

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025999.D
 Acq On : 09 Aug 2018 16:23
 Operator : MD/SY
 Sample : J4361-19RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:17:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	294796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272713	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	117915	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	93721	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.98%
7) Chloroethane-d5	1.68	69	78681	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.12%
11) 1,1-Dichloroethene-d2	2.27	63	141906	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	4.18	46	176211	98.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	4.65	84	212537	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.31	65	149258	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
32) Benzene-d6	5.35	84	410273	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
36) 1,2-Dichloropropane-d6	6.33	67	134788	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.38%
41) Toluene-d8	7.57	98	378251	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	7.85	79	65689	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
47) 2-Hexanone-d5	8.31	63	125485	100.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.83%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190578	47.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	149114	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

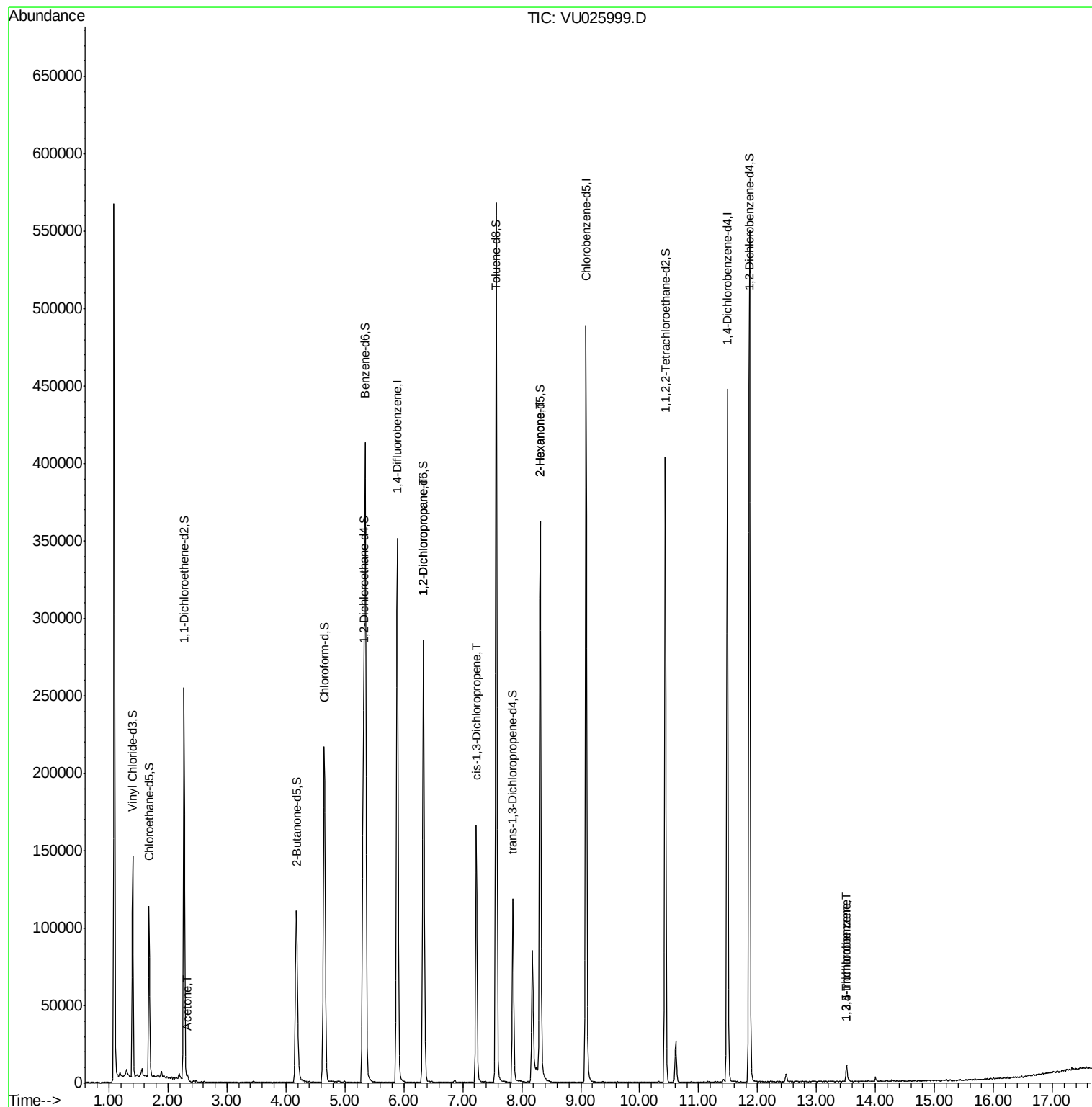
					Ovalue
13) Acetone	2.32	43	1891	1.695 ug/L	84
37) 1,2-Dichloropropane	6.34	63	15212	7.157 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4391	1.363 ug/L	85
48) 2-Hexanone	8.31	43	14650	6.439 ug/L #	64
67) 1,3,5-Trichlorobenzene	13.51	180	4565	1.664 ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	4565	1.968 ug/L	97

