

Data File : VU035419.D
Acq On : 23 Oct 2019 19:14
Operator : JC/SP
Sample : K5461-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 24 05:24:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	229825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	242092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84104	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.93	69	77345	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.80%
11) 1,1-Dichloroethene-d2	2.59	63	110631	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.71	46	212168	52.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.36%
24) Chloroform-d	5.11	84	148476	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.75	65	82095	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.77	84	278492	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.74	67	96578	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.93	98	230928	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.22	79	33935	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.68	63	150202	39.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	79215	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	79033	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

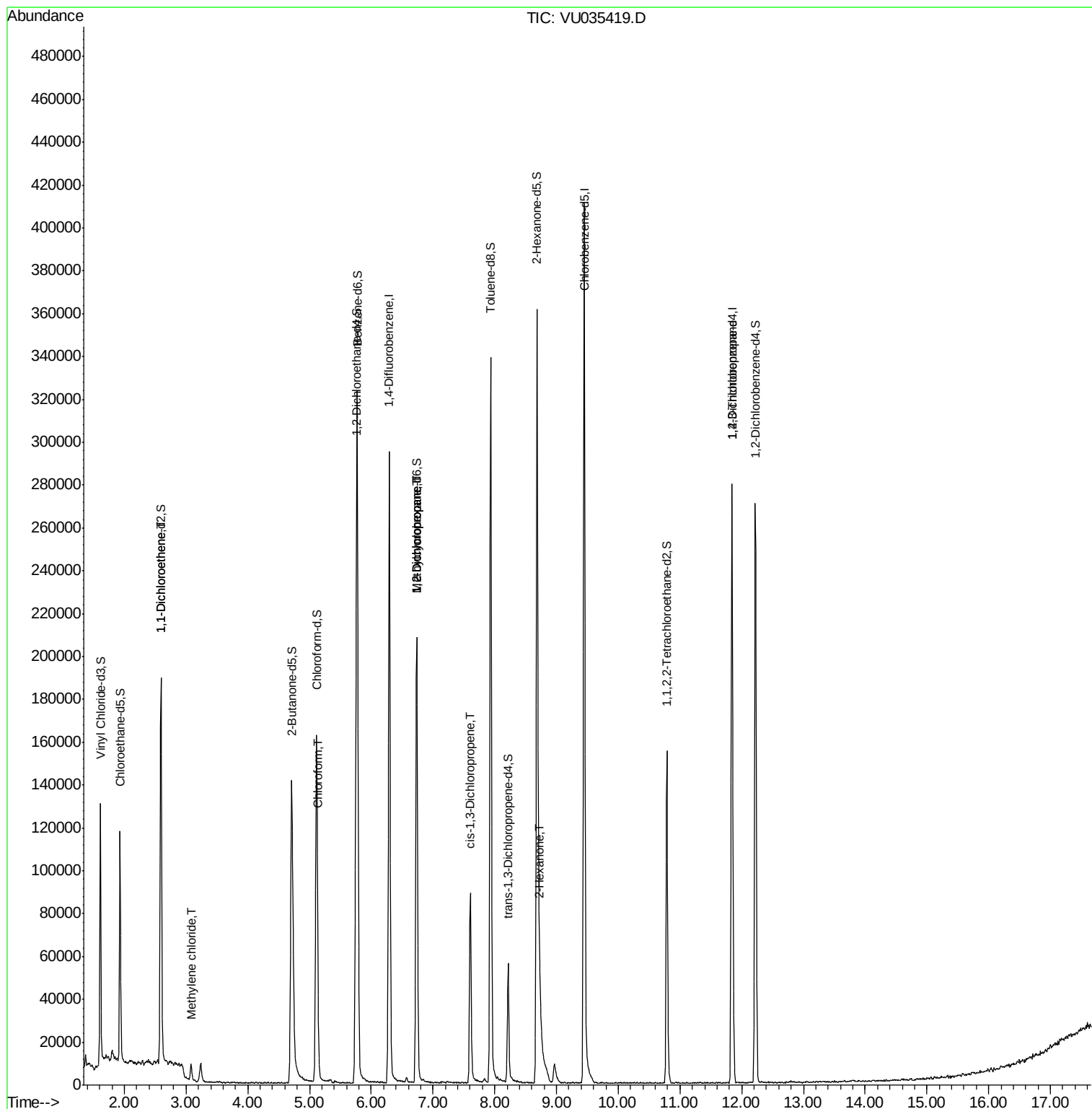
					Qvalue
12) 1,1-Dichloroethene	2.59	96	925	0.063 ug/L #	1
16) Methylene chloride	3.08	84	3390	0.191 ug/L	90
25) Chloroform	5.14	83	7559	0.239 ug/L	89
35) Methylcyclohexane	6.74	83	22340	0.698 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10540	0.583 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2382	0.079 ug/L #	23
48) 2-Hexanone	8.73	43	10350	1.209 ug/L #	87
59) 1,2,3-Trichloropropane	11.84	75	10573	0.839 ug/L	89

