

Data File : VU029653.D
Acq On : 25 Feb 2019 13:21
Operator : JC/SP
Sample : K1602-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5E2

Quant Time: Feb 26 00:16:00 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	488234	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144581	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.82%
7) Chloroethane-d5	1.68	69	125255	39.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.76%
11) 1,1-Dichloroethene-d2	2.27	63	219009	31.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.64%
21) 2-Butanone-d5	4.17	46	209816	96.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.37%
24) Chloroform-d	4.65	84	257385	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	5.31	65	166350	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
32) Benzene-d6	5.34	84	568915	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.33	67	171184	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.26%
41) Toluene-d8	7.56	98	533474	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	7.85	79	79759	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.44%
47) 2-Hexanone-d5	8.31	63	160659	81.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	257119	43.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	222591	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%

Target Compounds

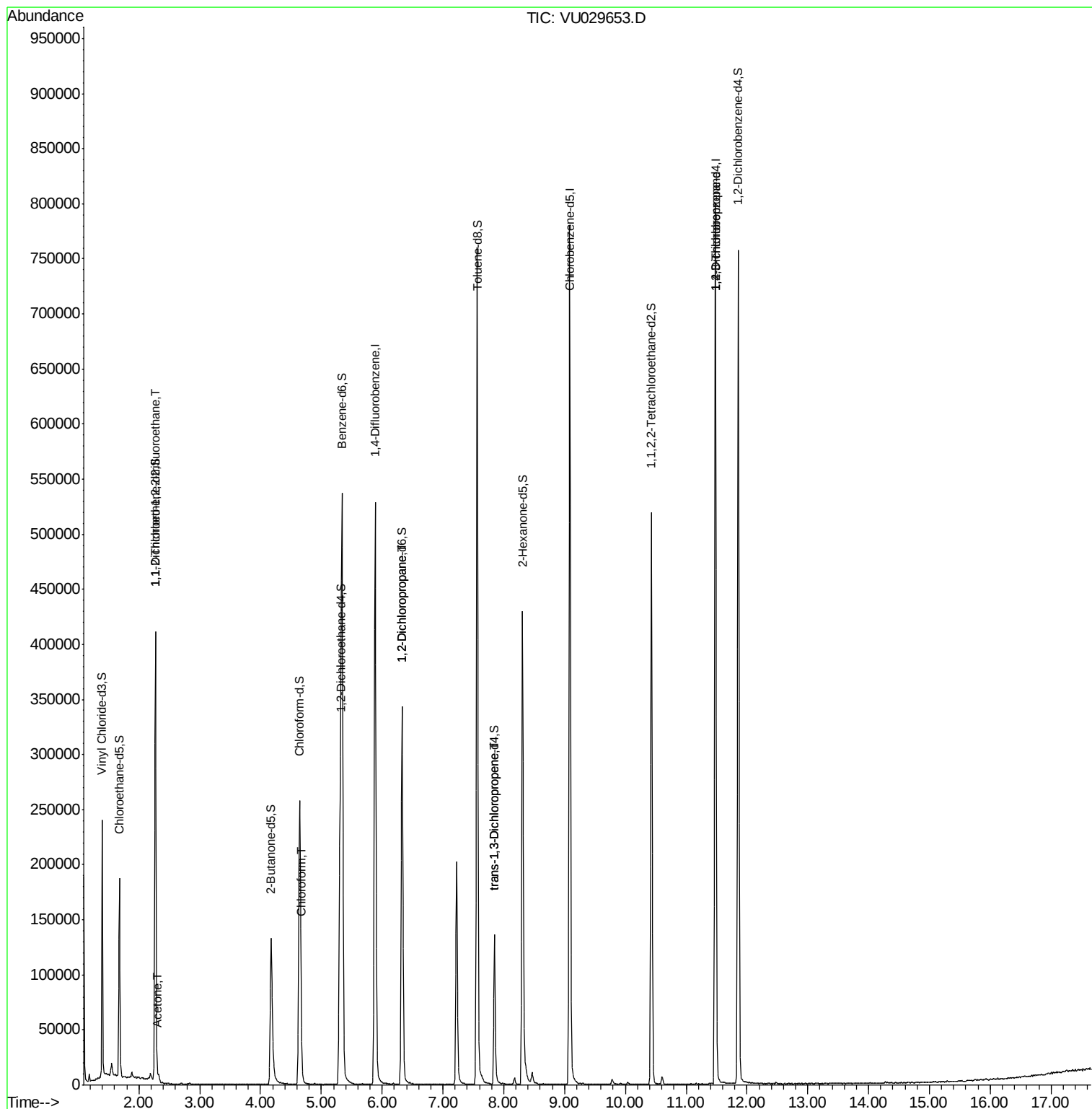
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2487	0.731 ug/L #	22
13) Acetone	2.31	43	1552	0.667 ug/L	94
25) Chloroform	4.67	83	6762	1.175 ug/L	97
37) 1,2-Dichloropropane	6.33	63	17641	5.638 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	3372	0.709 ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	22581	5.061 ug/L	91

