

Data File : VU029717.D
Acq On : 27 Feb 2019 20:23
Operator : JC/SP
Sample : K1625-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 28 00:56:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 00:50:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	441183	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	427159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	199388	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143902	44.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.02%		
7) Chloroethane-d5	1.68	69	126046	43.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.72%		
11) 1,1-Dichloroethene-d2	2.27	63	203122	32.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.28%		
21) 2-Butanone-d5	4.17	46	260444	132.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	132.38%#		
24) Chloroform-d	4.65	84	268145	51.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.28%		
26) 1,2-Dichloroethane-d4	5.31	65	168274	50.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.38%		
32) Benzene-d6	5.34	84	581269	54.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.16%		
36) 1,2-Dichloropropane-d6	6.33	67	179475	55.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.00%		
41) Toluene-d8	7.56	98	546369	49.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.62%		
43) trans-1,3-Dichloropropene-	7.85	79	80522	46.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.88%		
47) 2-Hexanone-d5	8.31	63	231290	128.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	128.44%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278260	50.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.86%		
64) 1,2-Dichlorobenzene-d4	11.86	152	220158	51.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.48%		

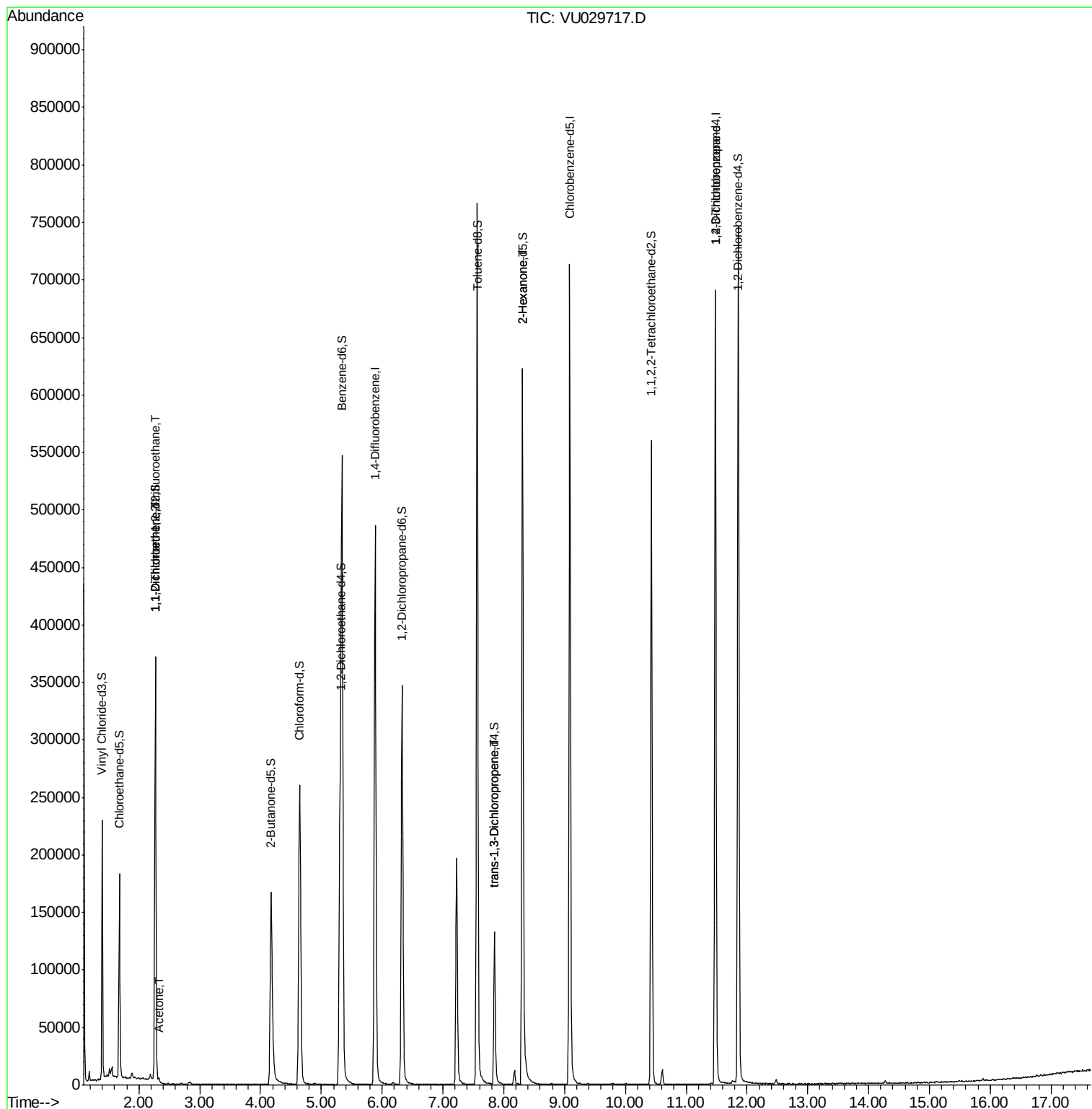
Target Compounds

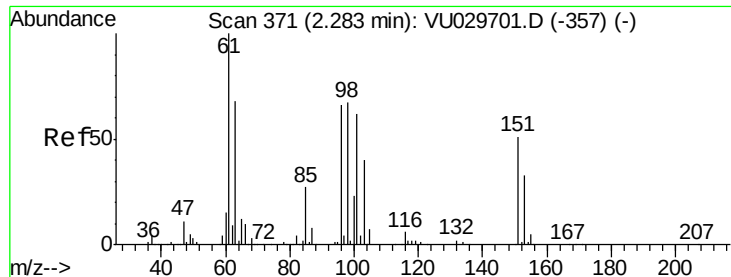
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2020	0.657	ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1643	0.562	ug/L #	1
13) Acetone	2.32	43	2613	1.243	ug/L	90
44) trans-1,3-Dichloropropene	7.84	75	3649	0.835	ug/L	97
48) 2-Hexanone	8.31	43	23373	6.618	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	20688	5.047	ug/L	97

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

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#10

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

Concen: 0.657 ug/L

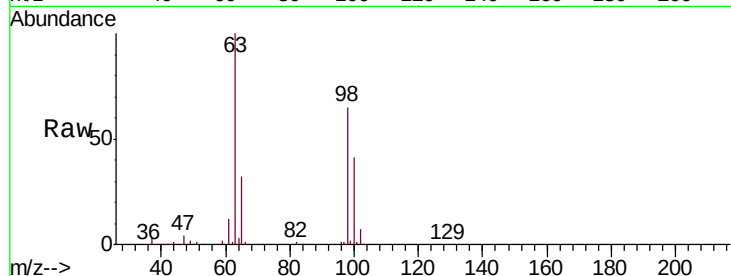
RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

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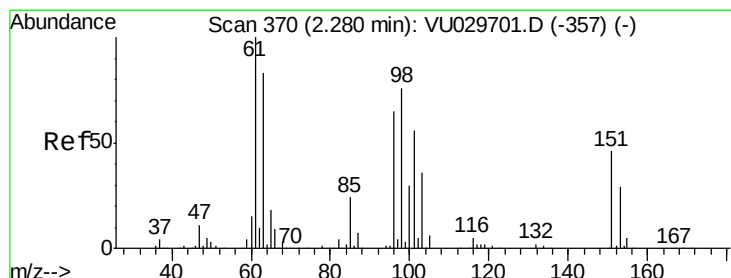
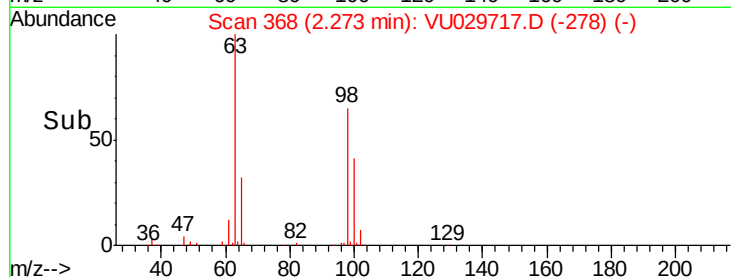
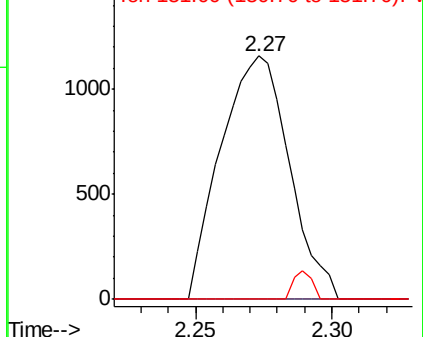
Tgt Ion:	101	Resp:	2020
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	3.3	65.7	98.5#



