

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026477.D
 Acq On : 31 Aug 2018 03:24
 Operator : MD/SY
 Sample : J4694-16 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:46:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	158519	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148356	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38825	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.06%
7) Chloroethane-d5	1.68	69	36288	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.82%
11) 1,1-Dichloroethene-d2	2.27	63	57101	25.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.64%#
21) 2-Butanone-d5	4.18	46	65045	85.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.33%
24) Chloroform-d	4.65	84	74746	40.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.58%
26) 1,2-Dichloroethane-d4	5.31	65	52210	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.56%
32) Benzene-d6	5.34	84	150827	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
36) 1,2-Dichloropropane-d6	6.33	67	51723	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.06%
41) Toluene-d8	7.57	98	136104	41.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.46%
43) trans-1,3-Dichloropropene-	7.85	79	21275	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.32%
47) 2-Hexanone-d5	8.31	63	46842	86.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72794	42.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	54580	47.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.28%

Target Compounds

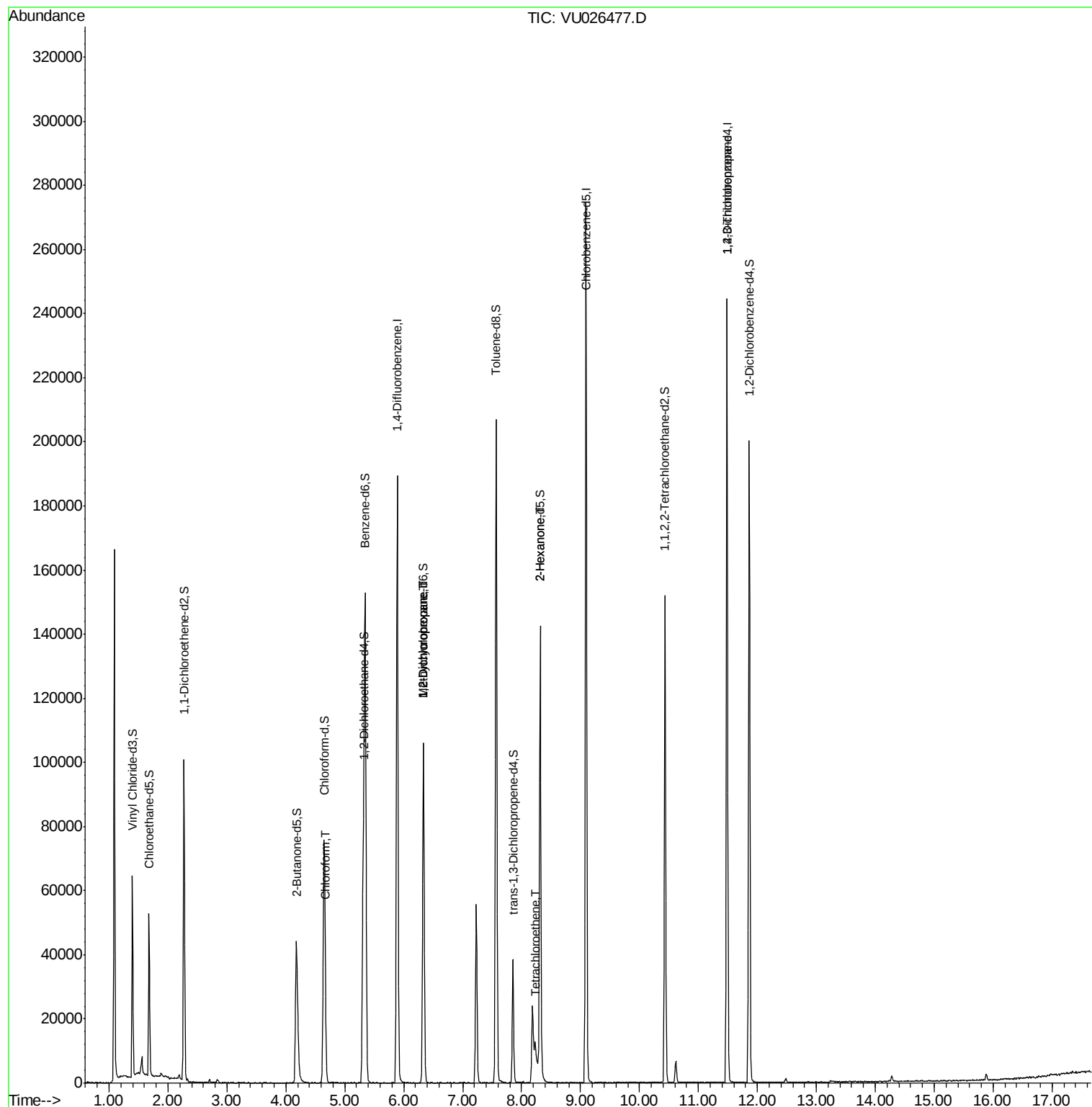
					Ovalue
25) Chloroform	4.68	83	2676	1.303	ug/L 99
35) Methylcyclohexane	6.33	83	11765	7.063	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5300	4.501	ug/L # 88
46) Tetrachloroethene	8.23	164	1294	1.484	ug/L 92
48) 2-Hexanone	8.31	43	5925	4.738	ug/L # 63
59) 1,2,3-Trichloropropane	11.48	75	7475	5.088	ug/L 89

