

Data File : VU035805.D
Acq On : 21 Nov 2019 16:00
Operator : JC/SP
Sample : K5910-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 22 01:37:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	234613	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	87402	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	151107	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.93	69	136718	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	215021	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.70	46	366881	51.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.46%
24) Chloroform-d	5.11	84	251990	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	150883	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	494324	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.74	67	174835	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.93	98	407893	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.22	79	61295	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.70	63	243718	44.67	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	135936	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.23	152	103505	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

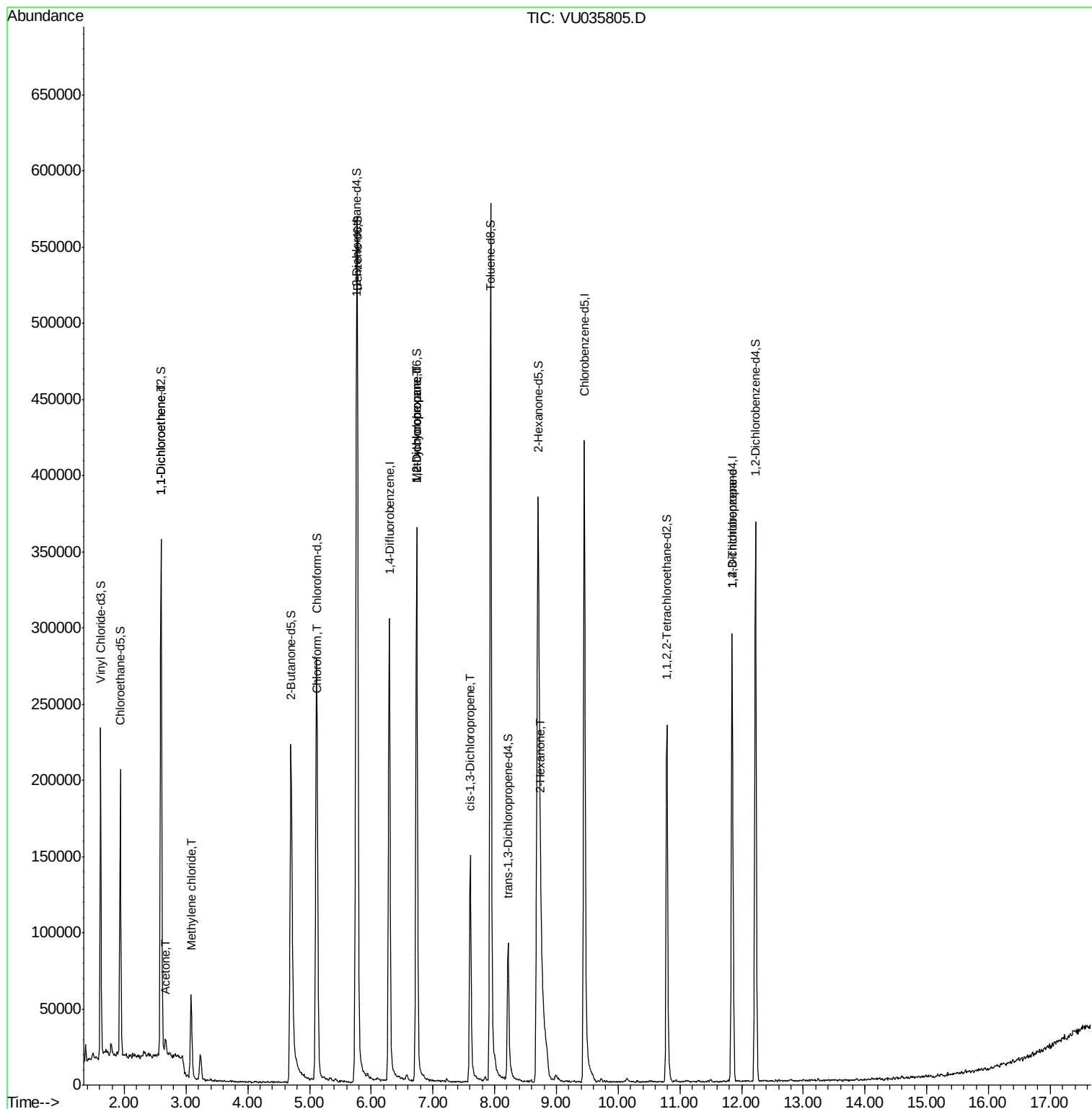
					Qvalue
12) 1,1-Dichloroethene	2.60	96	2030	0.083 ug/L #	1
13) Acetone	2.67	43	10824	1.738 ug/L	100
16) Methylene chloride	3.08	84	25332	0.859 ug/L	97
25) Chloroform	5.13	83	13111	0.249 ug/L	90
35) Methylcyclohexane	6.74	83	39367	0.966 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	19621	0.611 ug/L #	90
39) cis-1,3-Dichloropropene	7.61	75	4512	0.108 ug/L #	65
48) 2-Hexanone	8.75	43	20906	1.440 ug/L #	52
59) 1,2,3-Trichloropropane	11.85	75	12100	0.579 ug/L #	86

