

Data File : VU029665.D
Acq On : 25 Feb 2019 18:00
Operator : JC/SP
Sample : K1600-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Y8

Quant Time: Feb 26 00:17:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463552	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133893	39.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.84%
7) Chloroethane-d5	1.68	69	121232	40.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.30%
11) 1,1-Dichloroethene-d2	2.27	63	194810	29.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.68%#
21) 2-Butanone-d5	4.17	46	198839	96.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.19%
24) Chloroform-d	4.65	84	249792	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	5.31	65	162259	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.34	84	545855	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	166059	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.28%
41) Toluene-d8	7.56	98	515474	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.85	79	78431	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.31	63	157382	83.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	251797	44.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	214192	45.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.26%

Target Compounds

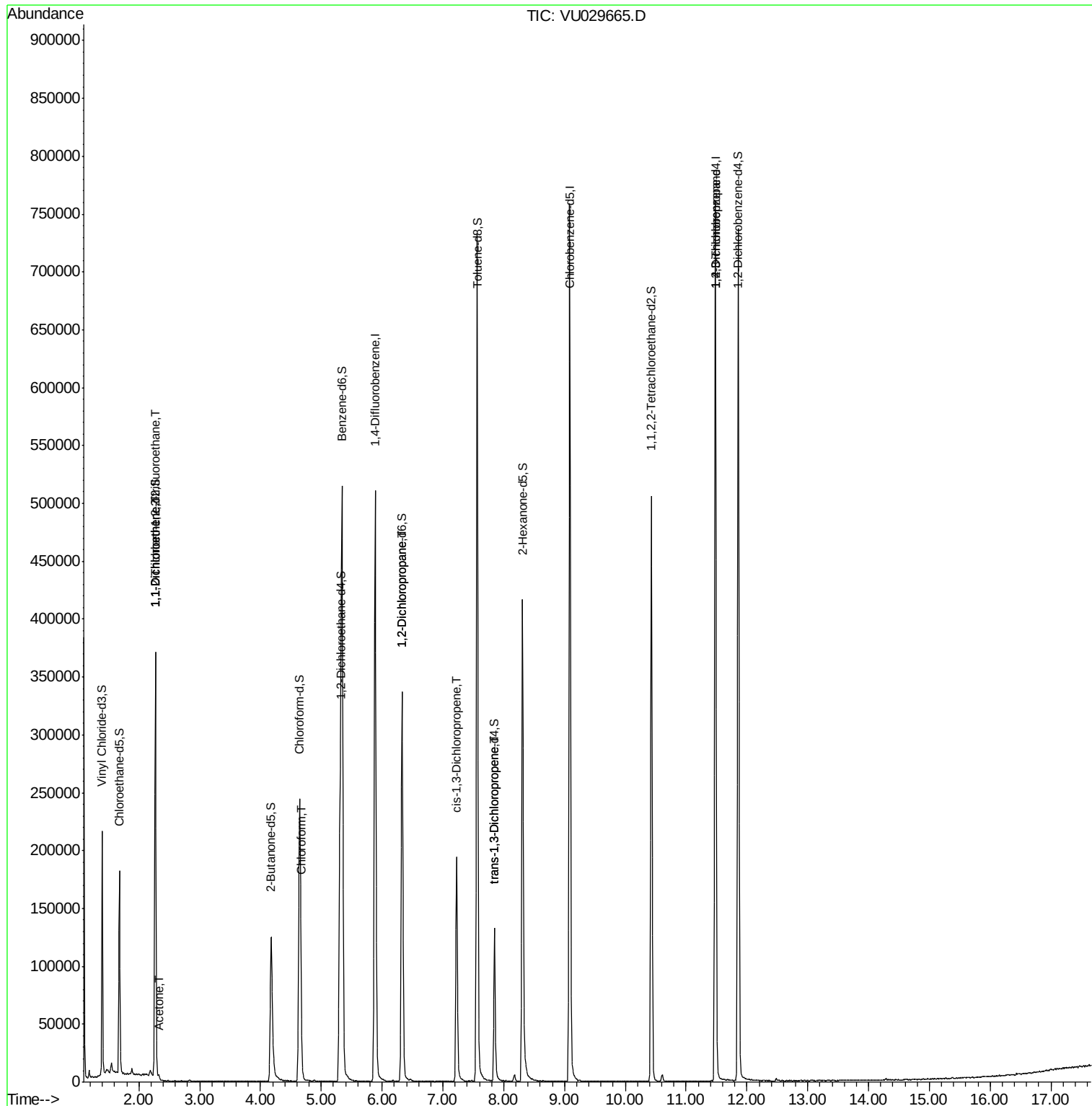
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2024	0.627	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1913	0.623	ug/L #	1
13) Acetone	2.32	43	2514	1.138	ug/L	98
25) Chloroform	4.67	83	9915	1.814	ug/L	96
37) 1,2-Dichloropropane	6.32	63	17959	5.978	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	4375	0.903	ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	3212	0.703	ug/L	89
59) 1,2,3-Trichloropropane	11.48	75	21889	5.110	ug/L	93

