

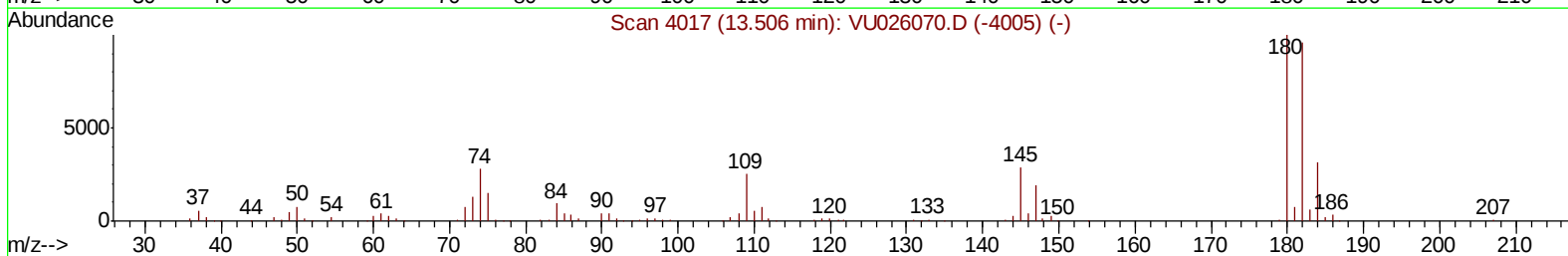
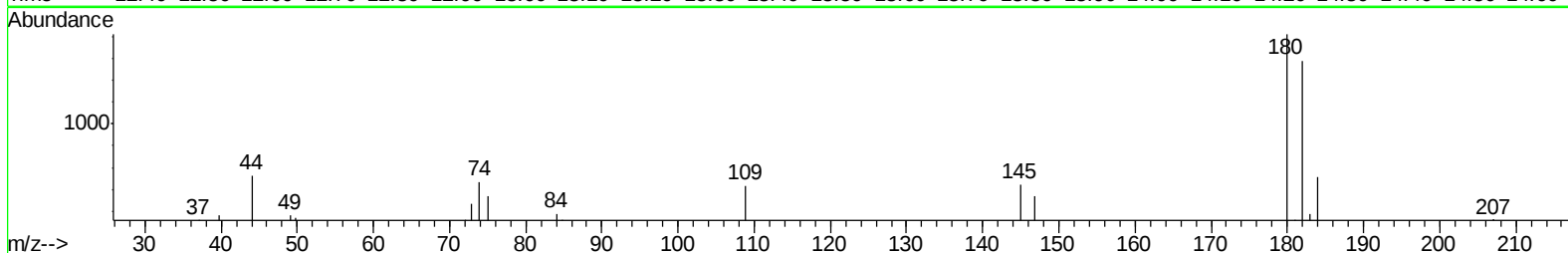
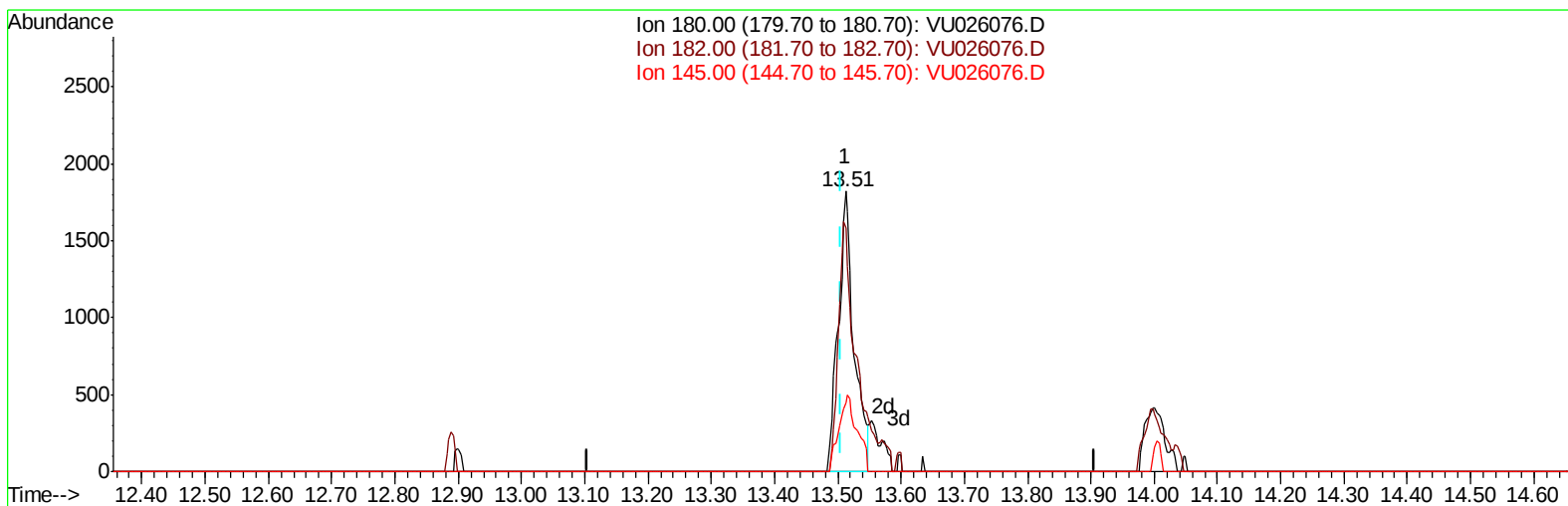
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081318\
Data File : VU026076.D
Acq On : 13 Aug 2018 18:40
Operator : MD/SY
Sample : J4402-08 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZH7

