

Data File : VU029435.D
Acq On : 12 Feb 2019 21:17
Operator : JC/SP
Sample : K1436-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Feb 13 03:31:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205881	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194902	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105021	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59573	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.68	69	52964	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	98082	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.19	46	133930	46.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	4.65	84	89130	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.31	65	54352	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.34	84	216329	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.33	67	63966	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	208149	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	25324	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	137509	48.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51934	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	87825	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

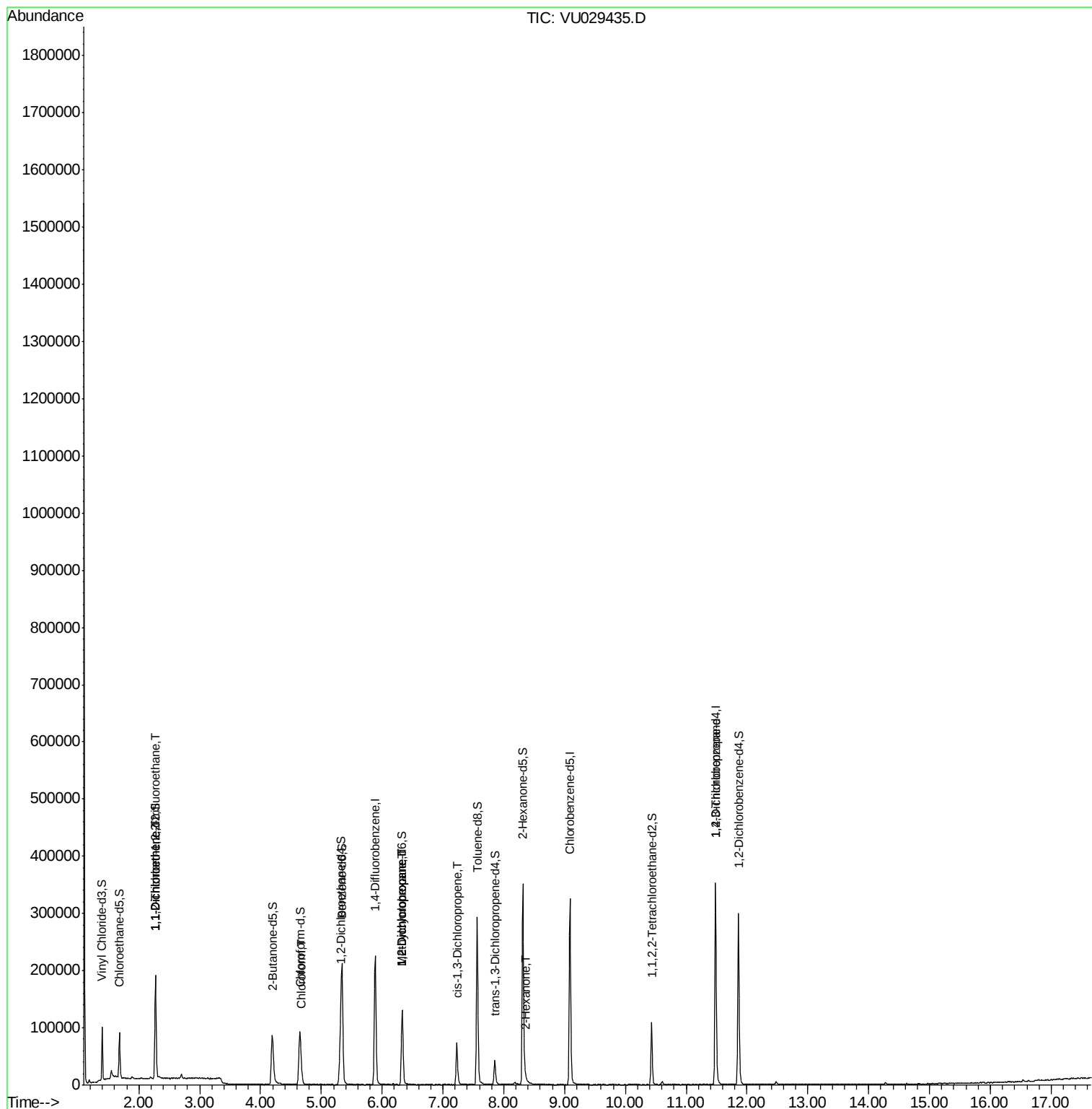
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1286	0.072	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	1270	0.075	ug/L #	1
25) Chloroform	4.68	83	15077	0.554	ug/L	99
35) Methylcyclohexane	6.33	83	15822	0.583	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6725	0.468	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2045	0.090	ug/L #	82
48) 2-Hexanone	8.37	43	1967	0.326	ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	10285	1.116	ug/L	89