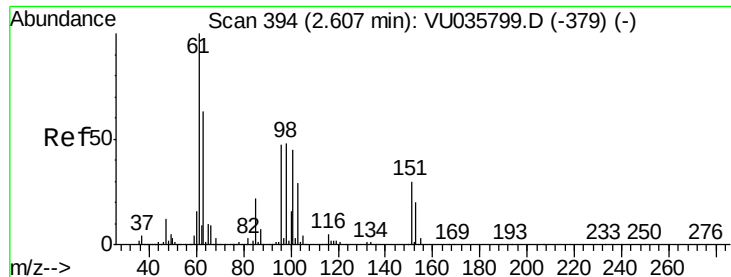
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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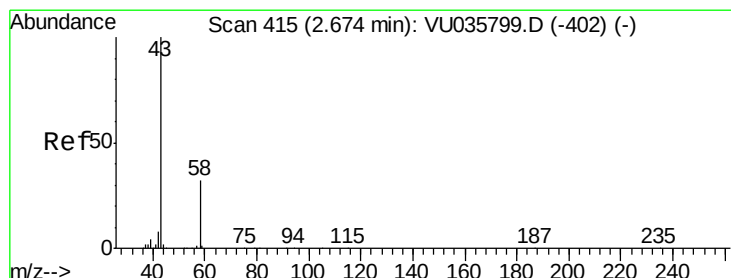
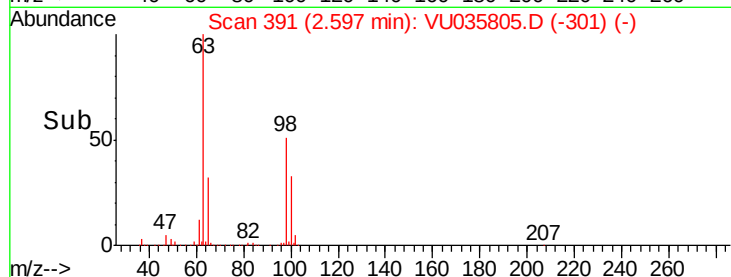
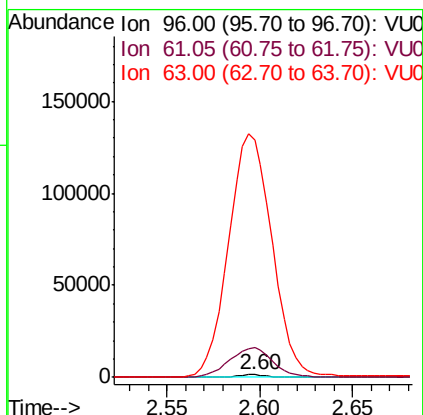
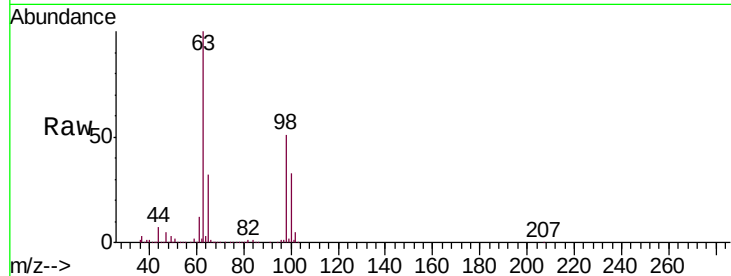