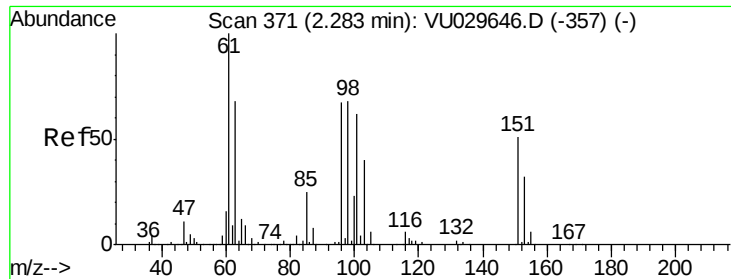
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.731 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029653.D

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Instrument :

MSVOA_U

ClientSampled :

BF5E2

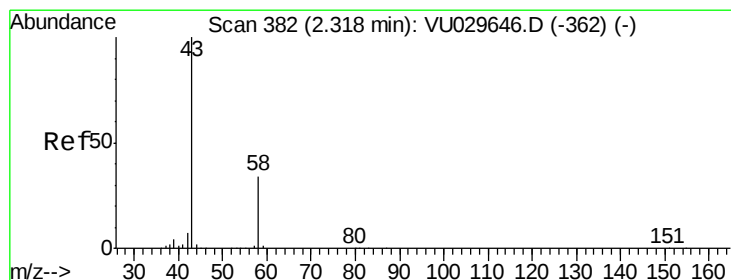
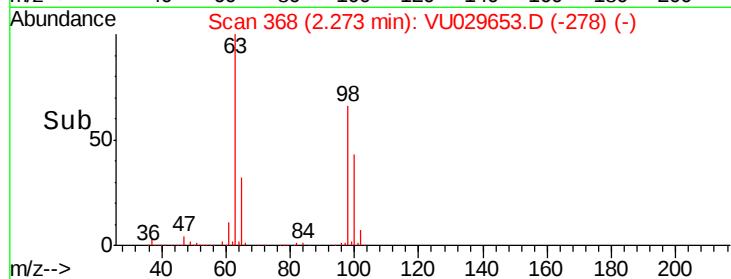
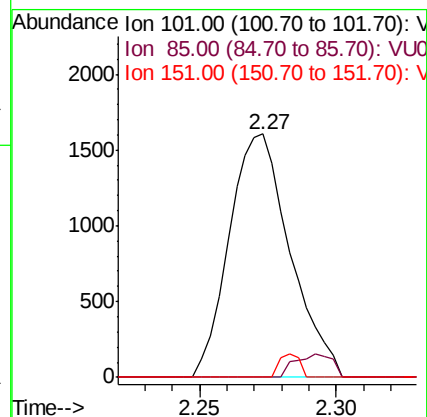
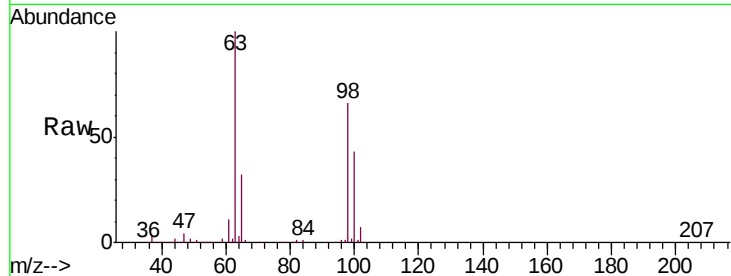
Tgt Ion:101 Resp: 2487