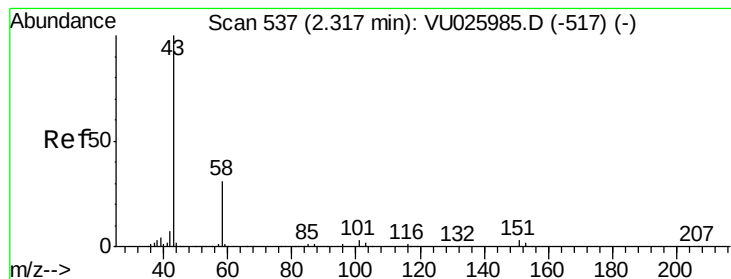
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 10 05:14:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.695 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.01 min

Lab File: VU025999.D

Acq: 09 Aug 2018 16:23

Instrument :

MSVOA_U

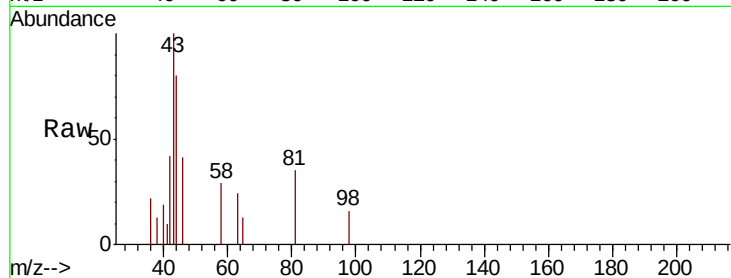
ClientSampleId :

Tot Ion: 43 Resp: 1891

Ion Ratio Lower Upper

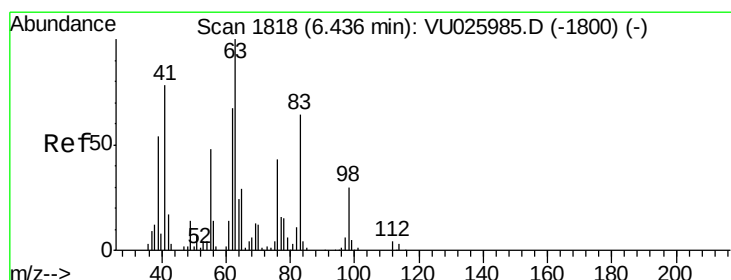
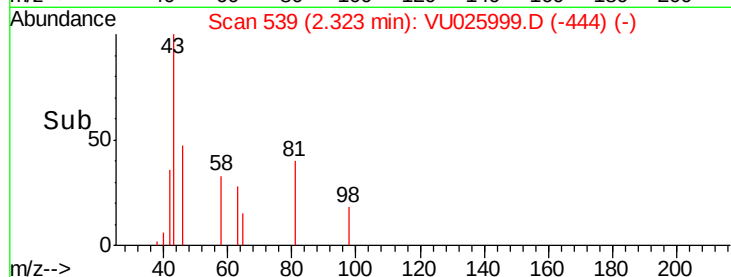
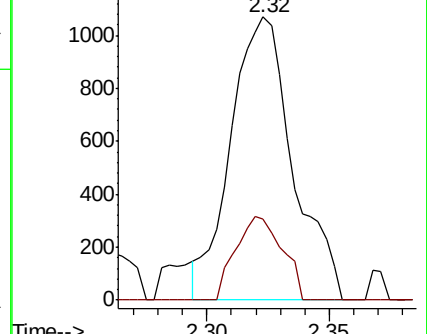
43 100

