

Data File : VU036129.D
Acq On : 11 Dec 2019 13:32
Operator : JC/MD
Sample : K6132-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 12 06:14:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	284457	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	315622	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136552	5.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	1.93	69	129438	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	142983	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.70	46	254362	58.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.76%
24) Chloroform-d	5.11	84	218650	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.75	65	112671	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.77	84	412147	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.73	67	134884	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.93	98	320089	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.22	79	47132	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.68	63	194734	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	115039	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	112578	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

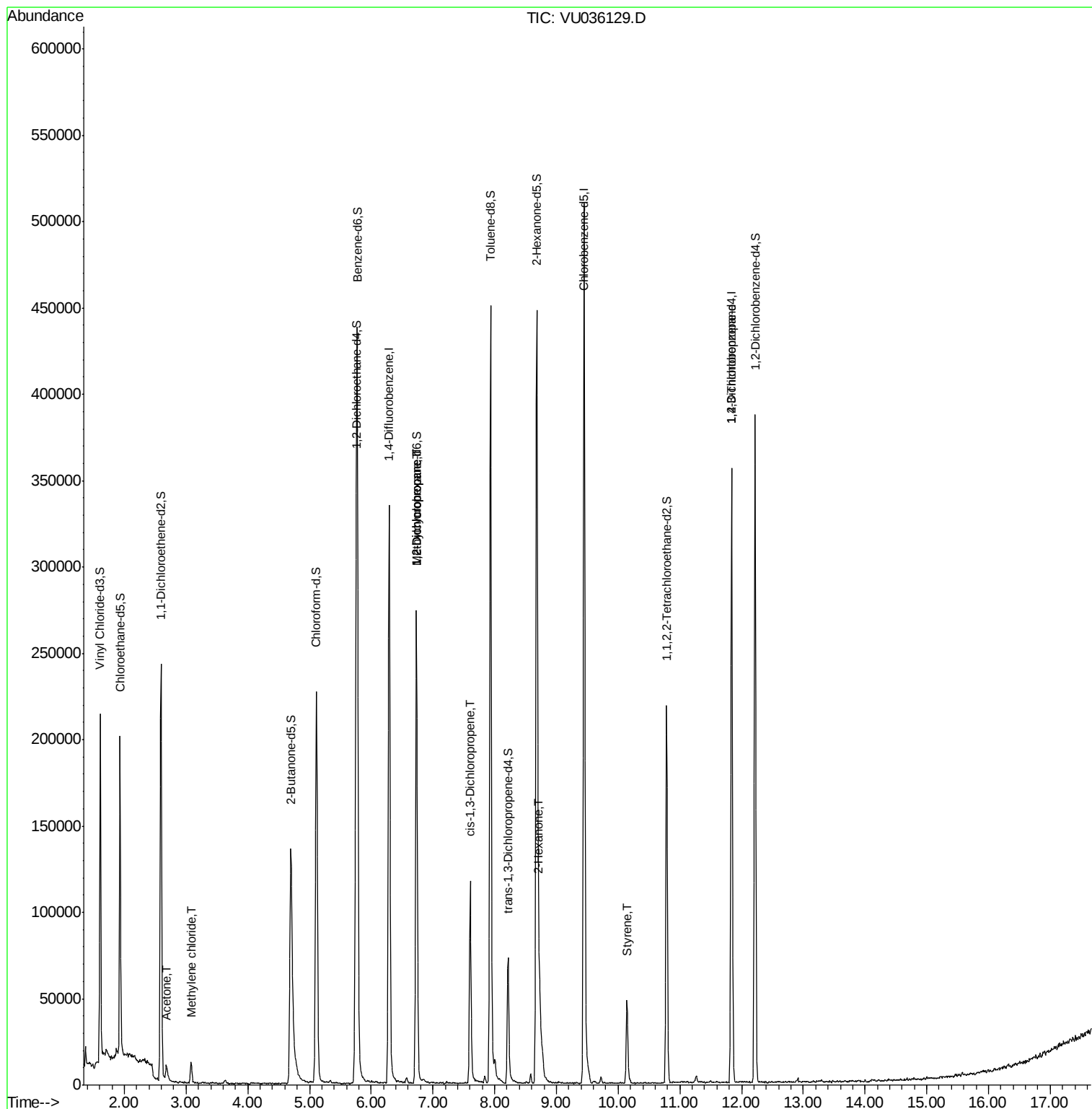
					Qvalue
13) Acetone	2.68	43	13509	2.463 ug/L	92
16) Methylene chloride	3.08	84	5724	0.199 ug/L	91
35) Methylcyclohexane	6.73	83	32741	1.065 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	13817	0.639 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3372	0.115 ug/L #	37
48) 2-Hexanone	8.72	43	8554	1.055 ug/L #	88
55) Styrene	10.14	104	27793	0.447 ug/L	98
59) 1,2,3-Trichloropropane	11.84	75	12550	0.811 ug/L	98

