

Data File : VU029610.D
Acq On : 22 Feb 2019 11:06
Operator : JC/SP
Sample : K1552-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Y9

Quant Time: Feb 22 22:17:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480517	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155821	44.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.50%
7) Chloroethane-d5	1.68	69	137731	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	208700	30.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.64%
21) 2-Butanone-d5	4.17	46	260238	121.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.45%
24) Chloroform-d	4.65	84	277600	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
26) 1,2-Dichloroethane-d4	5.31	65	180624	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.34	84	596308	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
36) 1,2-Dichloropropane-d6	6.33	67	183190	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.52%
41) Toluene-d8	7.56	98	564964	47.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.94%
43) trans-1,3-Dichloropropene-	7.85	79	85021	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.31	63	235516	121.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289577	49.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	236706	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

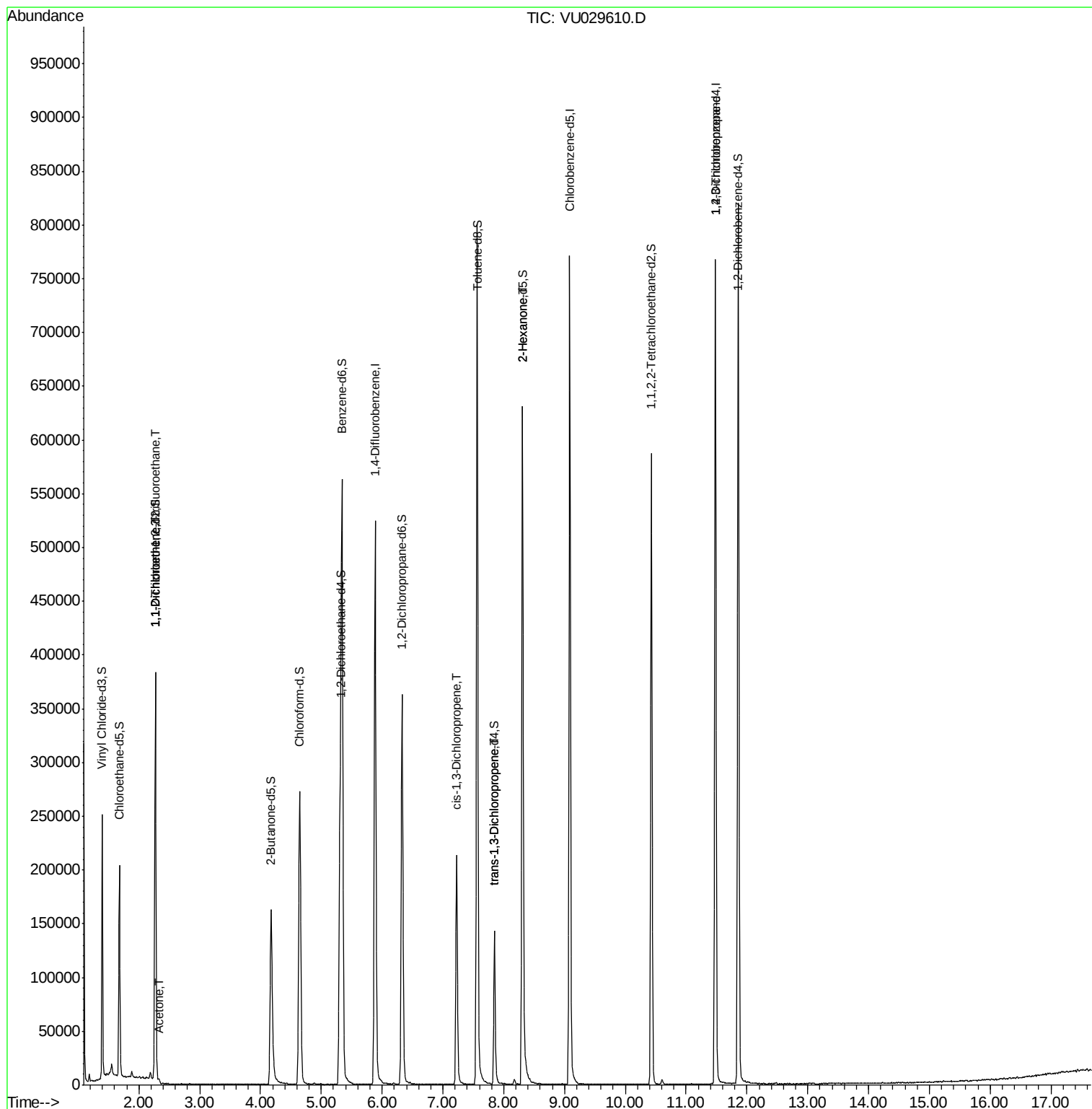
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2140	0.639	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1903	0.598	ug/L #	1
13) Acetone	2.32	43	1842	0.804	ug/L	91
39) cis-1,3-Dichloropropene	7.22	75	5351	1.074	ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	3834	0.817	ug/L	86
48) 2-Hexanone	8.31	43	24098	6.355	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	21860	4.967	ug/L	91

