

Data File : VU032089.D
Acq On : 17 May 2019 08:40
Operator : JC/SP
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: May 17 09:18:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	370669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	379958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	131920	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.68	69	122083	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.27	63	192352	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.20	46	294724	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	4.64	84	259061	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.31	65	133819	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.33	84	525703	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.32	67	158056	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.56	98	422563	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	49214	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.31	63	270565	49.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	134277	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	160079	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

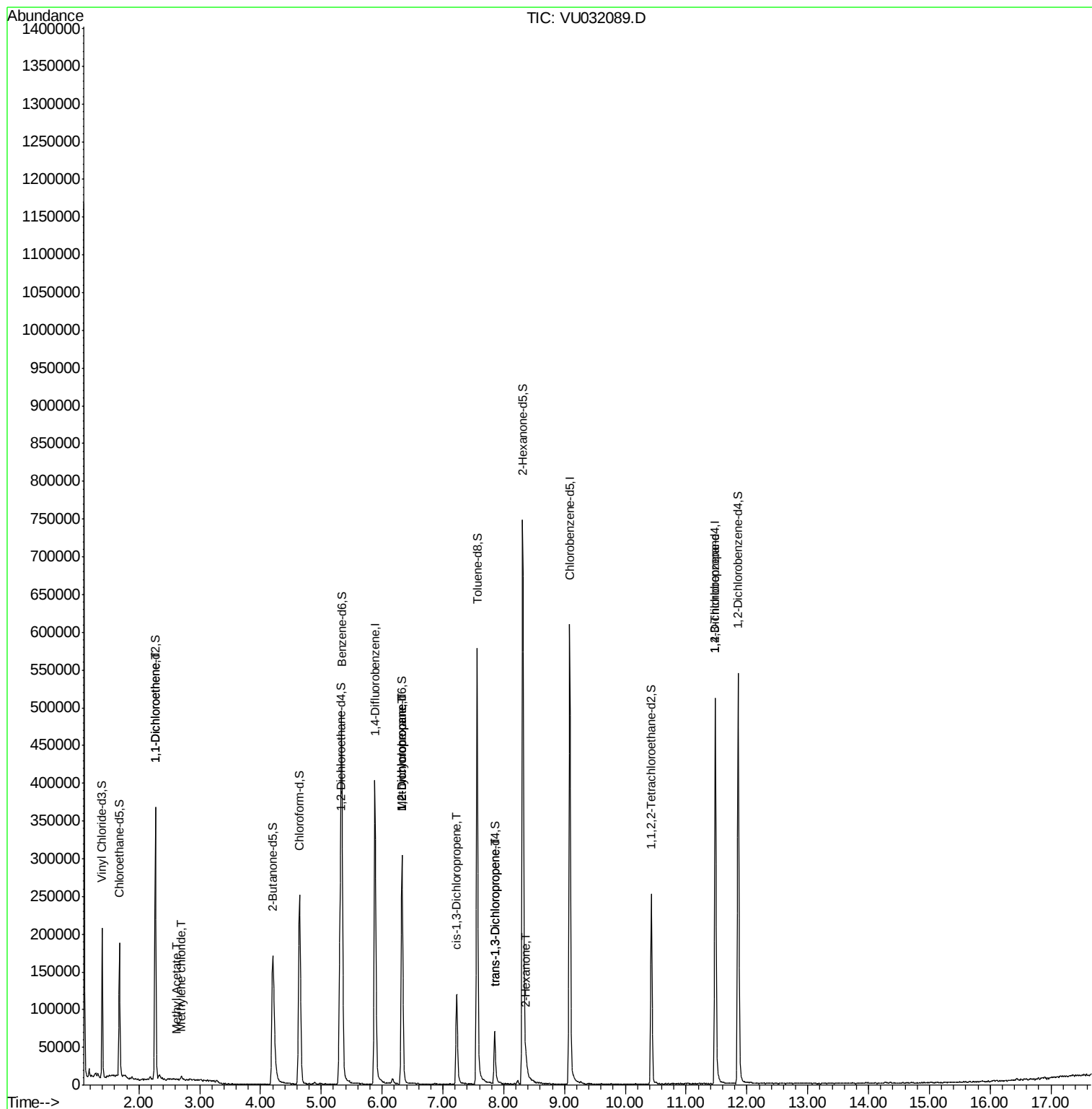
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	1959	0.132	ug/L #	1
15) Methyl Acetate	2.62	43	832	0.144	ug/L #	42
16) Methylene chloride	2.70	84	2304	0.130	ug/L	89
35) Methylcyclohexane	6.33	83	37205	1.633	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	17099	1.199	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	3296	0.167	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	2310	0.151	ug/L	92
48) 2-Hexanone	8.37	43	11939	2.328	ug/L #	83
59) 1,2,3-Trichloropropane	11.48	75	15985	1.764	ug/L #	87