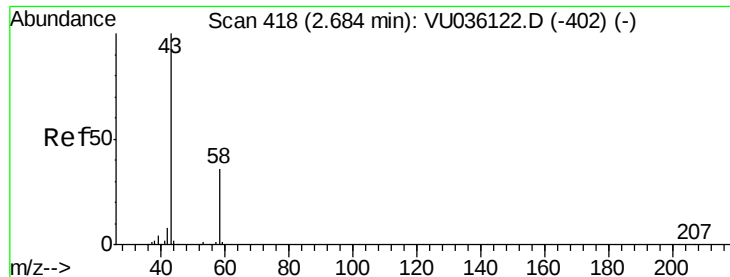
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.463 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

Lab File: VU036129.D

Acq: 11 Dec 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

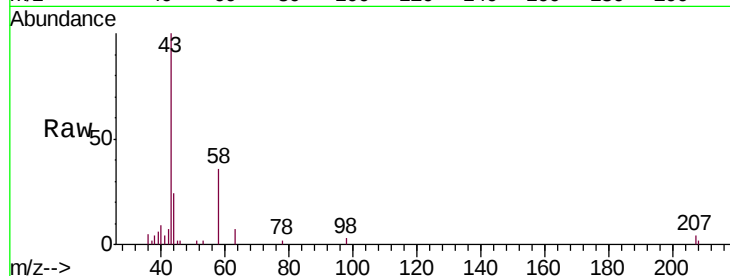
VHBLK01

Tgt Ion: 43 Resp: 13509

Ion Ratio Lower Upper

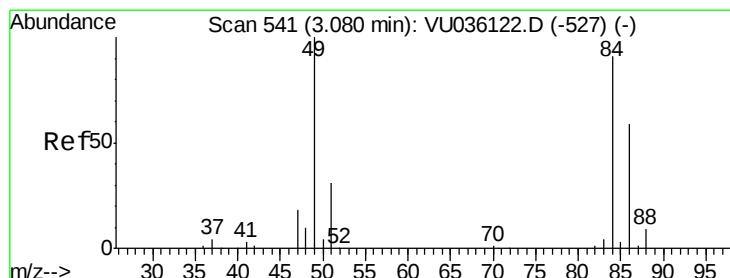
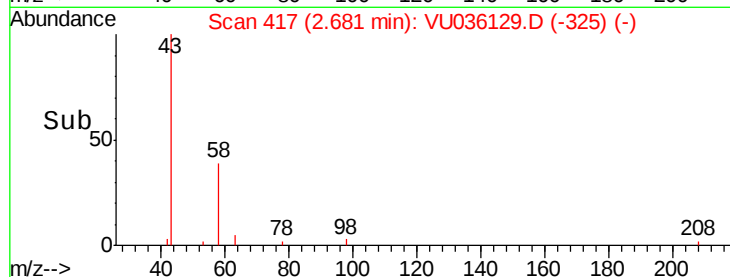
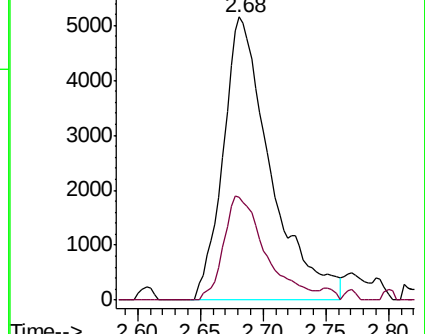
43 100

58 32.2 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036129.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036129.D (-402) (-)



