

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081018\
 Data File : VU026041.D
 Acq On : 10 Aug 2018 14:18
 Operator : MD/SY
 Sample : J4401-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZE6

Quant Time: Aug 11 01:35:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	256407	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	242378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	104838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74476	39.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.48%
7) Chloroethane-d5	1.67	69	70291	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.27	63	118819	33.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.72%
21) 2-Butanone-d5	4.18	46	199562	127.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.75%
24) Chloroform-d	4.65	84	206663	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.31	65	145478	54.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.38%
32) Benzene-d6	5.34	84	387096	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
36) 1,2-Dichloropropane-d6	6.33	67	130012	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.78%
41) Toluene-d8	7.57	98	348181	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%
43) trans-1,3-Dichloropropene-	7.85	79	64975	52.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.90%
47) 2-Hexanone-d5	8.31	63	137402	124.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	196879	55.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	140590	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

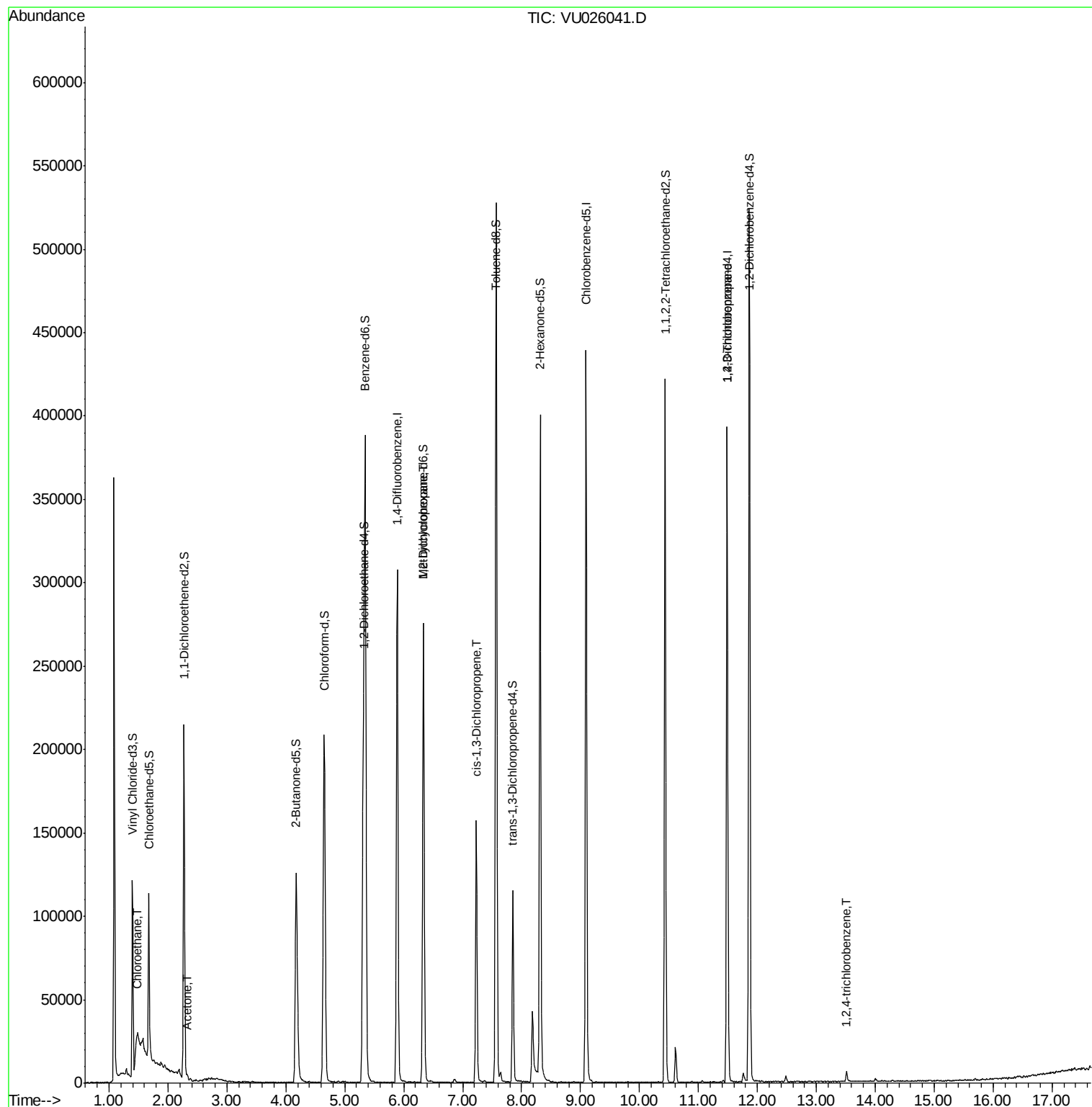
					Ovalue
8) Chloroethane	1.47	64	29684	25.541 ug/L #	53
13) Acetone	2.32	43	2410	2.484 ug/L	57
35) Methylcyclohexane	6.34	83	30306	11.005 ug/L #	19
39) cis-1,3-Dichloropropene	7.23	75	4043	1.412 ug/L #	45
59) 1,2,3-Trichloropropane	11.49	75	12354	5.071 ug/L	89
68) 1,2,4-trichlorobenzene	13.51	180	2619	1.270 ug/L	89