Manual Integrations
APPROVED

sam
8/14/2018 6:27:24 PM

Quant Time: Aug 14 02:20:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 02:18:47 2018
Response via : Initial Calibration



TIC: VU026076.D

(68) 1,2,4-trichlorobenzene (T)

13.512min (+0.006) 1.38ug/L

response 3184

Ion	Exp%	Act%
180.00	100	100
182.00	95.60	98.96
145.00	30.30	31.47
0.00	0.00	0.00

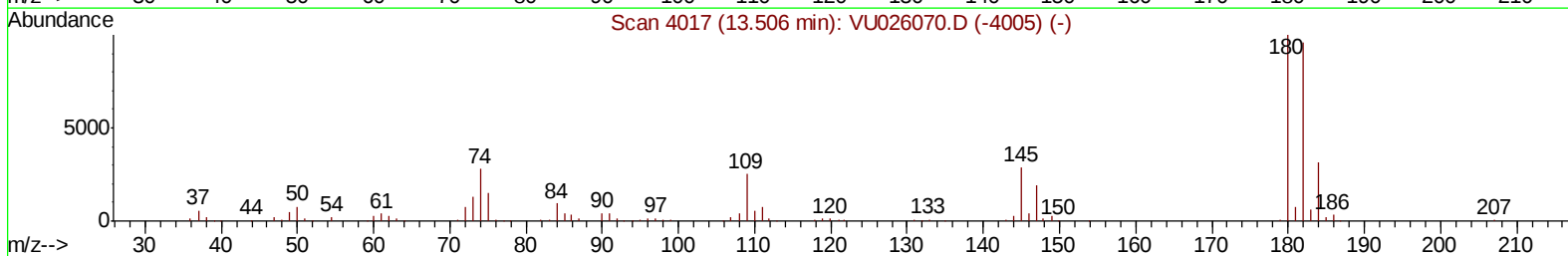
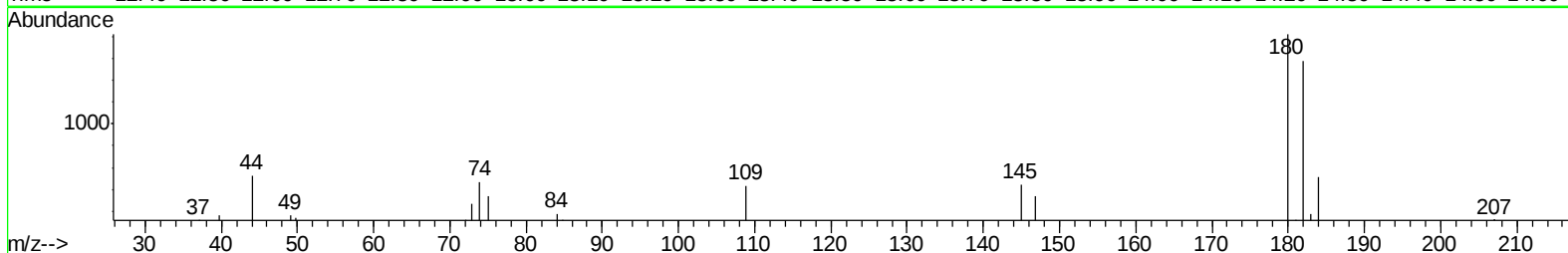
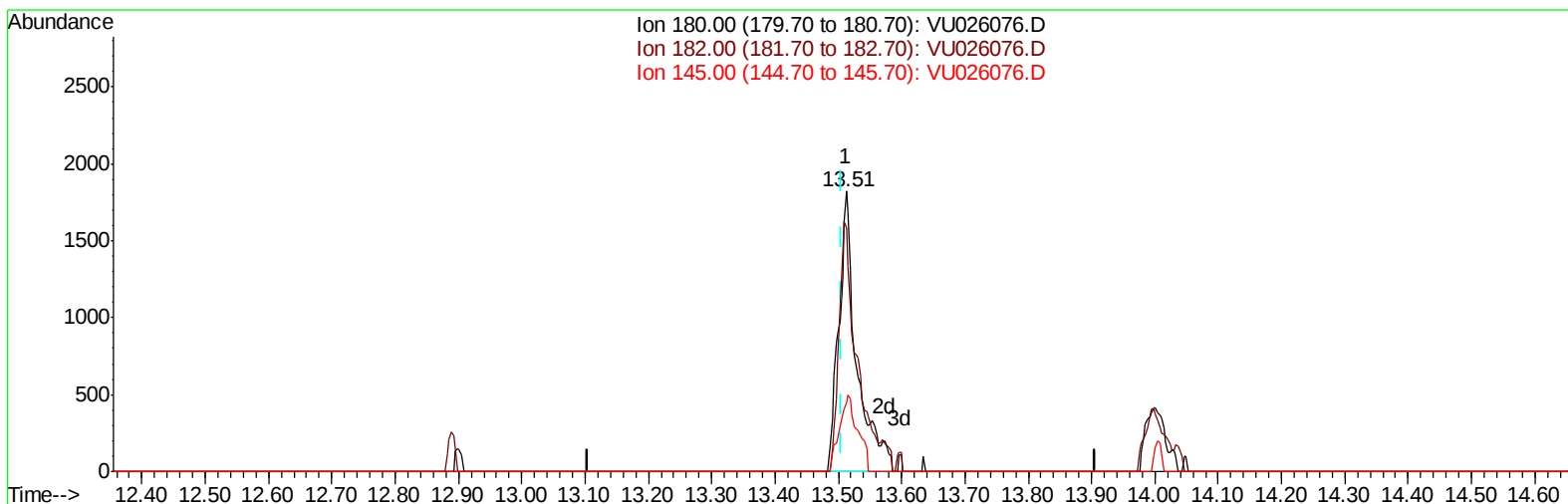
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081318\
Data File : VU026076.D
Acq On : 13 Aug 2018 18:40
Operator : MD/SY
Sample : J4402-08 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZH7