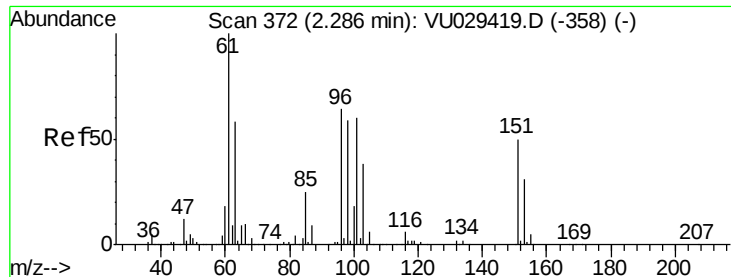
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.072 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Acq: 12 Feb 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

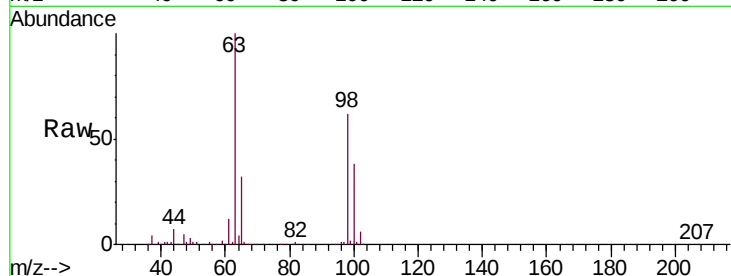
Tgt Ion: 101 Resp: 1286

Ion Ratio Lower Upper

101 100

85 1.6 35.1 52.7#

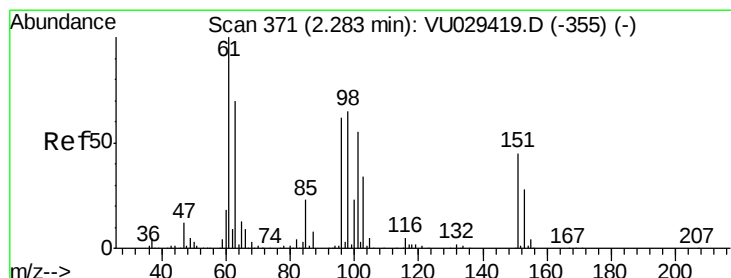
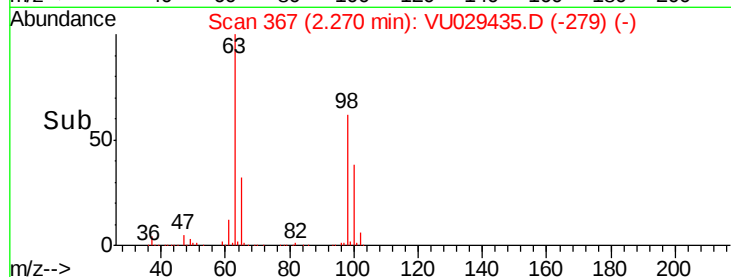
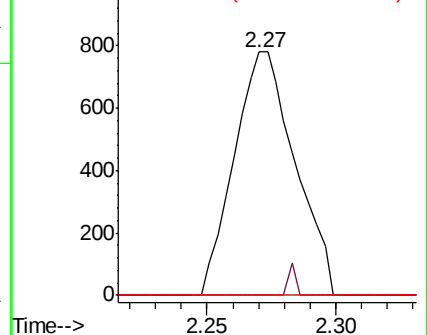
151 0.0 67.0 100.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.075 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029435.D