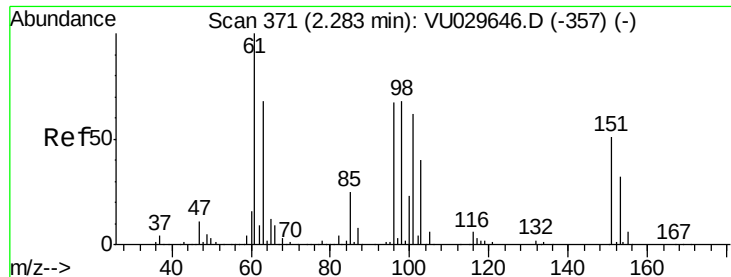
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.627 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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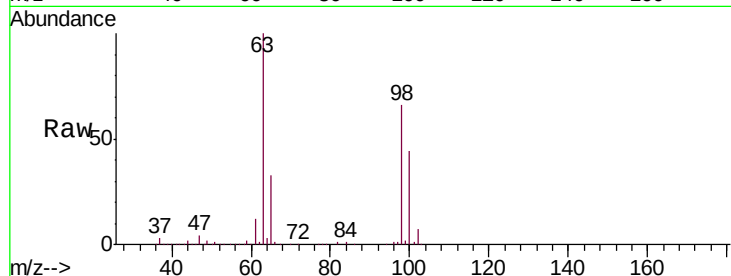
Tgt Ion: 101 Resp: 2024

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

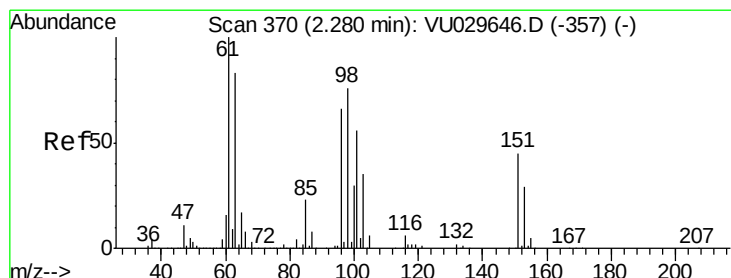
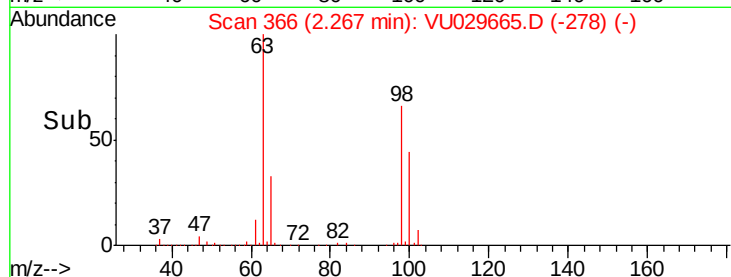
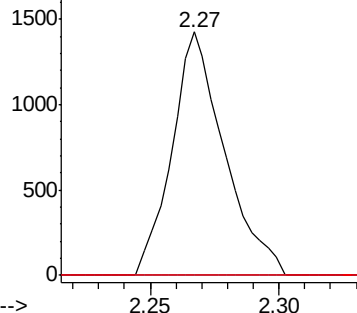
151 0.0 65.7 98.5#



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: 0.623 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029665.D

