

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

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	2.32	63	29	0.01	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
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%

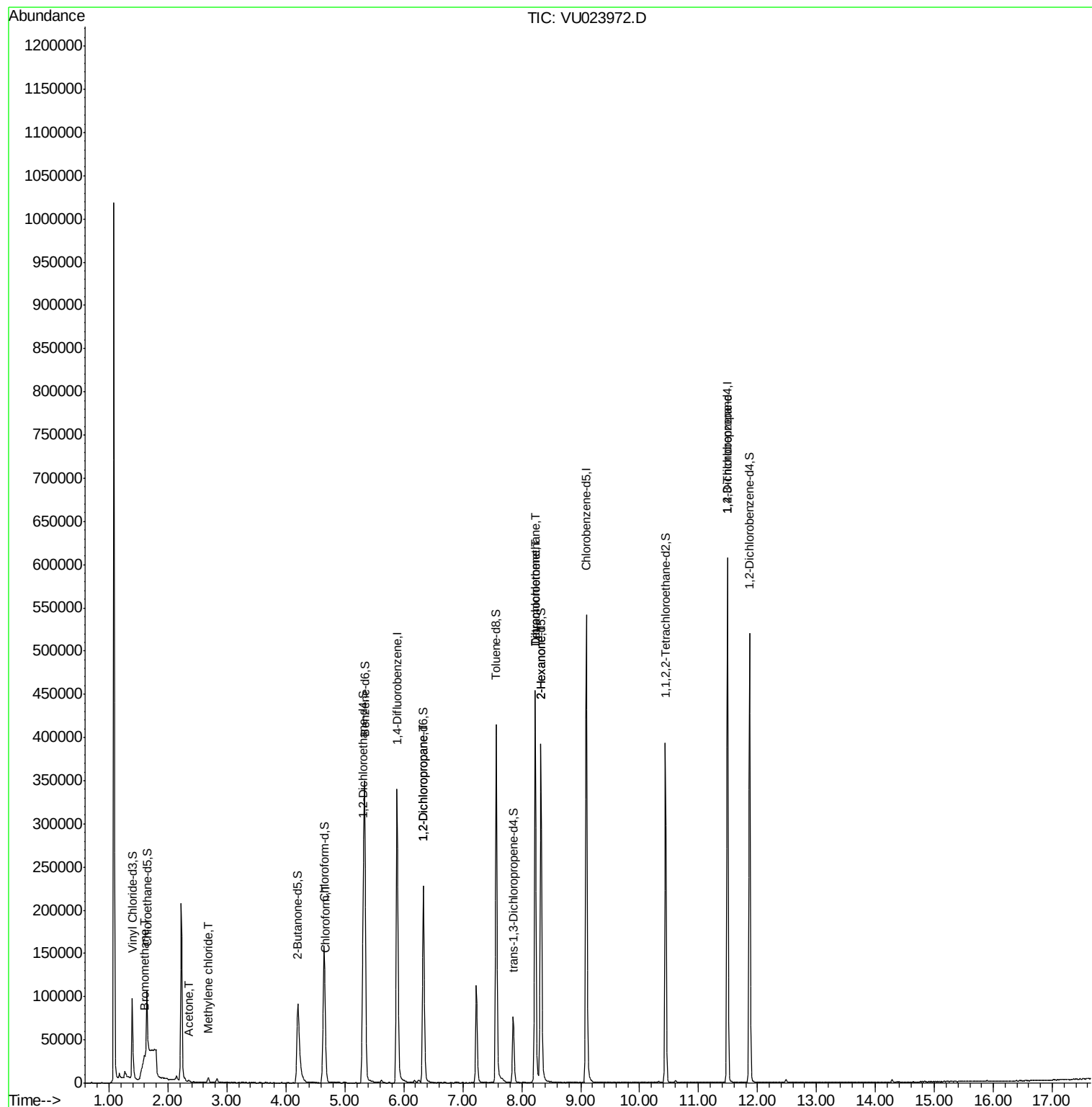
Target Compounds

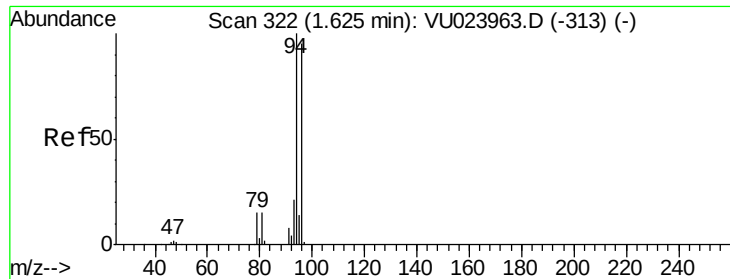
						Qvalue
6) Bromomethane	1.60	94	1737	1.33	ug/L	90
13) Acetone	2.35	43	2389	1.23	ug/L	65
16) Methylene chloride	2.68	84	2735	1.03	ug/L	97
25) Chloroform	4.67	83	8406	1.79	ug/L	93
37) 1,2-Dichloropropane	6.33	63	12547	4.03	ug/L #	88
46) Tetrachloroethene	8.23	164	105152	47.90	ug/L	96
48) 2-Hexanone	8.33	43	18089	5.08	ug/L #	68
