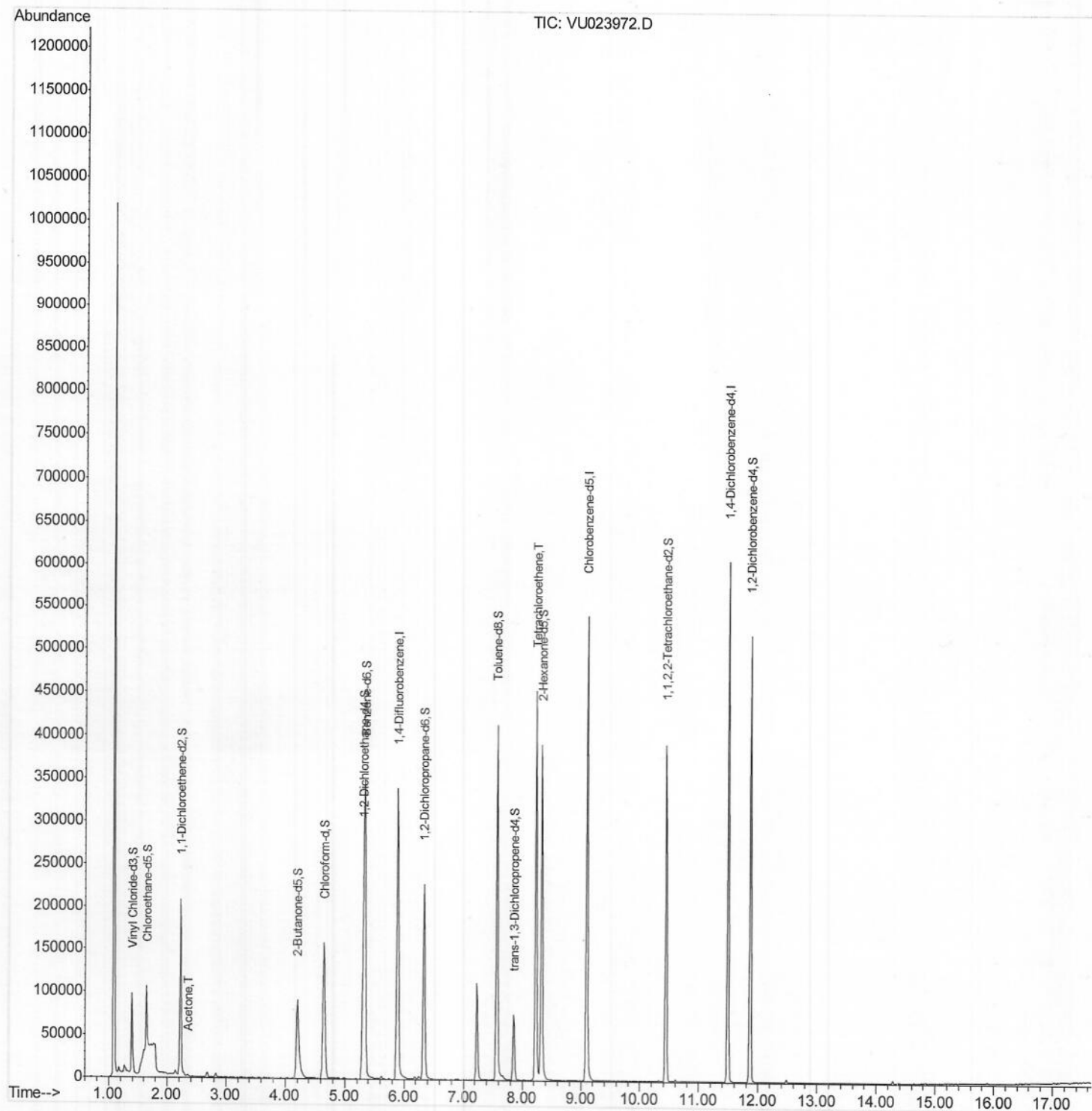


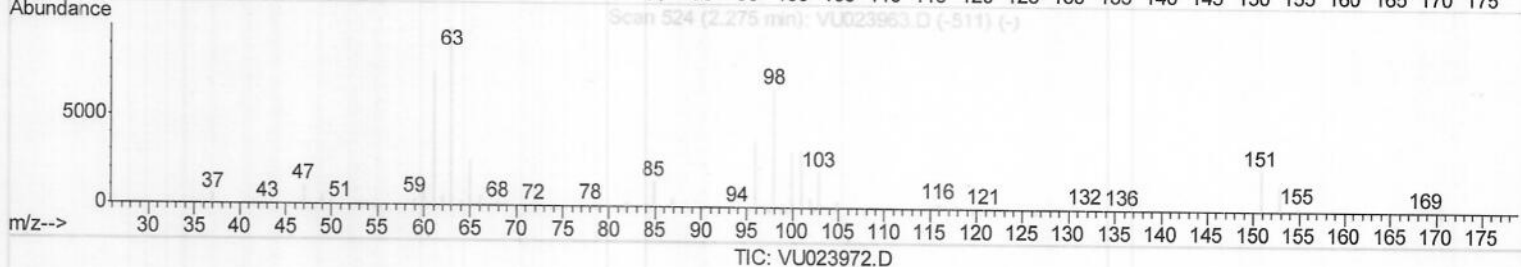
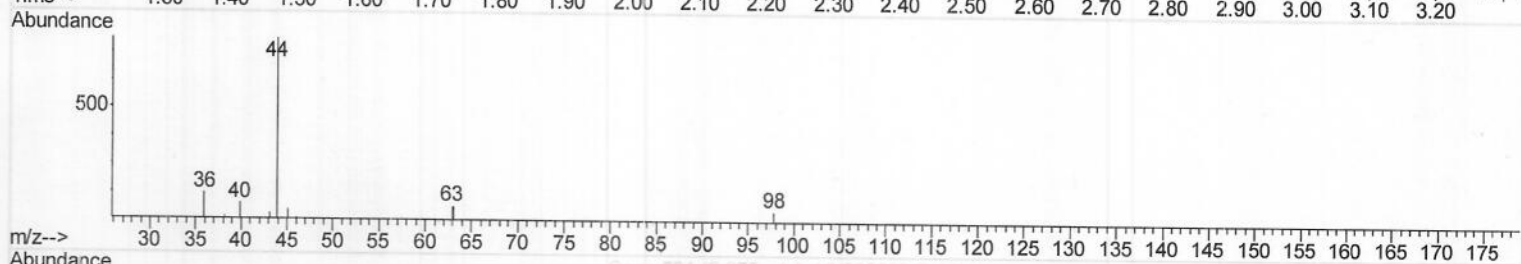
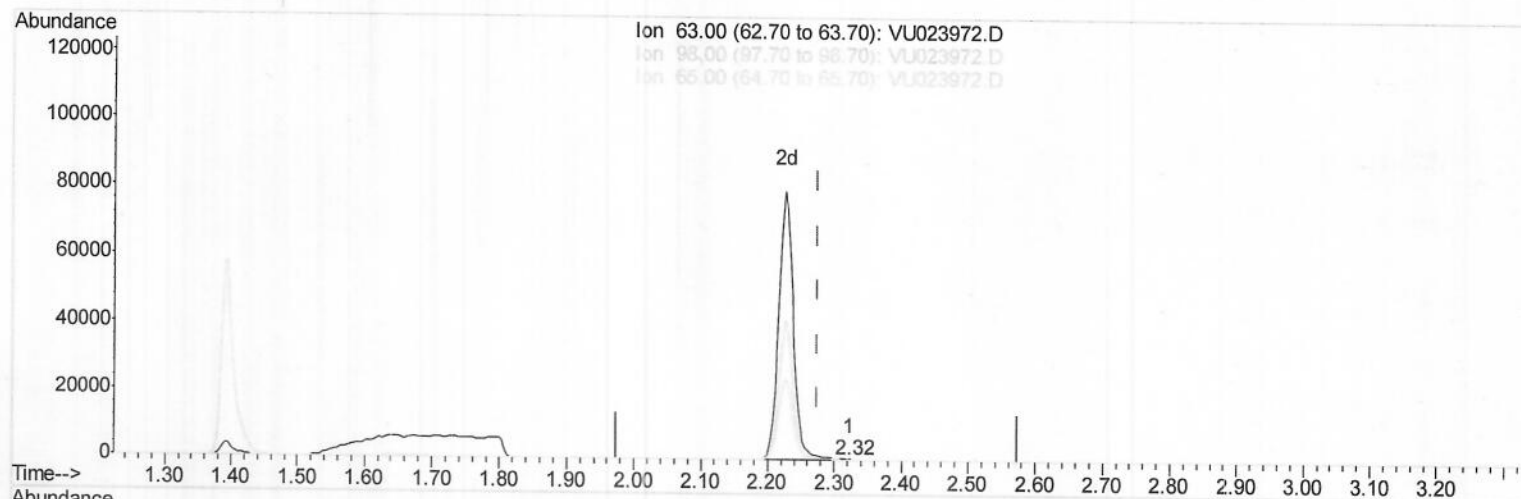
Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
Data File : VU023972.D
Acq On : 21 May 2018 16:23
Operator : MD/SY
Sample : J2952-19ME
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 22 01:33:12 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 01:05:00 2018
Response via : Initial Calibration