#16

Methylene chloride

Concen: 0.199 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036129.D

Acq: 11 Dec 2019 13:32

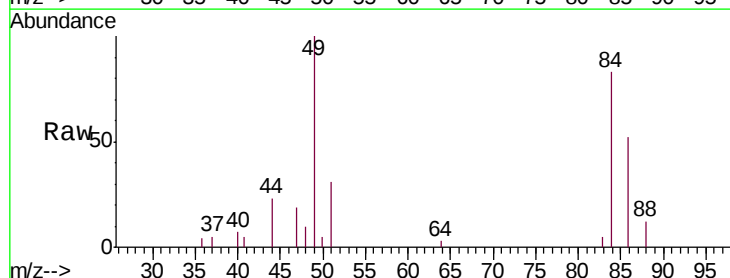
Tgt Ion: 84 Resp: 5724

Ion Ratio Lower Upper

84 100

86 62.4 47.5 88.3

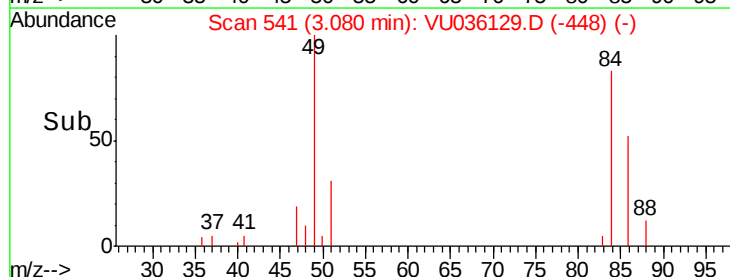
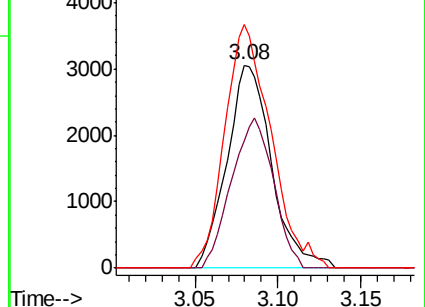
49 120.0 76.9 142.9

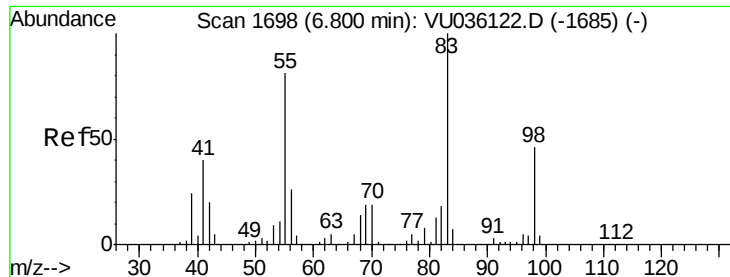


Abundance Ion 84.05 (83.75 to 84.75): VU036129.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036129.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036129.D (-527) (-)

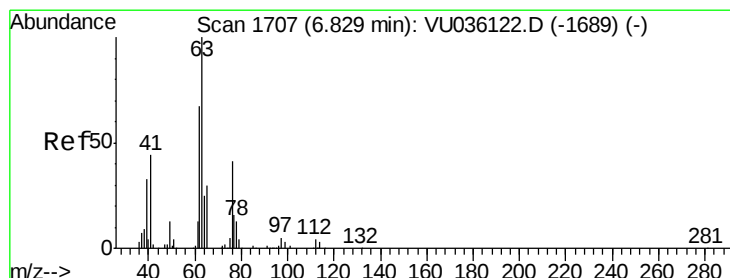
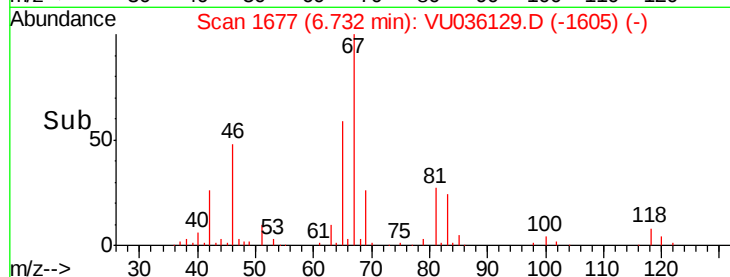
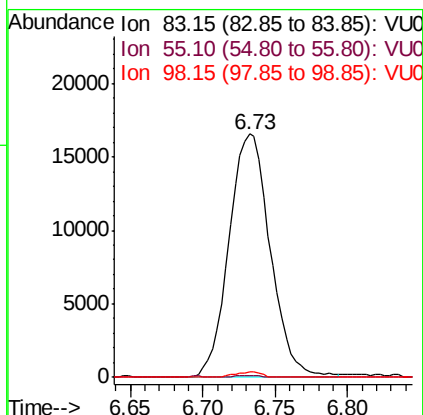
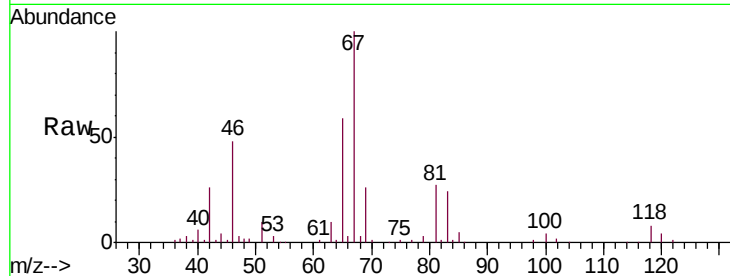