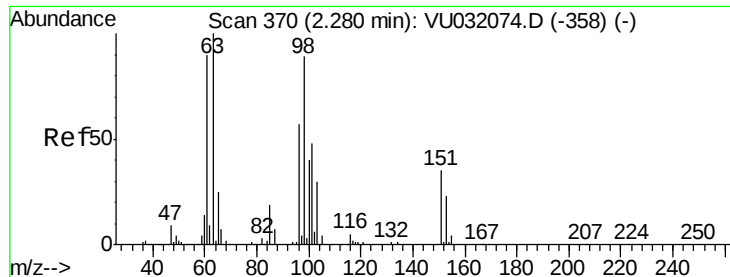
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.132 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032089.D

Acq: 17 May 2019 08:40

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

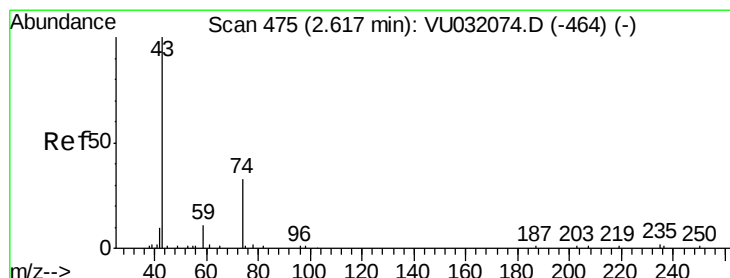
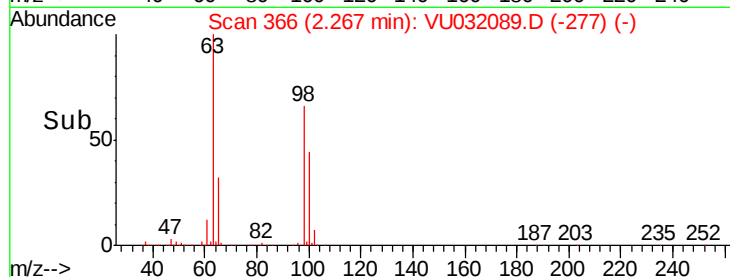
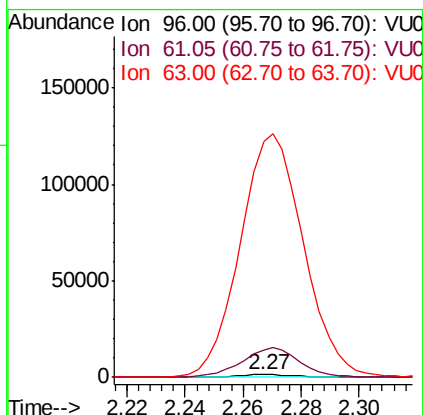
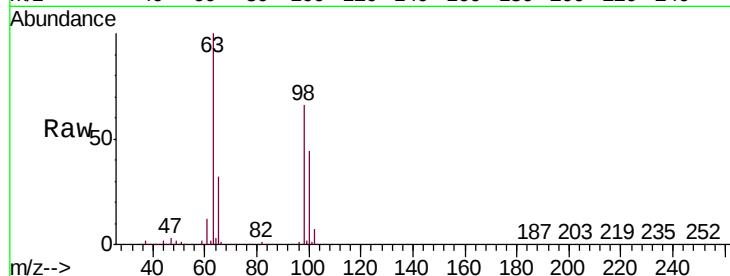
Tgt Ion: 96 Resp: 1959