58 22.2 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU025985.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU025985.D (-517) (-)



#37

1,2-Dichloropropane

Concen: 7.157 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025999.D

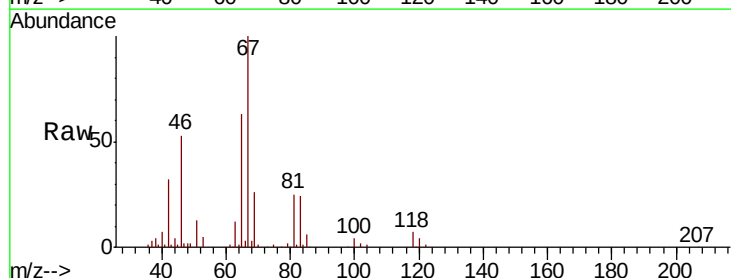
Acq: 09 Aug 2018 16:23

Tgt Ion: 63 Resp: 15212

Ion Ratio Lower Upper

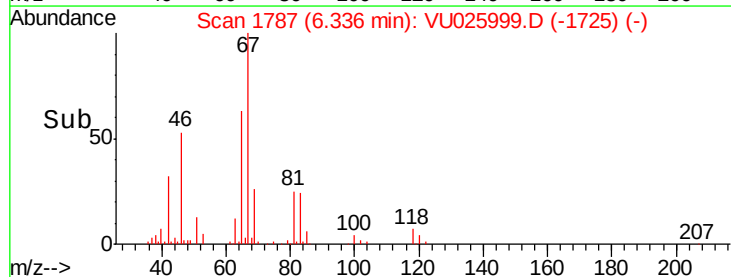
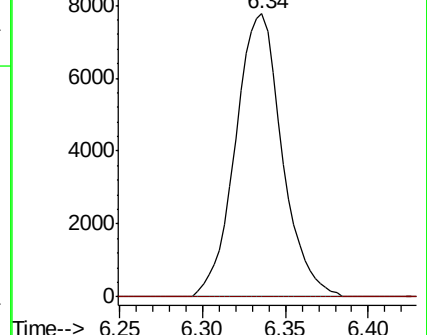
63 100

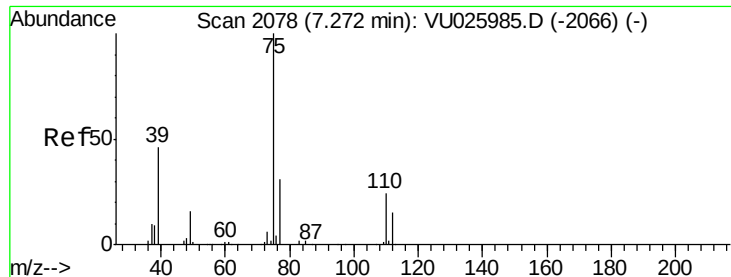
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU025985.D (-1800) (-)

Ion 112.00 (111.70 to 112.70): VU025985.D (-1800) (-)

