

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024148.D
 Acq On : 26 May 2018 16:15
 Operator : MD/SY
 Sample : J3081-18DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 28 00:58:56 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	281812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	267952	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96871	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	89103	41.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.18%
7) Chloroethane-d5	1.68	69	77224	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.78%
11) 1,1-Dichloroethene-d2	2.27	63	129248	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.86%
21) 2-Butanone-d5	4.18	46	171648	100.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.65	84	179511	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	5.31	65	115928	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.35	84	354008	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.34	67	123206	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.96%
41) Toluene-d8	7.57	98	302209	43.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.94%
43) trans-1,3-Dichloropropene-	7.85	79	44776	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.31	63	123472	101.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.83%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176604	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.87	152	111953	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

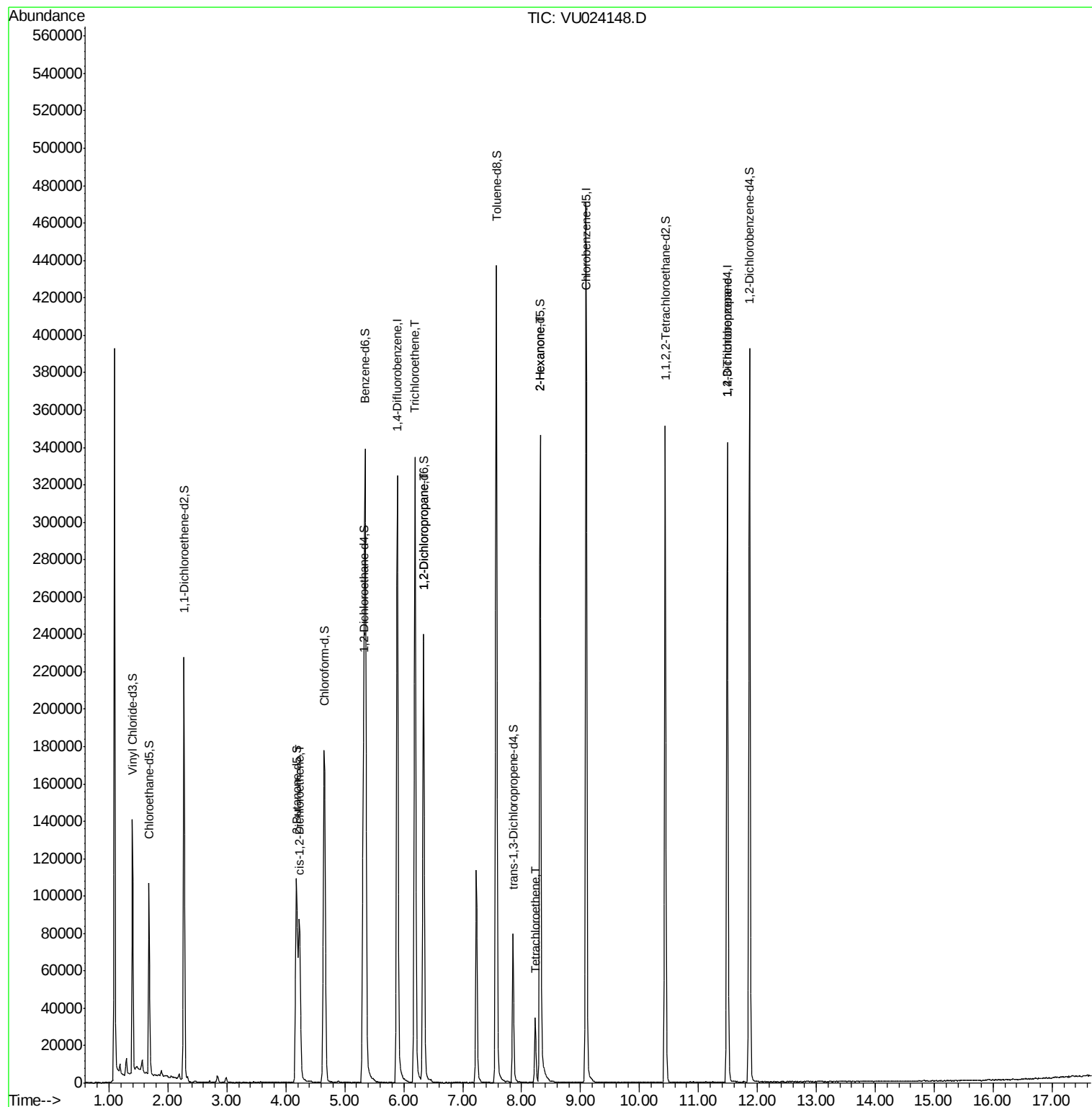
Target Compounds

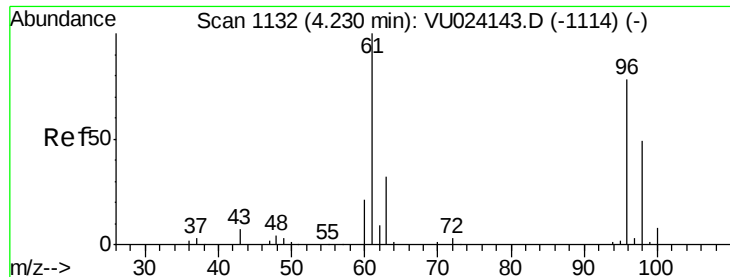
						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	45295	19.96	ug/L	96
34) Trichloroethene	6.19	95	119898	47.85	ug/L	99
37) 1,2-Dichloropropane	6.34	63	12667	5.06	ug/L #	89
46) Tetrachloroethene	8.23	164	8080	4.61	ug/L	98
48) 2-Hexanone	8.31	43	14205	5.31	ug/L #	66
59) 1,2,3-Trichloropropane	11.49	75	10841	3.46	ug/L #	89

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

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#20

cis-1,2-Dichloroethene

Concen: 19.96 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024148.D

Acq: 26 May 2018 16:15

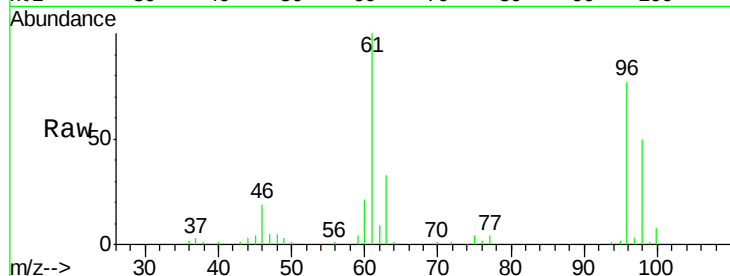
Tgt Ion: 96 Resp: 45295

Ion Ratio Lower Upper

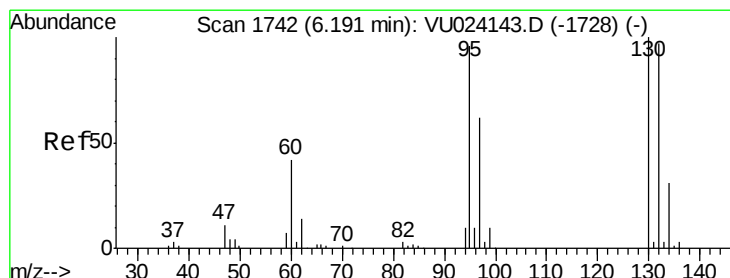
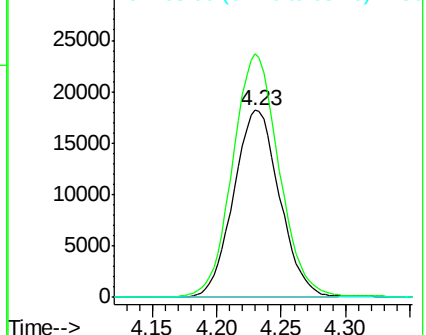
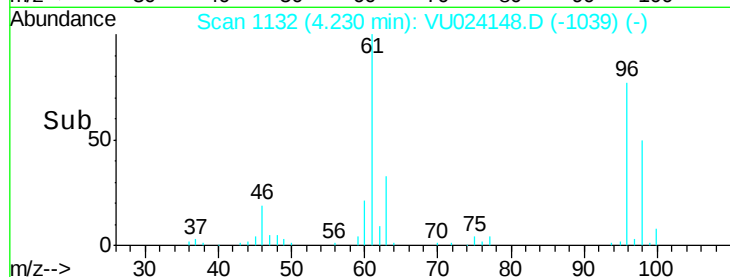
96 100