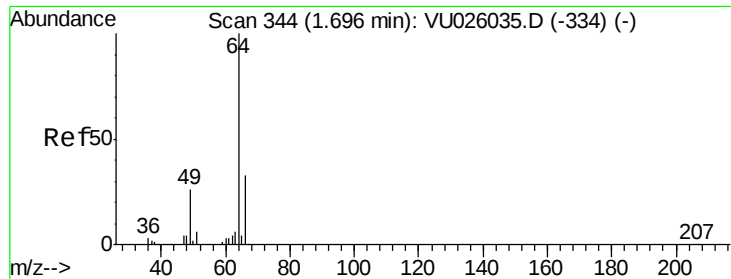
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 25.541 ug/L

RT: 1.47 min Scan# 275

Delta R.T. -0.22 min

Lab File: VU026041.D

Acq: 10 Aug 2018 14:18

Instrument :

MSVOA_U

ClientSampleId :

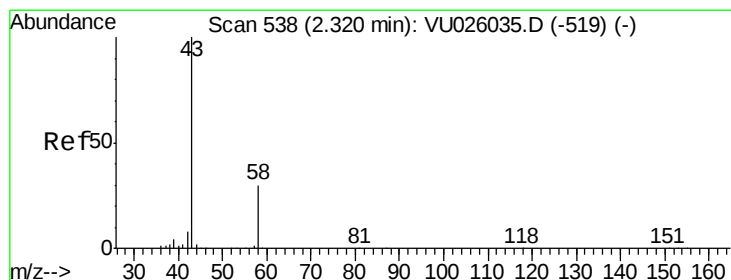
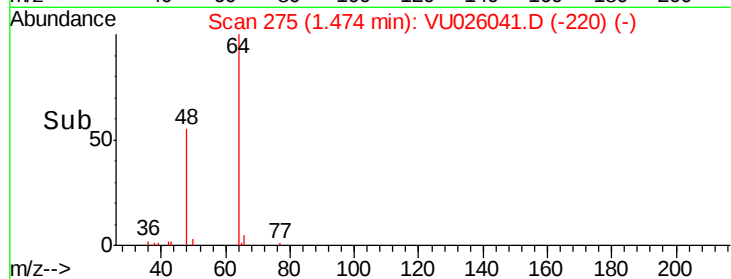
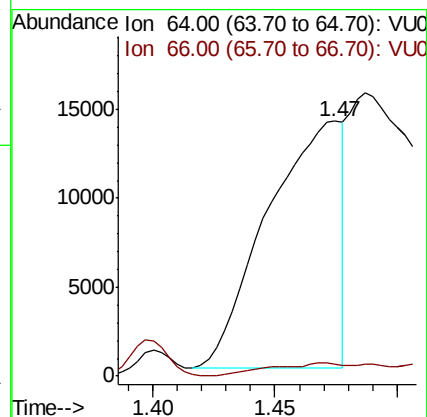
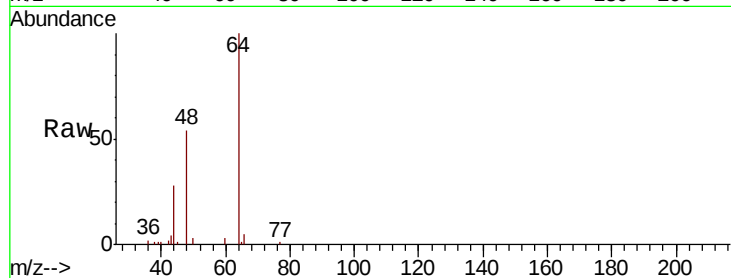
A4ZE6