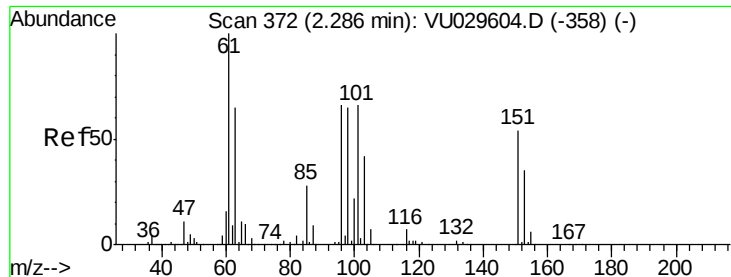
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.639 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029610.D

Acq: 22 Feb 2019 11:06

Instrument :

MSVOA_U

ClientSampled :

BF5Y9

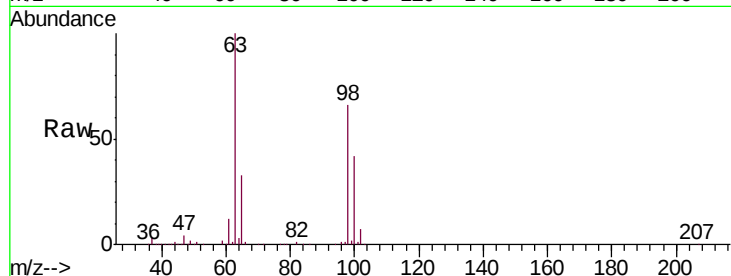
Tgt Ion: 101 Resp: 2140

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

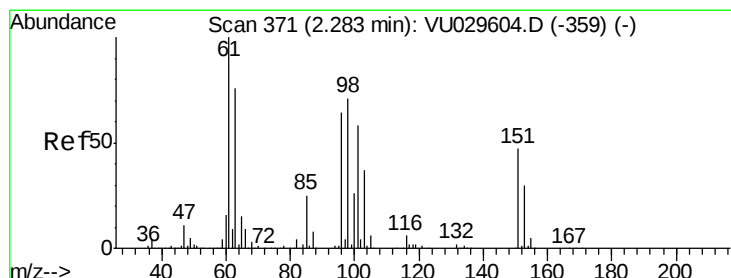
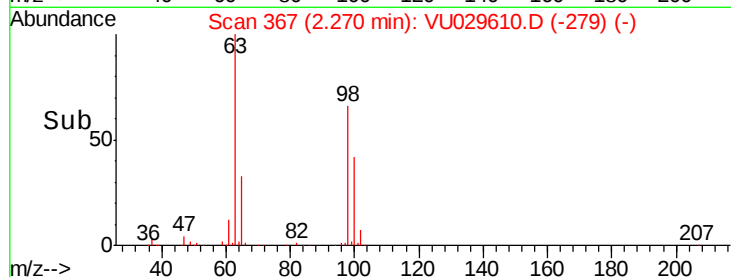
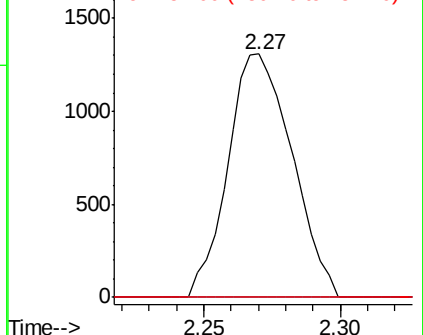
151 0.0 65.7 98.5#