Acq: 12 Feb 2019 21:17

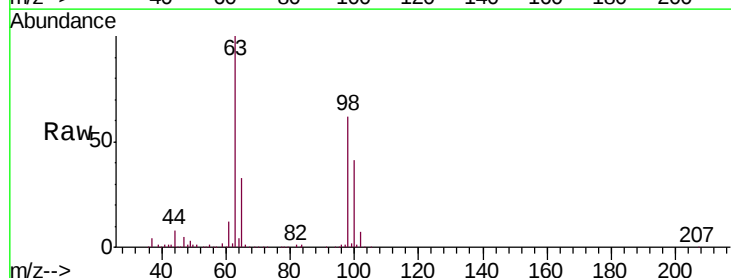
Tgt Ion: 96 Resp: 1270

Ion Ratio Lower Upper

96 100

61 951.0 115.1 213.7#

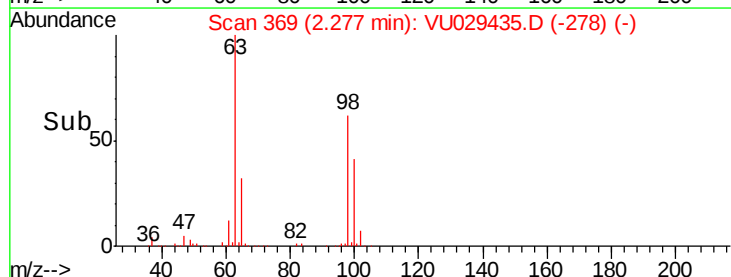
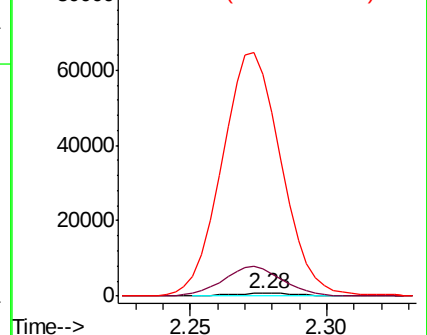
63 7860.1 83.5 155.1#

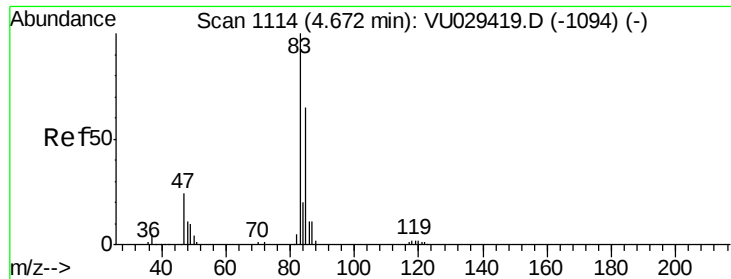


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 0.554 ug/L

RT: 4.68 min Scan# 1115

Delta R.T. 0.00 min

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ClientSampleId :