#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035805.D
 Acq: 21 Nov 2019 16:00

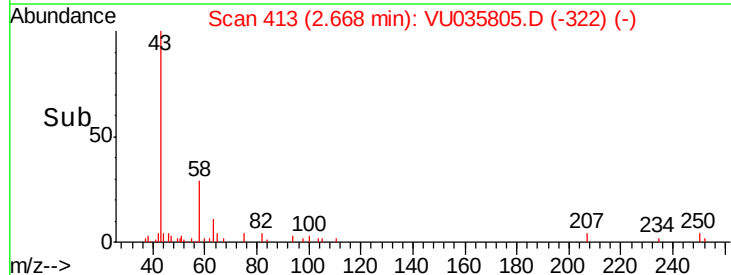
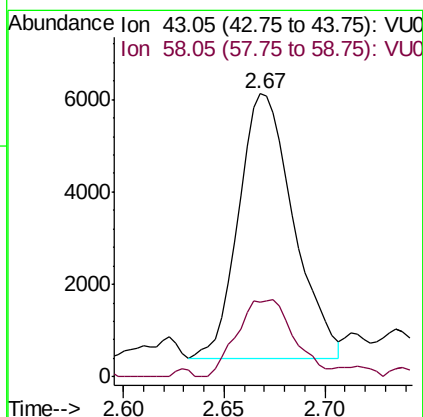
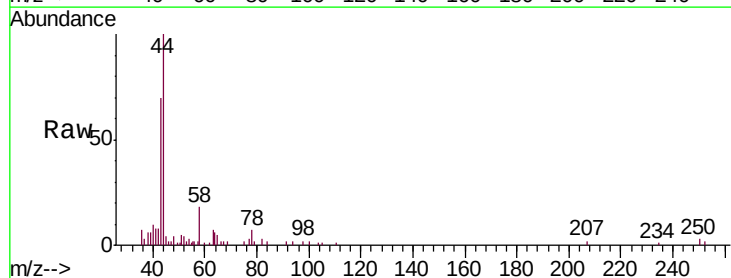
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

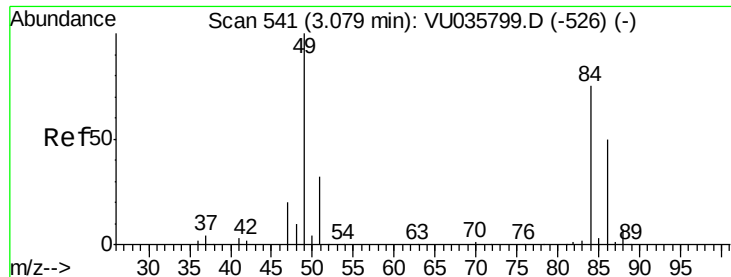
Tgt Ion: 96 Resp: 2030
 Ion Ratio Lower Upper
 96 100
 61 1194.4 139.3 258.7#
 63 9604.2 93.7 174.1#



#13
 Acetone
 Concen: 1.738 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VU035805.D
 Acq: 21 Nov 2019 16:00