49) Dibromochloromethane	8.23	129	98139	32.99	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	19276	4.77	ug/L	89

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

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Quant Title : VOC Analysis
QLast Update : Tue May 22 01:05:00 2018
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.33 ug/L

RT: 1.60 min Scan# 314

Delta R.T. -0.03 min

Lab File: VU023972.D

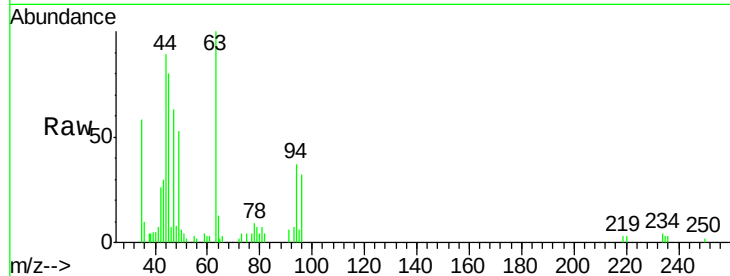
Acq: 21 May 2018 16:23

Tgt Ion: 94 Resp: 1737

Ion Ratio Lower Upper

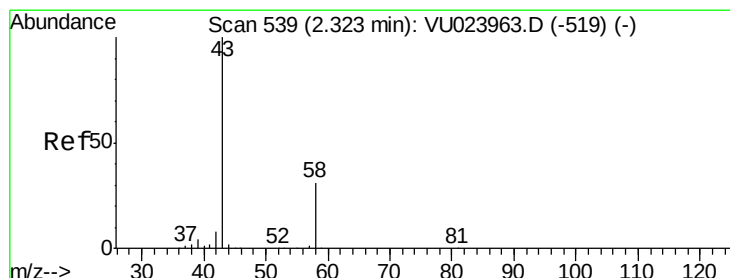
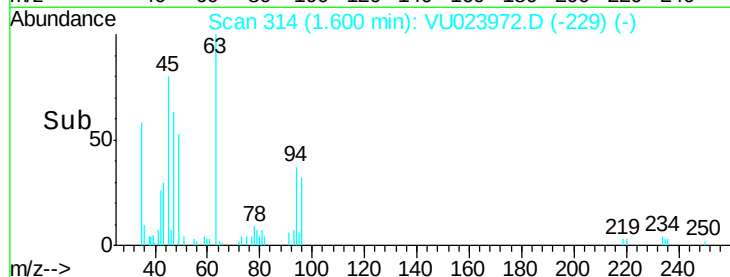
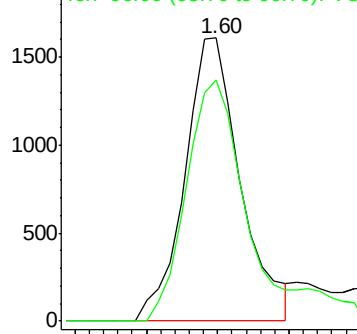
94 100

