

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU026001.D
 Acq On : 09 Aug 2018 17:12
 Operator : MD/SY
 Sample : J4361-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 05:17:41 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	290978	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	272396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	119028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89589	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.68	69	77667	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.12%
11) 1,1-Dichloroethene-d2	2.27	63	132896	32.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.76%
21) 2-Butanone-d5	4.18	46	167751	94.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.63%
24) Chloroform-d	4.65	84	212333	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.31	65	146916	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
32) Benzene-d6	5.35	84	407895	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.33	67	132655	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.94%
41) Toluene-d8	7.57	98	359483	44.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.84%
43) trans-1,3-Dichloropropene-	7.85	79	65668	47.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.24%
47) 2-Hexanone-d5	8.31	63	123094	99.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.02%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190615	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	149898	51.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.18%

Target Compounds

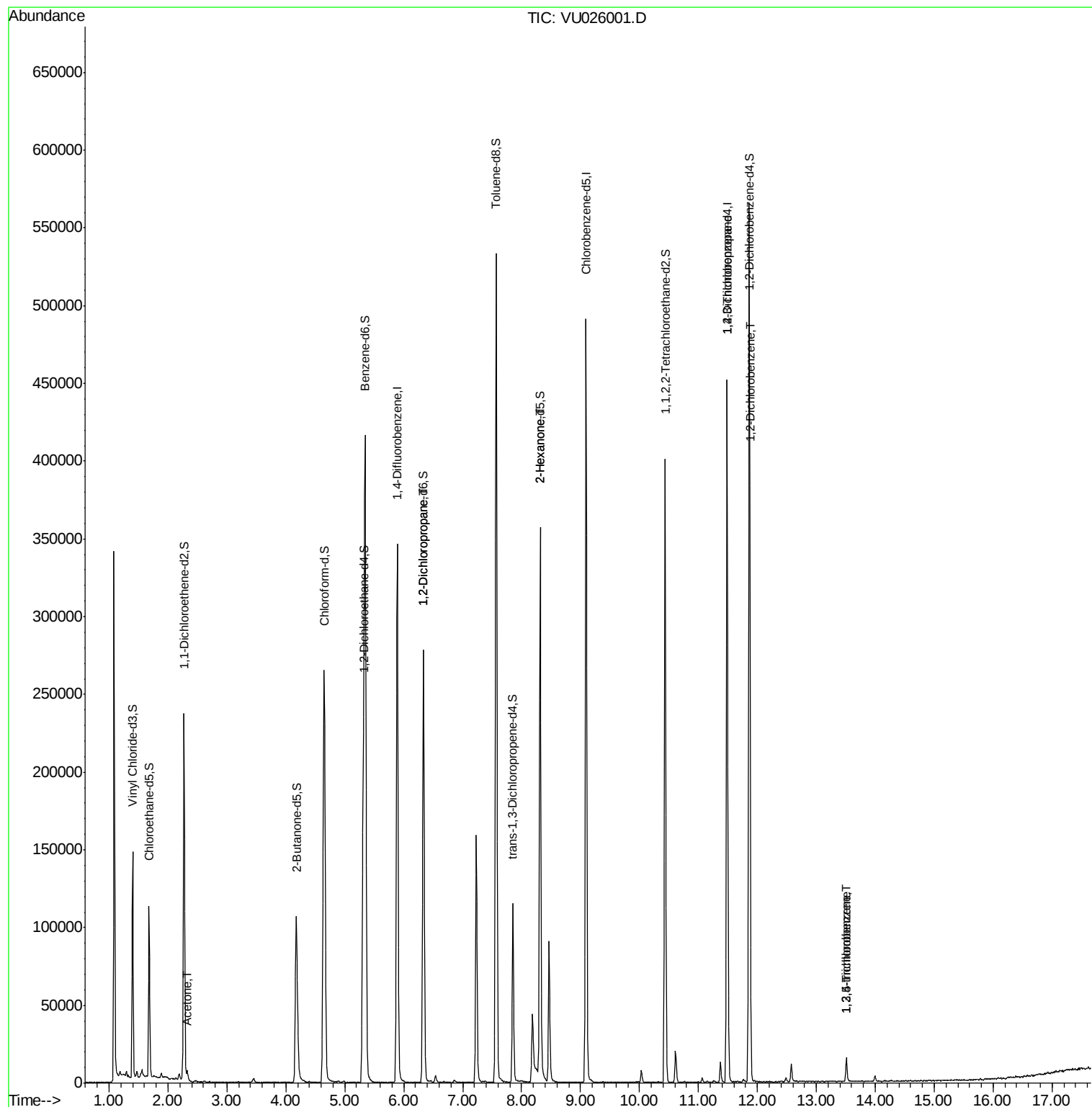
					Ovalue
13) Acetone	2.32	43	5239	4.757 ug/L	93
37) 1,2-Dichloropropane	6.34	63	15464	7.285 ug/L #	88
48) 2-Hexanone	8.31	43	14660	6.451 ug/L #	64
59) 1,2,3-Trichloropropane	11.49	75	14584	5.327 ug/L	89
65) 1,2-Dichlorobenzene	11.88	146	9176	2.326 ug/L #	86
67) 1,3,5-Trichlorobenzene	13.51	180	5319	1.921 ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	5319	2.271 ug/L	91