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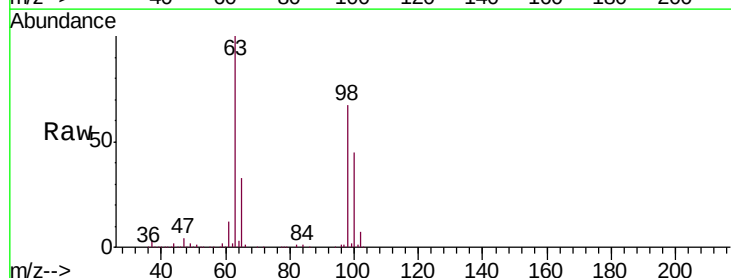
Tgt Ion: 96 Resp: 1913

Ion Ratio Lower Upper

96 100

61 1340.3 114.0 211.8#

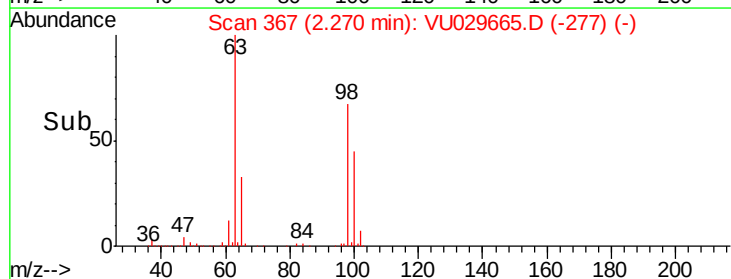
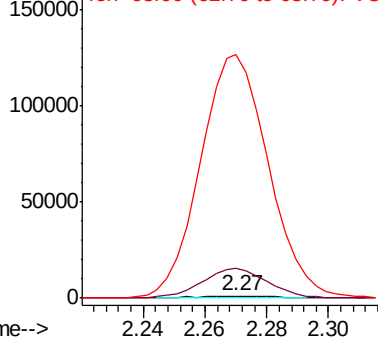
63 10979.0 98.7 183.3#

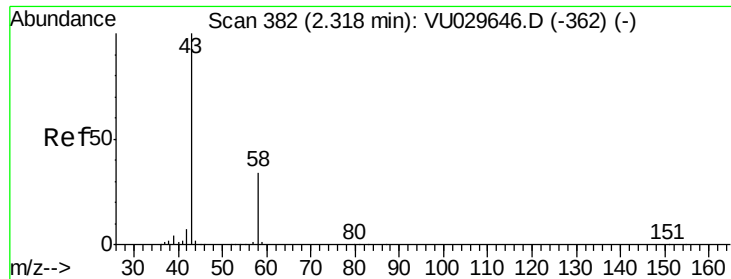


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.138 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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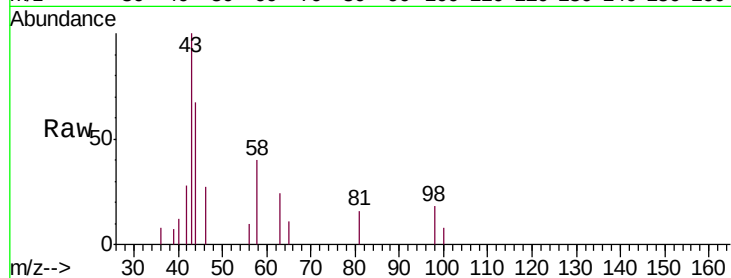
BF7Y8

Tgt Ion: 43 Resp: 2514

Ion Ratio Lower Upper

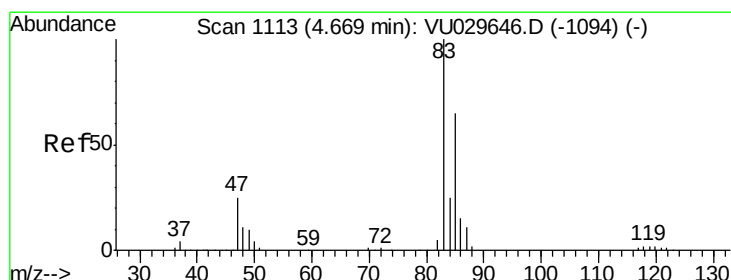
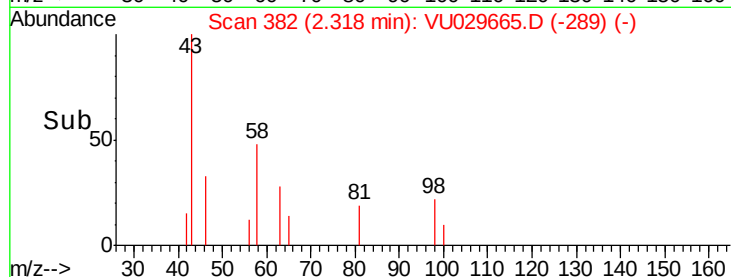
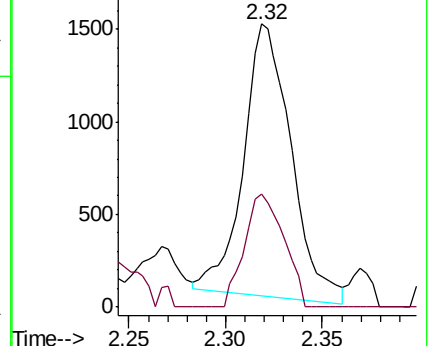
43 100