Tgt Ion: 43 Resp: 10824
 Ion Ratio Lower Upper
 43 100
 58 30.5 0.0 61.2

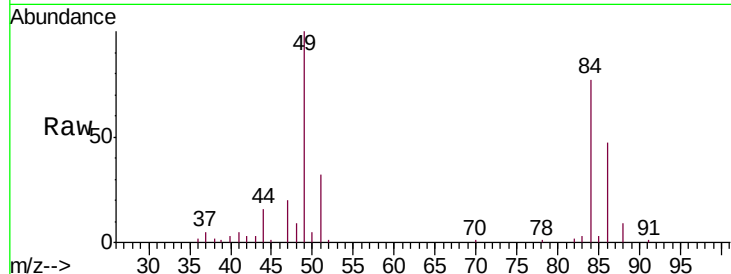




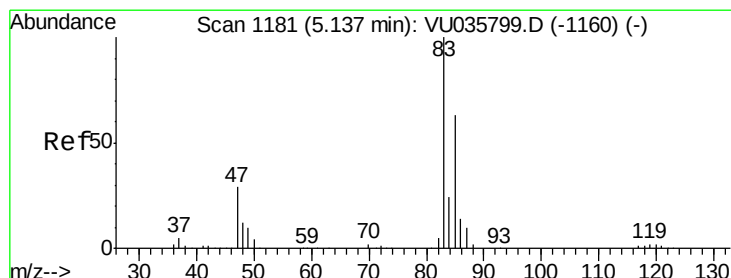
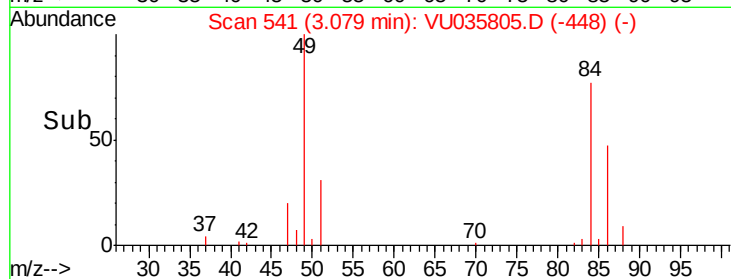
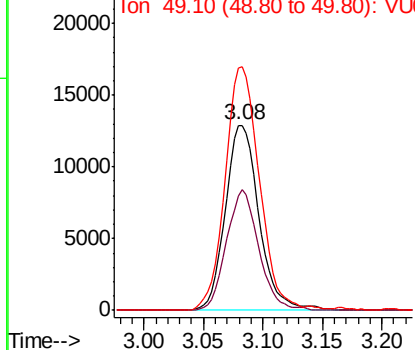
#16
Methylene chloride
Concen: 0.859 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU035805.D
Acq: 21 Nov 2019 16:00

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 25332
Ion Ratio Lower Upper
84 100
86 61.5 44.4 82.5
49 130.4 94.0 174.6

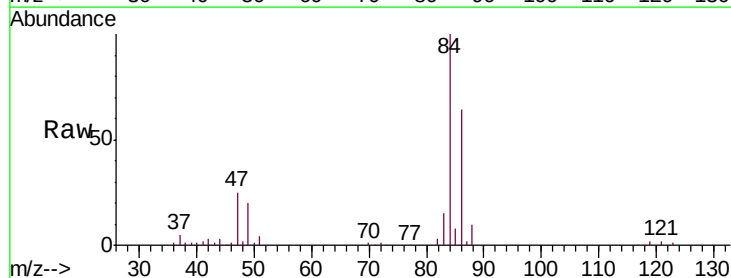


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

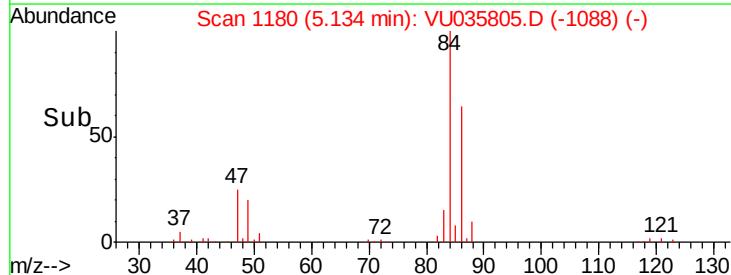
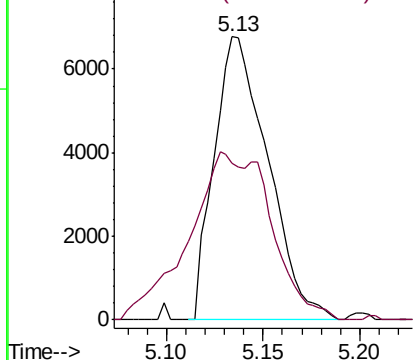