Ion Ratio Lower Upper

96 100

61 1019.8 111.7 207.5#

63 8629.8 152.2 282.6#



#15

Methyl Acetate

Concen: 0.144 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU032089.D

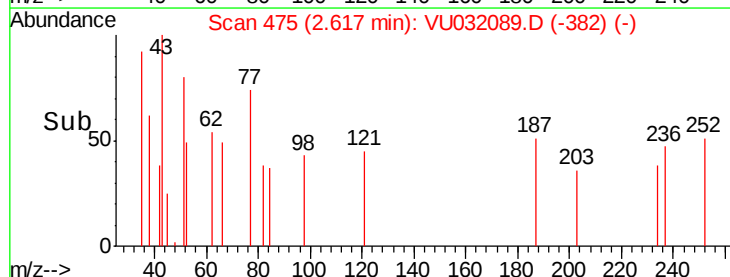
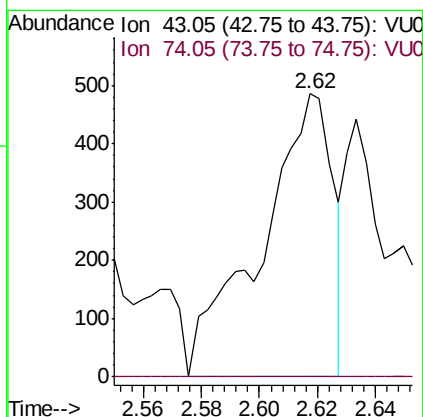
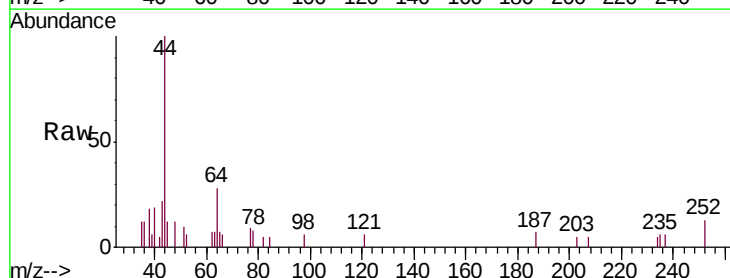
Acq: 17 May 2019 08:40

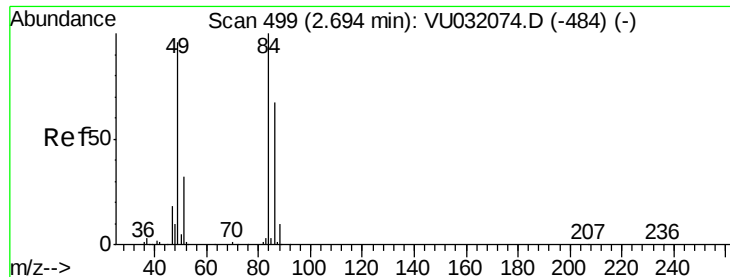
Tgt Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