58 34.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.814 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029665.D

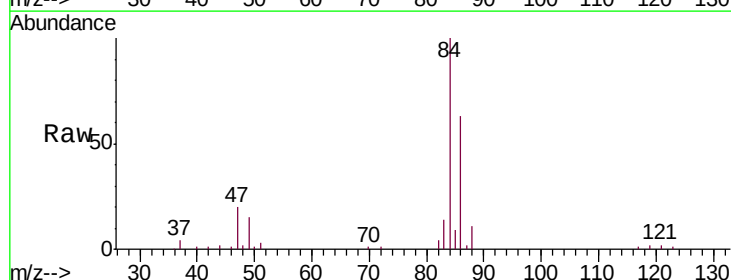
Acq: 25 Feb 2019 18:00

Tgt Ion: 83 Resp: 9915

Ion Ratio Lower Upper

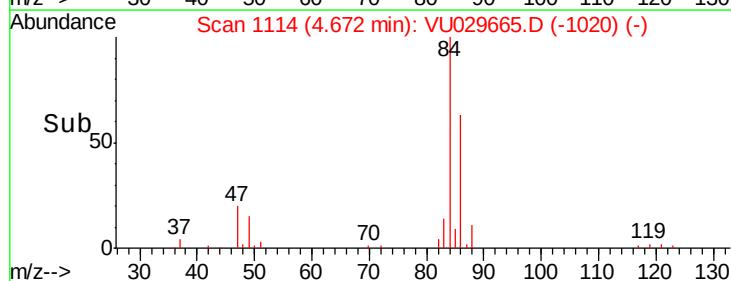
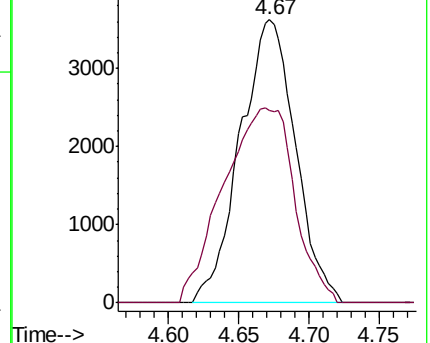
83 100

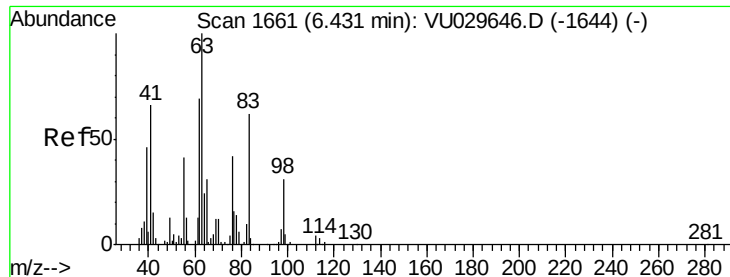
85 67.9 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

