

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024150.D
 Acq On : 26 May 2018 17:06
 Operator : MD/SY
 Sample : J3081-20DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 28 00:59:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	289799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	264747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	94725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86532	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.56%
7) Chloroethane-d5	1.68	69	73854	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.42%
11) 1,1-Dichloroethene-d2	2.27	63	126889	30.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.92%
21) 2-Butanone-d5	4.18	46	169459	96.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.75%
24) Chloroform-d	4.65	84	172711	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
26) 1,2-Dichloroethane-d4	5.31	65	114723	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
32) Benzene-d6	5.35	84	341480	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.34	67	121554	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.57	98	291807	42.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.94%
43) trans-1,3-Dichloropropene-	7.85	79	44393	44.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.92%
47) 2-Hexanone-d5	8.31	63	120309	100.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.42%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170590	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.87	152	106910	51.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.96%

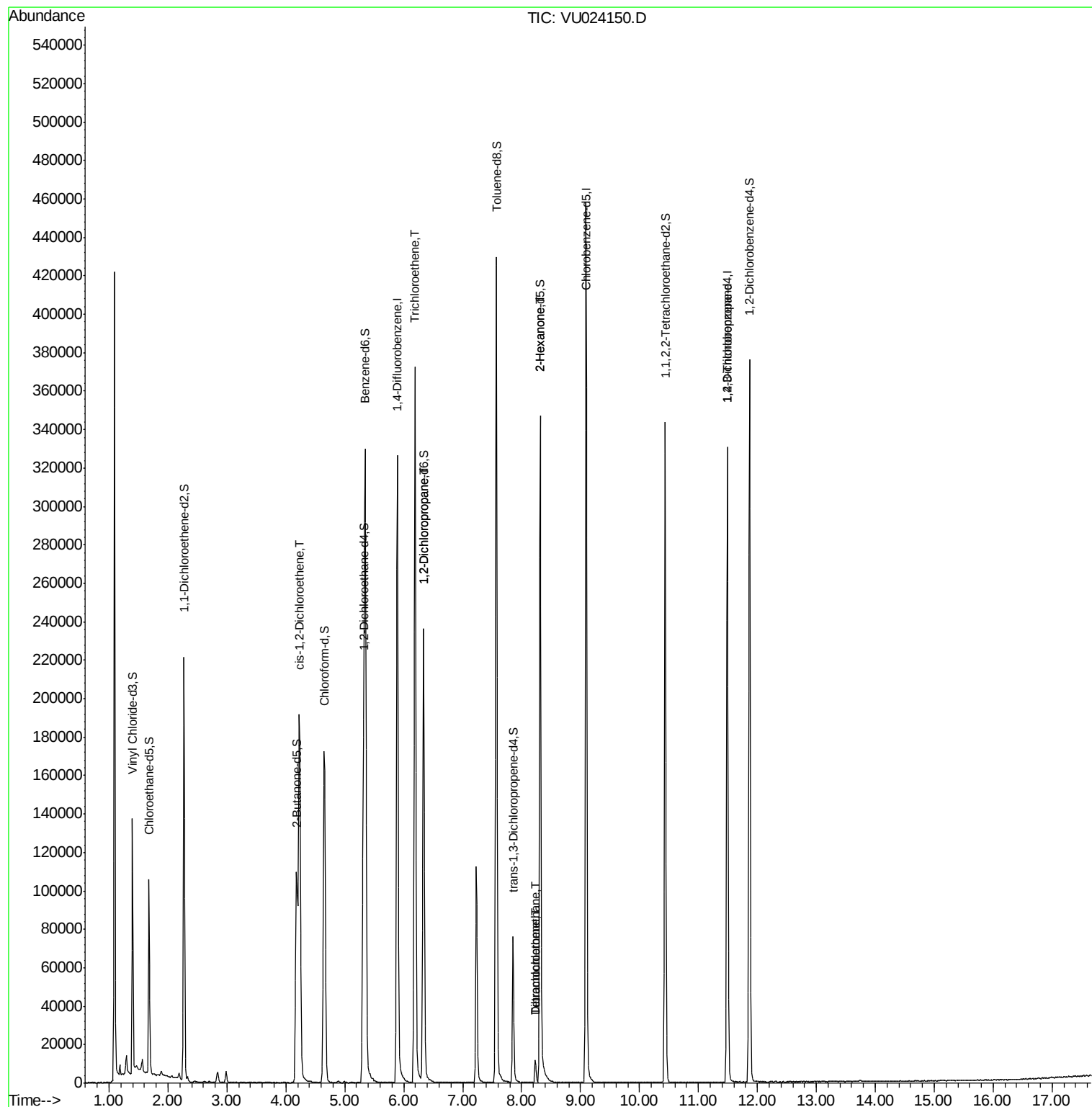
Target Compounds

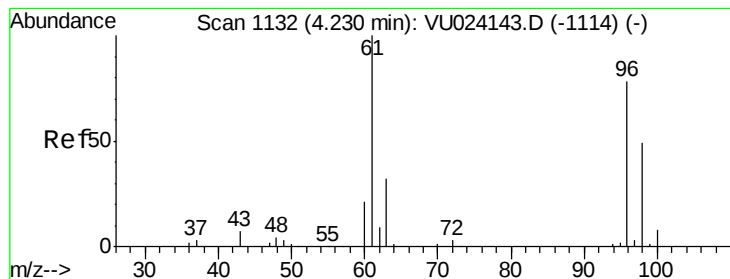
						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	105858	45.36	ug/L	98
34) Trichloroethene	6.19	95	132968	53.71	ug/L	97
37) 1,2-Dichloropropane	6.34	63	12004	4.86	ug/L #	89
46) Tetrachloroethene	8.23	164	3140	1.81	ug/L	93
48) 2-Hexanone	8.31	43	13731	5.19	ug/L #	68
49) Dibromochloromethane	8.23	129	2884	1.25	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10548	3.41	ug/L	90

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

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#20

cis-1,2-Dichloroethene

Concen: 45.36 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024150.D

Acq: 26 May 2018 17:06

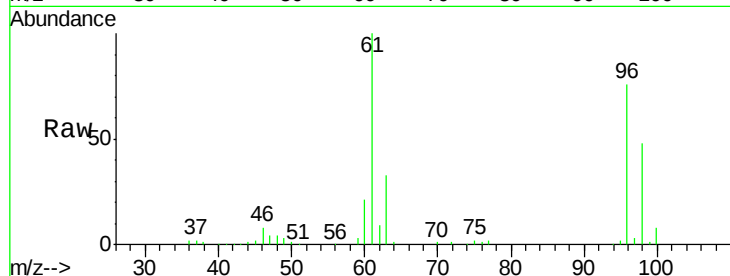
Tgt Ion: 96 Resp: 105858

Ion Ratio Lower Upper

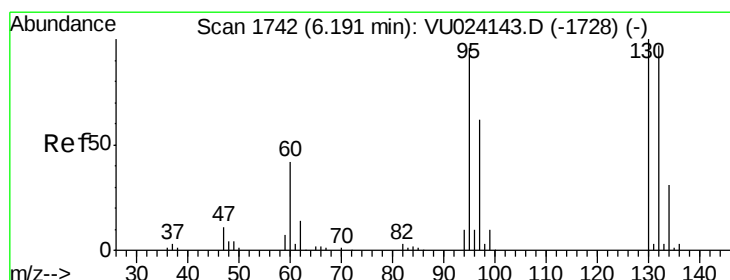
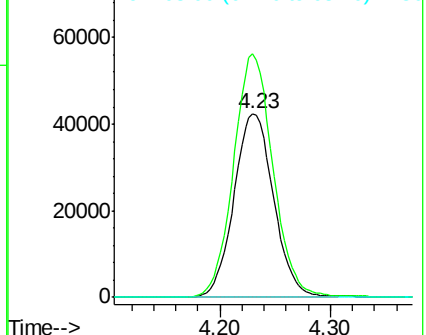
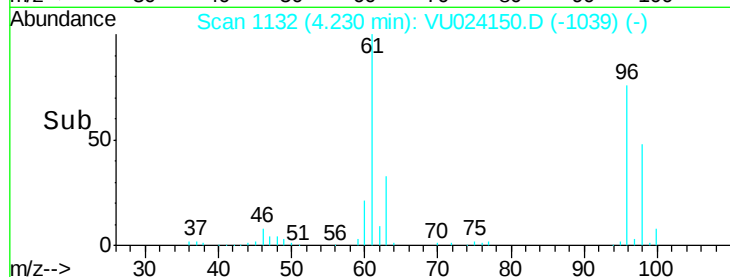
96 100

