

Data File : VU032284.D
Acq On : 23 May 2019 21:57
Operator : JC/SP
Sample : K3018-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: May 24 03:00:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	351256	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87102	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	85801	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.27	63	136905	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.20	46	269694	48.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.94%
24) Chloroform-d	4.64	84	238531	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.31	65	132970	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.33	84	453083	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	151748	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.56	98	412875	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.85	79	54687	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.31	63	235150	48.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	156232	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	197741	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

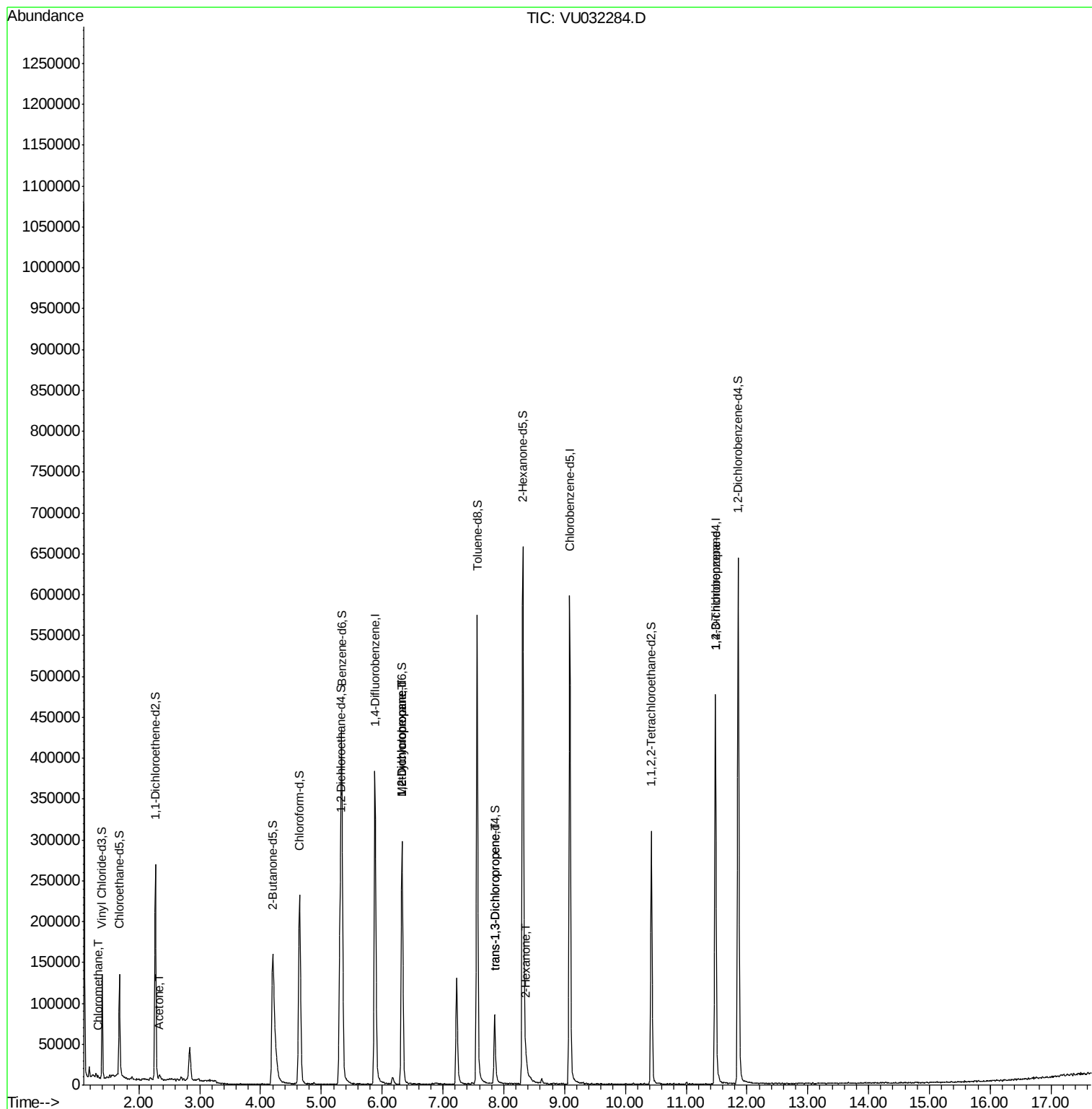
						Qvalue
3) Chloromethane	1.32	50	2154	0.143	ug/L	93
13) Acetone	2.33	43	2202	1.277	ug/L	67
35) Methylcyclohexane	6.32	83	36163	1.871	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	16605	1.410	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	2536	0.193	ug/L	90
48) 2-Hexanone	8.37	43	6981	1.529	ug/L #	95
59) 1,2,3-Trichloropropane	11.48	75	14130	1.843	ug/L	91