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: 0.598 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029610.D

Acq: 22 Feb 2019 11:06

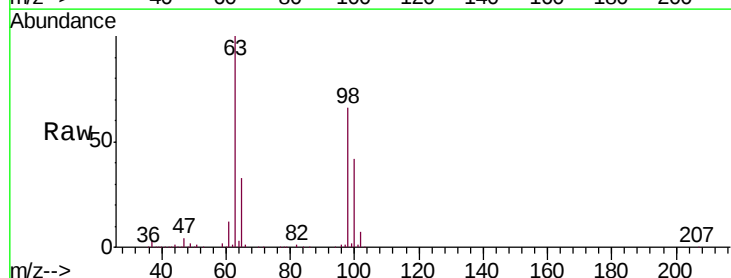
Tgt Ion: 96 Resp: 1903

Ion Ratio Lower Upper

96 100

61 1451.1 114.0 211.8#

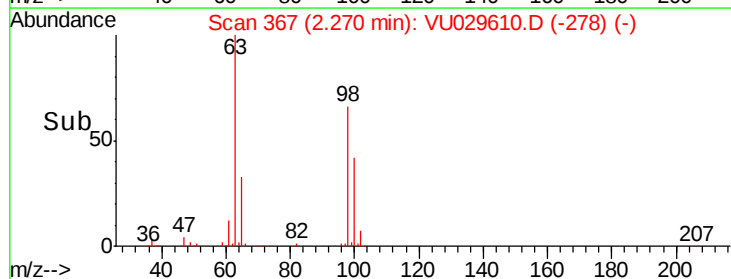
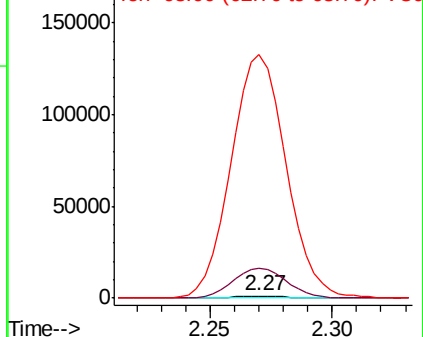
63 12061.8 98.7 183.3#

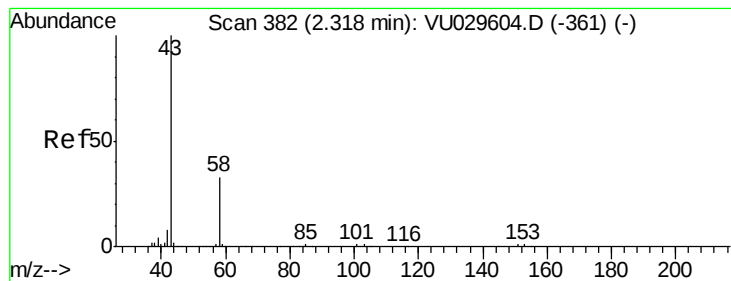


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.804 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029610.D

Acq: 22 Feb 2019 11:06

Instrument :

MSVOA_U

ClientSampleId :