Ion Ratio Lower Upper

101 100

85 4.1 33.0 49.6#

151 3.2 65.7 98.5#



#13

Acetone

Concen: 0.667 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU029653.D

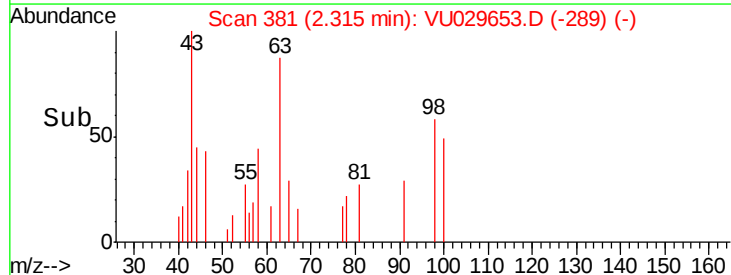
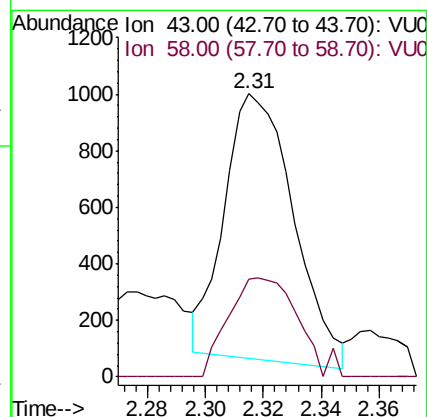
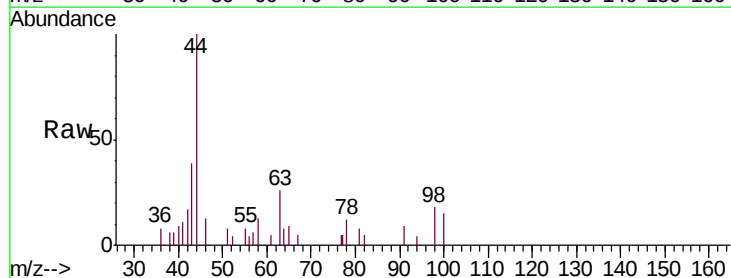
Acq: 25 Feb 2019 13:21