61 130.1 94.8 176.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU024148.D (-1039) (-)



#34

Trichloroethene

Concen: 47.85 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024148.D

Acq: 26 May 2018 16:15

Tgt Ion: 95 Resp: 119898

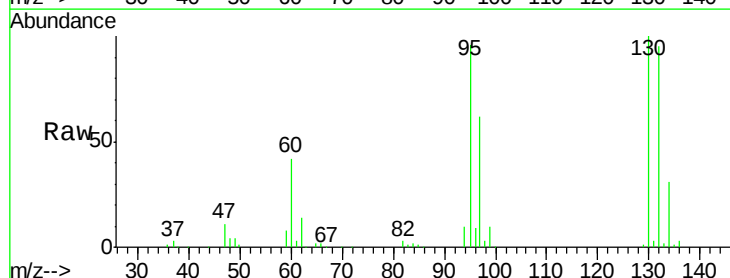
Ion Ratio Lower Upper

95 100

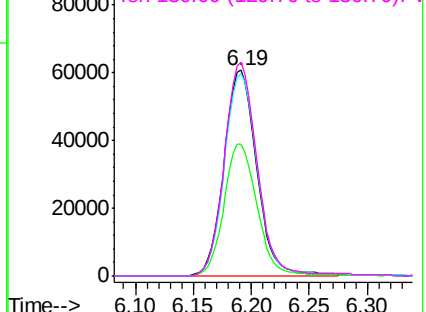
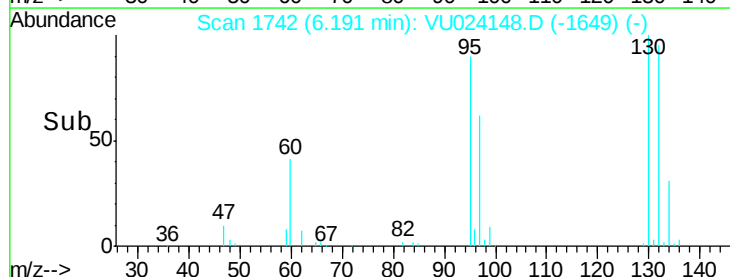
97 63.9 44.5 82.7