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
Data File : VU023972.D
Acq On : 21 May 2018 16:23
Operator : MD/SY
Sample : J2952-19ME
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 22 01:07:56 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 01:05:00 2018
Response via : Initial Calibration



(11) 1,1-Dichloroethene-d2 (S)

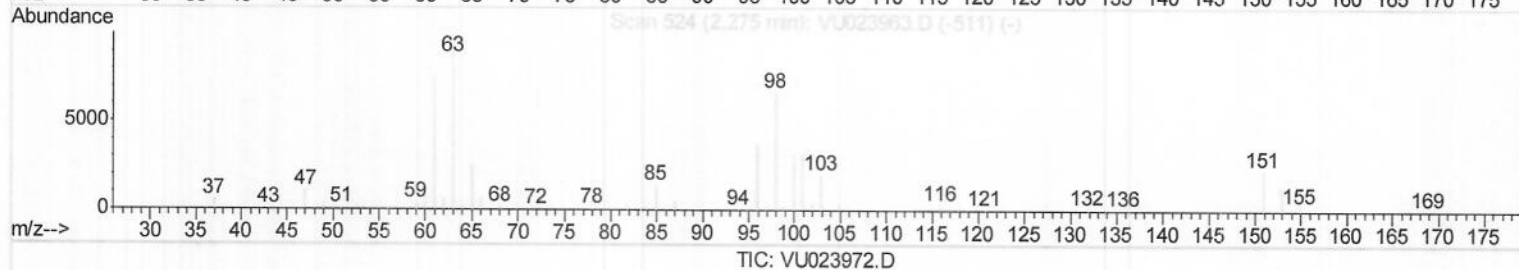
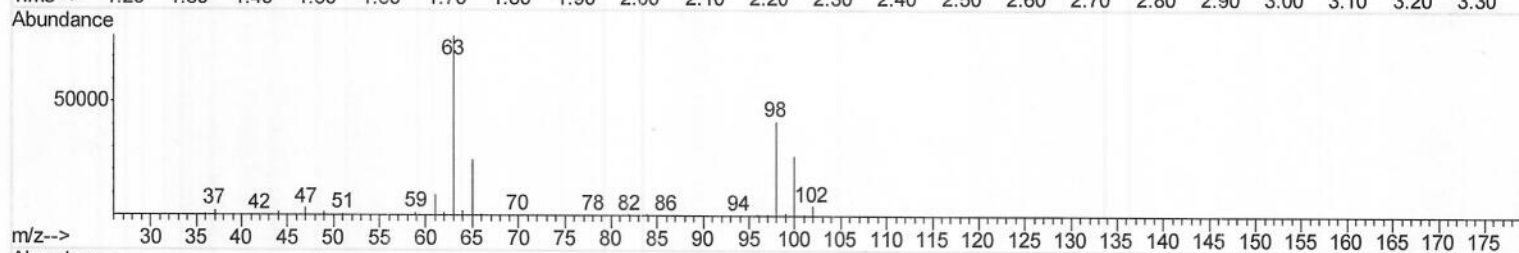
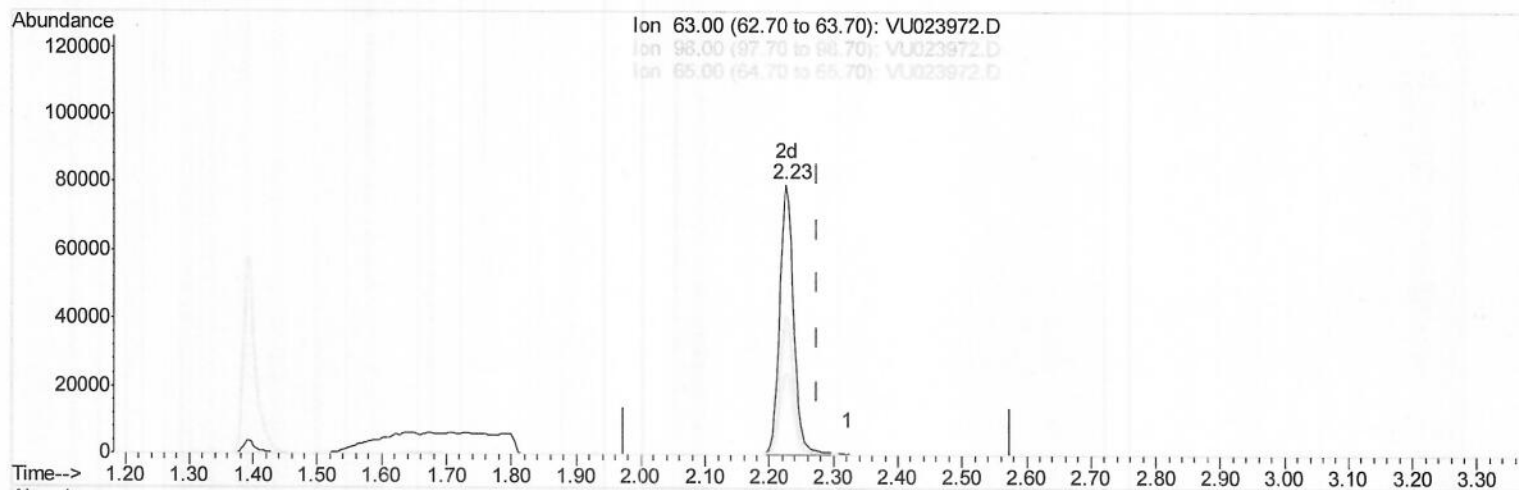
2.323min (+0.048) 0.01ug/L