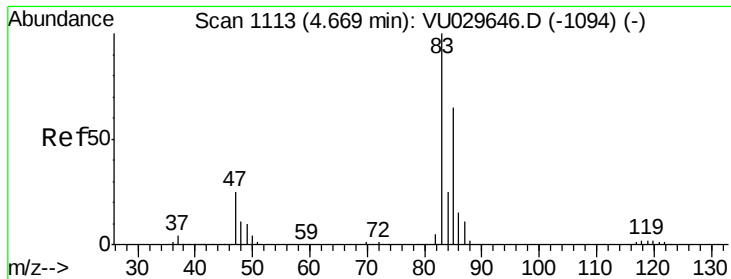
Tgt Ion: 43 Resp: 1552

Ion Ratio Lower Upper

43 100

58 36.6 0.0 66.8

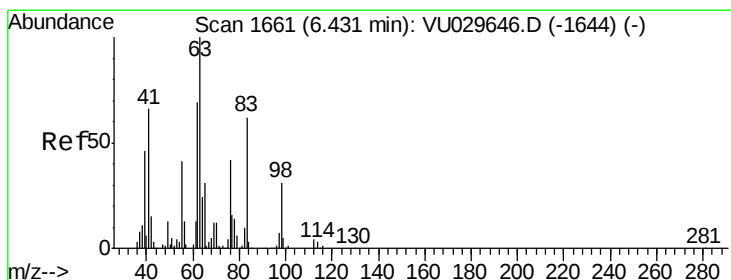
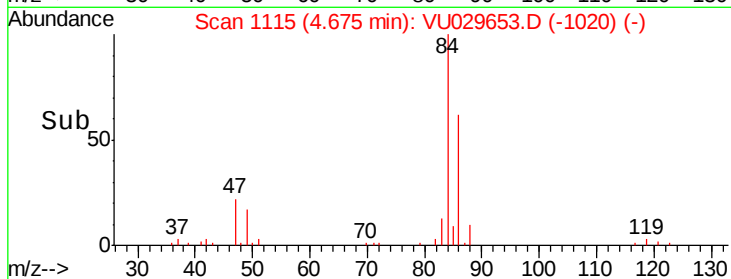
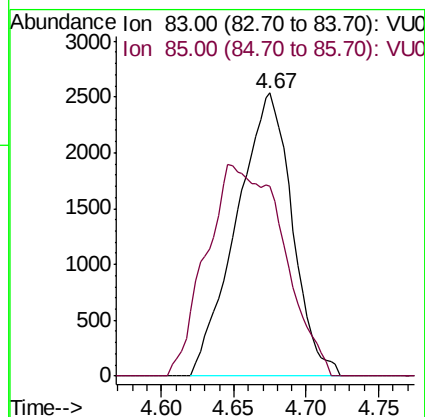
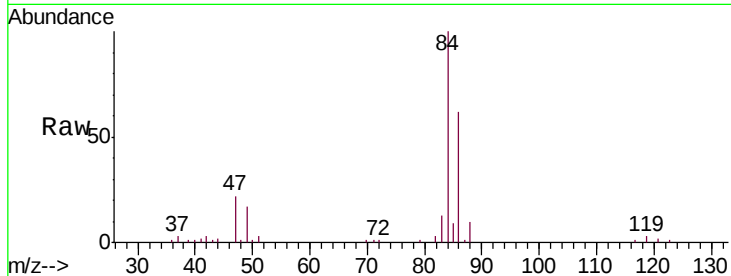




#25
Chloroform
Concen: 1.175 ug/L
RT: 4.67 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029653.D
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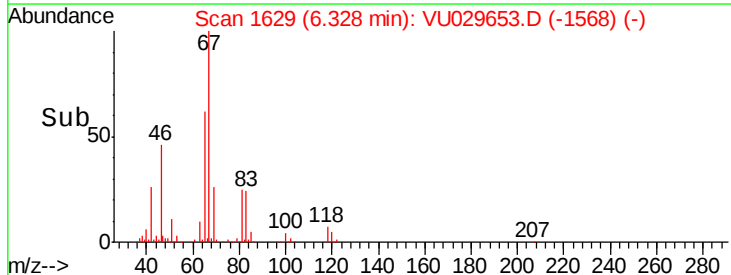
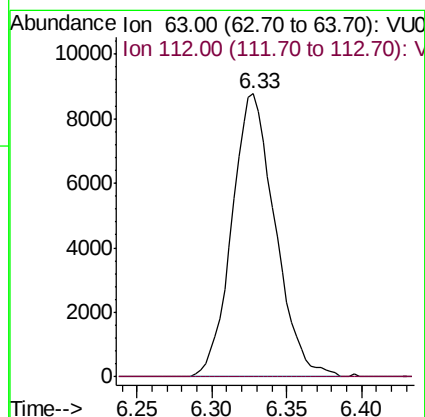
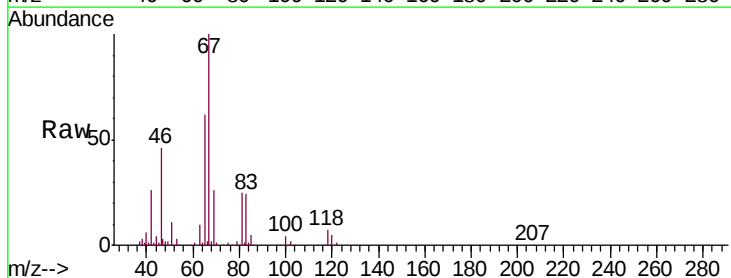
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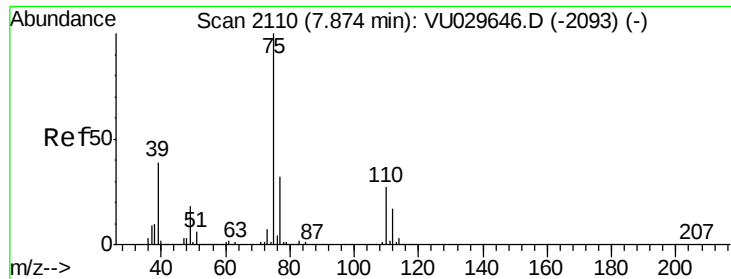
Tgt Ion: 83 Resp: 6762
Ion Ratio Lower Upper
83 100
85 66.9 45.4 84.2