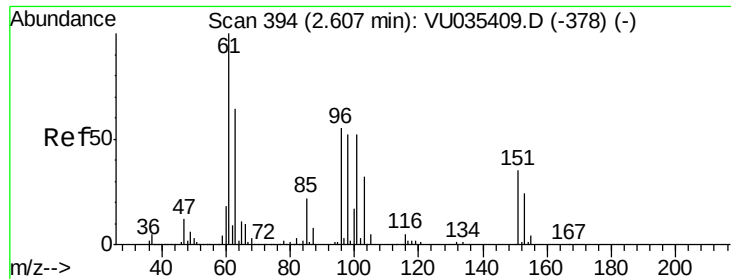
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035419.D
Acq On : 23 Oct 2019 19:14
Operator : JC/SP
Sample : K5461-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Oct 24 05:24:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 24 05:20:56 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.063 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU035419.D

Acq: 23 Oct 2019 19:14

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

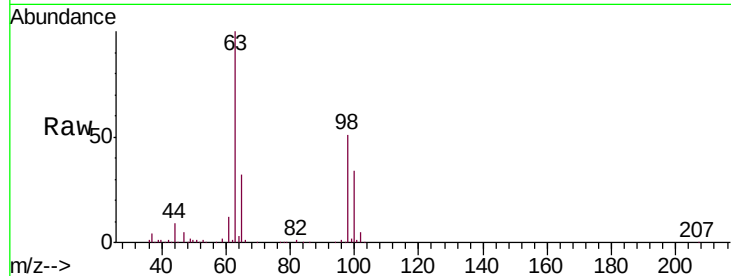
Tgt Ion: 96 Resp: 925

Ion Ratio Lower Upper

96 100

61 1276.8 120.6 224.0#

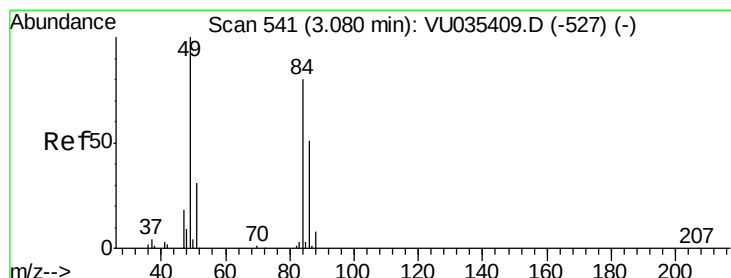
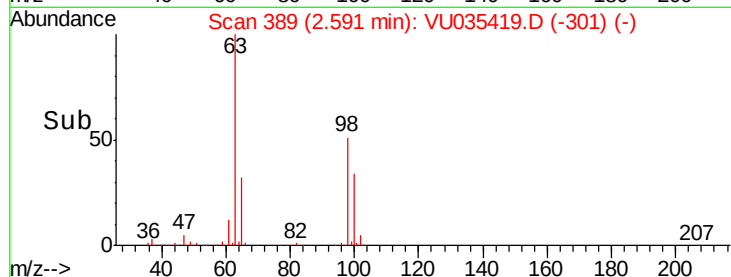
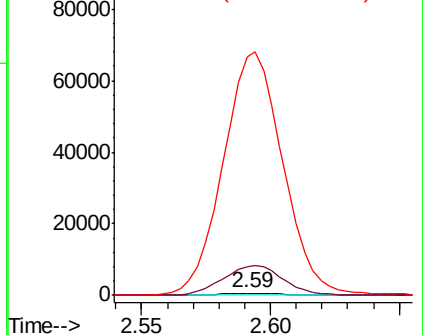
63 10707.7 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035419.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VU035419.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VU035419.D (-378) (-)