response 29

Ion	Exp%	Act%
63.00	100	100
98.00	68.90	0.00#
65.00	23.80	0.00#
0.00	0.00	0.00

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
Data File : VU023972.D
Acq On : 21 May 2018 16:23
Operator : MD/SY
Sample : J2952-19ME
Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 22 01:07:56 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 01:05:00 2018
Response via : Initial Calibration



(11) 1,1-Dichloroethene-d2 (S)

2.227min (-0.048) 24.46ug/L m

response 124046

Ion Exp% Act%

63.00 100 100

98.00 68.90 0.00#

65.00 23.80 0.00#

0.00 0.00 0.00

MD
05/29/18

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023972.D
 Acq On : 21 May 2018 16:23
 Operator : MD/SY
 Sample : J2952-19ME
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 22 01:33:12 2018

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M

Quant Title : VOC Analysis

QLast Update : Tue May 22 01:05:00 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	297497	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	319963	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153942	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	76068	27.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	55.04%	#	
7) Chloroethane-d5	1.64	69	49660	22.80	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	45.60%	#	
11) 1,1-Dichloroethene-d2	2.23	63	124046m	24.46	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	48.92%	#	
21) 2-Butanone-d5	4.20	46	188496	97.98	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.98%		
24) Chloroform-d	4.65	84	160215	37.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.94%		
26) 1,2-Dichloroethane-d4	5.31	65	119236	42.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.90%		
32) Benzene-d6	5.34	84	323616	34.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.30%	#	
36) 1,2-Dichloropropane-d6	6.33	67	118389	37.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.06%		
41) Toluene-d8	7.57	98	290267	33.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	67.46%	#	
43) trans-1,3-Dichloropropene-	7.85	79	46735	35.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.44%		
47) 2-Hexanone-d5	8.33	63	141515	97.32	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.32%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	195042	43.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.80%		
64) 1,2-Dichlorobenzene-d4	11.87	152	133451	40.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.28%		

) MD
05/29/18

Target Compounds

					Qvalue
13) Acetone	2.35	43	2389	1.23	ug/L 65
46) Tetrachloroethene	8.23	164	105152	47.90	ug/L 96

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