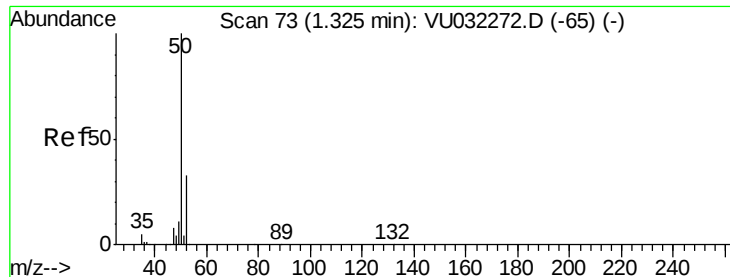
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.143 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Acq: 23 May 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

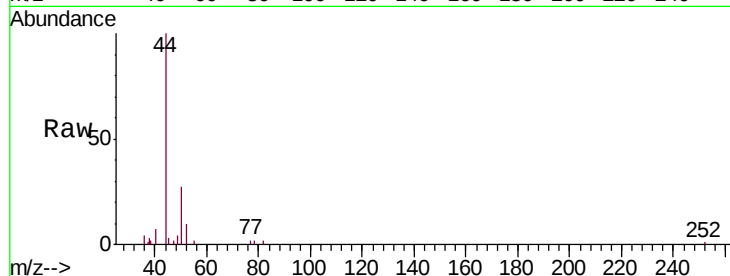
VHBLK02

Tgt Ion: 50 Resp: 2154

Ion Ratio Lower Upper

50 100

52 37.0 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032272.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032284.D (-293) (-)

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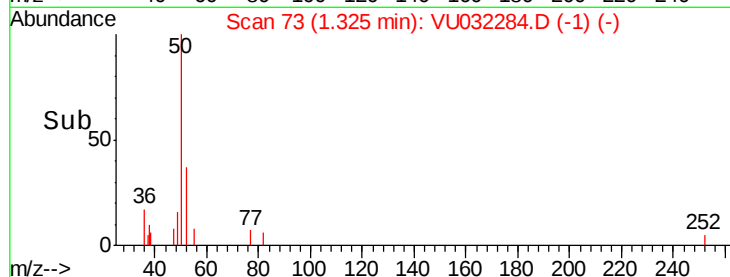
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1.32

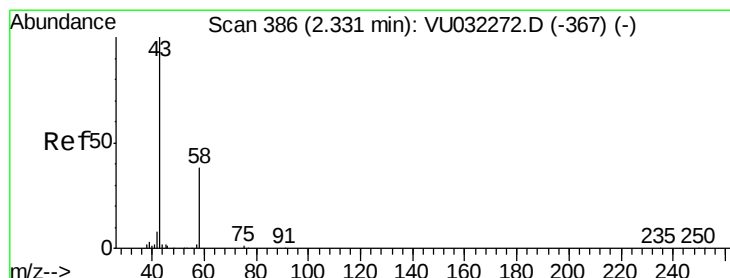
1.32

1.32

1.32



Time-->



#13

Acetone

Concen: 1.277 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.00 min

Lab File: VU032284.D

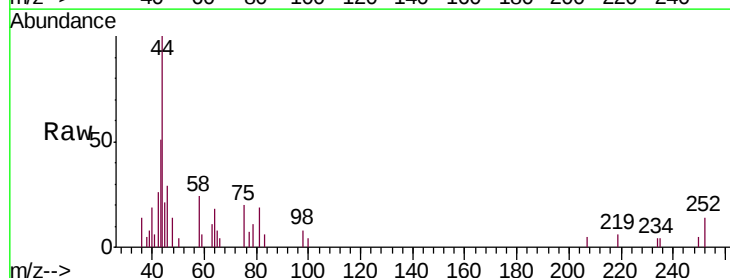
Acq: 23 May 2019 21:57

Tgt Ion: 43 Resp: 2202

Ion Ratio Lower Upper

43 100

58 55.9 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032272.D (-367) (-)

Ion 58.05 (57.75 to 58.75): VU032284.D (-293) (-)