61 132.4 94.8 176.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU024150.D (-1039) (-)



#34

Trichloroethene

Concen: 53.71 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024150.D

Acq: 26 May 2018 17:06

Tgt Ion: 95 Resp: 132968

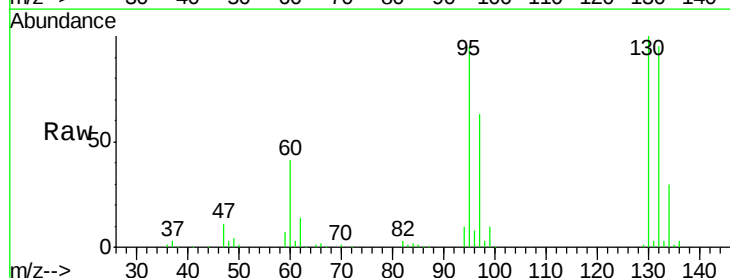
Ion Ratio Lower Upper

95 100

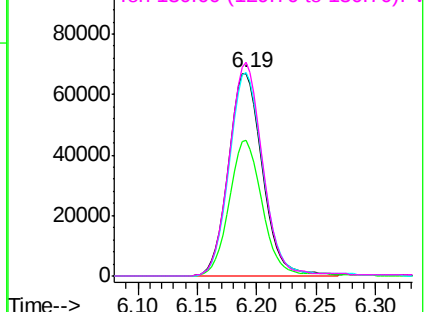
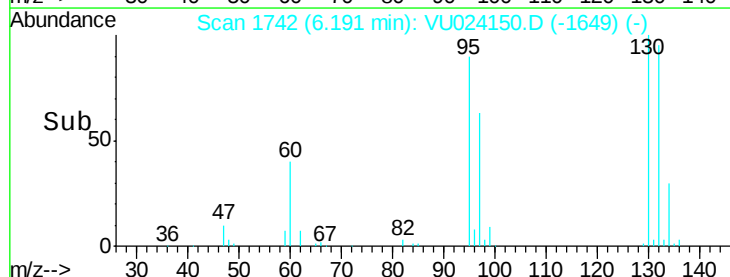
97 66.8 44.5 82.7