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: 0.562 ug/L

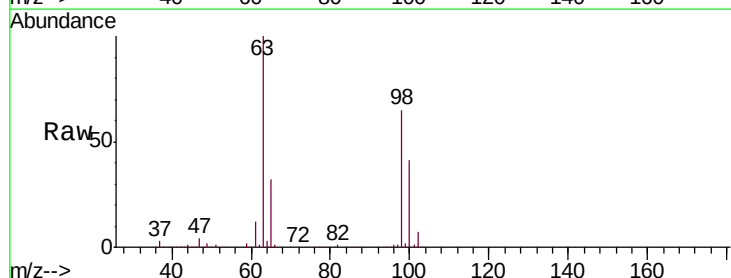
RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029717.D

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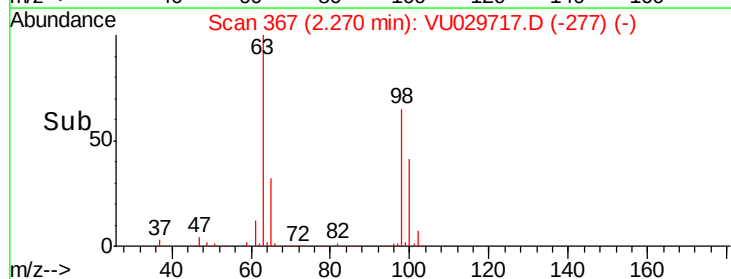
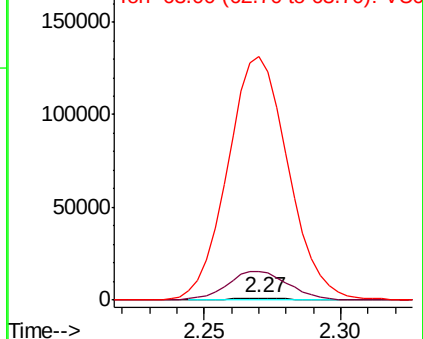
Tgt Ion:	96	Resp:	1643
Ion	Ratio	Lower	Upper
96	100		
61	1497.0	114.0	211.8#
63	12507.4	98.7	183.3#

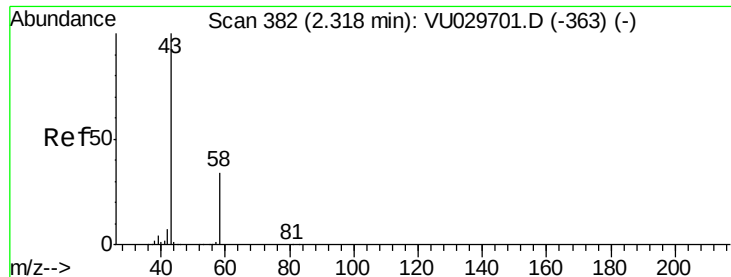


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.243 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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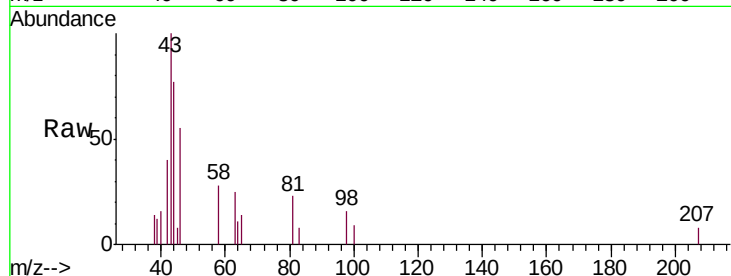
Acq: 27 Feb 2019 20:23