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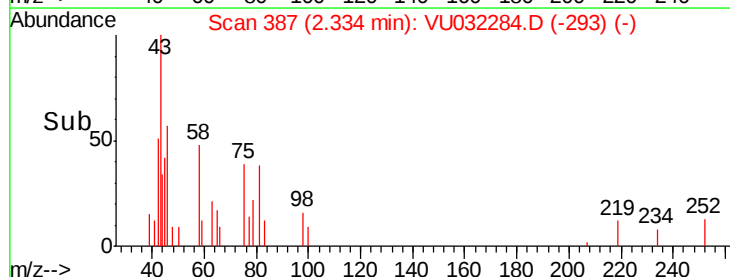
2.33

2.33

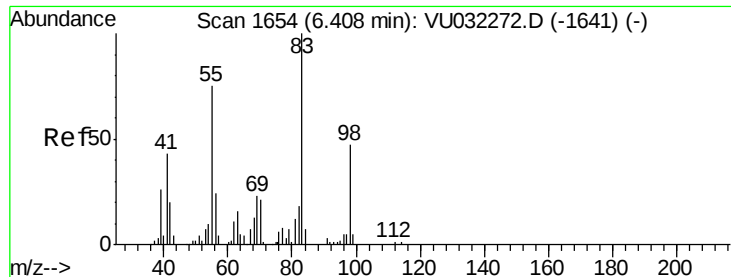
2.33

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2.33



Time-->



#35

Methylcyclohexane

Concen: 1.871 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032284.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

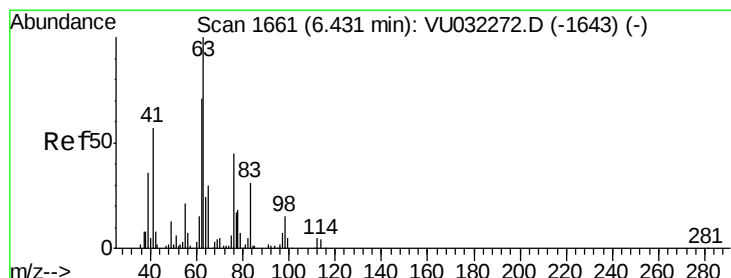
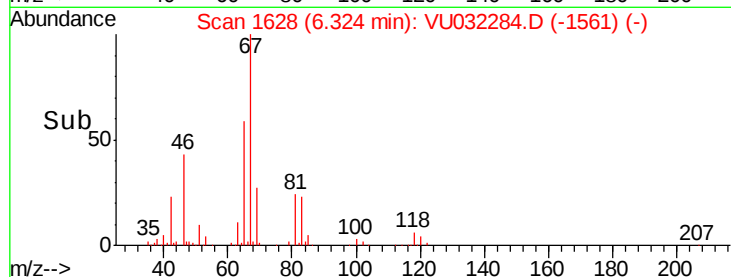
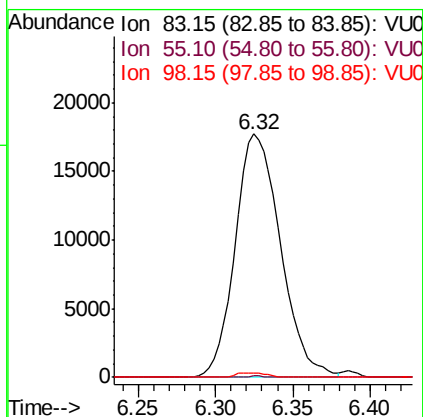
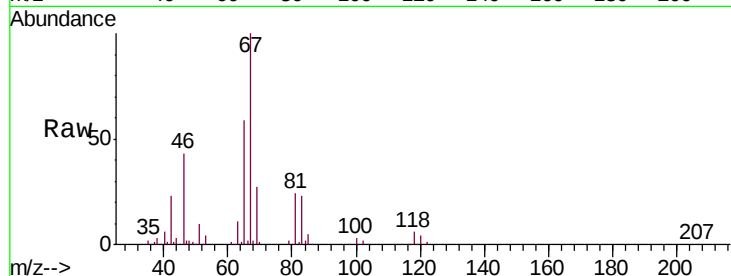
Tgt Ion: 83 Resp: 36163

Ion Ratio Lower Upper

83 100

55 0.1 59.7 89.5#

98 1.2 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 1.410 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU032284.D