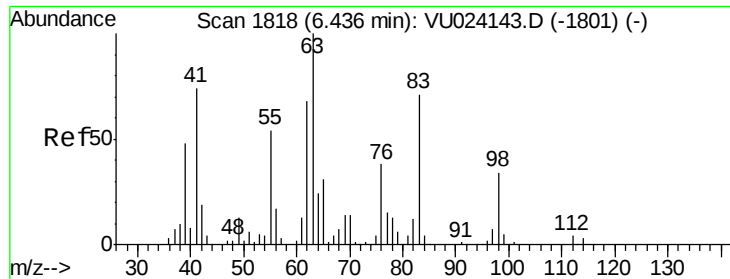
132 100.5 69.0 128.2

130 105.3 70.6 131.0



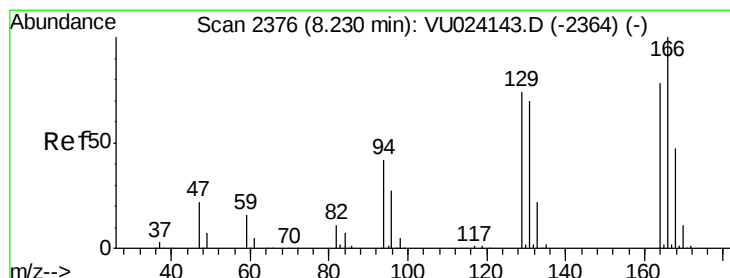
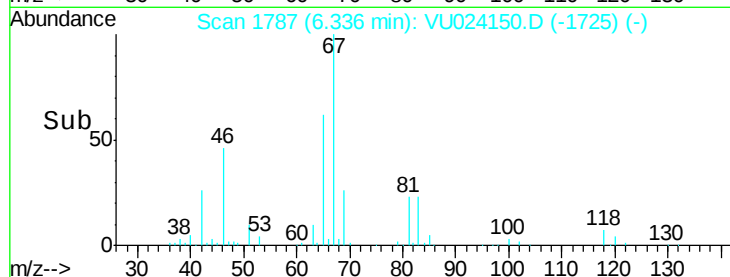
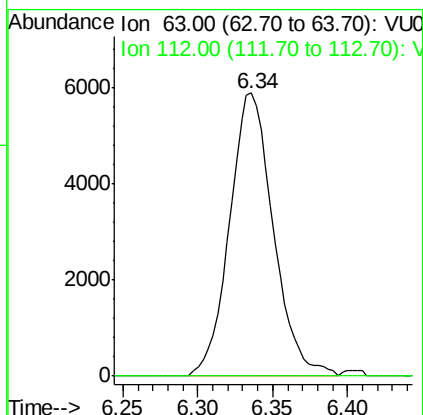
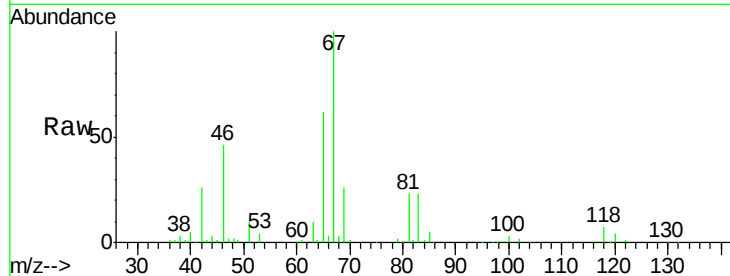
Abundance Ion 95.00 (94.70 to 95.70): VU024150.D (-1649) (-)





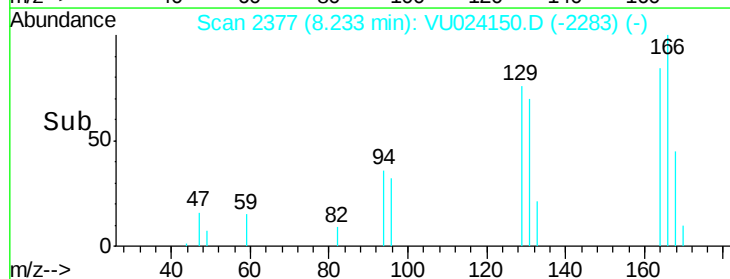
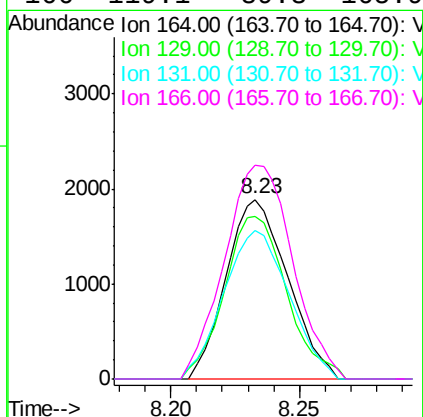
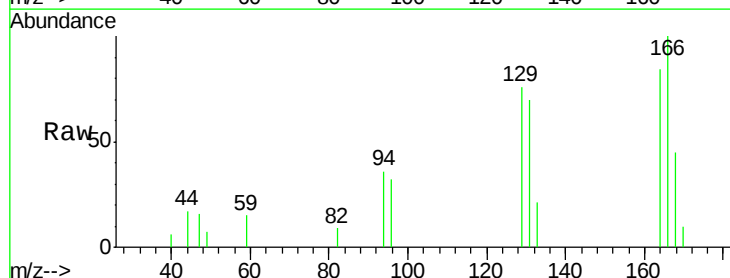
#37
 1,2-Dichloropropane
 Concen: 4.86 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024150.D
 Acq: 26 May 2018 17:06