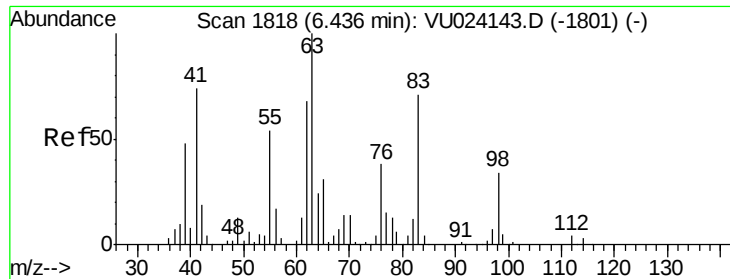
132 98.2 69.0 128.2

130 103.7 70.6 131.0



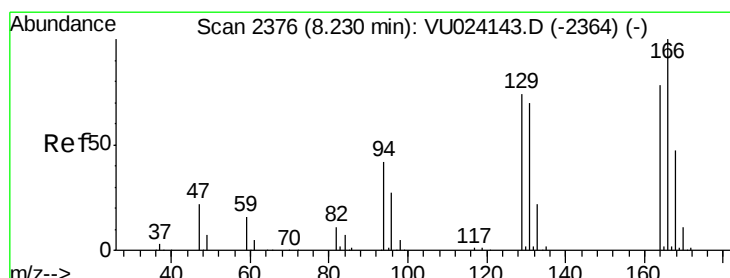
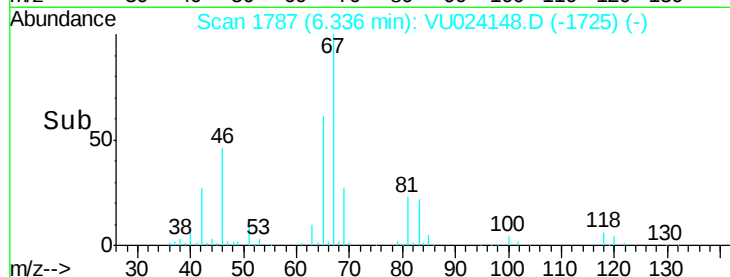
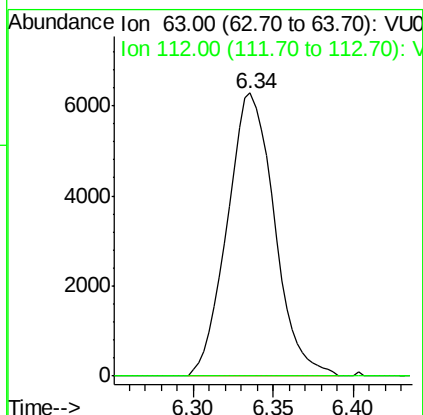
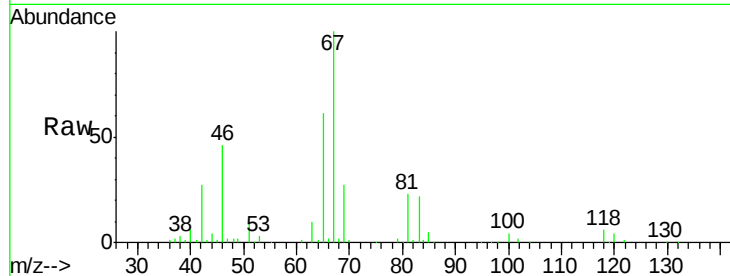
Abundance Ion 95.00 (94.70 to 95.70): VU024148.D (-1649) (-)





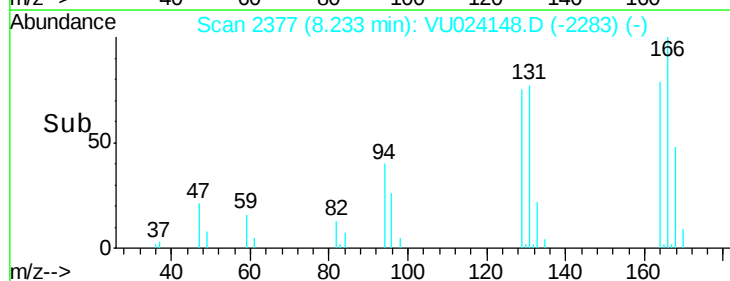
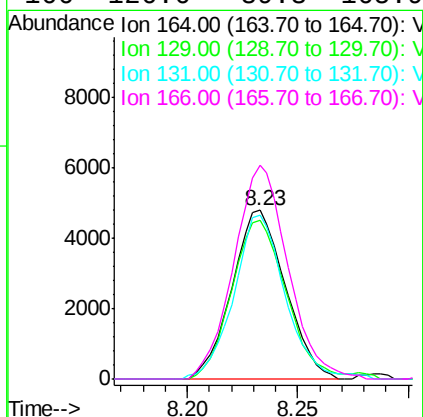
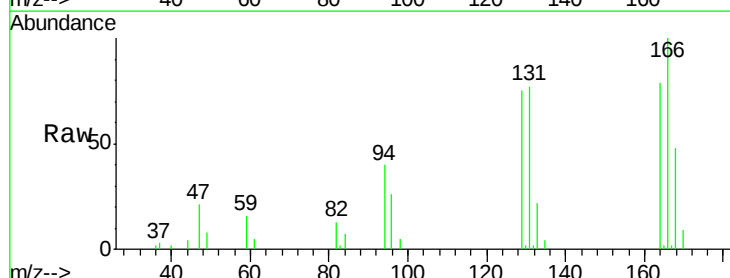
#37
 1,2-Dichloropropane
 Concen: 5.06 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU024148.D
 Acq: 26 May 2018 16:15