#16

Methylene chloride

Concen: 0.191 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU035419.D

Acq: 23 Oct 2019 19:14

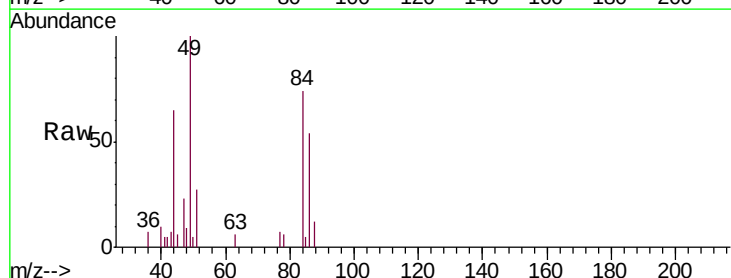
Tgt Ion: 84 Resp: 3390

Ion Ratio Lower Upper

84 100

86 72.8 45.4 84.2

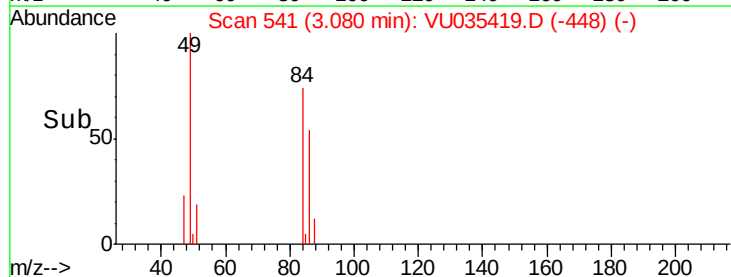
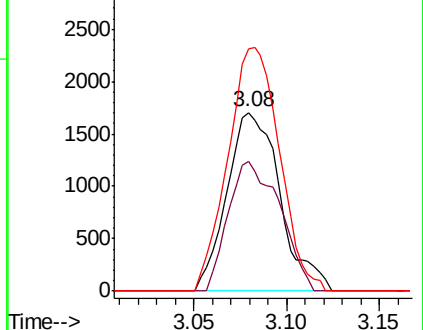
49 135.8 86.8 161.2

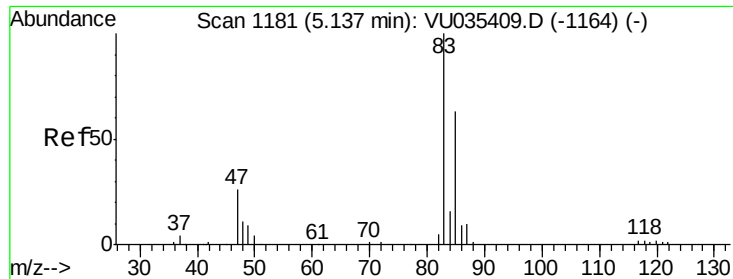


Abundance Ion 84.05 (83.75 to 84.75): VU035419.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU035419.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU035419.D (-527) (-)

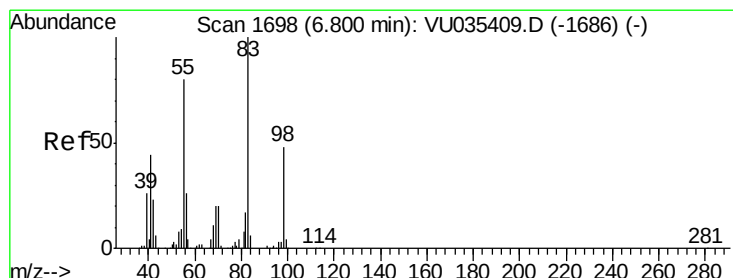
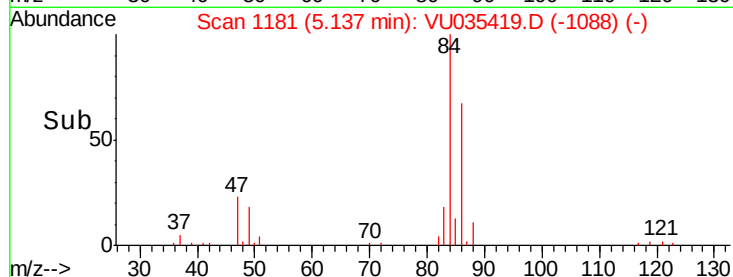
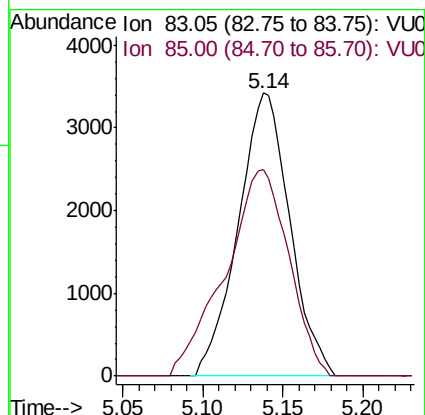
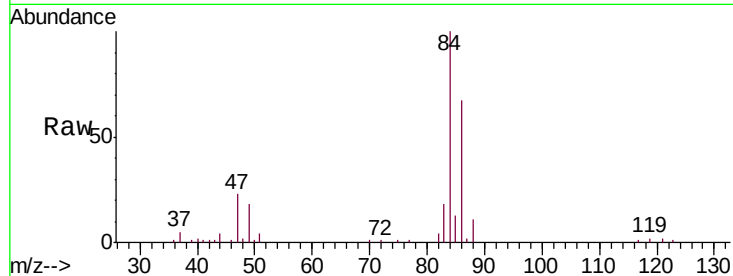