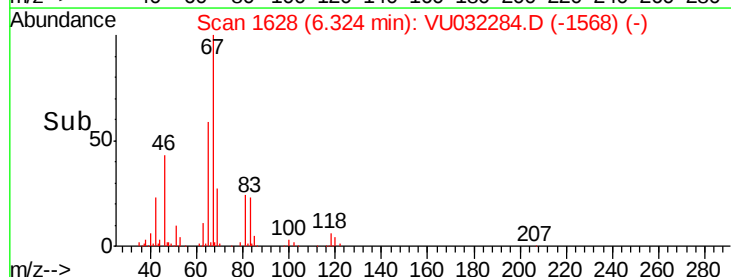
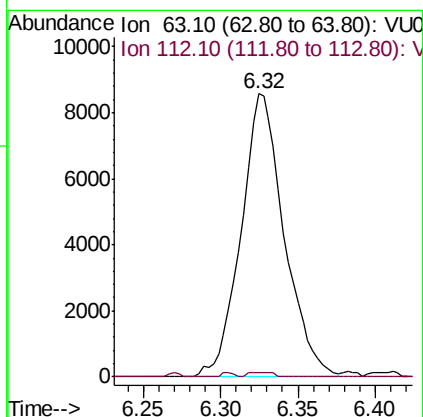
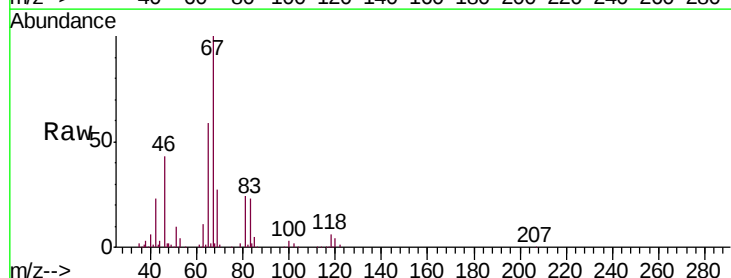
Acq: 23 May 2019 21:57

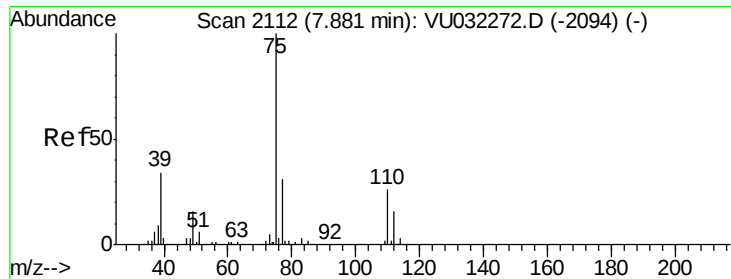
Tgt Ion: 63 Resp: 16605

Ion Ratio Lower Upper

63 100

112 0.9 3.8 5.8#

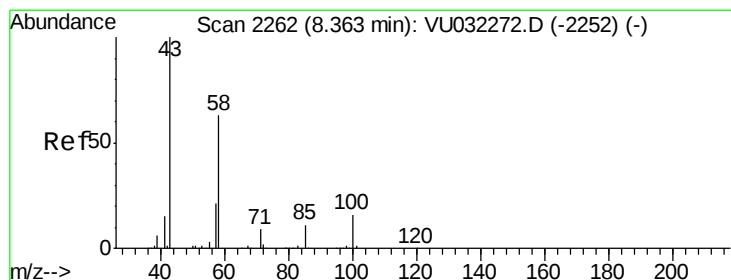
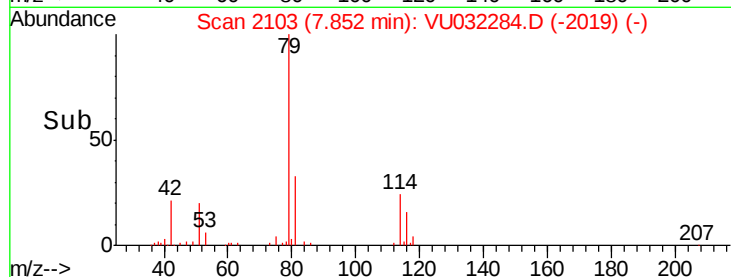
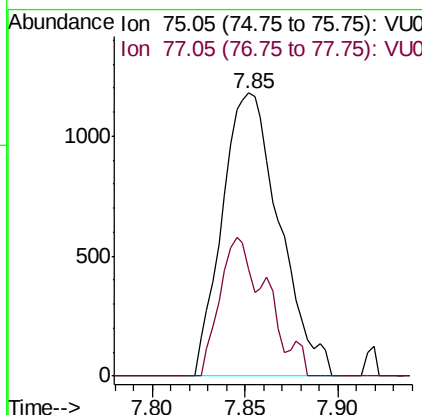
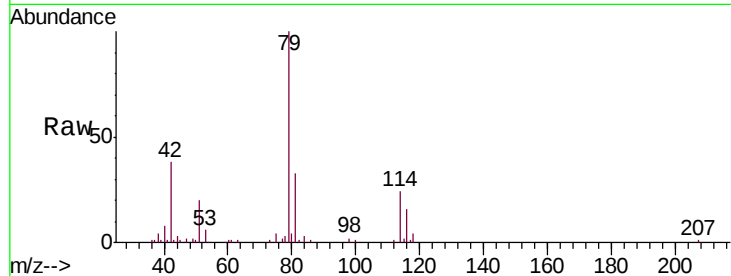




