

Data File : VU032075.D
Acq On : 17 May 2019 02:53
Operator : JC/SP
Sample : VU0516WBL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK17

Quant Time: May 17 08:44:19 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	390136	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	159673	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147308	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	129778	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.27	63	206638	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.20	46	315951	48.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.94%
24) Chloroform-d	4.64	84	278375	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	141987	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.33	84	568887	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.33	67	167139	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.56	98	461932	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	53313	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.31	63	278587	47.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	142283	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	168999	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

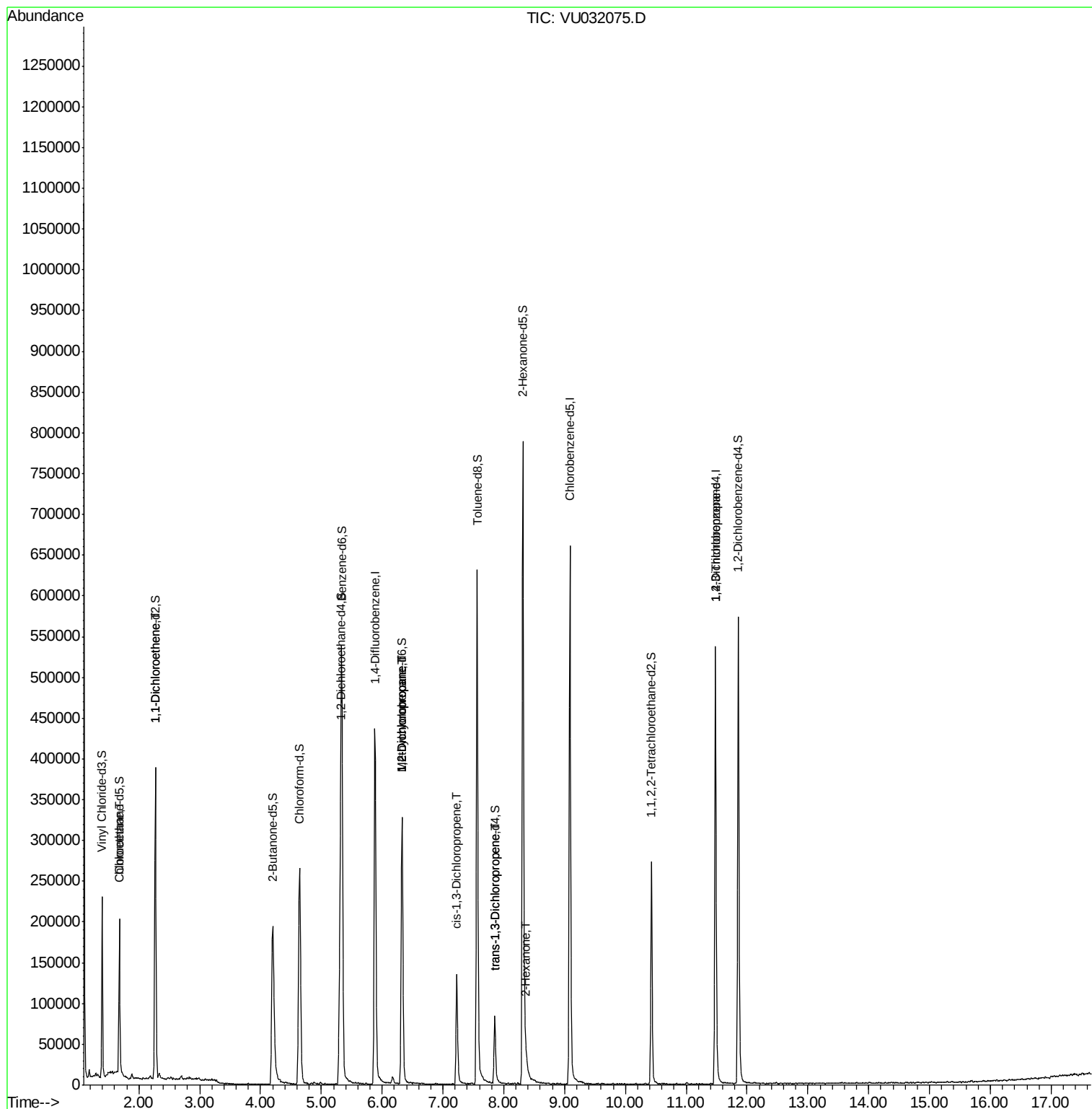
					Qvalue
8) Chloroethane	1.67	64	4303	0.352 ug/L #	43
12) 1,1-Dichloroethene	2.27	96	1842	0.118 ug/L #	1
35) Methylcyclohexane	6.33	83	41063	1.708 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	18739	1.246 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	3959	0.190 ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	2802	0.173 ug/L #	74
48) 2-Hexanone	8.37	43	10957	2.025 ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	16723	1.750 ug/L	93