#35
Methylcyclohexane
Concen: 1.065 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036129.D
Acq: 11 Dec 2019 13:32

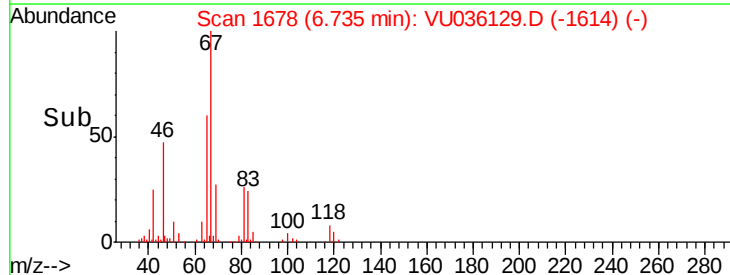
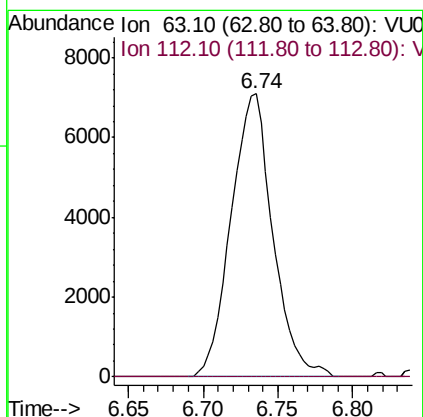
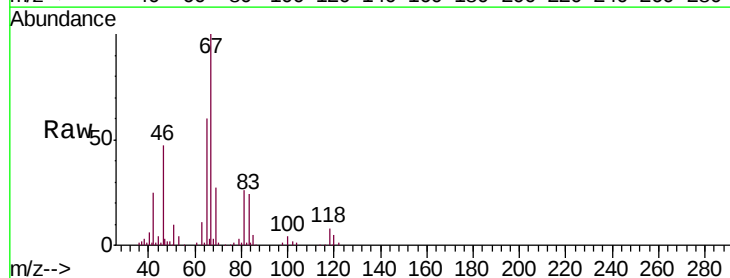
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

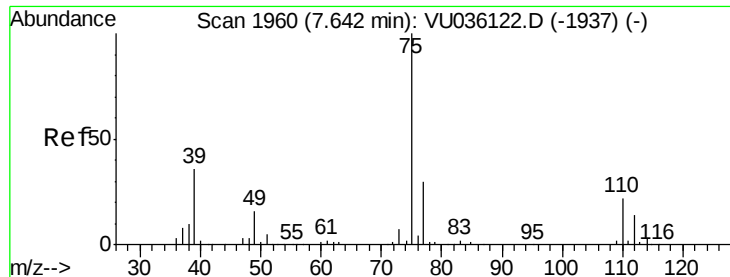
Tgt Ion: 83 Resp: 32741
Ion Ratio Lower Upper
83 100
55 0.4 62.1 93.1#
98 1.3 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036129.D
Acq: 11 Dec 2019 13:32