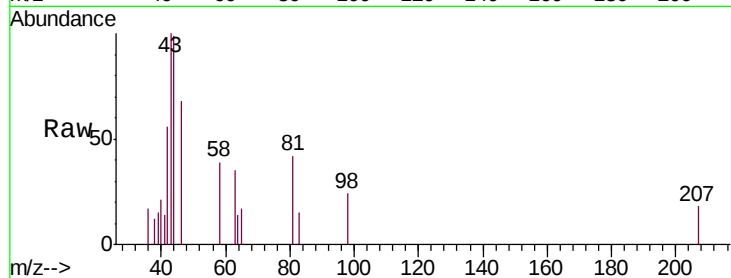
BF5Y9

Tgt Ion: 43 Resp: 1842

Ion Ratio Lower Upper

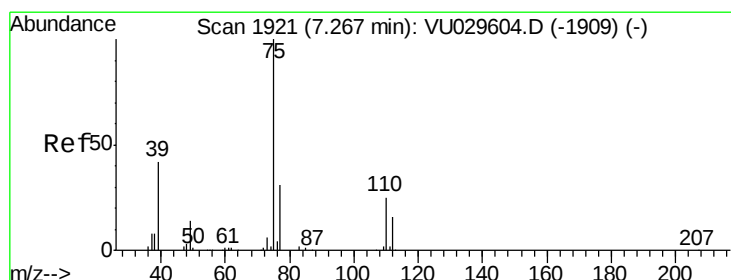
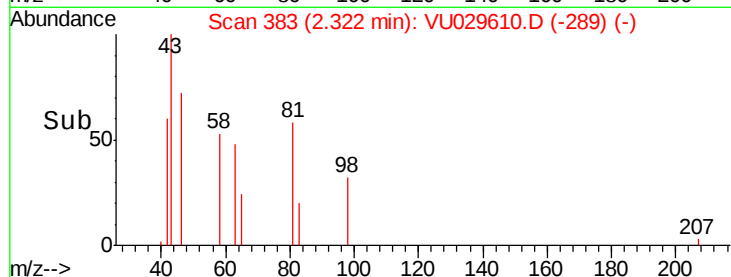
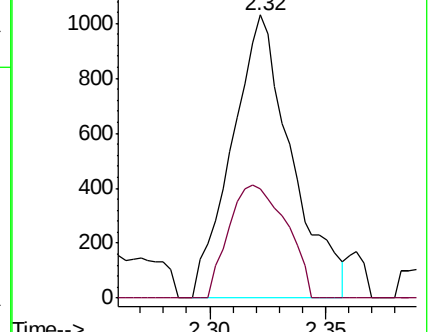
43 100

58 38.5 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029610.D (-383) (-)

Ion 58.00 (57.70 to 58.70): VU029610.D (-383) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.074 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU029610.D