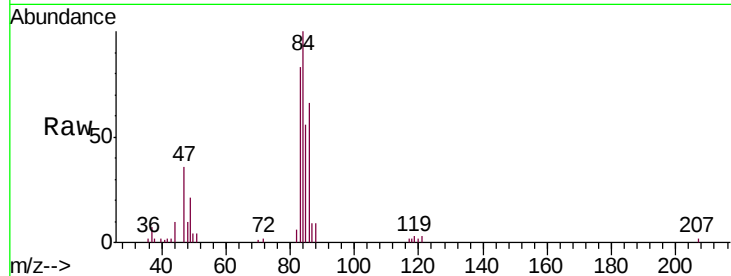
VHBLK01

Tgt Ion: 83 Resp: 15077

Ion Ratio Lower Upper

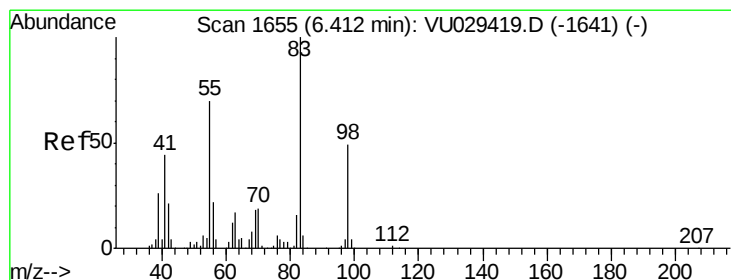
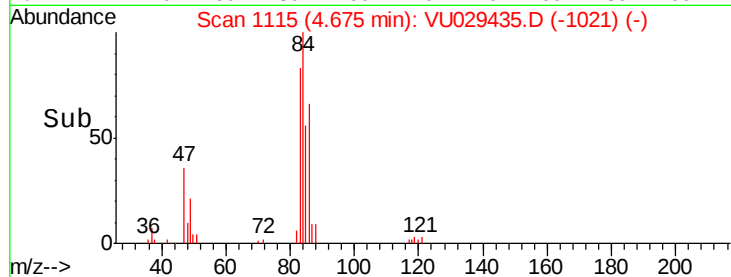
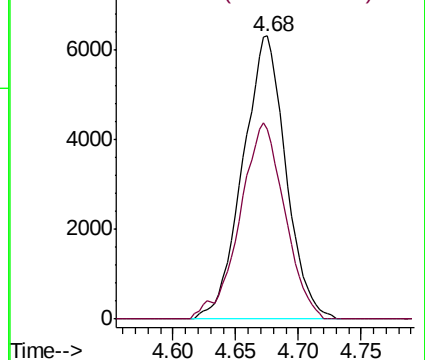
83 100

85 67.1 47.8 88.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.583 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.08 min

Lab File: VU029435.D

Acq: 12 Feb 2019 21:17

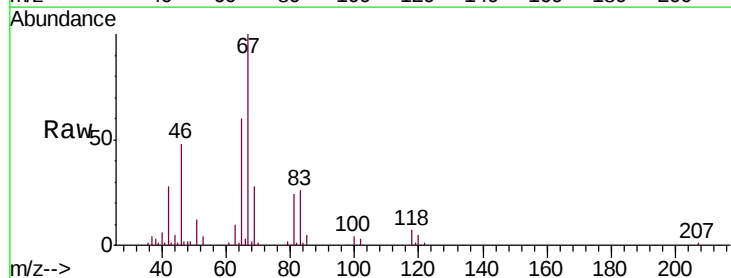
Tgt Ion: 83 Resp: 15822

Ion Ratio Lower Upper

83 100

55 0.6 55.9 83.9#

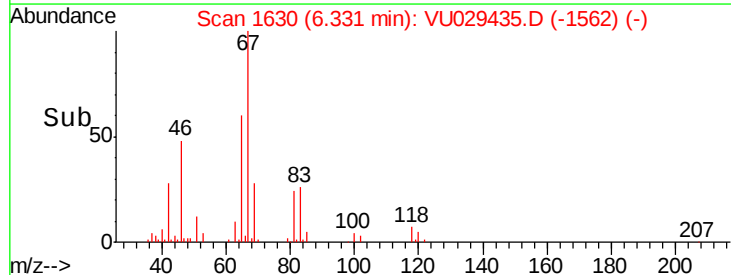
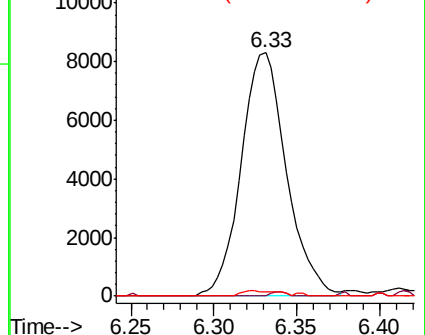
98 0.3 38.6 57.8#

