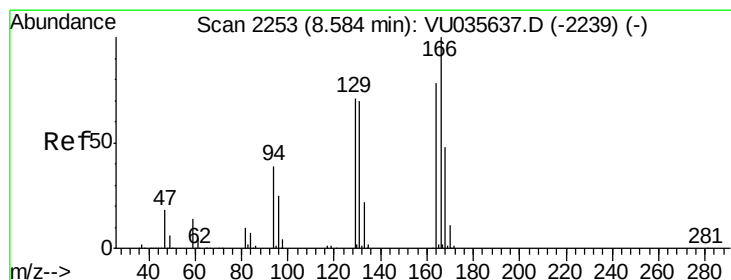
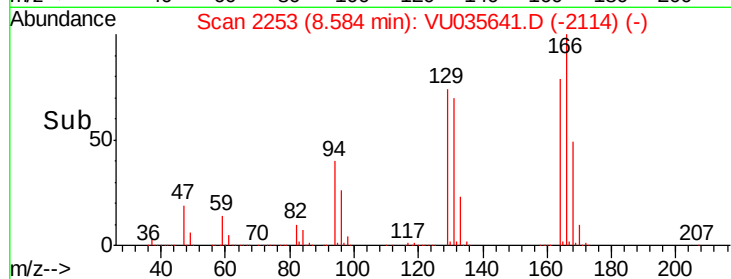
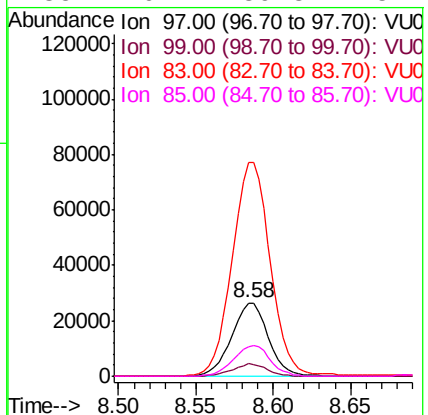
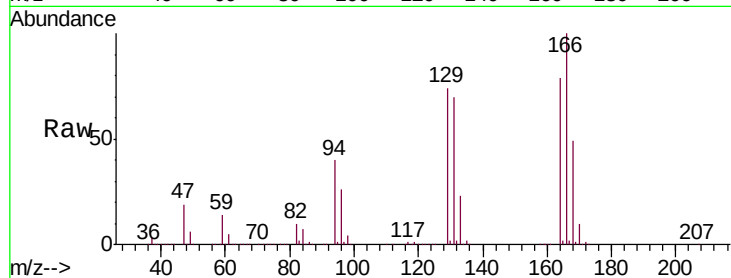




#45
 1,1,2-Trichloroethane
 Concen: 9.289 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.15 min
 Lab File: VU035641.D
 Acq: 06 Nov 2019 12:46

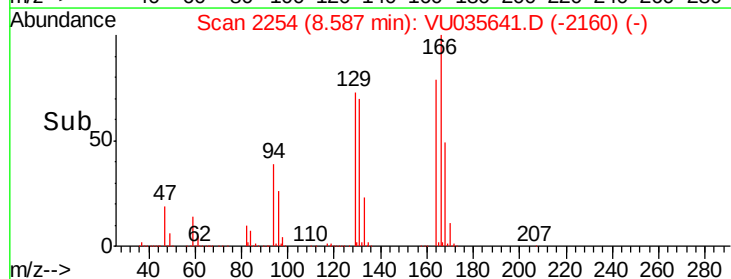
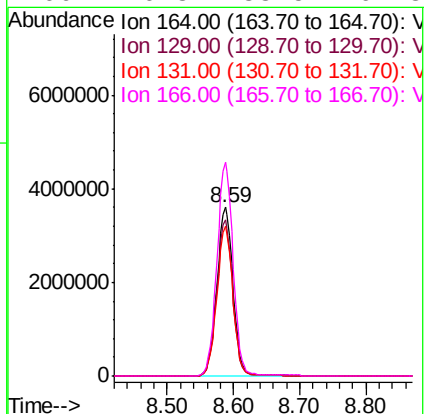
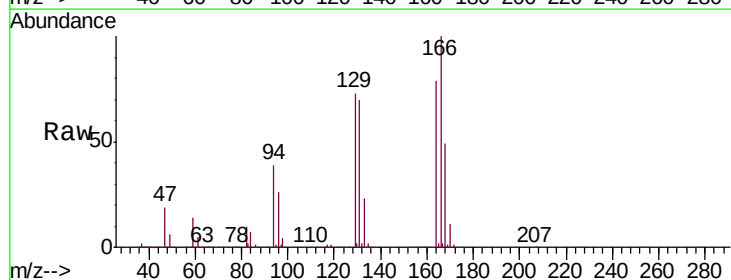
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA7

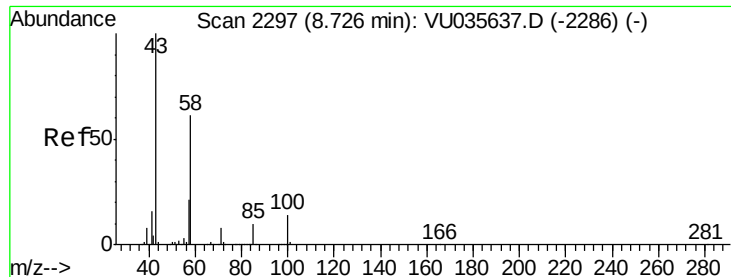
Tgt Ion: 97 Resp: 43562
 Ion Ratio Lower Upper
 97 100
 99 16.7 44.2 82.2#
 83 290.9 61.5 114.3#
 85 40.1 39.3 73.1



#46
 Tetrachloroethene
 Concen: 1576.401 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU035641.D
 Acq: 06 Nov 2019 12:46

Tgt Ion: 164 Resp: 6122699
 Ion Ratio Lower Upper
 164 100
 129 92.7 64.1 119.1
 131 88.6 63.1 117.1
 166 126.8 88.5 164.3





#48

2-Hexanone

Concen: 3.836 ug/L

RT: 8.73 min Scan# 2298

Delta R.T. 0.00 min

Lab File: VU035641.D

Acq: 06 Nov 2019 12:46

Instrument :

MSVOA_U

ClientSampleId :

H0AA7

Tgt Ion: 43 Resp: 20418

Ion Ratio Lower Upper

43 100

58 51.5 50.4 75.6

57 0.0 17.4 26.0#

100 9.0 10.5 15.7#