74 0.0 26.4 39.6#

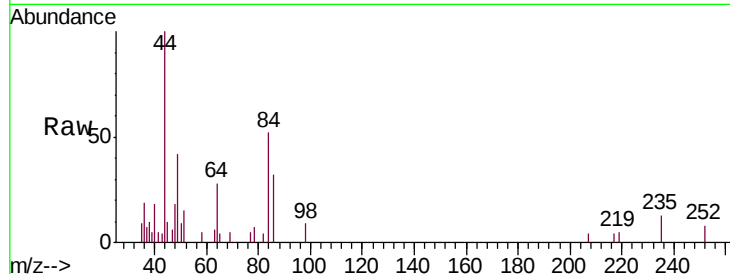




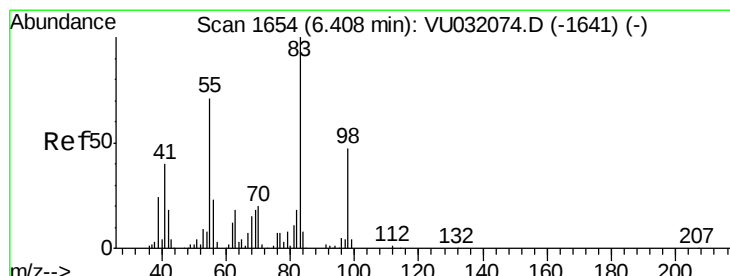
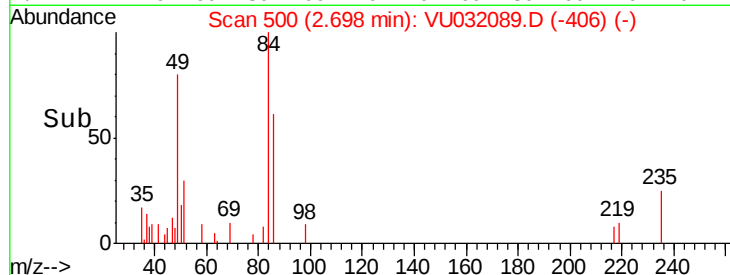
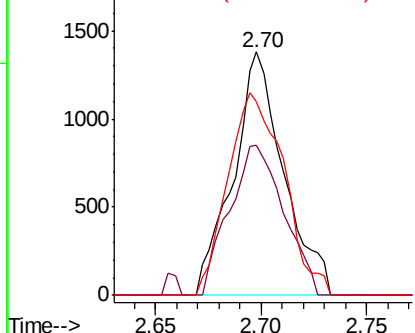
#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032089.D
Acq: 17 May 2019 08:40

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tgt Ion: 84 Resp: 2304
Ion Ratio Lower Upper
84 100
86 61.5 43.1 80.1
49 79.8 67.7 125.7

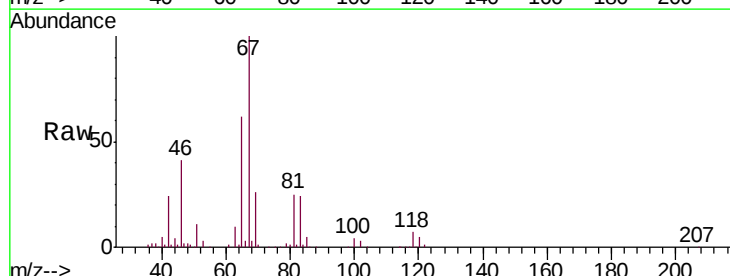


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

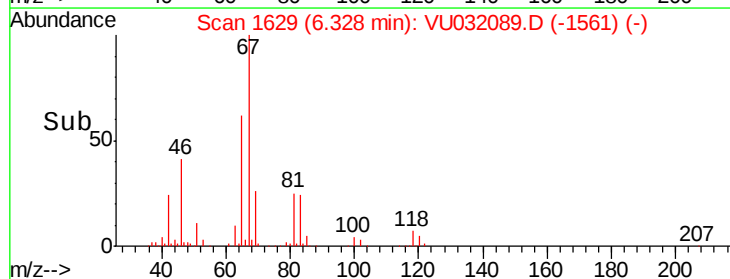
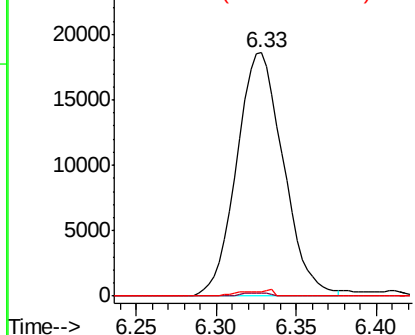


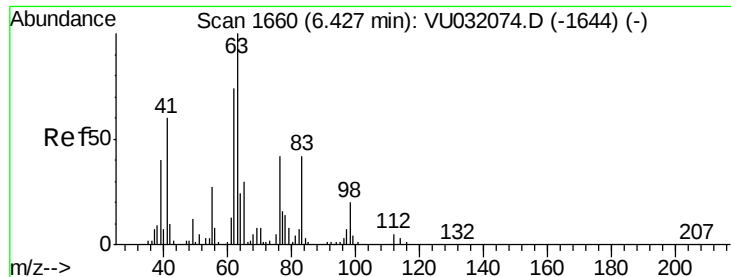
#35
Methylcyclohexane
Concen: 1.633 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032089.D
Acq: 17 May 2019 08:40