#44
trans-1,3-Dichloropropene
Concen: 0.193 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032284.D
Acq: 23 May 2019 21:57

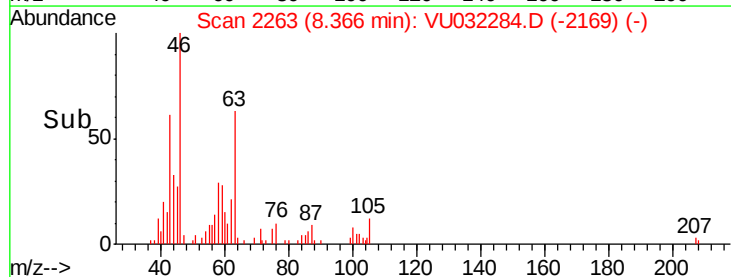
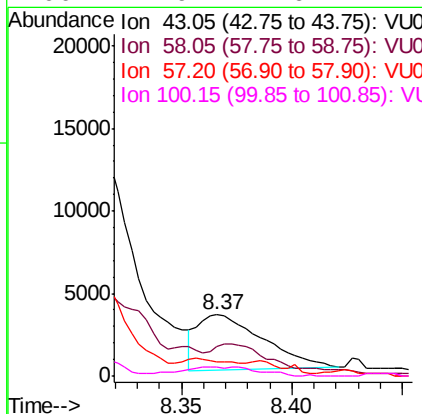
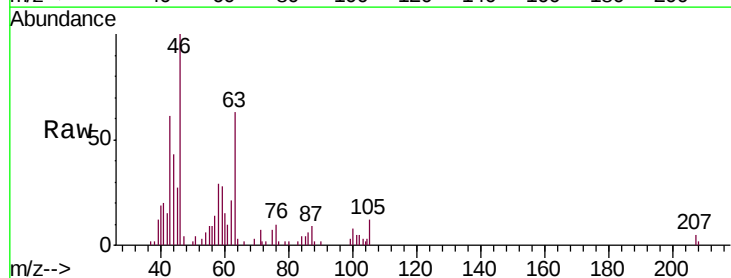
Instrument :
MSVOA_U
ClientSampled :
VHBLK02

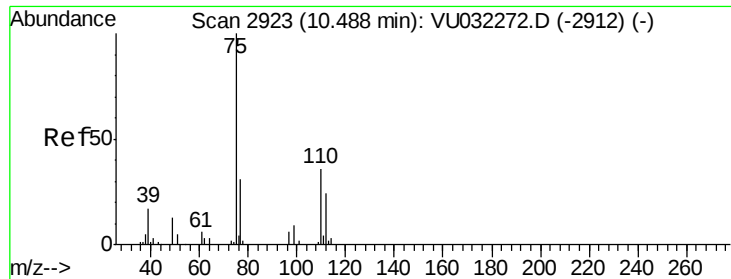
Tgt Ion: 75 Resp: 2536
Ion Ratio Lower Upper
75 100
77 37.9 22.5 41.9



#48
2-Hexanone
Concen: 1.529 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032284.D
Acq: 23 May 2019 21:57

Tgt Ion: 43 Resp: 6981
Ion Ratio Lower Upper
43 100
58 59.7 49.7 74.5
57 22.5 17.1 25.7
100 7.9 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 1.843 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032284.D

Acq: 23 May 2019 21:57

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 14130

Ion Ratio Lower Upper

75 100

77 40.7 28.2 42.4