Tgt Ion: 63 Resp: 13817
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#

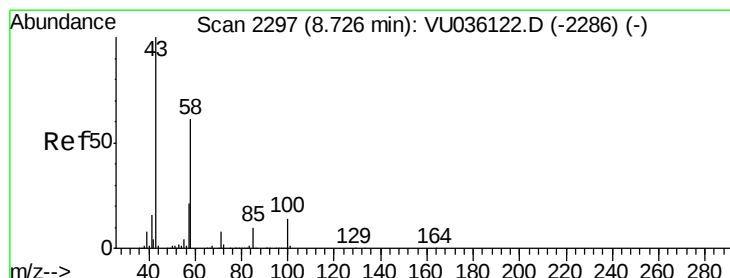
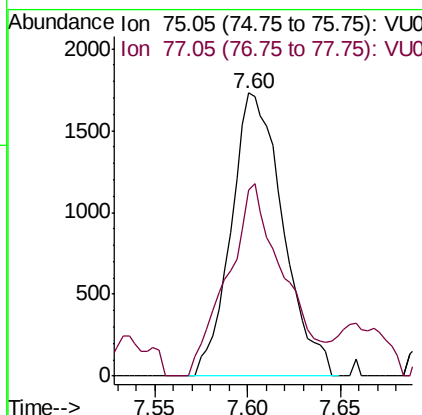
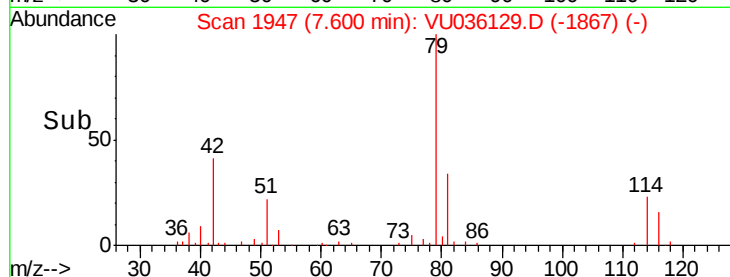
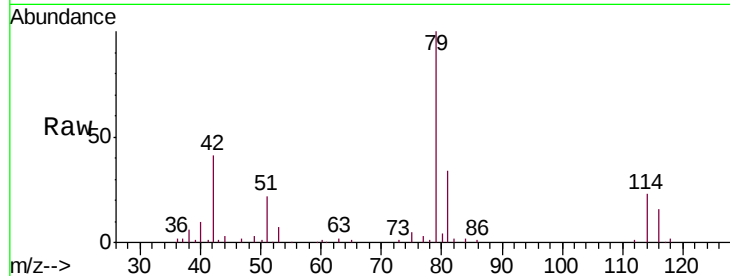




#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036129.D
 Acq: 11 Dec 2019 13:32

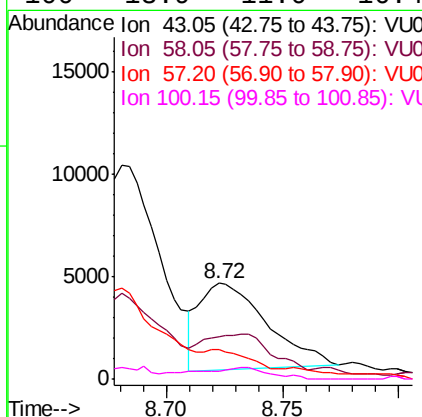
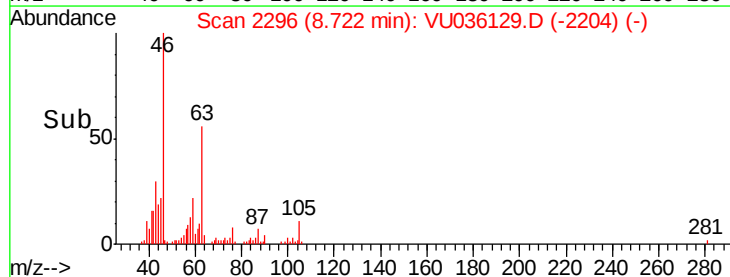
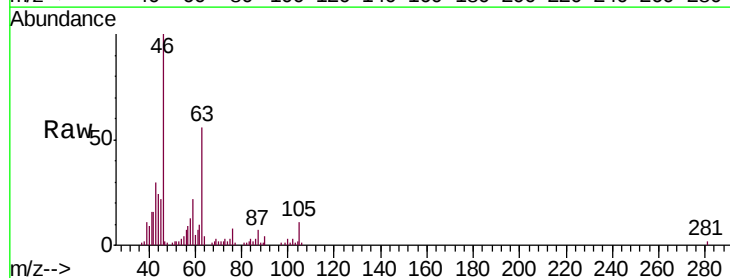
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

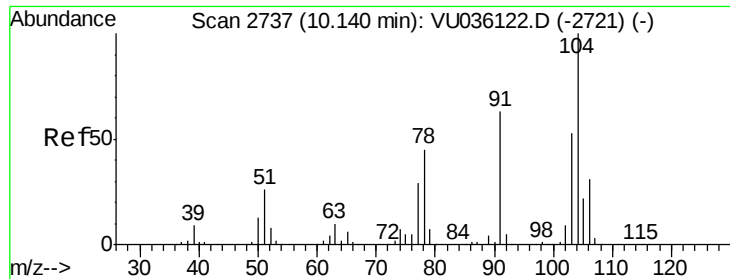
Tgt Ion: 75 Resp: 3372
 Ion Ratio Lower Upper
 75 100
 77 65.6 21.7 40.3#