Tgt Ion: 43 Resp: 2613

Ion Ratio Lower Upper

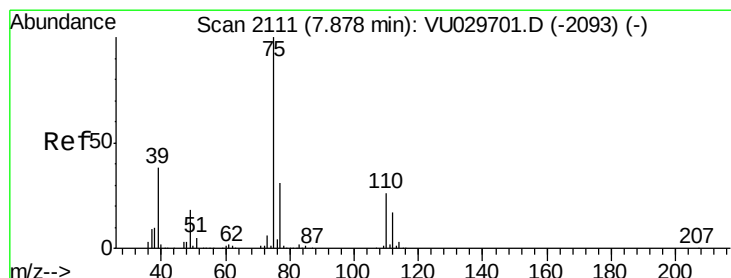
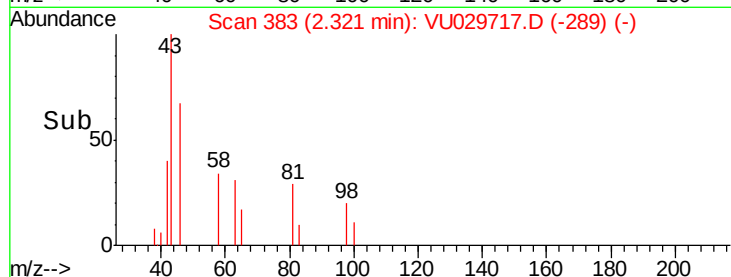
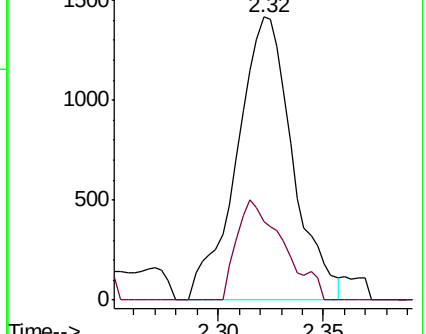
43 100

58 27.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.835 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.04 min

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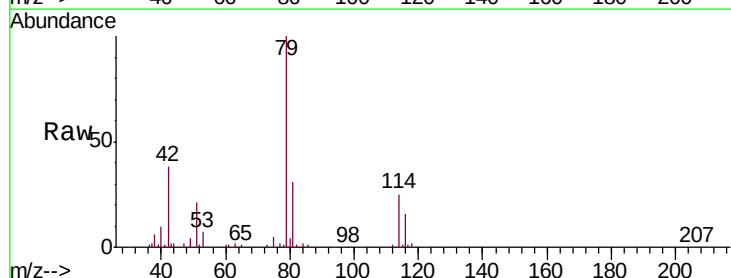
Acq: 27 Feb 2019 20:23

Tgt Ion: 75 Resp: 3649

Ion Ratio Lower Upper

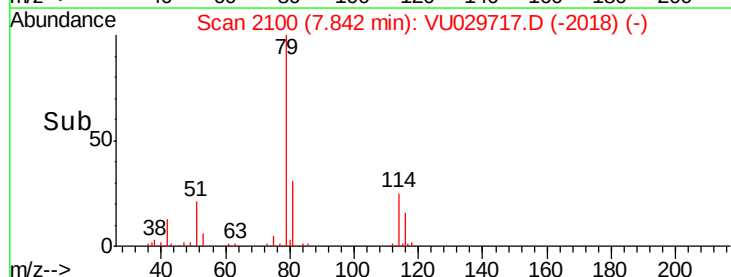
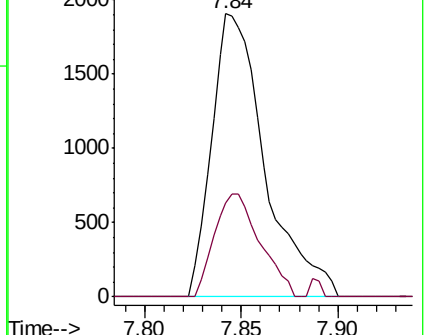
75 100