96 85.4 66.6 123.6



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#13

Acetone

Concen: 1.23 ug/L

RT: 2.35 min Scan# 547

Delta R.T. 0.03 min

Lab File: VU023972.D

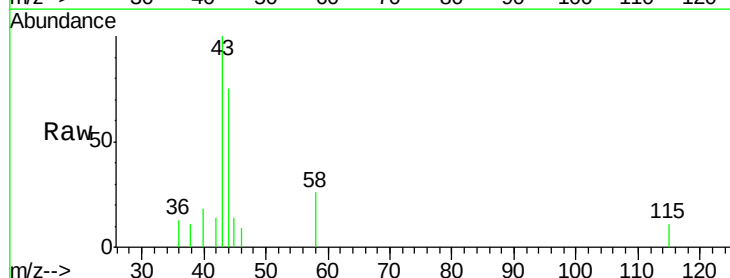
Acq: 21 May 2018 16:23

Tgt Ion: 43 Resp: 2389

Ion Ratio Lower Upper

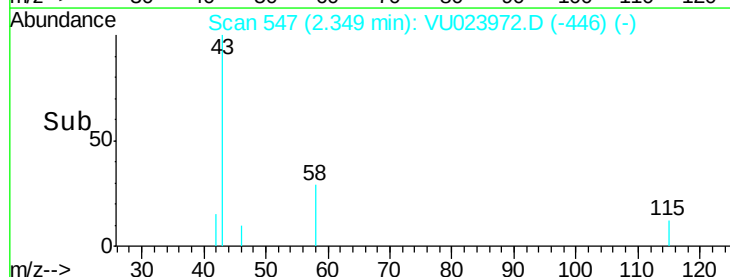
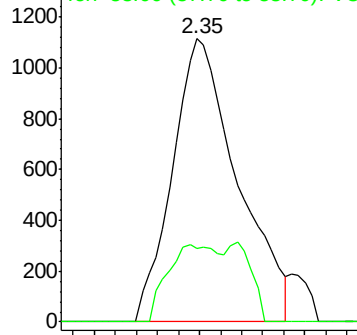
43 100

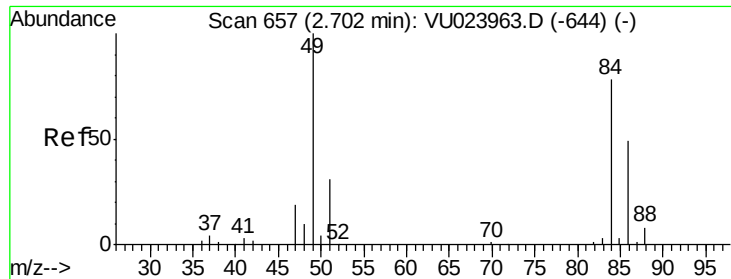
58 13.1 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