Tot Ion: 64 Resp: 29684

Ion Ratio Lower Upper

64 100

66 4.8 21.2 39.4#



#13

Acetone

Concen: 2.484 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026041.D

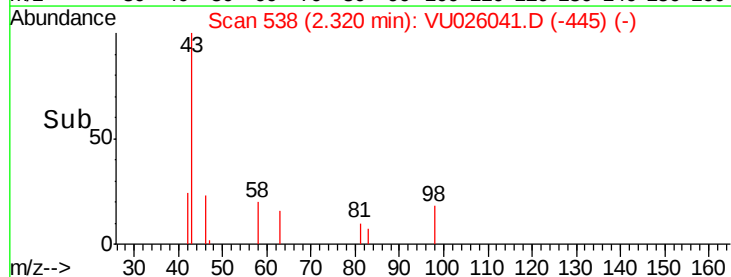
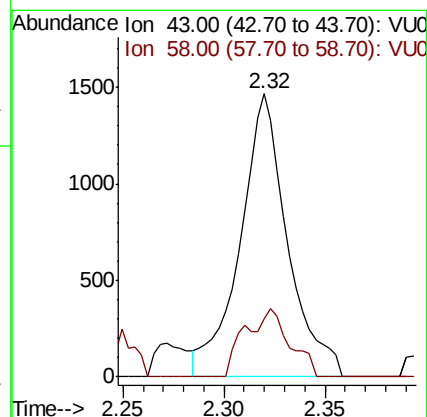
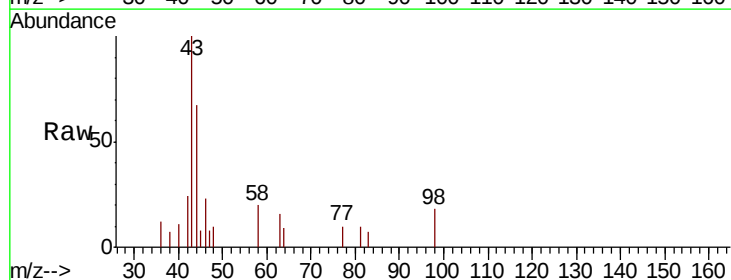
Acq: 10 Aug 2018 14:18