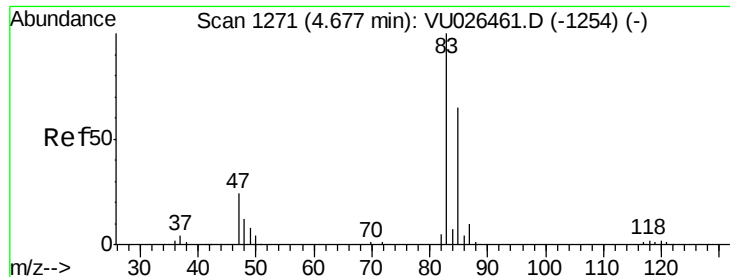
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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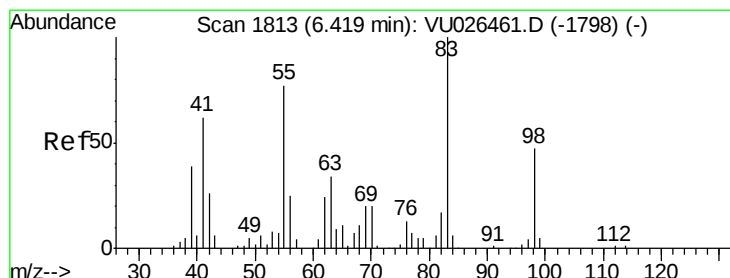
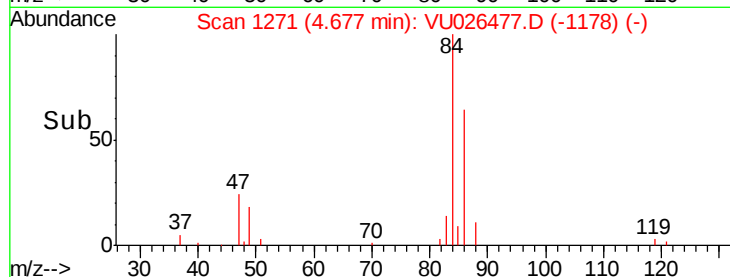
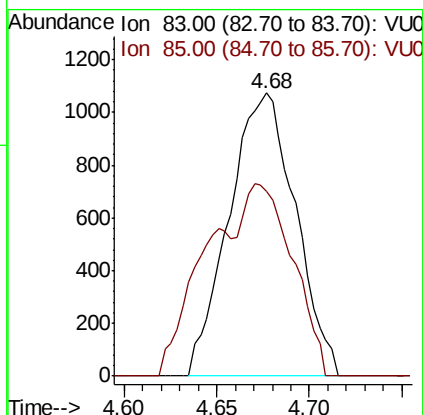
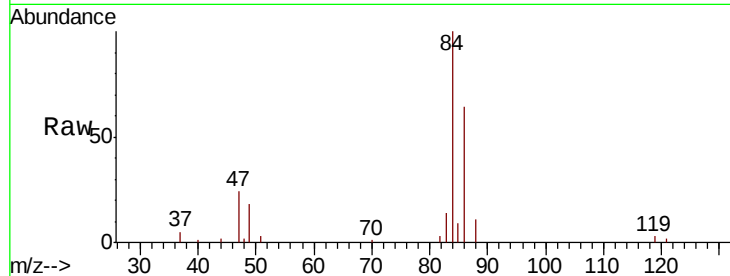