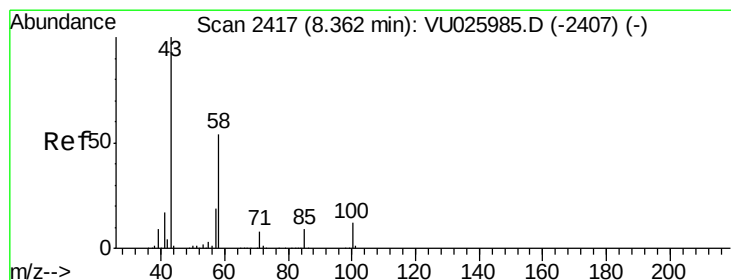
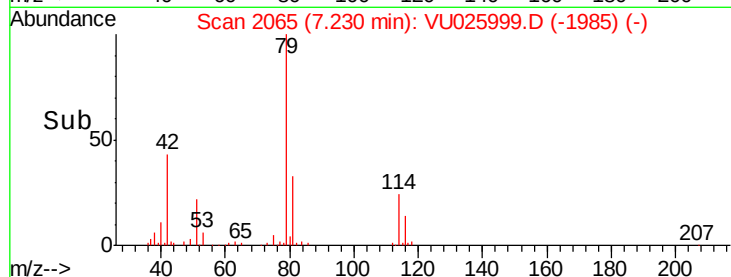
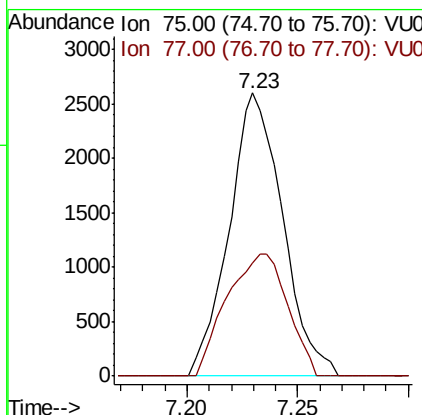
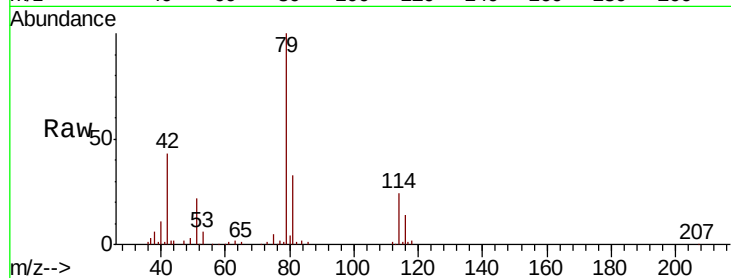




#39
 cis-1,3-Dichloropropene
 Concen: 1.363 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU025999.D
 Acq: 09 Aug 2018 16:23

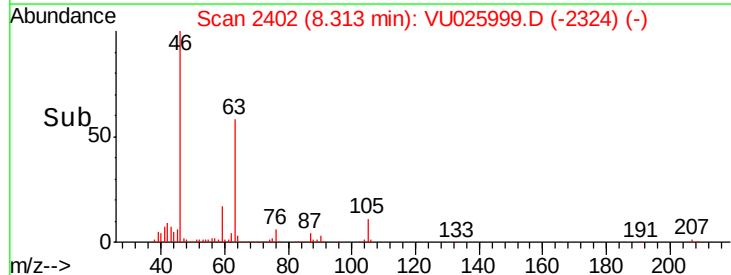
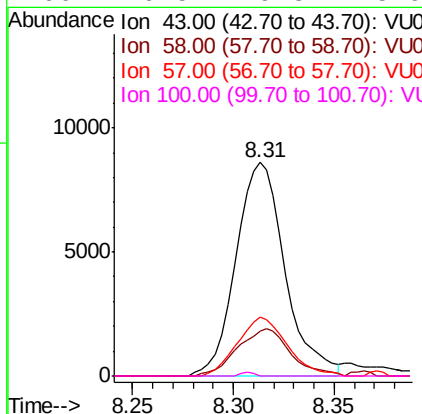
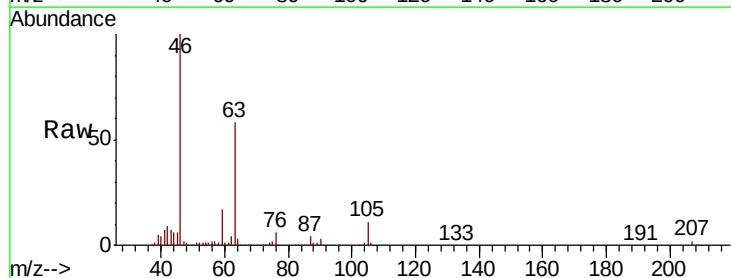
Instrument :
 MSVOA_U
 ClientSampled :

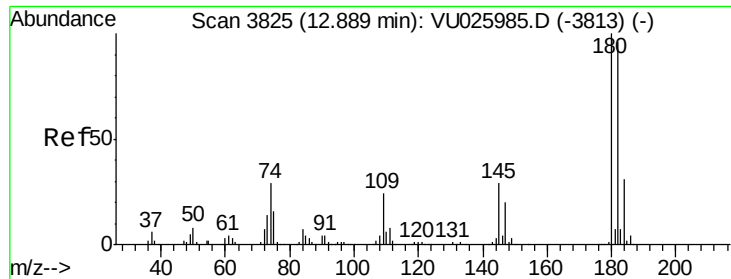
Tot Ion: 75 Resp: 4391
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.1 41.1