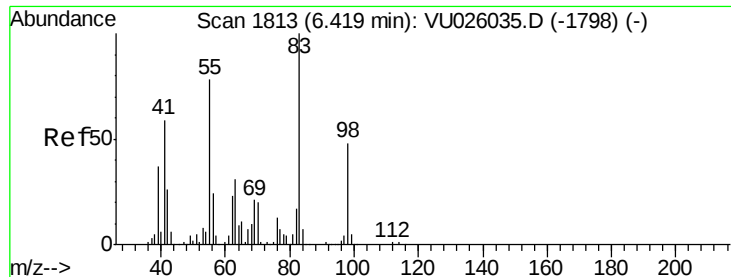
Tgt Ion: 43 Resp: 2410

Ion Ratio Lower Upper

43 100

58 7.1 0.0 61.8

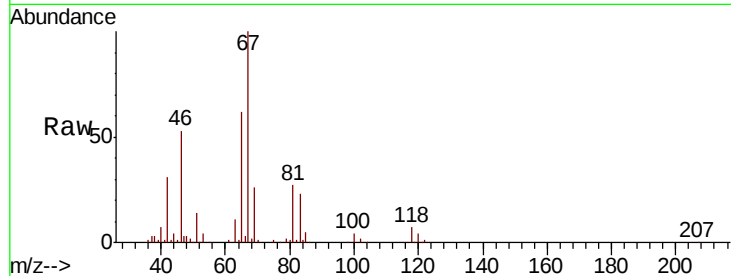




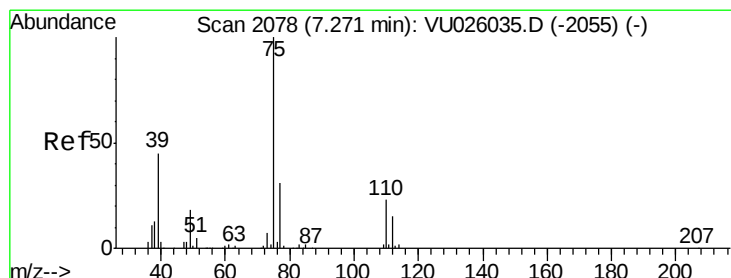
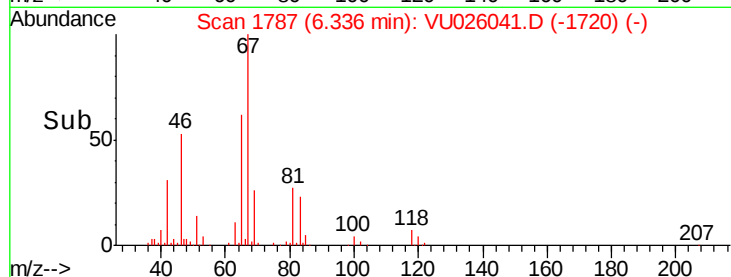
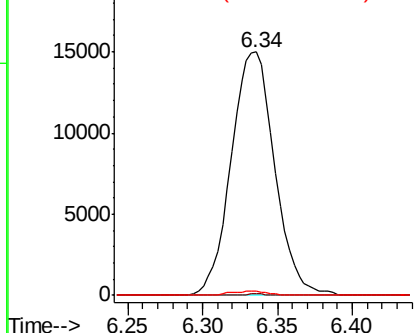
#35
Methylcyclohexane
Concen: 11.005 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026041.D
Acq: 10 Aug 2018 14:18

Instrument :
MSVOA_U
ClientSampleId :
A4ZE6

Tot Ion: 83 Resp: 30306
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.6#
98 1.1 38.1 57.1#

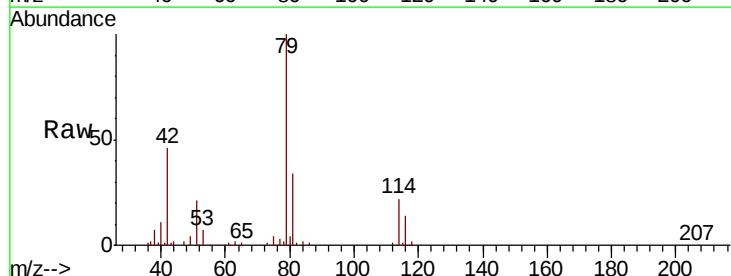


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

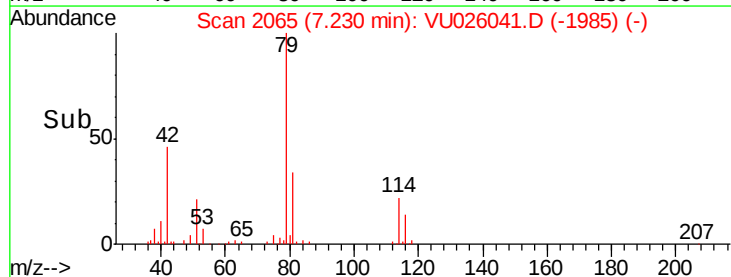
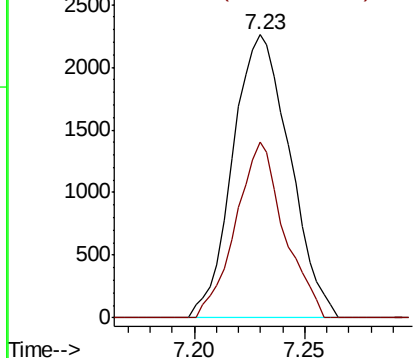


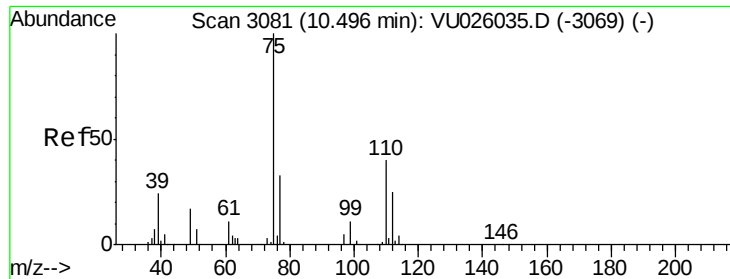
#39
cis-1,3-Dichloropropene
Concen: 1.412 ug/L
RT: 7.23 min Scan# 2065
Delta R.T. -0.04 min
Lab File: VU026041.D
Acq: 10 Aug 2018 14:18