#37
1,2-Dichloropropane
Concen: 5.638 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029653.D
Acq: 25 Feb 2019 13:21

Tgt Ion: 63 Resp: 17641
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.709 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029653.D

Acq: 25 Feb 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

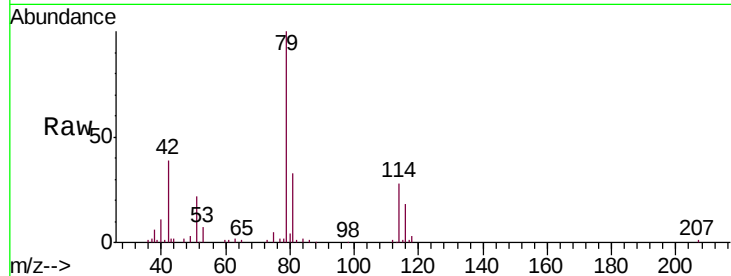
BF5E2

Tgt Ion: 75 Resp: 3372

Ion Ratio Lower Upper

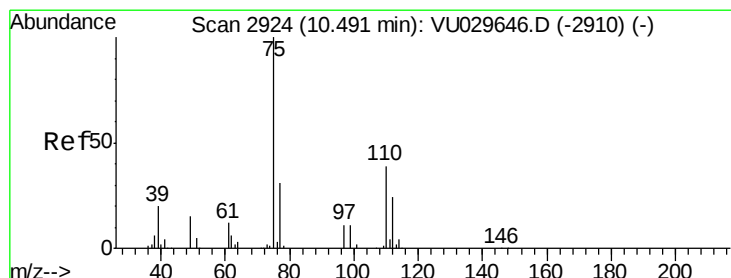
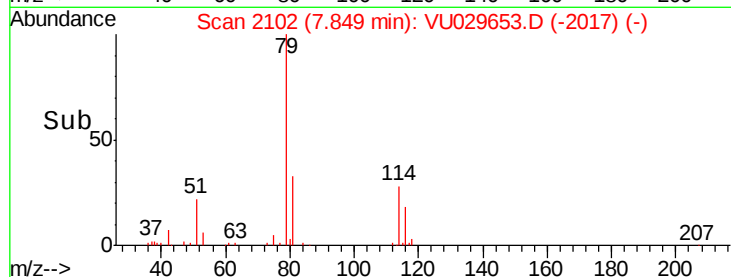
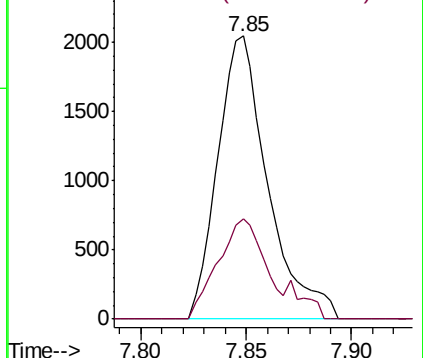
75 100

77 35.5 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: 5.061 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029653.D

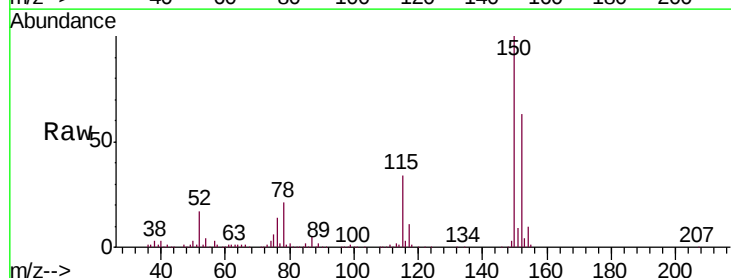
Acq: 25 Feb 2019 13:21

Tgt Ion: 75 Resp: 22581

Ion Ratio Lower Upper

75 100

77 37.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