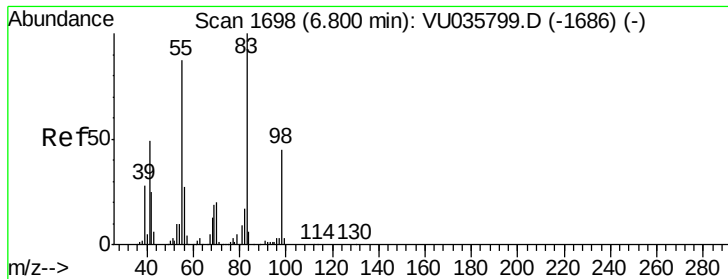
#25
Chloroform
Concen: 0.249 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035805.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 83 Resp: 13111
Ion Ratio Lower Upper
83 100
85 55.5 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

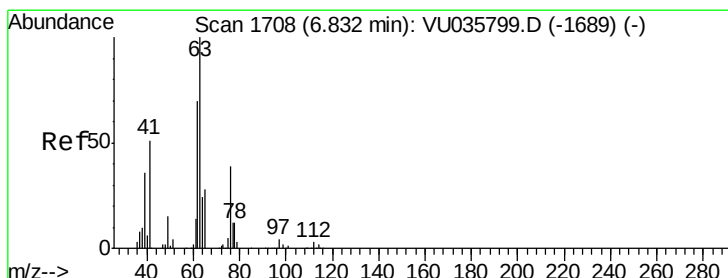
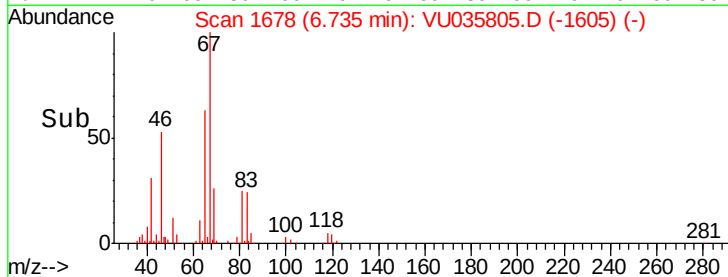
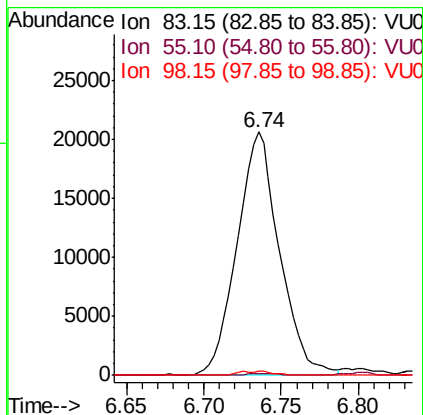
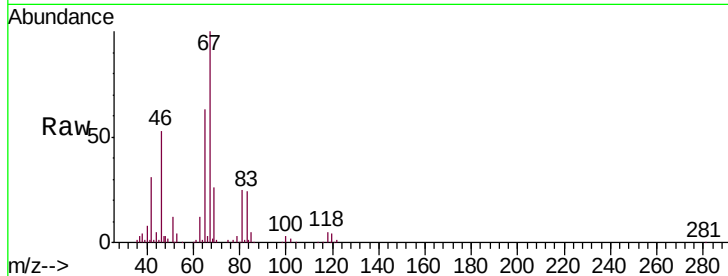




#35
Methylcyclohexane
Concen: 0.966 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035805.D
Acq: 21 Nov 2019 16:00