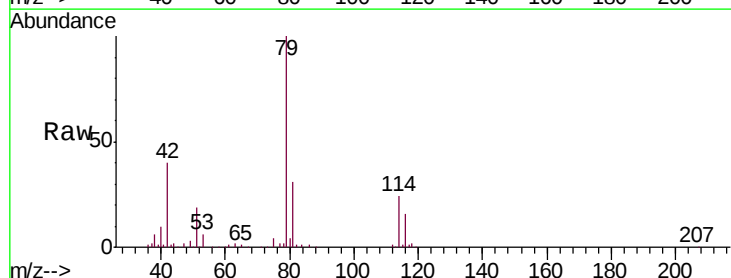
Acq: 22 Feb 2019 11:06

Tgt Ion: 75 Resp: 5351

Ion Ratio Lower Upper

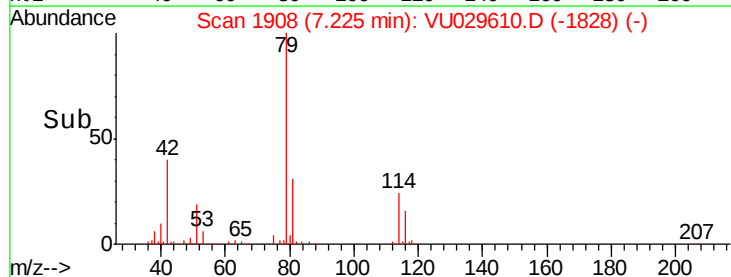
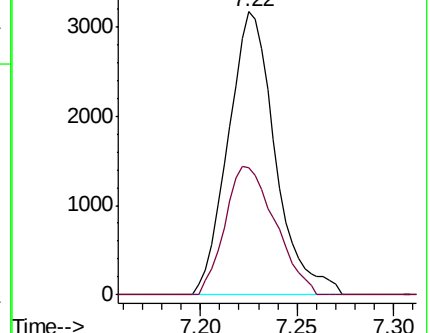
75 100

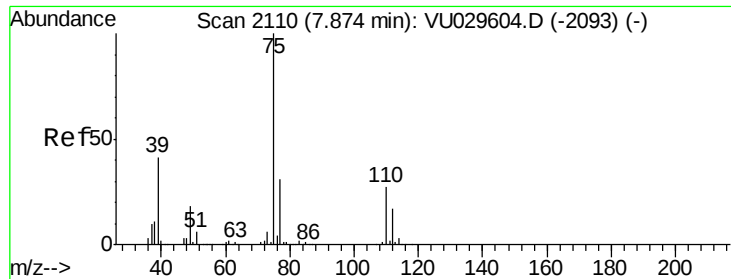
77 44.8 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU029610.D (-1908) (-)

Ion 77.00 (76.70 to 77.70): VU029610.D (-1908) (-)

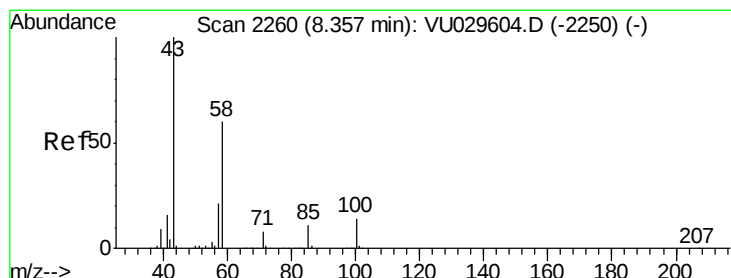
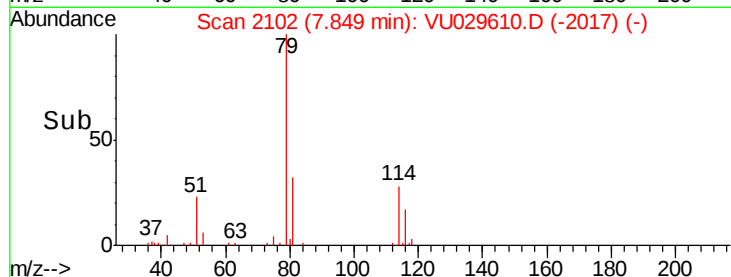
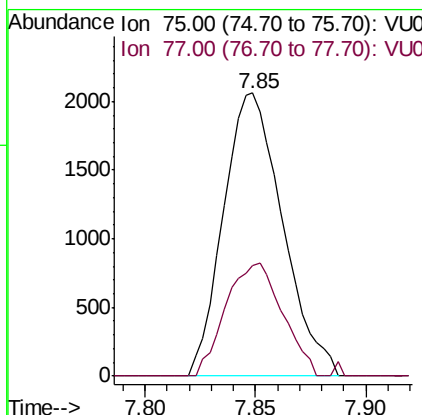
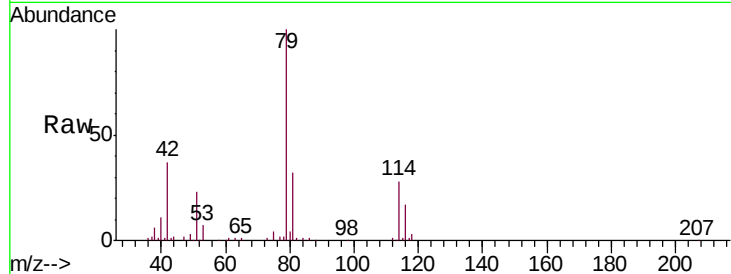