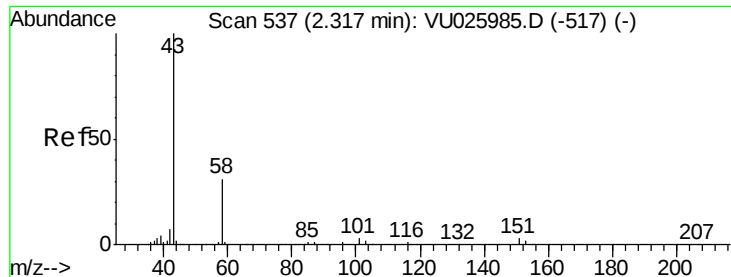
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.757 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026001.D

Acq: 09 Aug 2018 17:12

Instrument :

MSVOA_U

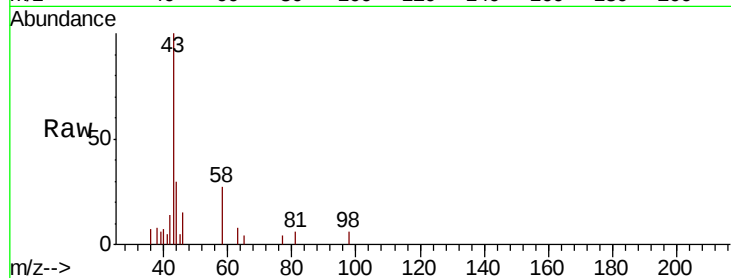
ClientSampleId :

Tot Ion: 43 Resp: 5239

Ion Ratio Lower Upper

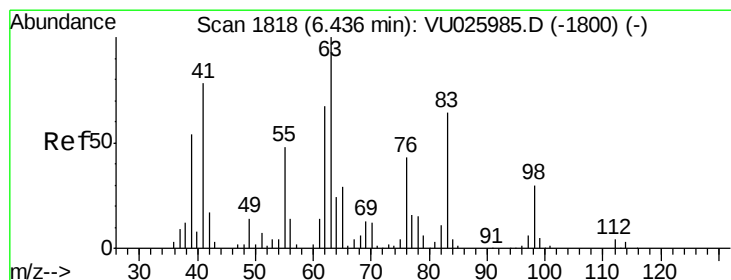
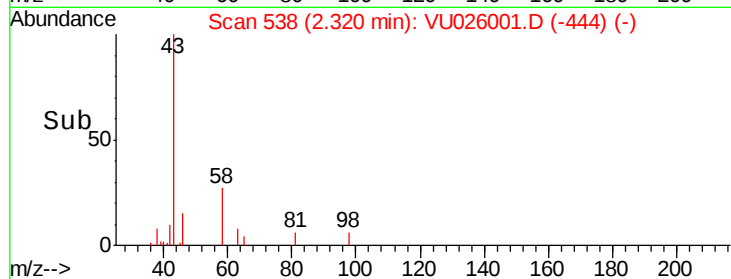
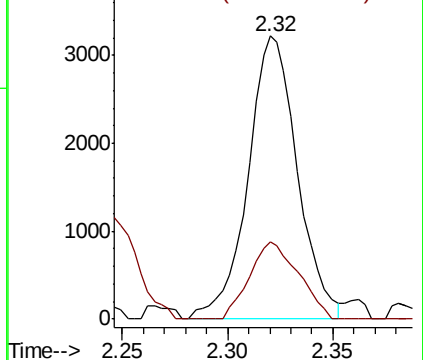
43 100