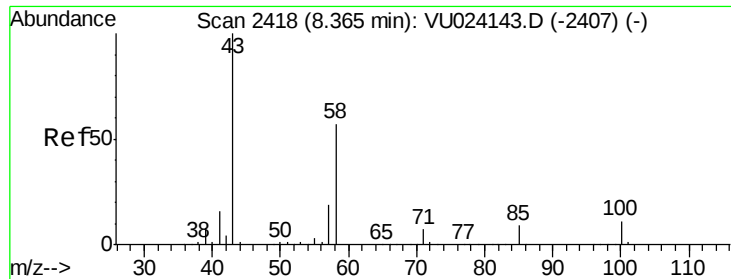
Tgt Ion: 63 Resp: 12004
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#46
 Tetrachloroethene
 Concen: 1.81 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU024150.D
 Acq: 26 May 2018 17:06

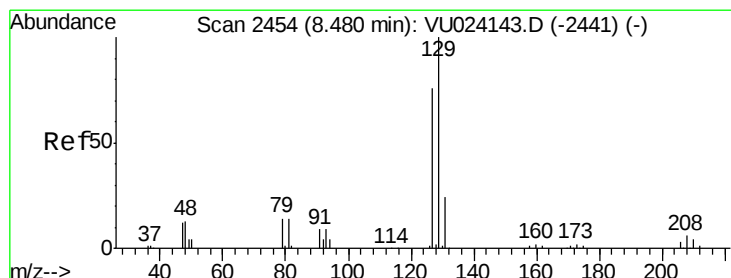
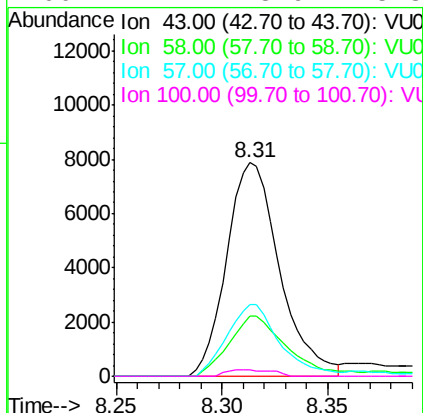
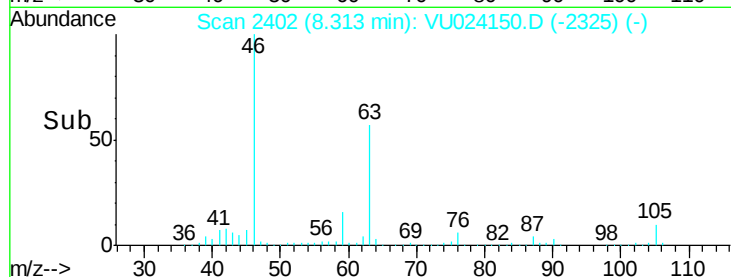
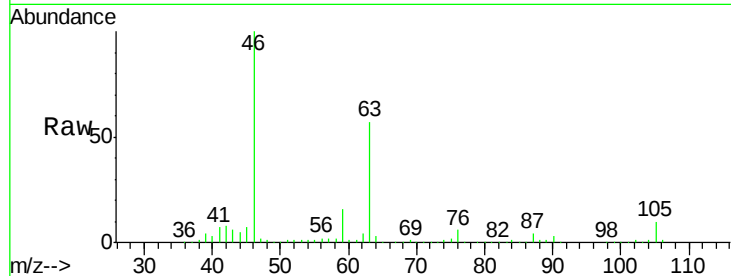
Tgt Ion: 164 Resp: 3140
 Ion Ratio Lower Upper
 164 100
 129 90.9 66.6 123.6
 131 82.9 64.5 119.9
 166 119.1 89.3 165.9