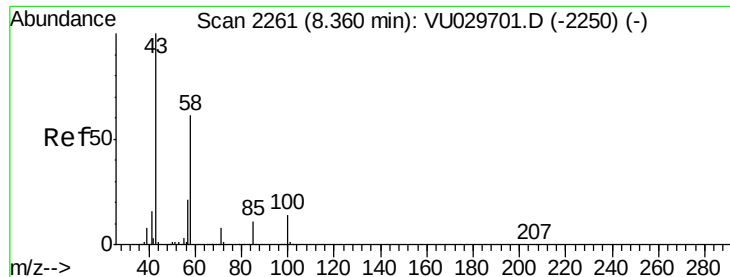
77 33.4 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#48

2-Hexanone

Concen: 6.618 ug/L

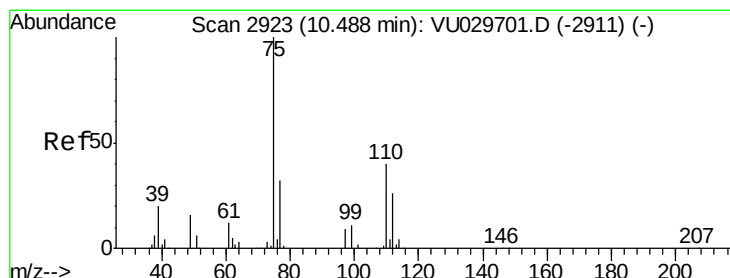
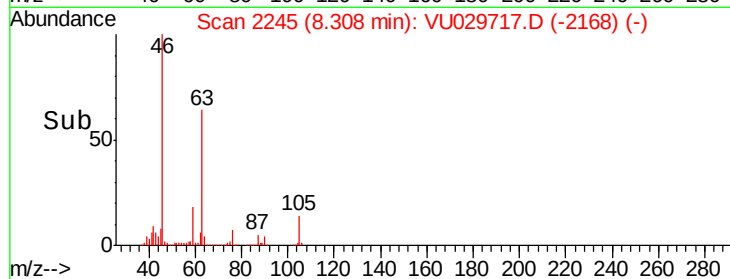
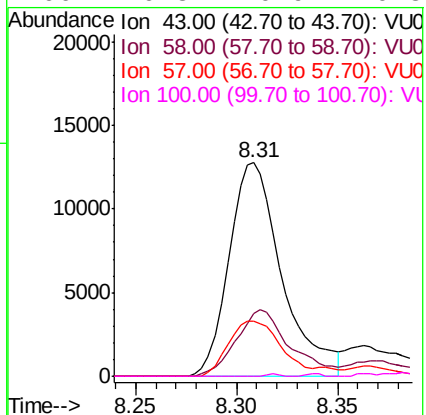
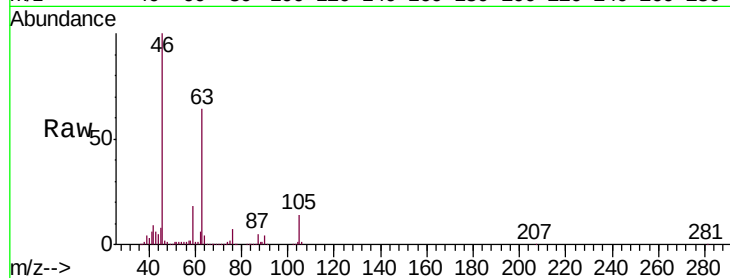
RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

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Tgt Ion:	43	Resp:	23373
Ion	Ratio	Lower	Upper
43	100		
58	31.8	46.4	69.6#
57	25.7	15.7	23.5#
100	0.3	10.9	16.3#



#59

1,2,3-Trichloropropane

Concen: 5.047 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

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Tgt Ion:	75	Resp:	20688
Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.7	38.5