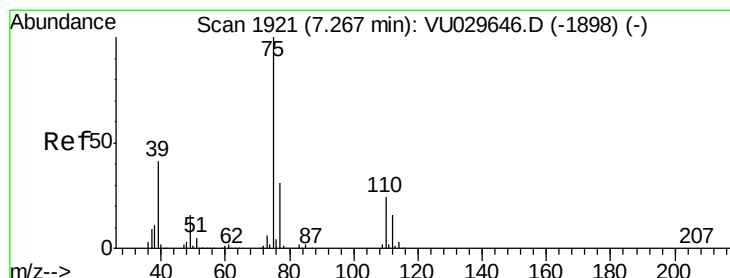
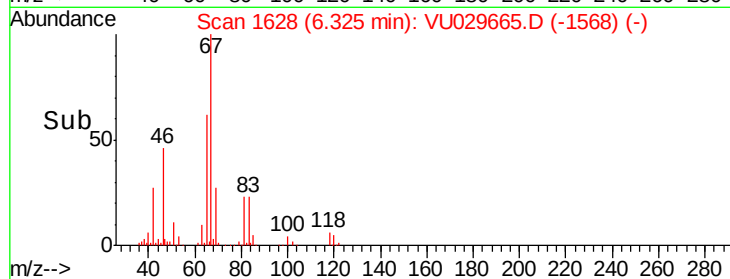
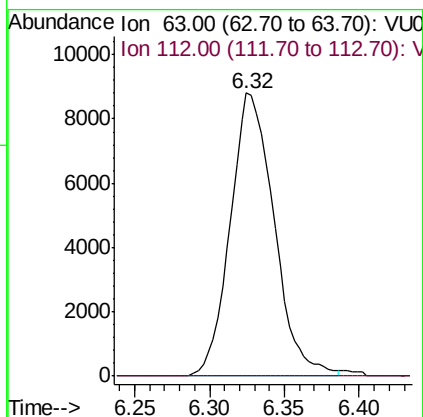
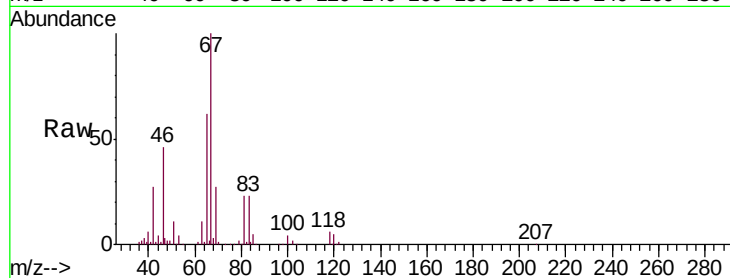




#37
 1,2-Dichloropropane
 Concen: 5.978 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.11 min
 Lab File: VU029665.D
 Acq: 25 Feb 2019 18:00

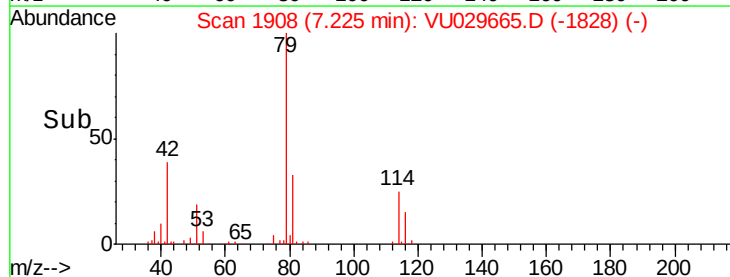
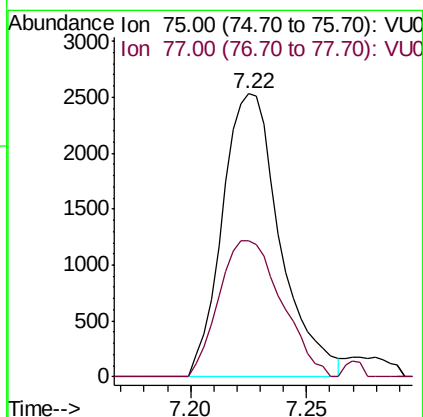
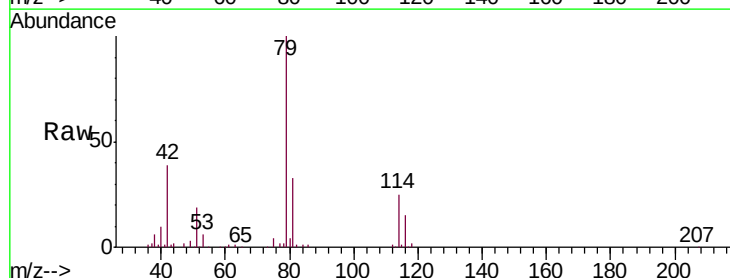
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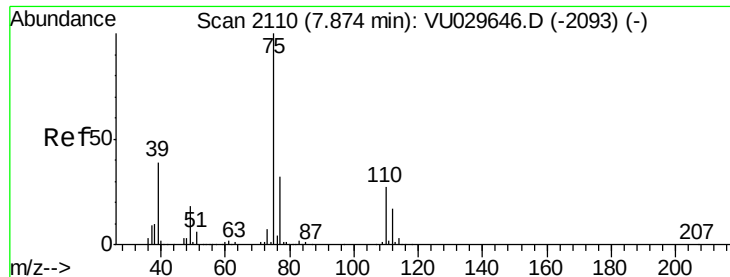
Tgt Ion: 63 Resp: 17959
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.903 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029665.D
 Acq: 25 Feb 2019 18:00