#44
trans-1,3-Dichloropropene
Concen: 0.817 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029610.D
Acq: 22 Feb 2019 11:06

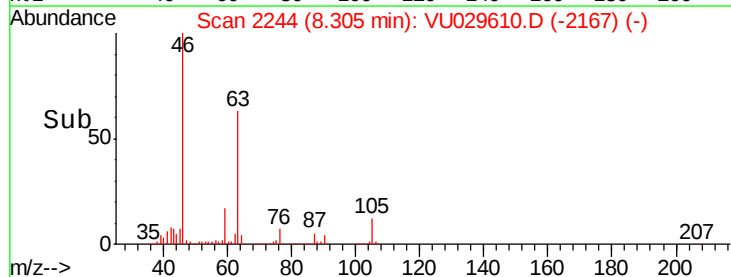
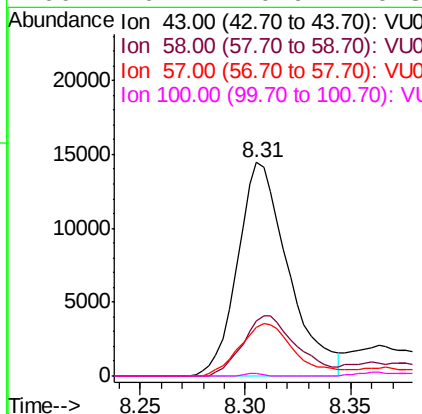
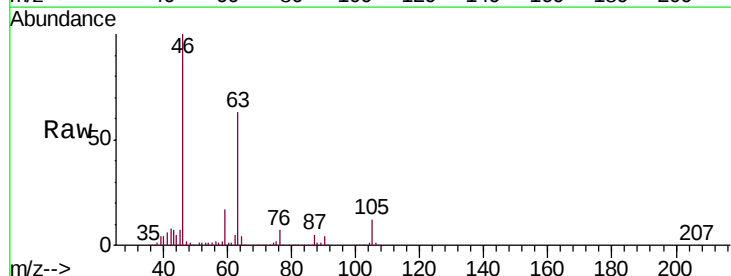
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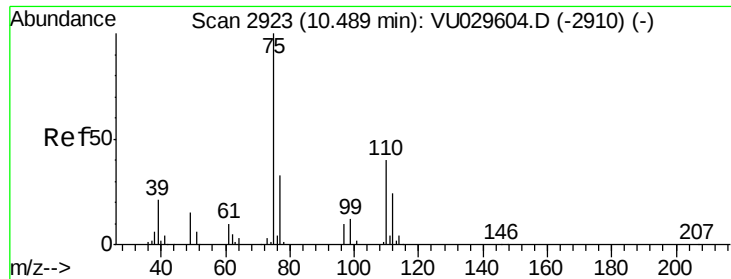
Tgt Ion: 75 Resp: 3834
Ion Ratio Lower Upper
75 100
77 39.3 22.1 41.1



#48
2-Hexanone
Concen: 6.355 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU029610.D
Acq: 22 Feb 2019 11:06

Tgt Ion: 43 Resp: 24098
Ion Ratio Lower Upper
43 100
58 29.7 46.4 69.6#
57 26.5 15.7 23.5#
100 0.4 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 4.967 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029610.D

Acq: 22 Feb 2019 11:06

Instrument :

MSVOA_U

ClientSampleId :

BF5Y9

Tgt Ion: 75 Resp: 21860

Ion Ratio Lower Upper

75 100

77 37.2 25.7 38.5