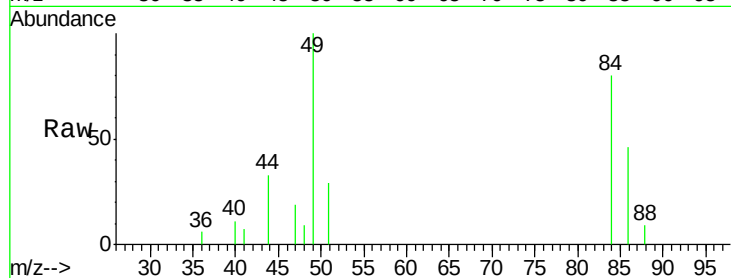
Ion 58.00 (57.70 to 58.70): VU0



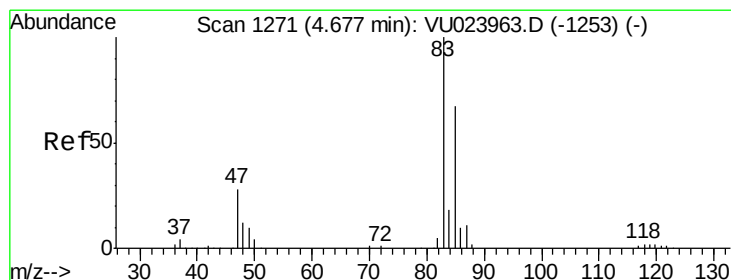
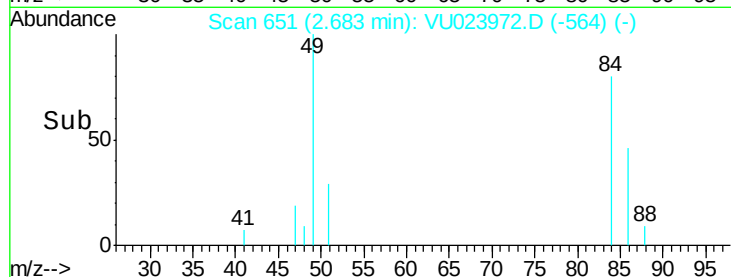
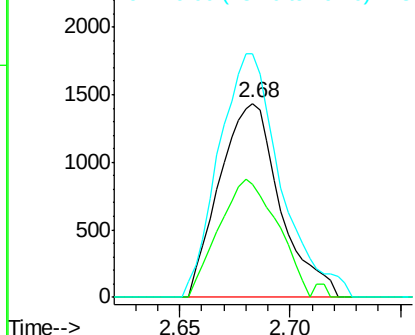


#16
Methylene chloride
Concen: 1.03 ug/L
RT: 2.68 min Scan# 651
Delta R.T. -0.02 min
Lab File: VU023972.D
Acq: 21 May 2018 16:23

Tgt Ion: 84 Resp: 2735
Ion Ratio Lower Upper
84 100
86 58.1 44.6 82.8
49 125.3 87.6 162.6

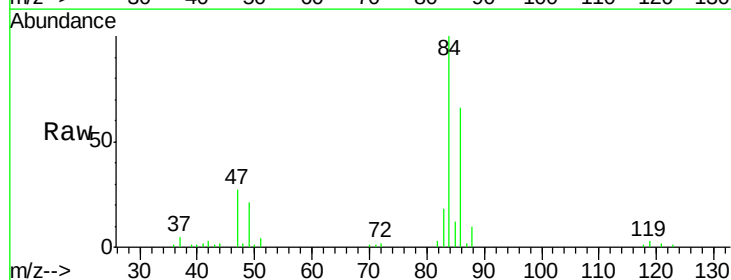


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

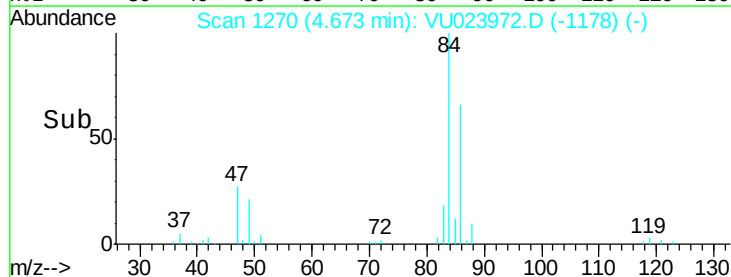
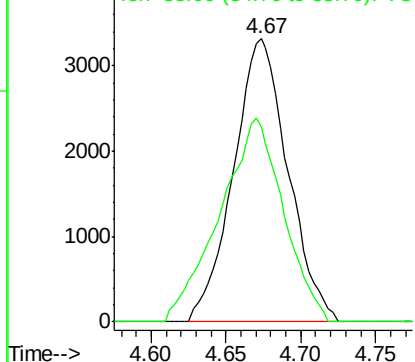


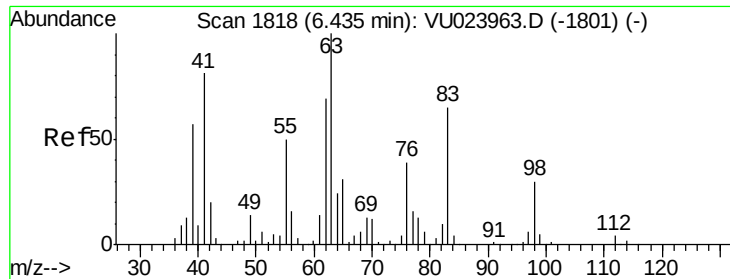
#25
Chloroform
Concen: 1.79 ug/L
RT: 4.67 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU023972.D
Acq: 21 May 2018 16:23