#25
Chloroform
Concen: 0.239 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035419.D
Acq: 23 Oct 2019 19:14

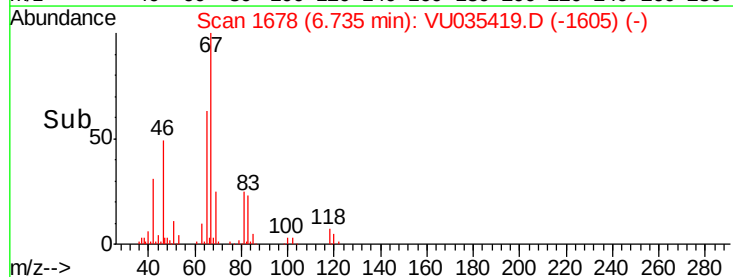
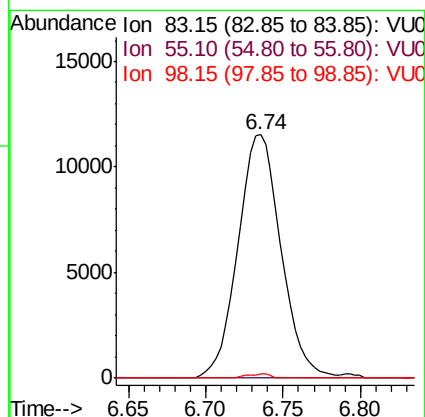
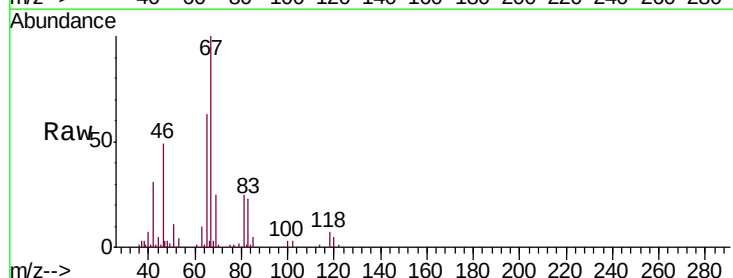
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

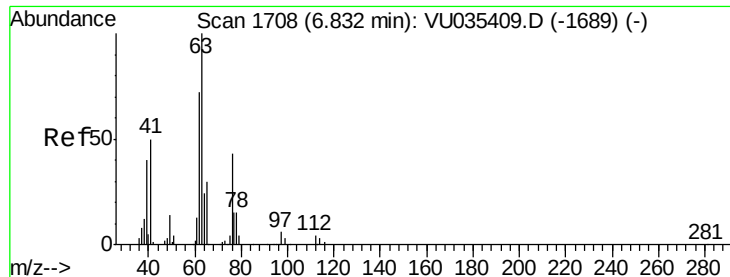
Tgt Ion: 83 Resp: 7559
Ion Ratio Lower Upper
83 100
85 73.1 45.1 83.9



#35
Methylcyclohexane
Concen: 0.698 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035419.D
Acq: 23 Oct 2019 19:14

Tgt Ion: 83 Resp: 22340
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.9 39.5 59.3#