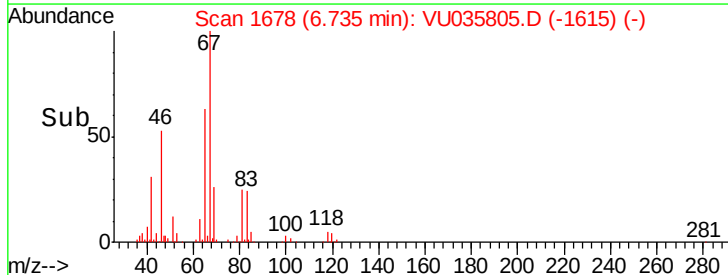
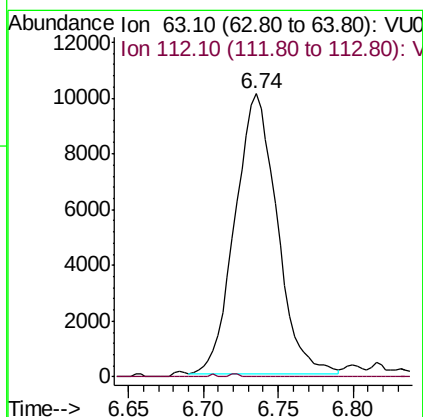
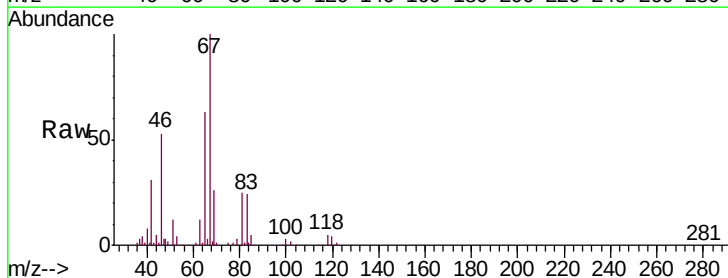
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

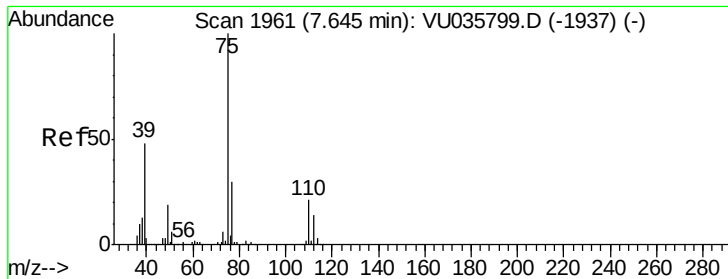
Tgt Ion: 83 Resp: 39367
Ion Ratio Lower Upper
83 100
55 0.5 72.7 109.1#
98 1.3 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035805.D
Acq: 21 Nov 2019 16:00

Tgt Ion: 63 Resp: 19621
Ion Ratio Lower Upper
63 100
112 0.2 2.7 4.1#





#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035805.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_U

ClientSampled :

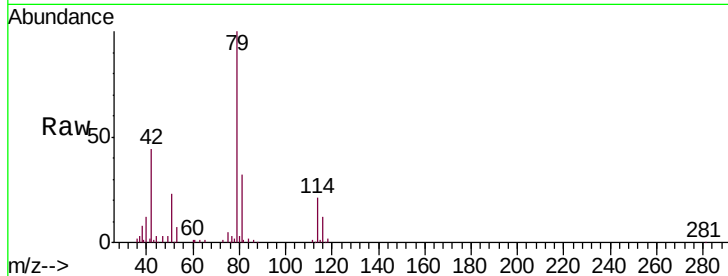
VHBLK01

Tgt Ion: 75 Resp: 4512

Ion Ratio Lower Upper

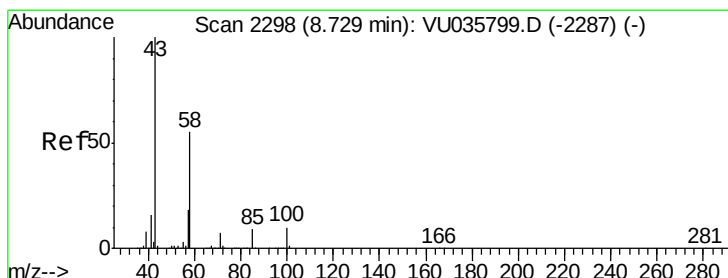
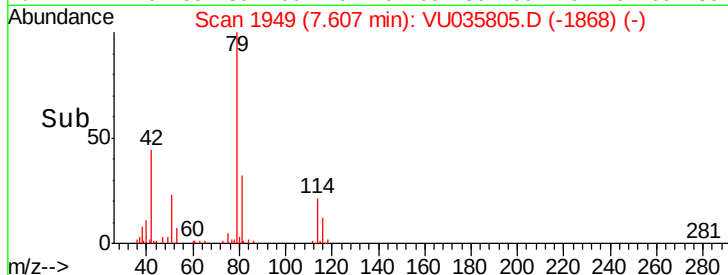
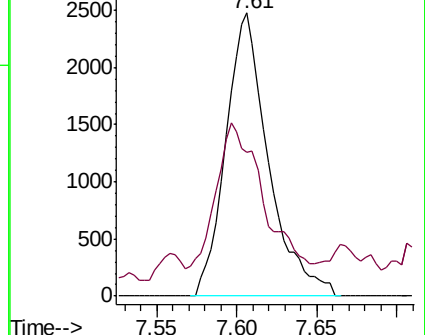
75 100