Tgt Ion: 83 Resp: 8406
Ion Ratio Lower Upper
83 100
85 68.7 44.4 82.5



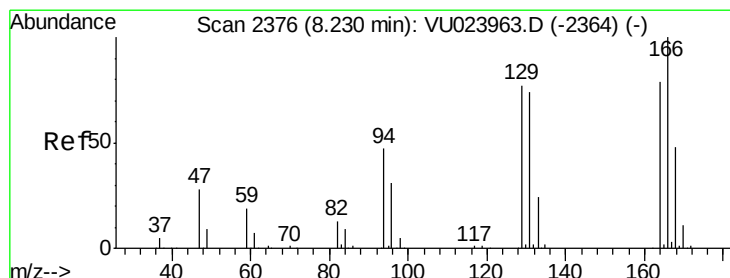
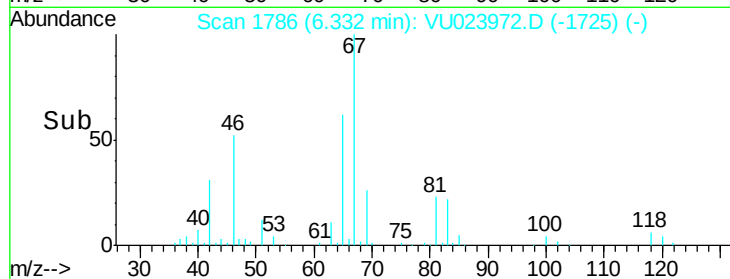
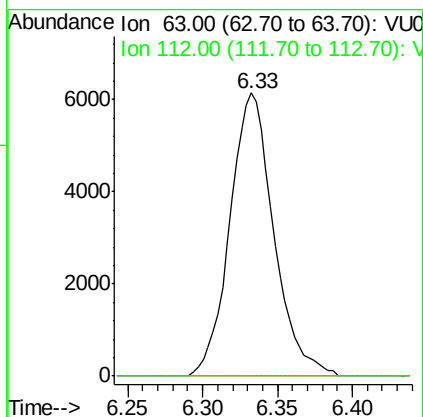
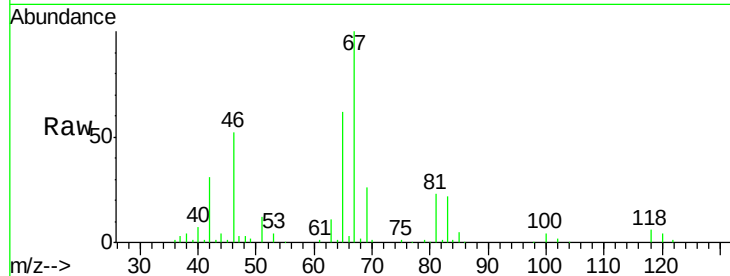
Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0





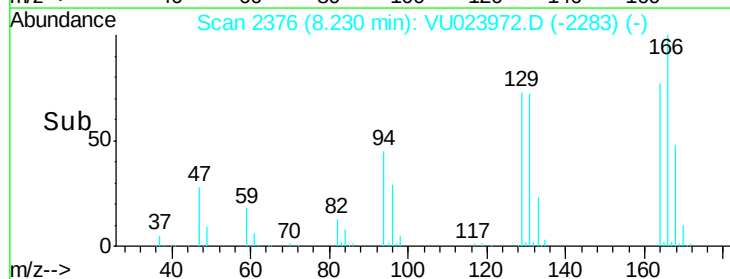
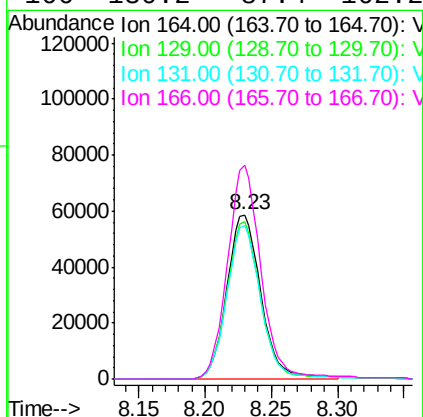
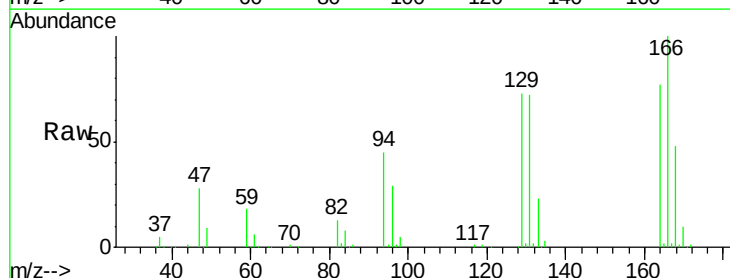
#37
 1,2-Dichloropropane
 Concen: 4.03 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU023972.D
 Acq: 21 May 2018 16:23