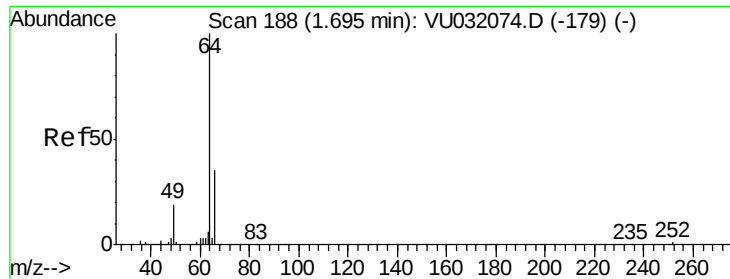
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.352 ug/L

RT: 1.67 min Scan# 179

Delta R.T. -0.03 min

Lab File: VU032075.D

Acq: 17 May 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

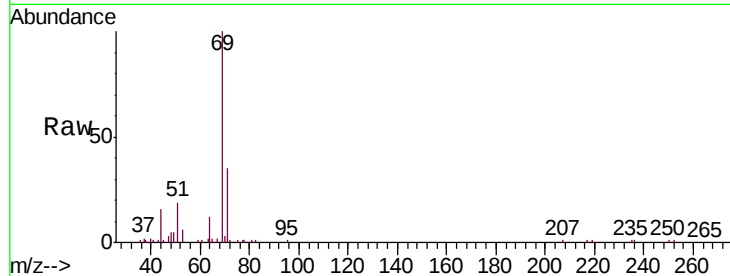
VBLK17

Tgt Ion: 64 Resp: 4303

Ion Ratio Lower Upper

64 100

66 0.0 22.0 41.0#



Abundance Ion 64.10 (63.80 to 64.80): VU032074.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU032074.D (-179) (-)

5000

4000

3000

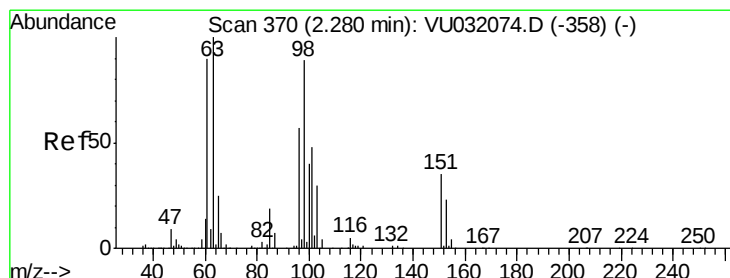
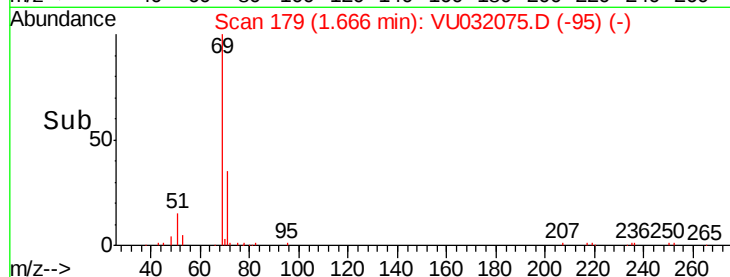
2000