77 50.8 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035799.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035805.D (-1868) (-)



#48

2-Hexanone

Concen: 1.440 ug/L

RT: 8.75 min Scan# 2304

Delta R.T. 0.02 min

Lab File: VU035805.D

Acq: 21 Nov 2019 16:00

Tgt Ion: 43 Resp: 20906

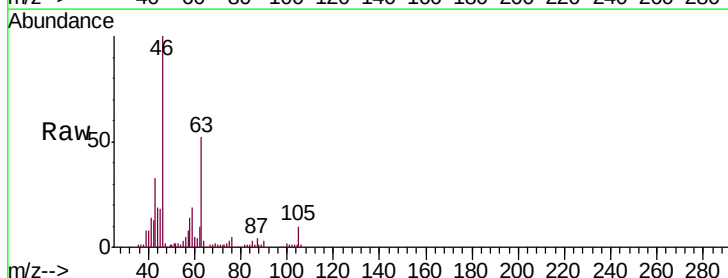
Ion Ratio Lower Upper

43 100

58 4.9 39.8 59.8#

57 9.9 14.0 21.0#

100 12.3 7.2 10.8#

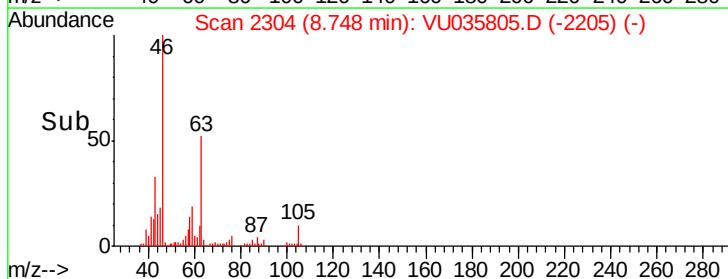
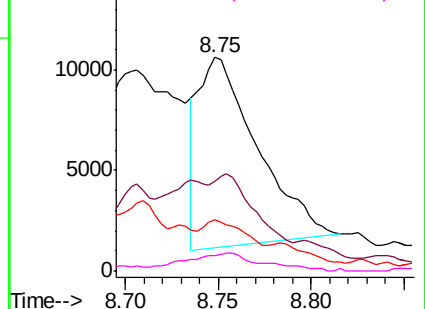


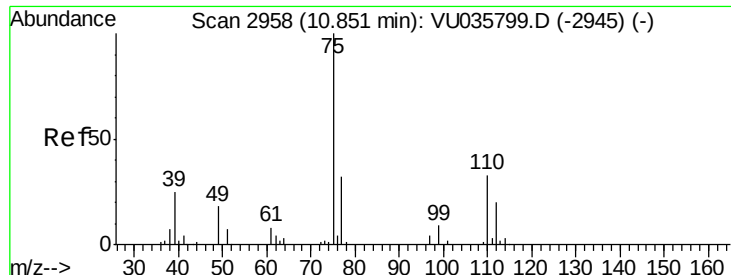
Abundance Ion 43.05 (42.75 to 43.75): VU035799.D (-2287) (-)

Ion 58.05 (57.75 to 58.75): VU035805.D (-1868) (-)

Ion 57.20 (56.90 to 57.90): VU035805.D (-1868) (-)

Ion 100.15 (99.85 to 100.85): VU035805.D (-1868) (-)





#59

1,2,3-Trichloropropane

Concen: 0.579 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. 1.00 min

Lab File: VU035805.D

Acq: 21 Nov 2019 16:00

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 12100

Ion Ratio Lower Upper

75 100

77 39.6 25.4 38.2#