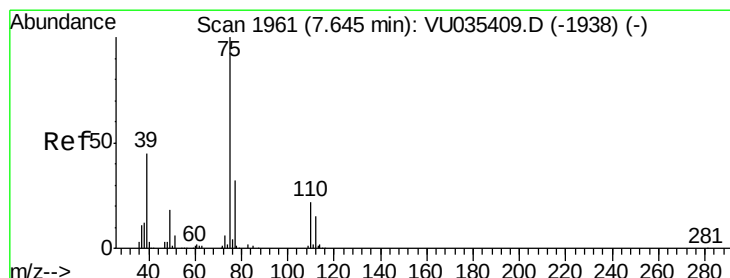
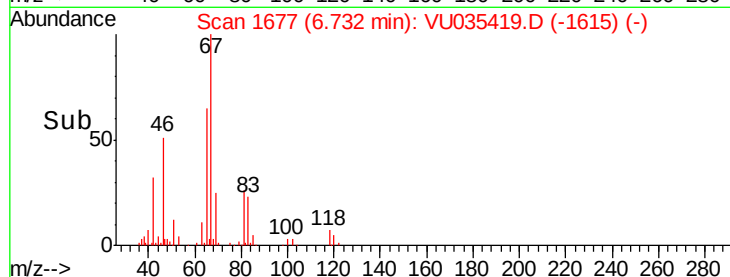
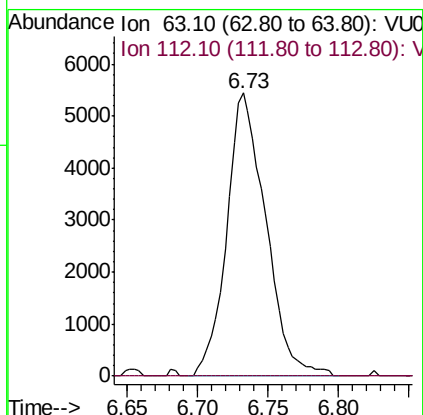
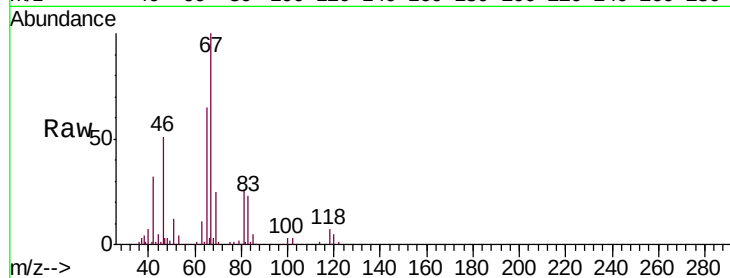




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035419.D
 Acq: 23 Oct 2019 19:14

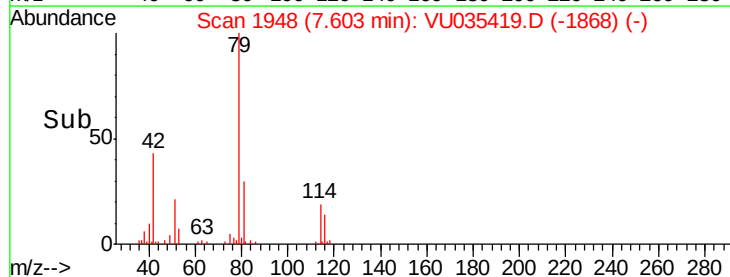
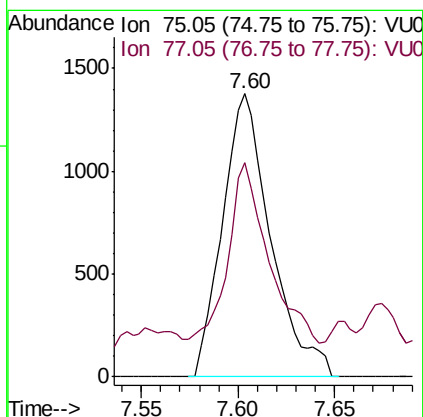
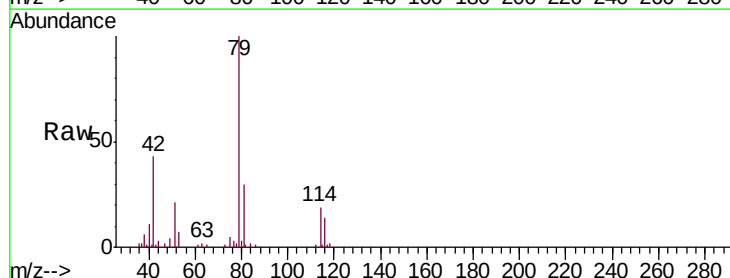
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