1000

0

1.65 1.70 1.75

Time-->



#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032075.D

Acq: 17 May 2019 02:53

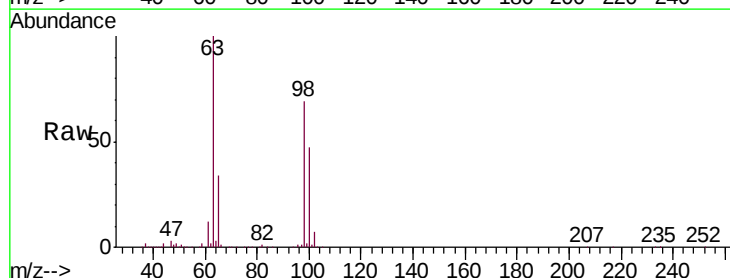
Tgt Ion: 96 Resp: 1842

Ion Ratio Lower Upper

96 100

61 971.9 111.7 207.5#

63 8193.2 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032074.D (-358) (-)

Ion 61.05 (60.75 to 61.75): VU032074.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU032074.D (-358) (-)

150000

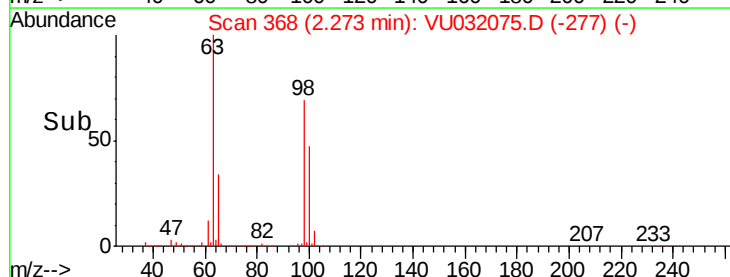
100000

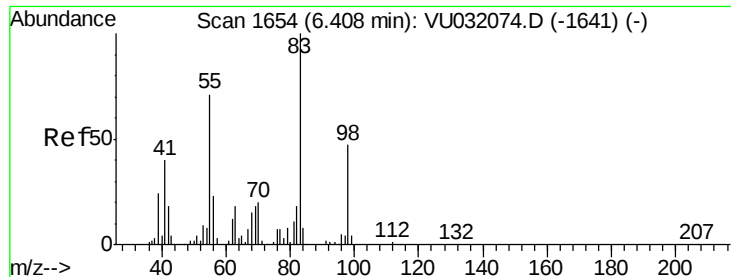
50000

0

2.25 2.30

Time-->





#35

Methylcyclohexane

Concen: 1.708 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032075.D

Acq: 17 May 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

VBLK17

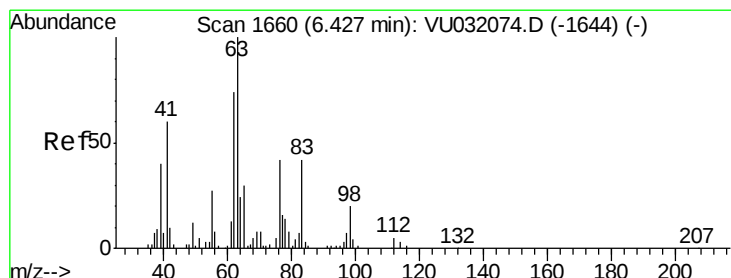
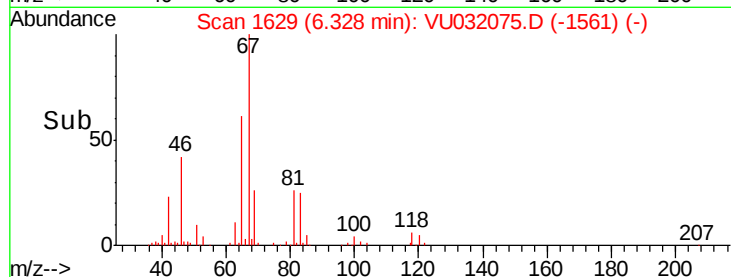
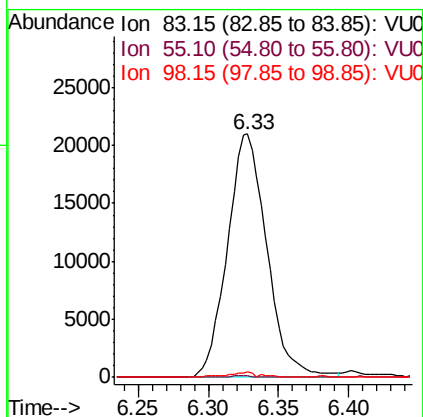
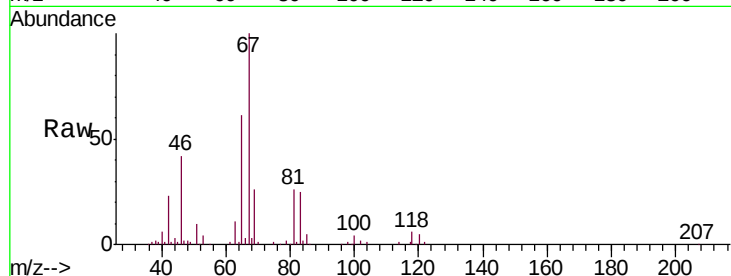
Tgt Ion: 83 Resp: 41063

Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

98 1.6 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 1.246 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032075.D

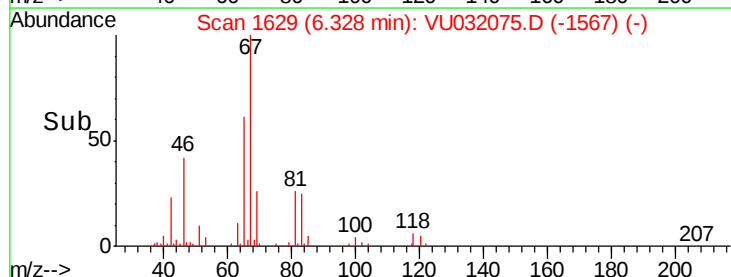
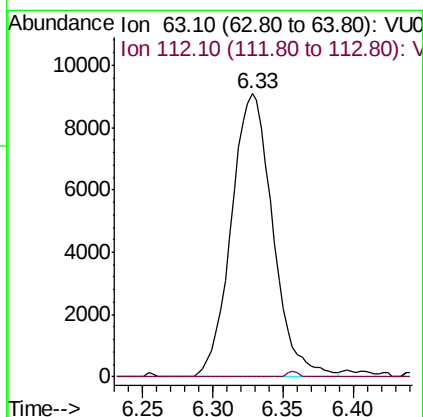
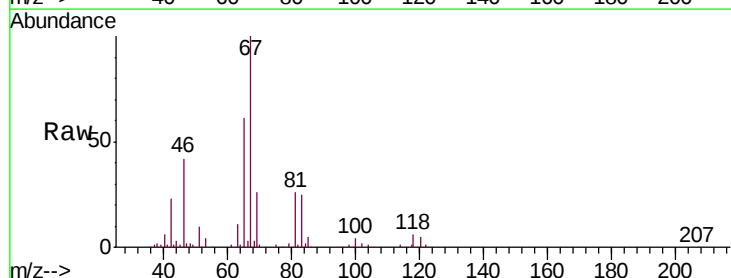
Acq: 17 May 2019 02:53

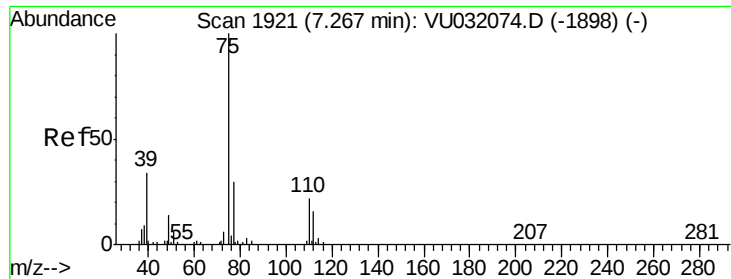
Tgt Ion: 63 Resp: 18739

Ion Ratio Lower Upper

63 100

112 0.5 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.190 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032075.D

Acq: 17 May 2019 02:53

Instrument :

MSVOA_U

ClientSampleId :