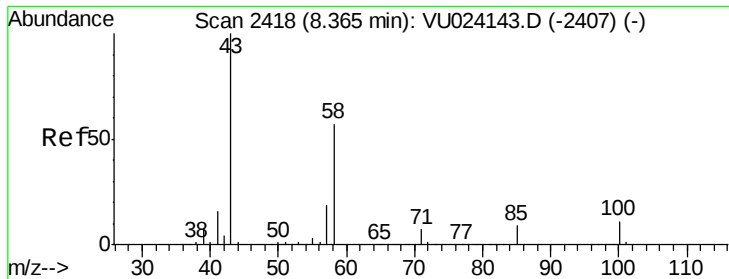
Tgt Ion: 63 Resp: 12667
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#46
 Tetrachloroethene
 Concen: 4.61 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU024148.D
 Acq: 26 May 2018 16:15

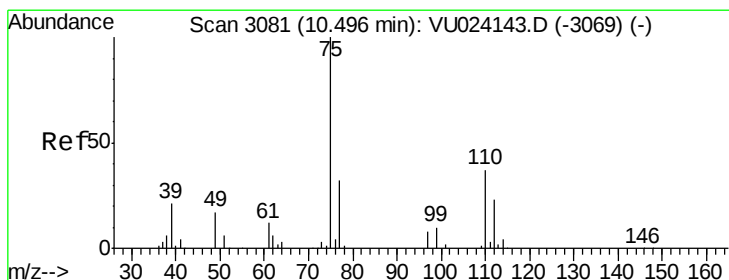
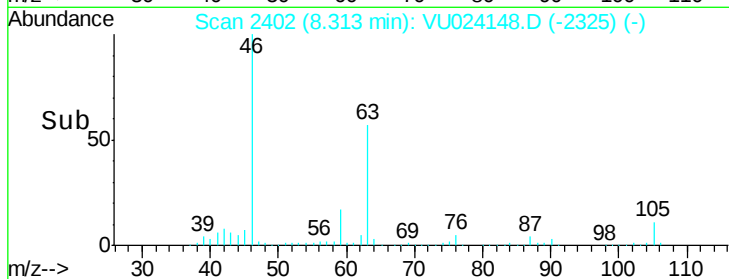
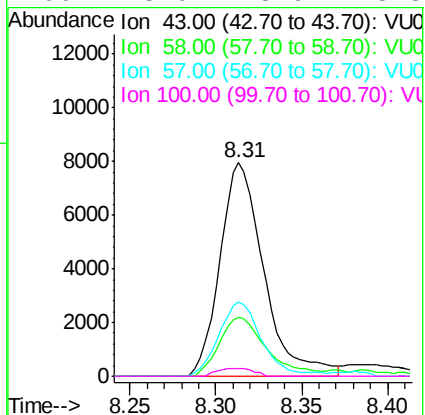
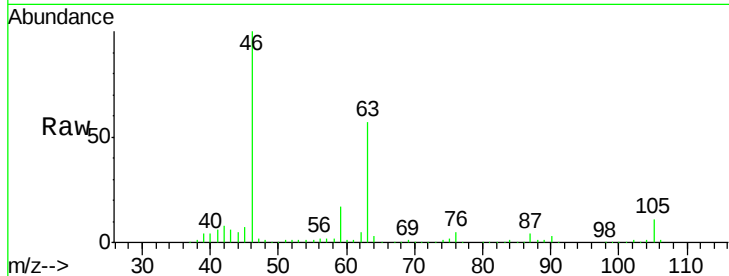
Tgt Ion: 164 Resp: 8080
 Ion Ratio Lower Upper
 164 100
 129 94.4 66.6 123.6
 131 97.2 64.5 119.9
 166 126.6 89.3 165.9





#48
 2-Hexanone
 Concen: 5.31 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU024148.D
 Acq: 26 May 2018 16:15

Tgt Ion:	43	Resp:	14205
Ion	Ratio	Lower	Upper
43	100		
58	29.3	44.6	67.0#
57	33.8	15.3	22.9#
100	3.0	8.9	13.3#



#59
 1,2,3-Trichloropropane
 Concen: 3.46 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU024148.D
 Acq: 26 May 2018 16:15

Tgt Ion:	75	Resp:	10841
Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.5	38.3#