Tgt Ion: 83 Resp: 37205
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.6 36.8 55.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 1.199 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032089.D

Acq: 17 May 2019 08:40

Instrument :

MSVOA_U

ClientSampleId :

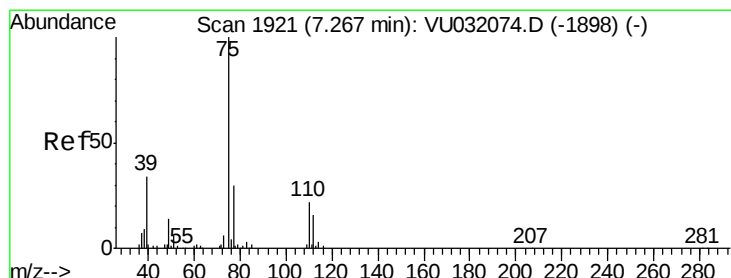
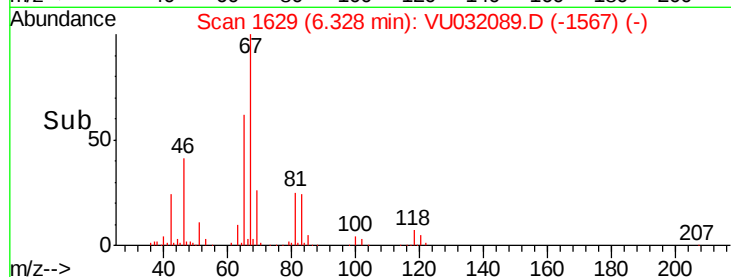
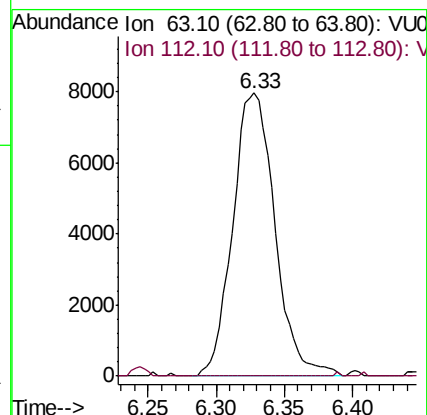
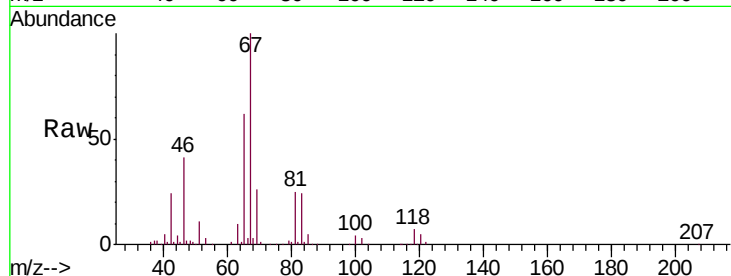
VIBLK40

Tgt Ion: 63 Resp: 17099

Ion Ratio Lower Upper

63 100

112 0.1 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.167 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032089.D