#48
 2-Hexanone
 Concen: 1.055 ug/L
 RT: 8.72 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU036129.D
 Acq: 11 Dec 2019 13:32

Tgt Ion: 43 Resp: 8554
 Ion Ratio Lower Upper
 43 100
 58 56.1 46.9 70.3
 57 0.0 16.4 24.6#
 100 13.9 11.0 16.4





#55

Styrene

Concen: 0.447 ug/L

RT: 10.14 min Scan# 2738

Delta R.T. 0.00 min

Lab File: VU036129.D

Acq: 11 Dec 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

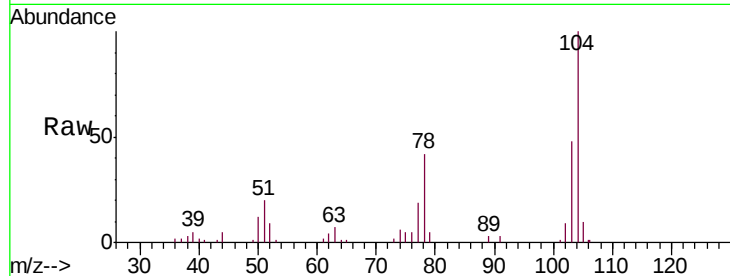
VHBLK01

Tgt Ion:104 Resp: 27793

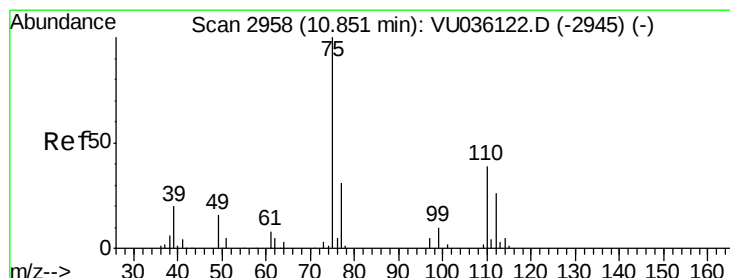
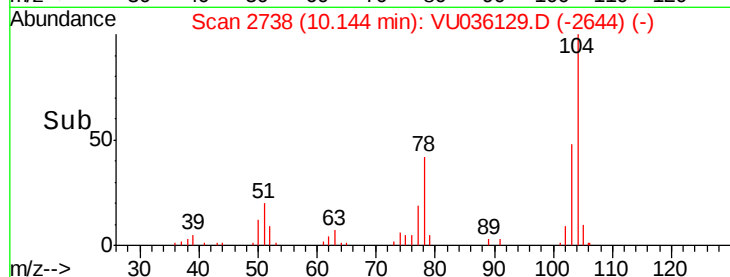
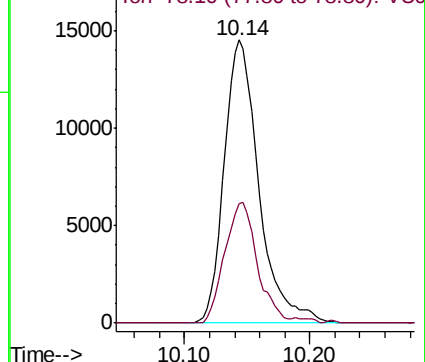
Ion Ratio Lower Upper

104 100

78 42.2 30.5 56.7



Abundance Ion 104.10 (103.80 to 104.80): VU036129.D (-2721) (-)



#59

1,2,3-Trichloropropane

Concen: 0.811 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036129.D

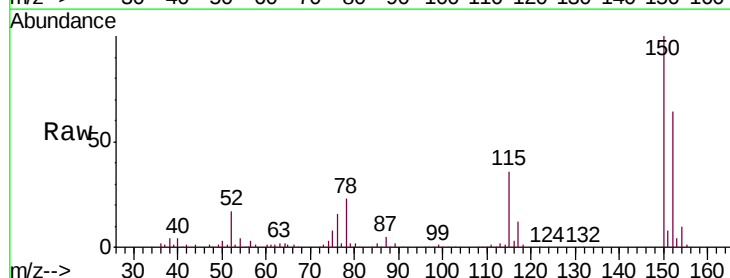
Acq: 11 Dec 2019 13:32

Tgt Ion: 75 Resp: 12550

Ion Ratio Lower Upper

75 100

77 34.7 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU036129.D (-2336) (-)