58 27.0 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 7.285 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU026001.D

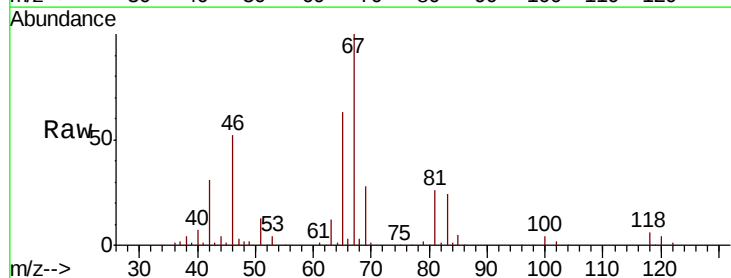
Acq: 09 Aug 2018 17:12

Tgt Ion: 63 Resp: 15464

Ion Ratio Lower Upper

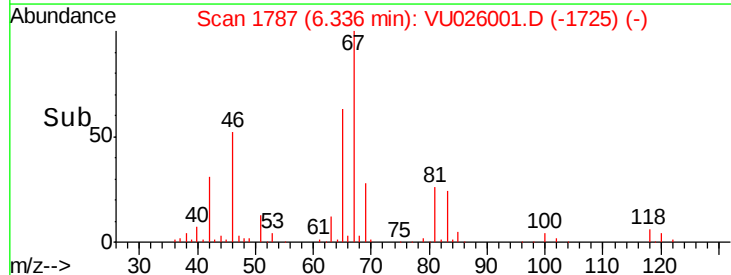
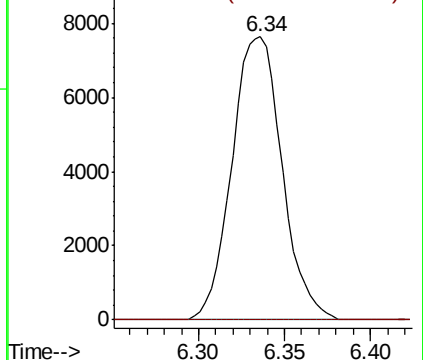
63 100

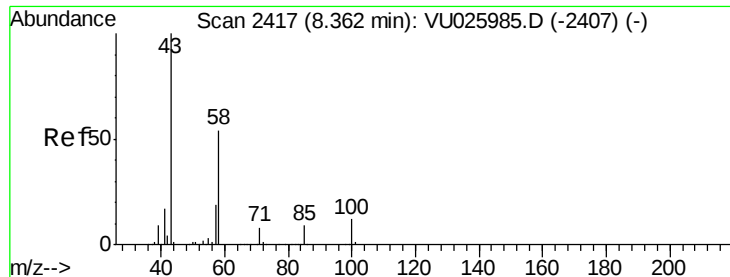
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