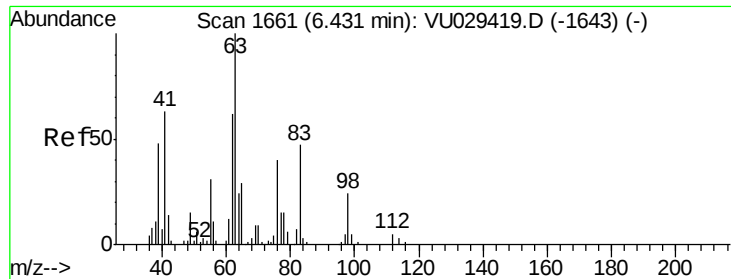


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029435.D

Acq: 12 Feb 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

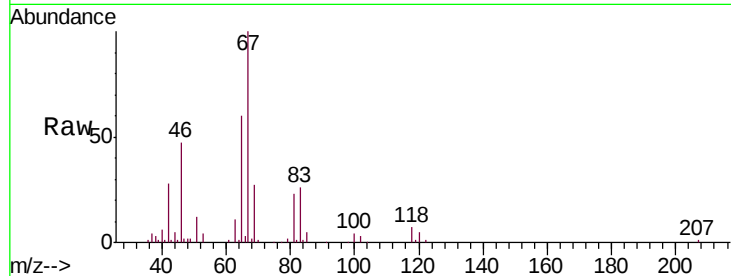
VHBLK01

Tgt Ion: 63 Resp: 6725

Ion Ratio Lower Upper

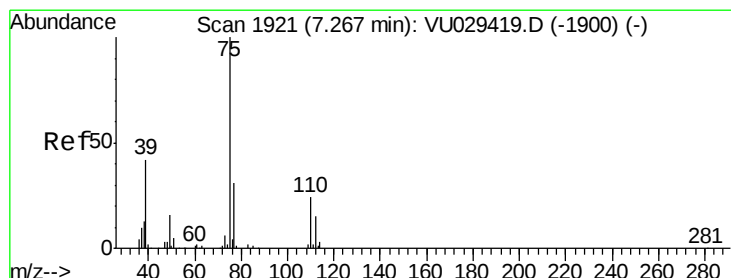
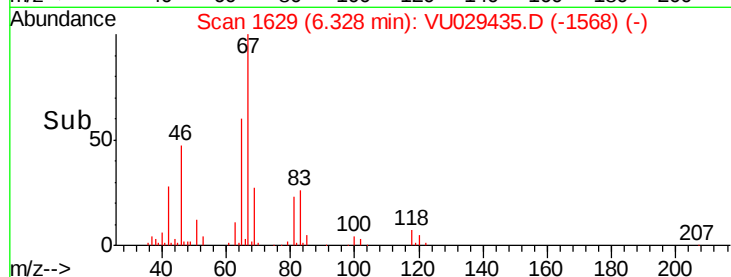
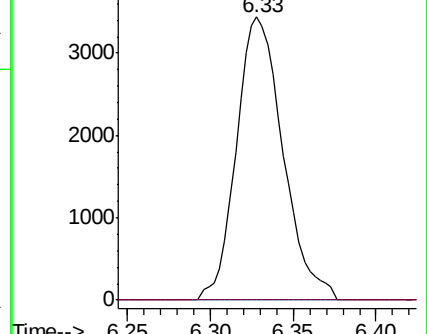
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU029435.D

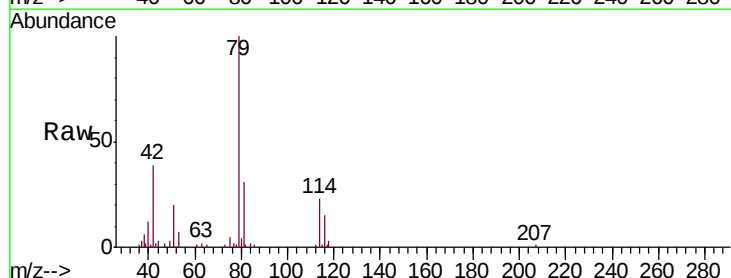
Acq: 12 Feb 2019 21:17

Tgt Ion: 75 Resp: 2045

Ion Ratio Lower Upper

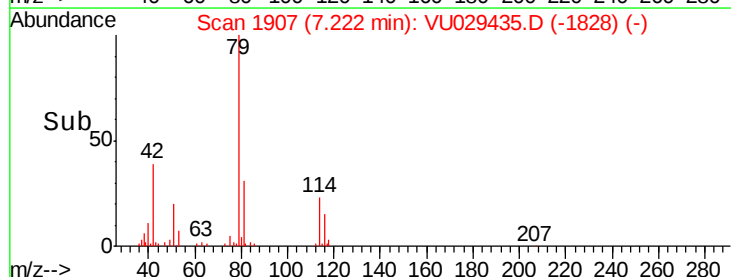
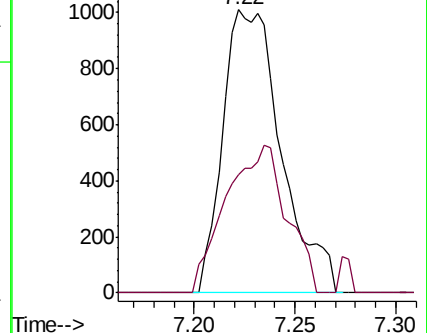
75 100