Manual Integrations
APPROVED

sam
8/14/2018 6:27:24 PM

Quant Time: Aug 14 02:20:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 02:18:47 2018
Response via : Initial Calibration



TIC: VU026076.D

(68) 1,2,4-trichlorobenzene (T)

13.512min (+0.006) 1.57ug/L m

response 3624

Ion	Exp%	Act%
180.00	100	100
182.00	95.60	86.95
145.00	30.30	27.65
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026076.D
 Acq On : 13 Aug 2018 18:40
 Operator : MD/SY
 Sample : J4402-08 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZH7

Manual Integrations
 APPROVED

sam
 8/14/2018 6:27:24 PM

Quant Time: Aug 14 02:38:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 02:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	283373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	263284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	117457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83030	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.16%
7) Chloroethane-d5	1.68	69	70240	42.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.54%
11) 1,1-Dichloroethene-d2	2.27	63	128535	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	4.18	46	143756	83.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.27%
24) Chloroform-d	4.65	84	188395	42.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.78%
26) 1,2-Dichloroethane-d4	5.31	65	128607	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
32) Benzene-d6	5.35	84	365026	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
36) 1,2-Dichloropropane-d6	6.33	67	118876	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.57	98	329699	42.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.30%
43) trans-1,3-Dichloropropene-	7.85	79	57624	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.31	63	100420	83.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.58%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	165566	42.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	133989	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%

Target Compounds

					Ovalue
51) Chlorobenzene	9.12	112	9386	1.749 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	6437	1.679 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	4698	1.207 ug/L	88
68) 1,2,4-trichlorobenzene	13.51	180	3624m	1.568 ug/L	

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081318\
Data File : VU026076.D
Acq On : 13 Aug 2018 18:40
Operator : MD/SY
Sample : J4402-08 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZH7

Manual Integrations
APPROVED

sam
8/14/2018 6:27:24 PM

Quant Time: Aug 14 02:38:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 02:18:47 2018
Response via : Initial Calibration