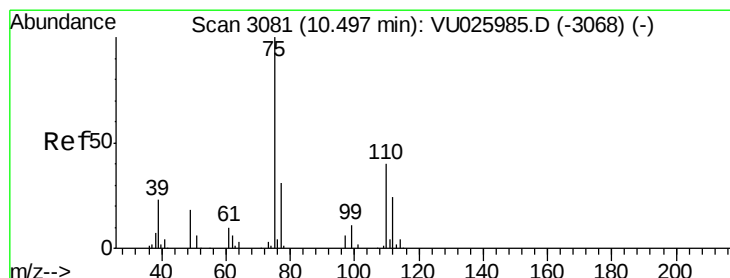
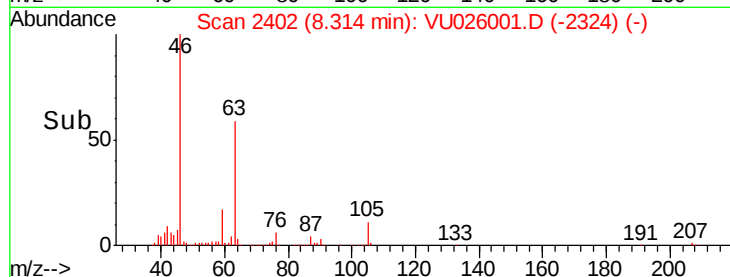
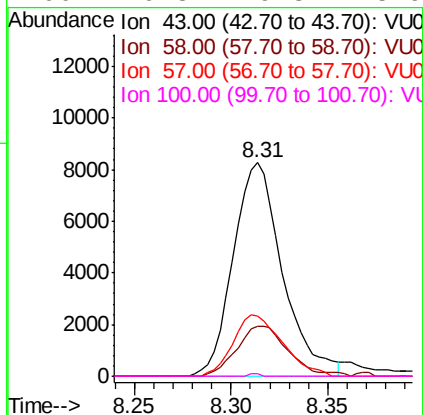
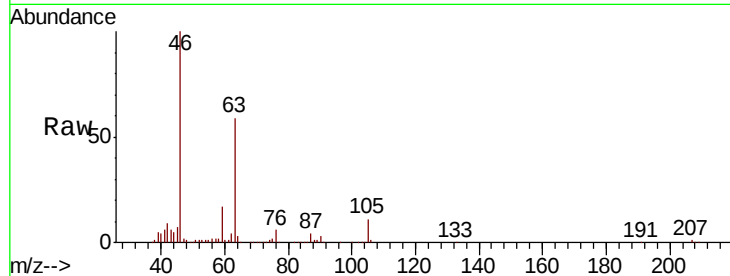




#48
 2-Hexanone
 Concen: 6.451 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026001.D
 Acq: 09 Aug 2018 17:12

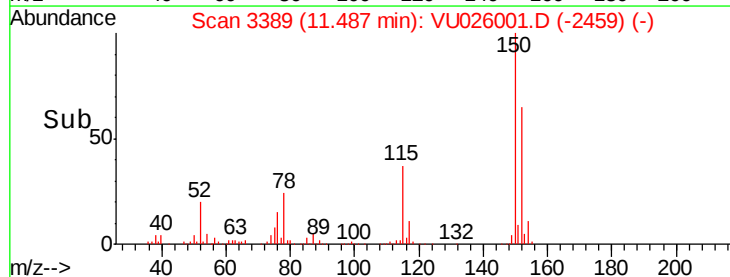
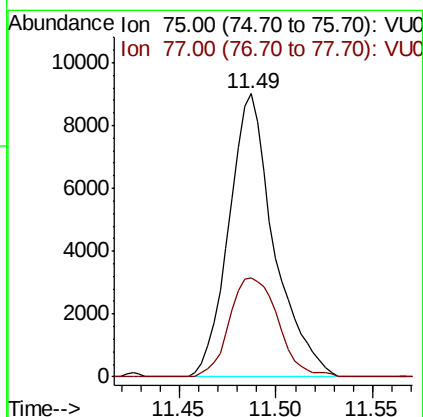
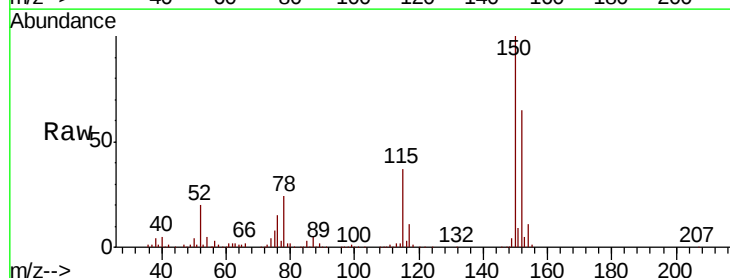
Instrument :
 MSVOA_U
 ClientSampleId :