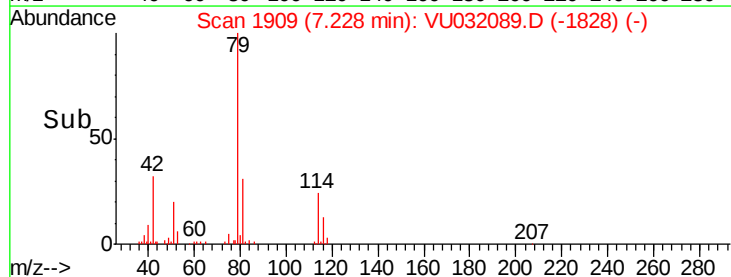
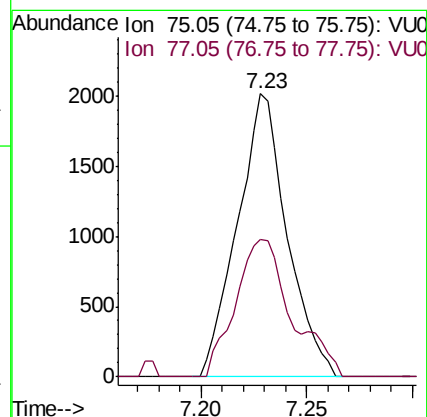
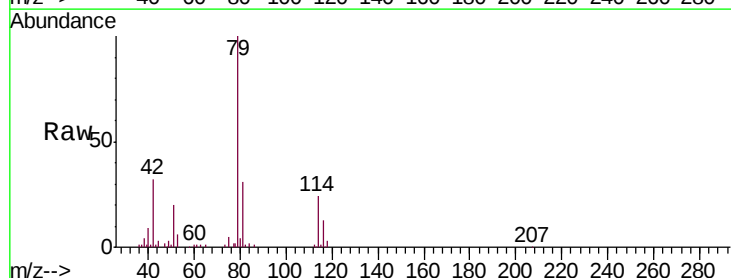
Acq: 17 May 2019 08:40

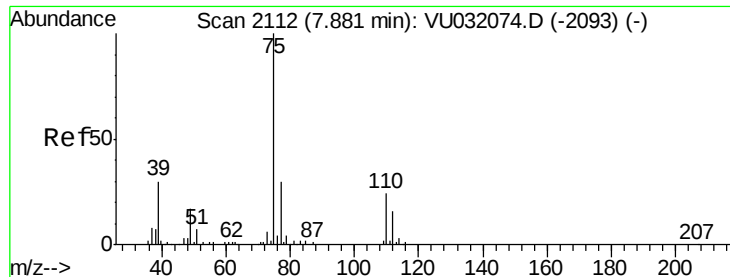
Tgt Ion: 75 Resp: 3296

Ion Ratio Lower Upper

75 100

77 48.6 21.7 40.3#

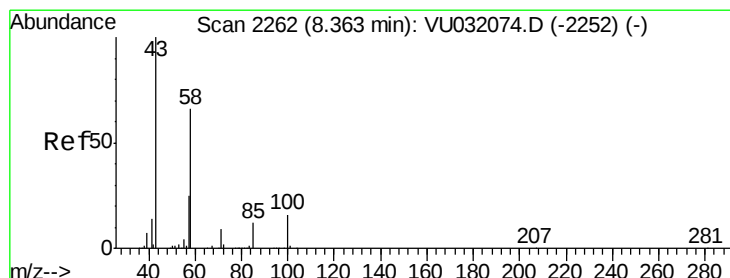
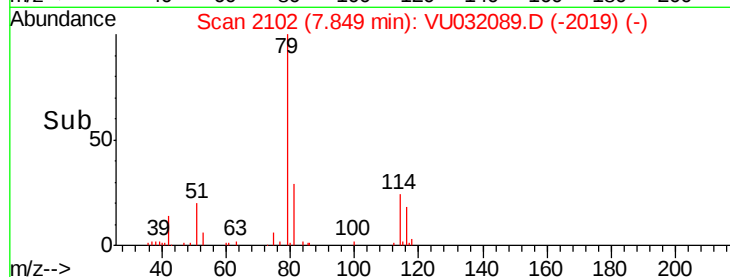
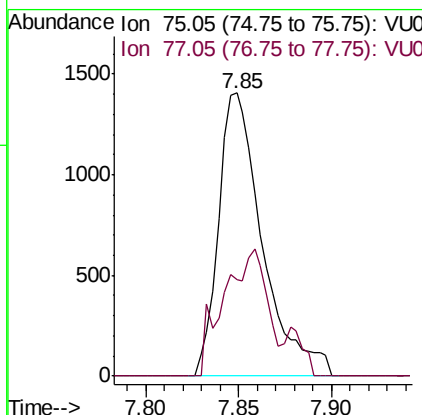
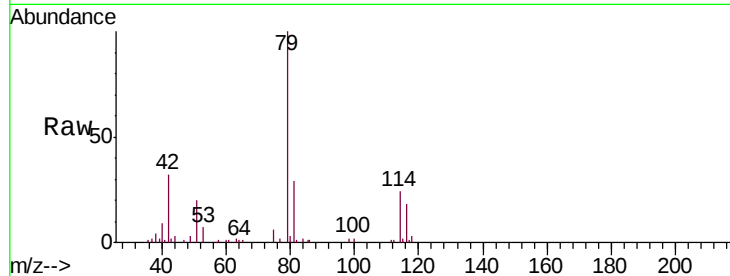