Tgt Ion: 75 Resp: 4375
 Ion Ratio Lower Upper
 75 100
 77 48.1 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU029665.D

Acq: 25 Feb 2019 18:00

Instrument :

MSVOA_U

ClientSampleId :

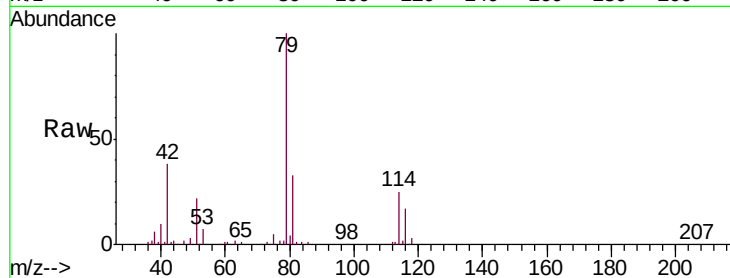
BF7Y8

Tgt Ion: 75 Resp: 3212

Ion Ratio Lower Upper

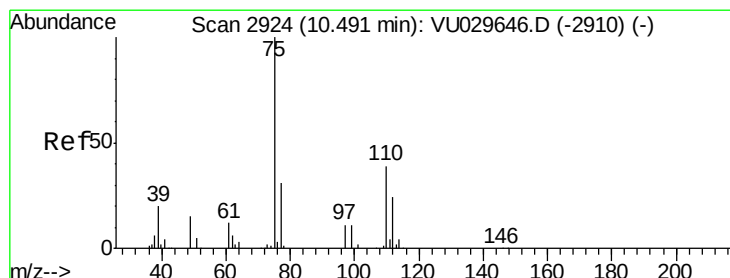
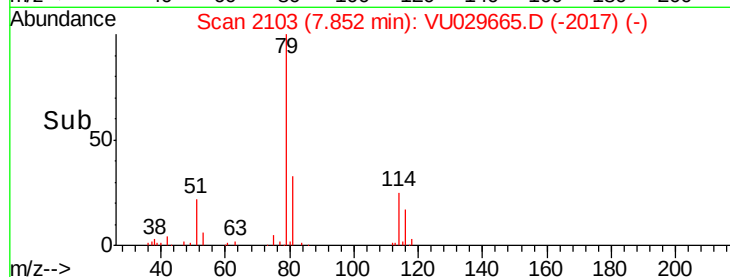
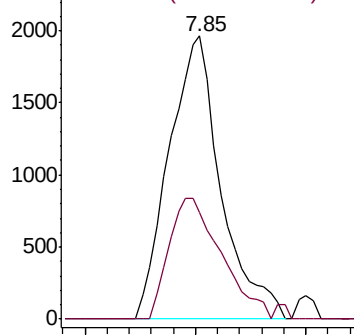
75 100

77 37.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.110 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029665.D

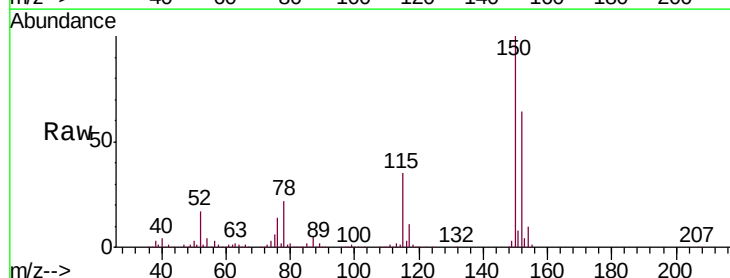
Acq: 25 Feb 2019 18:00

Tgt Ion: 75 Resp: 21889

Ion Ratio Lower Upper

75 100

77 35.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