#48
 2-Hexanone
 Concen: 6.439 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU025999.D
 Acq: 09 Aug 2018 16:23

Tgt Ion: 43 Resp: 14650
 Ion Ratio Lower Upper
 43 100
 58 23.9 43.6 65.4#
 57 27.9 15.1 22.7#
 100 0.5 9.3 13.9#

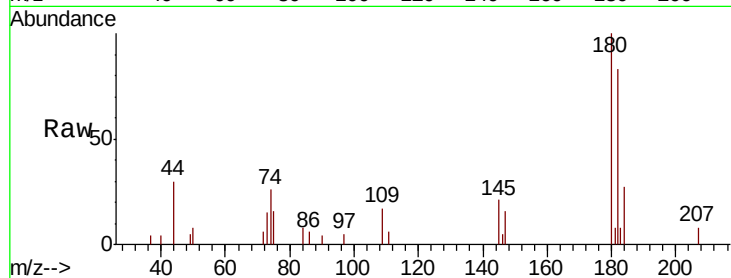




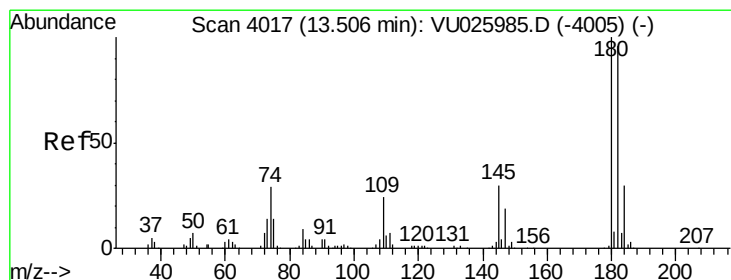
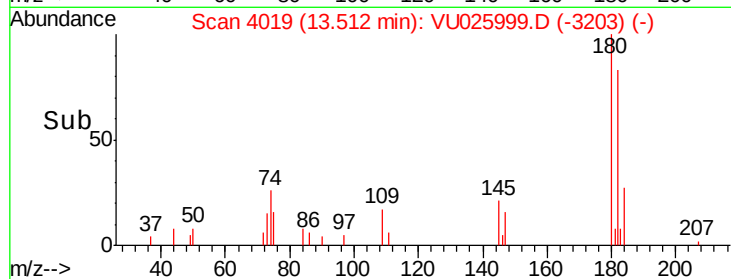
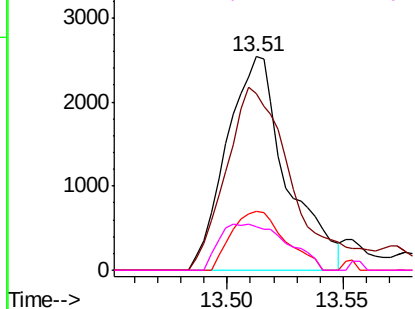
#67
 1,3,5-Trichlorobenzene
 Concen: 1.664 ug/L
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.62 min
 Lab File: VU025999.D
 Acq: 09 Aug 2018 16:23

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 4565
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.5 114.7
 184 24.7 24.3 36.5
 145 24.5 23.5 35.3

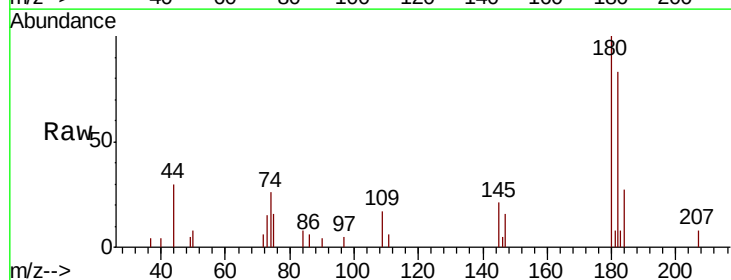


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.968 ug/L
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU025999.D
 Acq: 09 Aug 2018 16:23

Tgt Ion:180 Resp: 4565
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.5 114.7
 145 24.5 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