#44
trans-1,3-Dichloropropene
Concen: 0.151 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032089.D
Acq: 17 May 2019 08:40

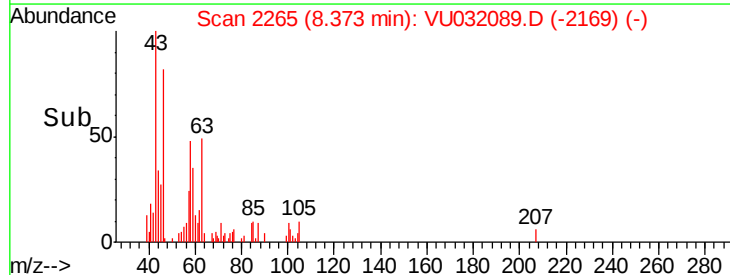
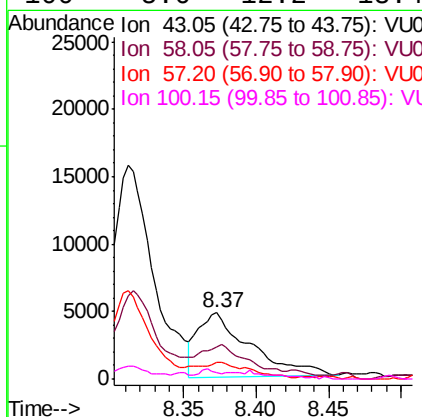
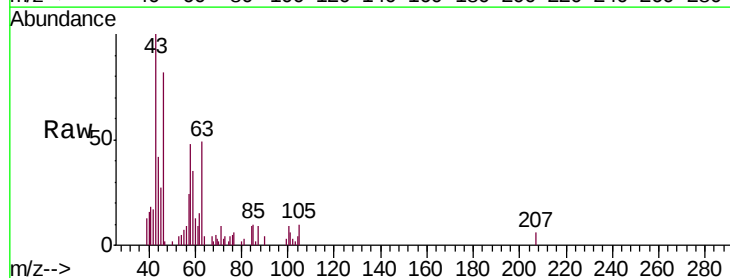
Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

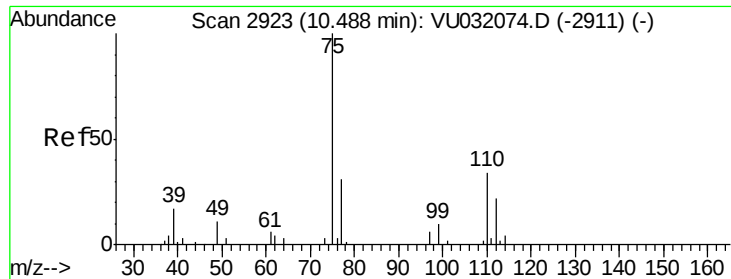
Tgt Ion: 75 Resp: 2310
Ion Ratio Lower Upper
75 100
77 34.1 21.0 39.0



#48
2-Hexanone
Concen: 2.328 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU032089.D
Acq: 17 May 2019 08:40

Tgt Ion: 43 Resp: 11939
Ion Ratio Lower Upper
43 100
58 50.3 51.6 77.4#
57 17.8 18.4 27.6#
100 5.6 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.764 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032089.D

Acq: 17 May 2019 08:40

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

Tgt Ion: 75 Resp: 15985

Ion Ratio Lower Upper

75 100

77 39.9 26.2 39.2#