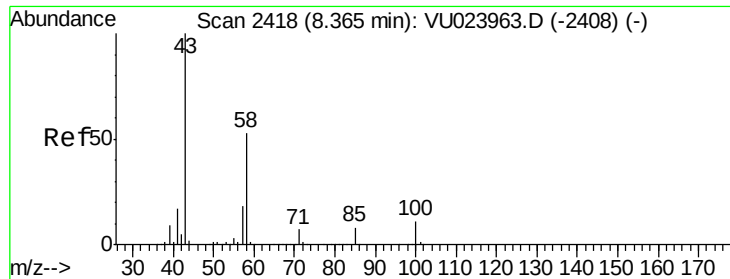
Tgt Ion: 63 Resp: 12547
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#46
 Tetrachloroethene
 Concen: 47.90 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023972.D
 Acq: 21 May 2018 16:23

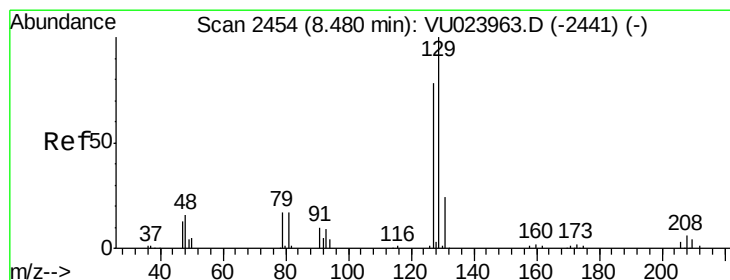
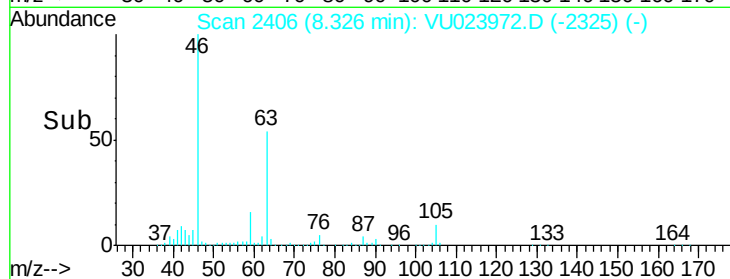
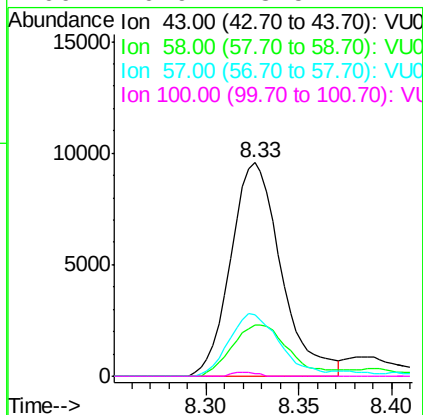
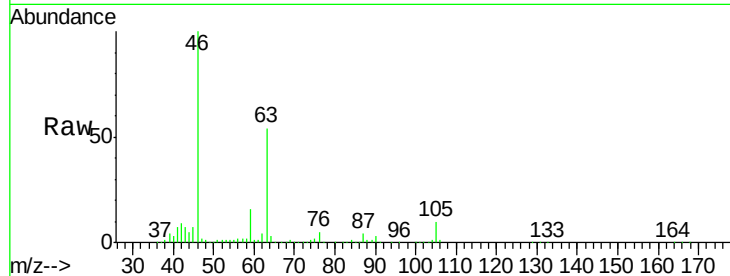
Tgt Ion:164 Resp: 105152
 Ion Ratio Lower Upper
 164 100
 129 95.7 65.3 121.3
 131 93.4 63.0 117.0
 166 130.2 87.4 162.2