Tgt Ion: 75 Resp: 4043
Ion Ratio Lower Upper
75 100
77 62.1 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: 5.071 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026041.D

Acq: 10 Aug 2018 14:18

Instrument :

MSVOA_U

ClientSampleId :

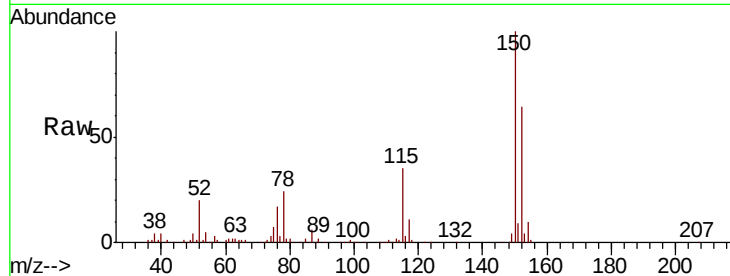
A4ZE6

Tot Ion: 75 Resp: 12354

Ion Ratio Lower Upper

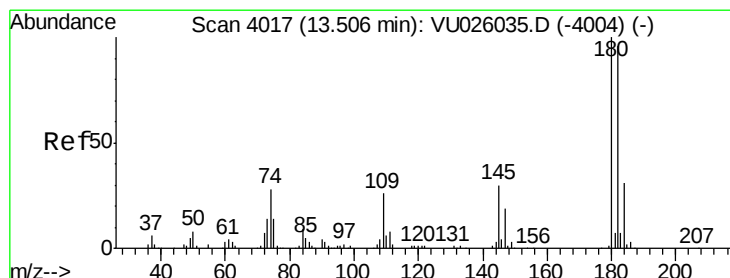
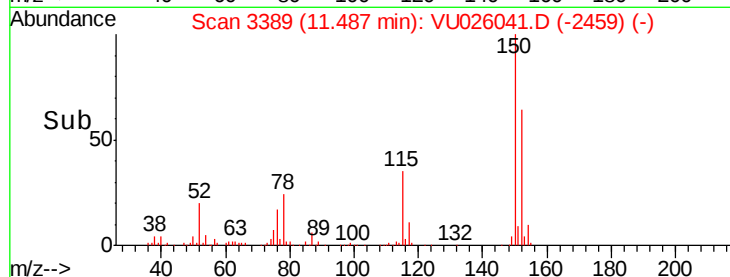
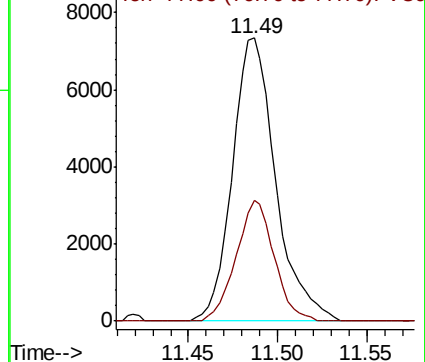
75 100

77 37.5 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#68

1,2,4-trichlorobenzene

Concen: 1.270 ug/L

RT: 13.51 min Scan# 4019

Delta R.T. 0.01 min

Lab File: VU026041.D

Acq: 10 Aug 2018 14:18

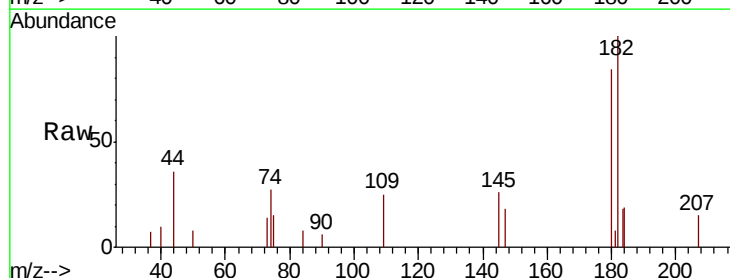
Tgt Ion: 180 Resp: 2619

Ion Ratio Lower Upper

180 100

182 107.4 76.5 114.7

145 27.1 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