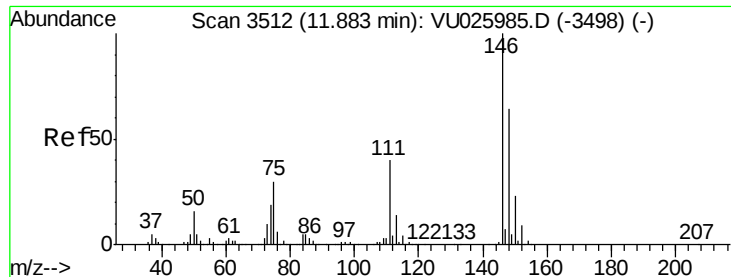
Tot Ion: 43 Resp: 14660
 Ion Ratio Lower Upper
 43 100
 58 24.1 43.6 65.4#
 57 28.8 15.1 22.7#
 100 0.3 9.3 13.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.327 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026001.D
 Acq: 09 Aug 2018 17:12

Tgt Ion: 75 Resp: 14584
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.3 37.9

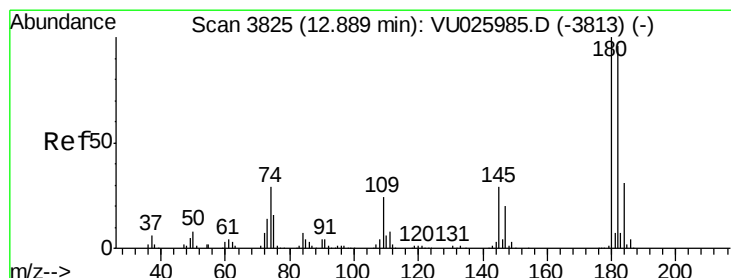
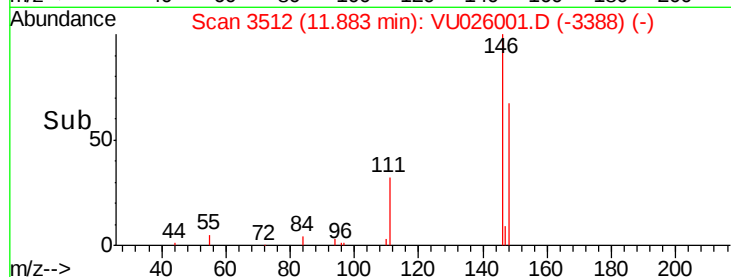
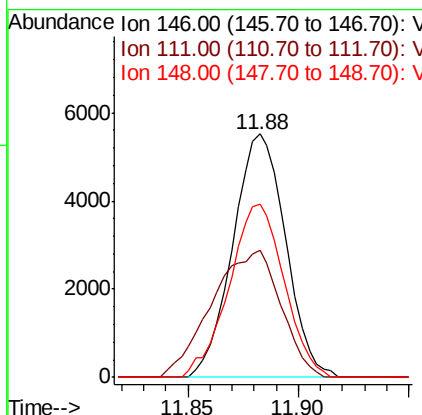
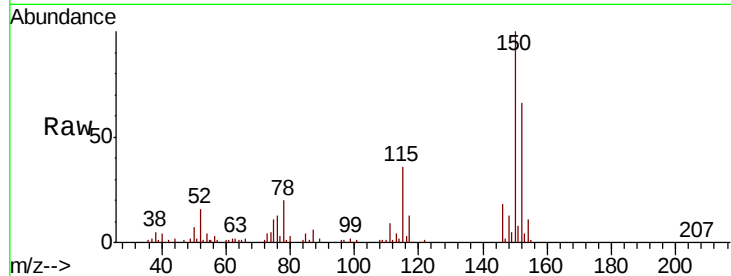




#65
 1,2-Dichlorobenzene
 Concen: 2.326 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026001.D
 Acq: 09 Aug 2018 17:12