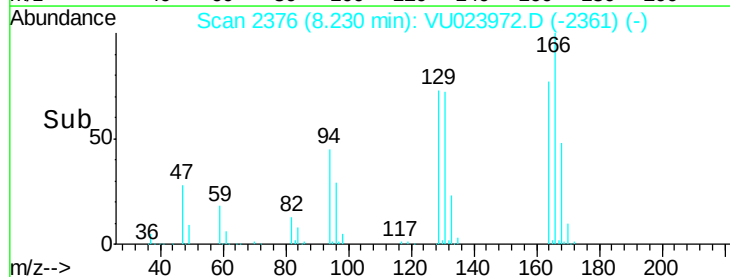
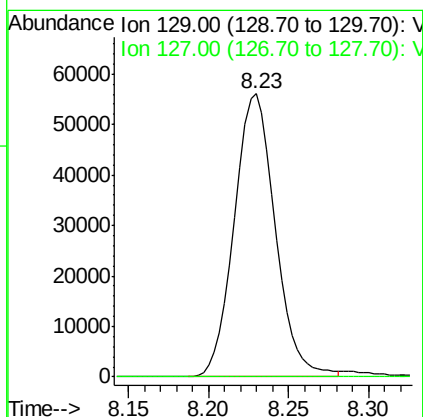
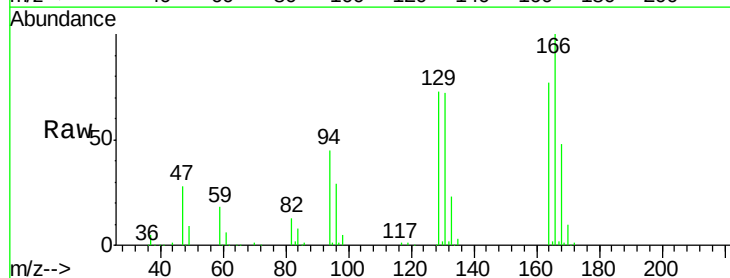
#48
 2-Hexanone
 Concen: 5.08 ug/L
 RT: 8.33 min Scan# 2406
 Delta R.T. -0.04 min
 Lab File: VU023972.D
 Acq: 21 May 2018 16:23

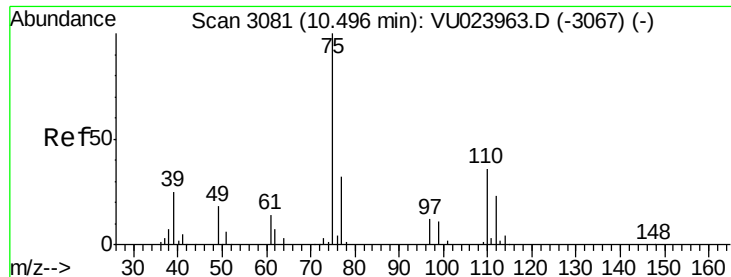
Tgt Ion:	43	Resp:	18089
Ion	Ratio	Lower	Upper
43	100		
58	27.7	42.6	63.8#
57	29.5	14.9	22.3#
100	0.9	8.5	12.7#



#49
 Dibromochloromethane
 Concen: 32.99 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU023972.D
 Acq: 21 May 2018 16:23

Tgt Ion:	129	Resp:	98139
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#59
 1,2,3-Trichloropropane
 Concen: 4.77 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU023972.D
 Acq: 21 May 2018 16:23

Tgt Ion: 75 Resp: 19276
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.2 39.4