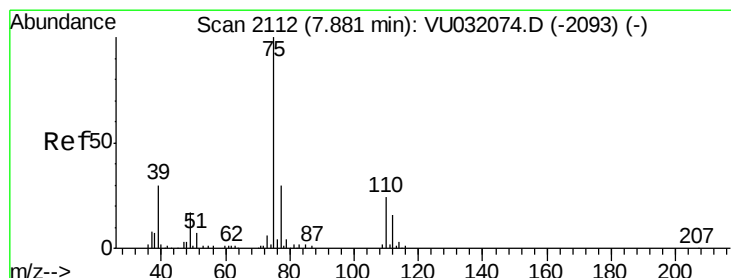
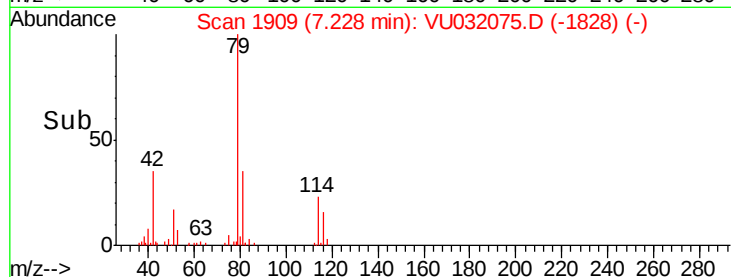
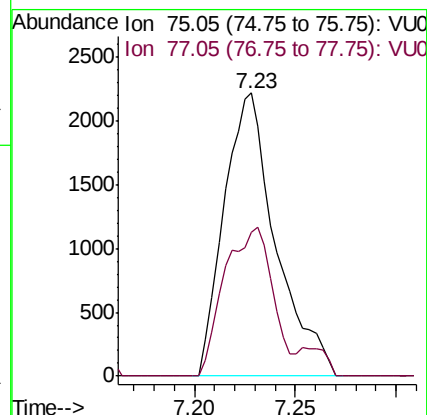
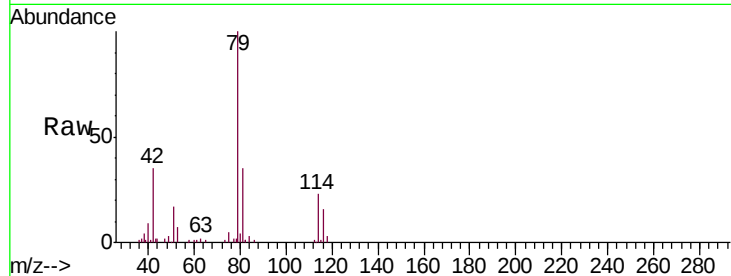
VBLK17

Tgt Ion: 75 Resp: 3959

Ion Ratio Lower Upper

75 100

77 50.9 21.7 40.3#



#44

trans-1,3-Dichloropropene

Concen: 0.173 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032075.D

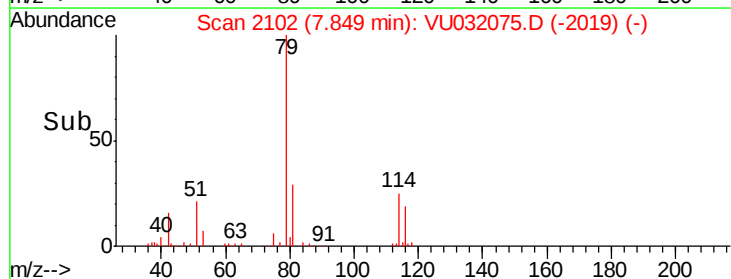
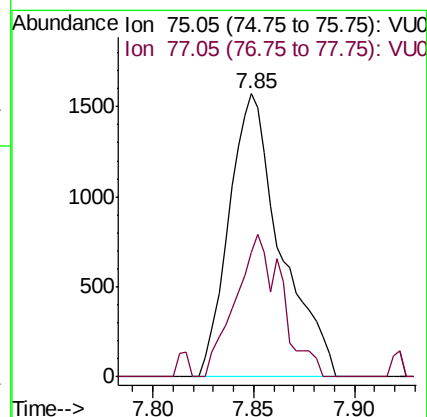
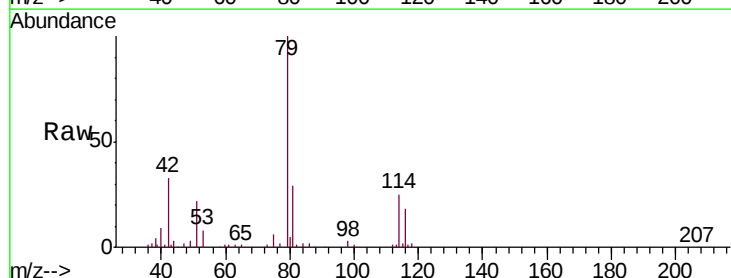
Acq: 17 May 2019 02:53