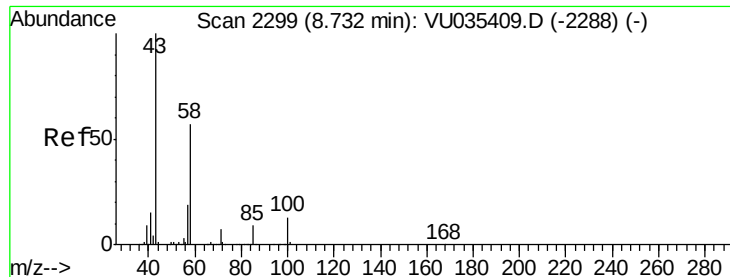
Tgt Ion: 63 Resp: 10540
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035419.D
 Acq: 23 Oct 2019 19:14

Tgt Ion: 75 Resp: 2382
 Ion Ratio Lower Upper
 75 100
 77 75.7 22.7 42.1#

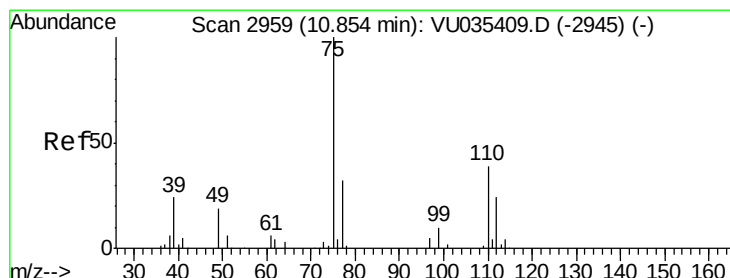
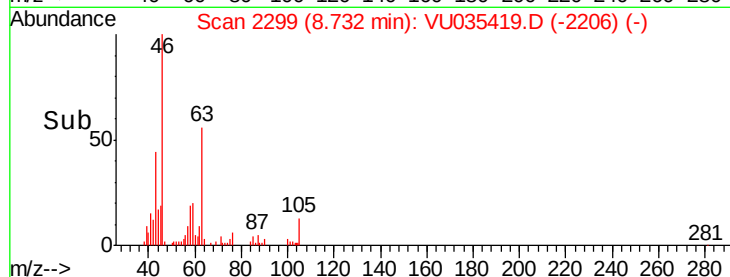
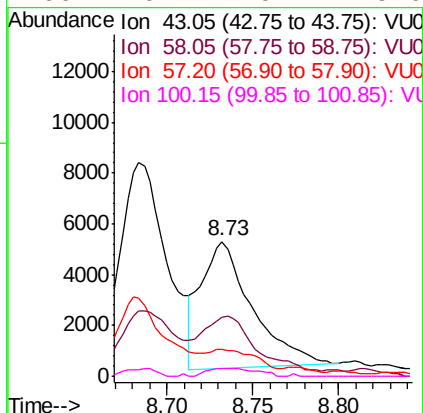
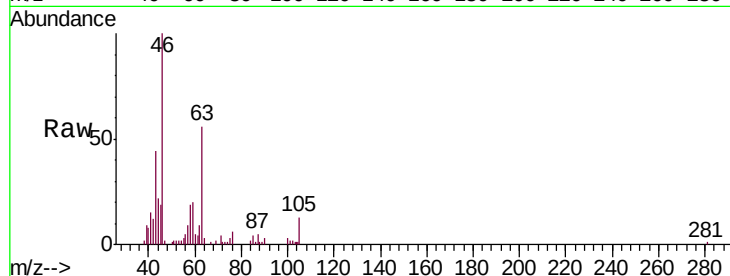




#48
 2-Hexanone
 Concen: 1.209 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VU035419.D
 Acq: 23 Oct 2019 19:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 10350
 Ion Ratio Lower Upper
 43 100
 58 45.7 45.1 67.7
 57 17.0 16.0 24.0
 100 6.1 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.839 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.98 min
 Lab File: VU035419.D
 Acq: 23 Oct 2019 19:14

Tgt Ion: 75 Resp: 10573
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.2 39.2