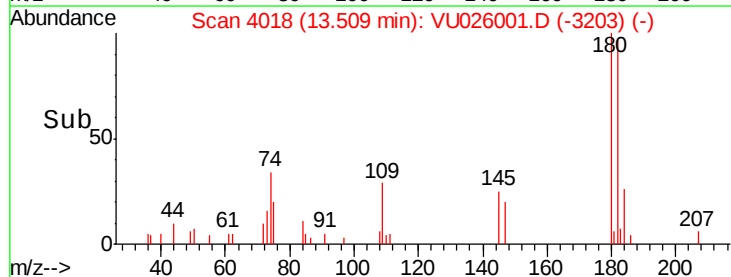
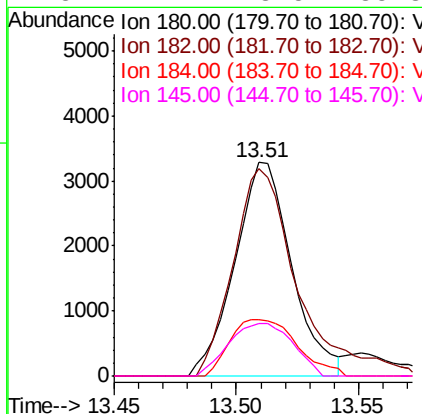
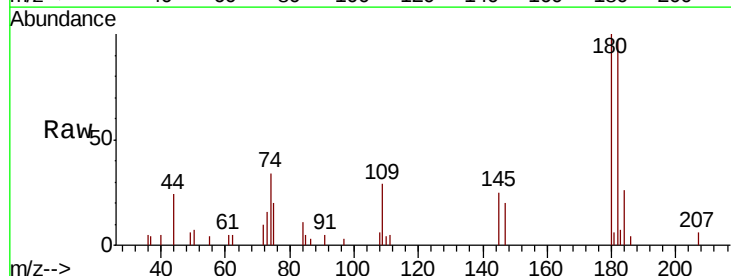
Instrument :
 MSVOA_U
 ClientSampleId :

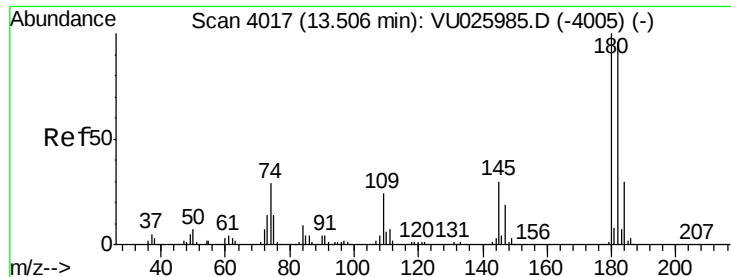
Tot Ion:146 Resp: 9176
 Ion Ratio Lower Upper
 146 100
 111 52.2 32.4 48.6#
 148 70.9 50.1 75.1



#67
 1,3,5-Trichlorobenzene
 Concen: 1.921 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.62 min
 Lab File: VU026001.D
 Acq: 09 Aug 2018 17:12

Tgt Ion:180 Resp: 5319
 Ion Ratio Lower Upper
 180 100
 182 105.1 76.5 114.7
 184 31.1 24.3 36.5
 145 27.7 23.5 35.3

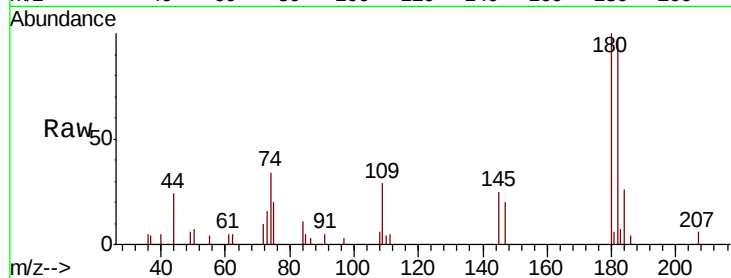




#68
 1,2,4-trichlorobenzene
 Concen: 2.271 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU026001.D
 Acq: 09 Aug 2018 17:12

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	105.1	76.5	114.7
145	27.7	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