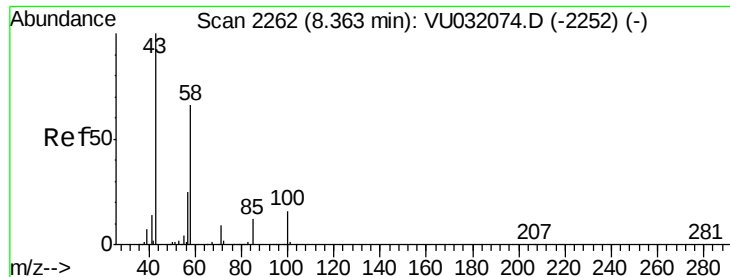
Tgt Ion: 75 Resp: 2802

Ion Ratio Lower Upper

75 100

77 44.0 21.0 39.0#

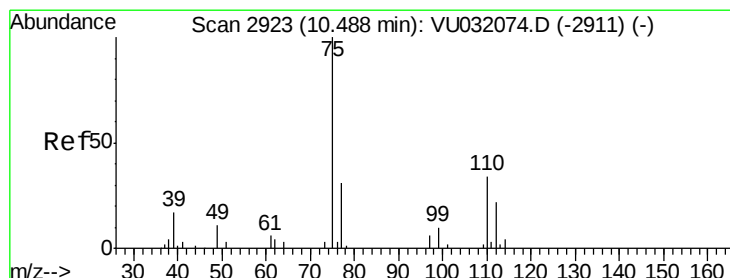
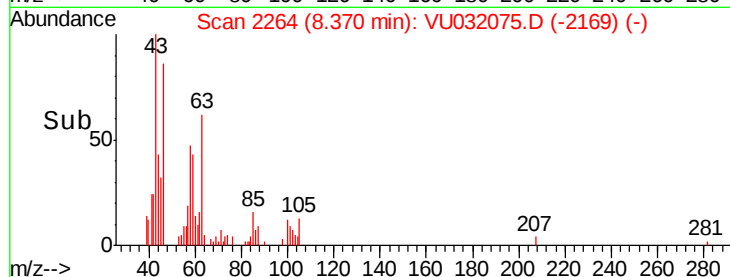
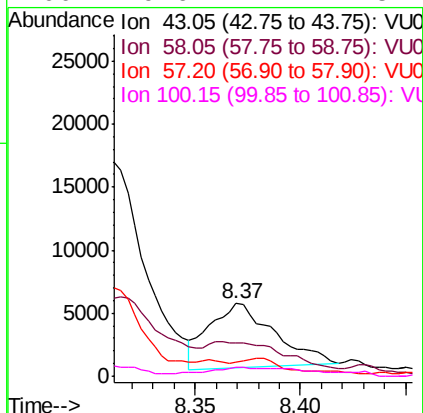
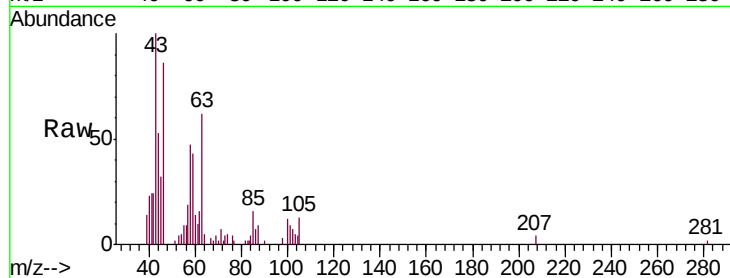




#48
 2-Hexanone
 Concen: 2.025 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032075.D
 Acq: 17 May 2019 02:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

Tgt Ion: 43 Resp: 10957
 Ion Ratio Lower Upper
 43 100
 58 67.9 51.6 77.4
 57 16.8 18.4 27.6#
 100 19.6 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.750 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032075.D
 Acq: 17 May 2019 02:53

Tgt Ion: 75 Resp: 16723
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.2 39.2