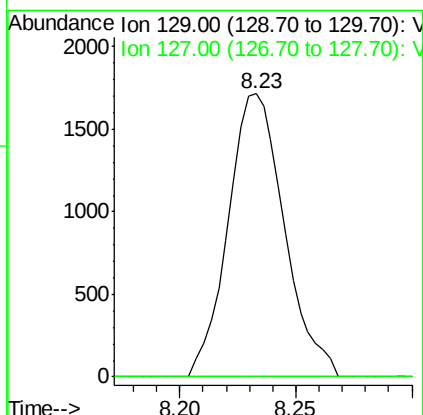
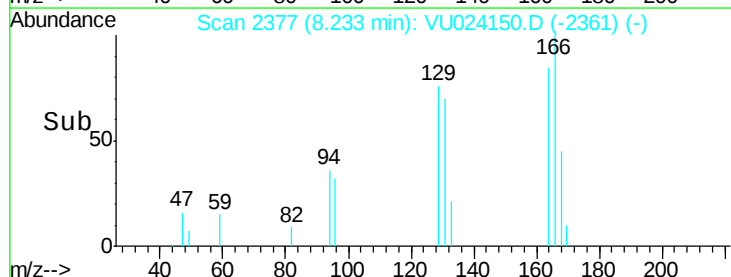
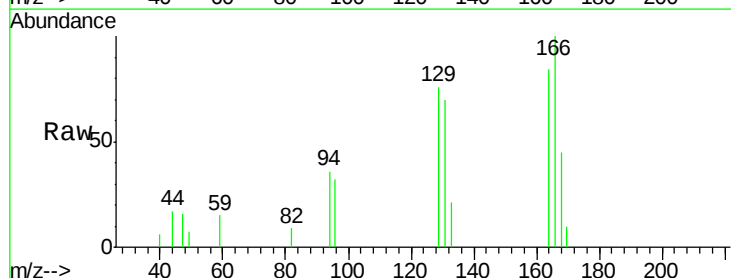
#48
2-Hexanone
Concen: 5.19 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU024150.D
Acq: 26 May 2018 17:06

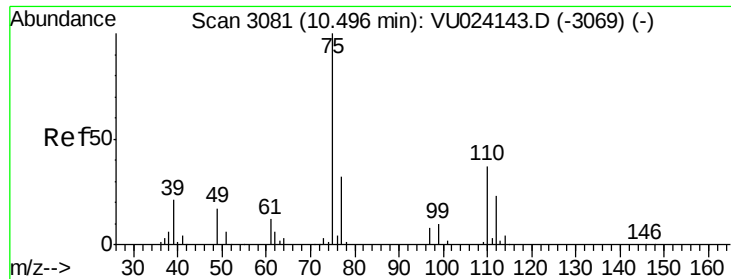
Tgt Ion:	43	Resp:	13731
Ion	Ratio	Lower	Upper
43	100		
58	30.9	44.6	67.0#
57	33.2	15.3	22.9#
100	2.7	8.9	13.3#



#49
Dibromochloromethane
Concen: 1.25 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU024150.D
Acq: 26 May 2018 17:06

Tgt Ion:	129	Resp:	2884
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59
 1,2,3-Trichloropropane
 Concen: 3.41 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU024150.D
 Acq: 26 May 2018 17:06

Tgt Ion: 75 Resp: 10548
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.5 38.3