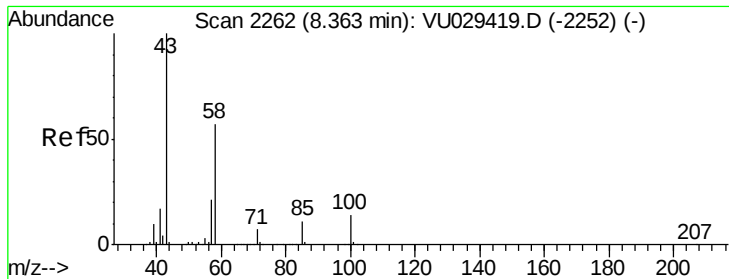
77 41.8 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

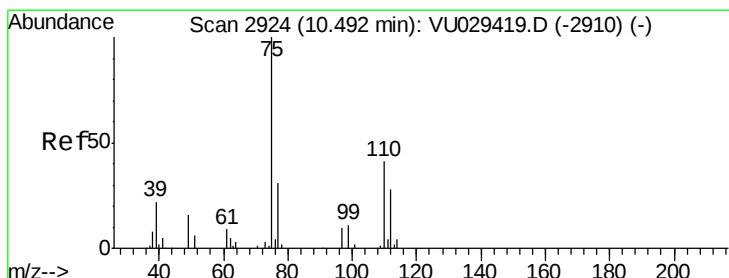
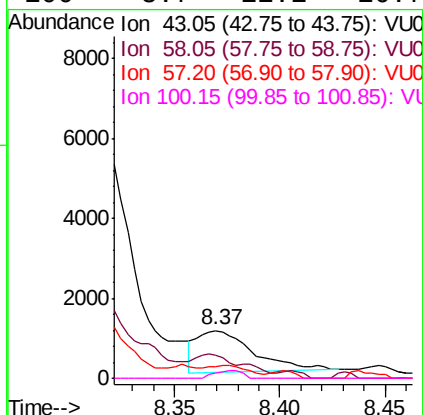
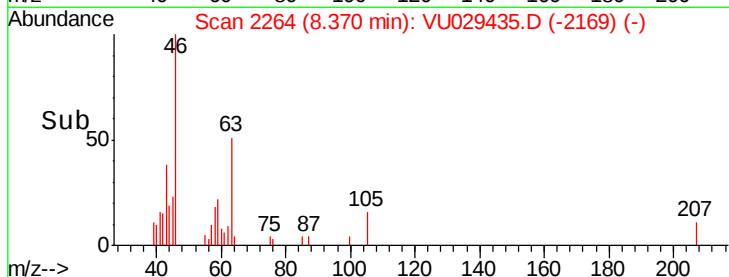
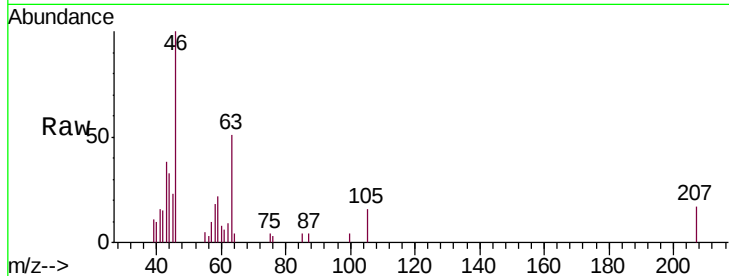




#48
2-Hexanone
Concen: 0.326 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029435.D
Acq: 12 Feb 2019 21:17

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
58 52.6 45.7 68.5
57 11.4 16.4 24.6#
100 8.7 11.1 16.7#



#59
1,2,3-Trichloropropane
Concen: 1.116 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029435.D
Acq: 12 Feb 2019 21:17

Tgt Ion: 75 Resp: 10285
Ion Ratio Lower Upper
75 100
77 41.6 28.2 42.2