#25
Chloroform
Concen: 1.303 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026477.D
Acq: 31 Aug 2018 03:24

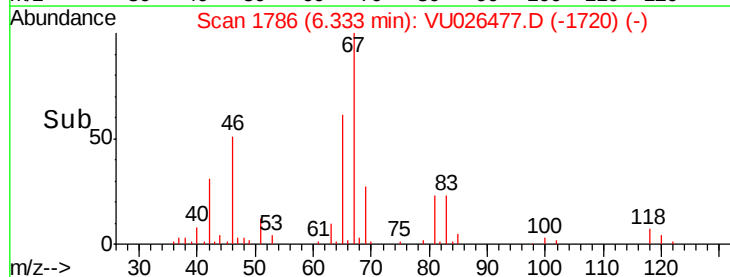
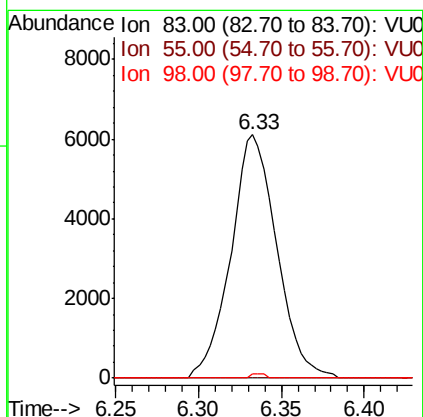
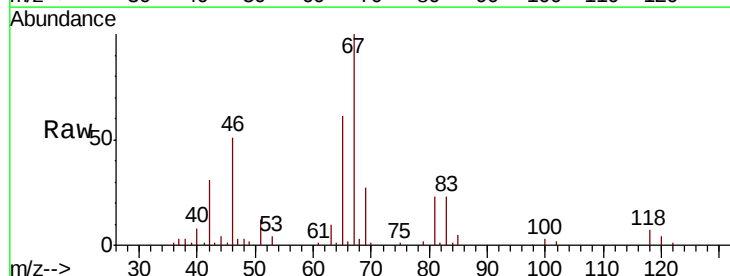
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MSVOA_U
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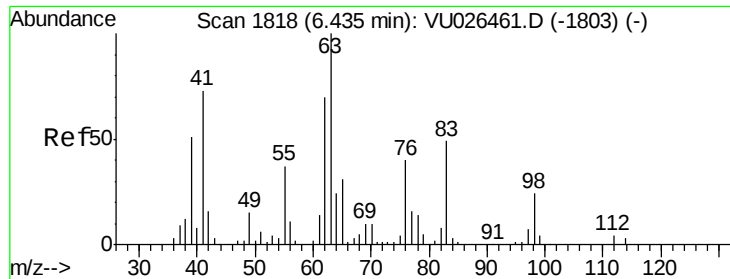
Tot Ion: 83 Resp: 2676
Ion Ratio Lower Upper
83 100
85 65.5 46.5 86.5



#35
Methylcyclohexane
Concen: 7.063 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026477.D
Acq: 31 Aug 2018 03:24

Tgt Ion: 83 Resp: 11765
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.6 36.7 55.1#

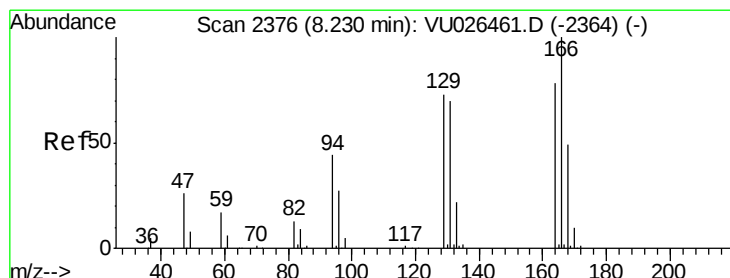
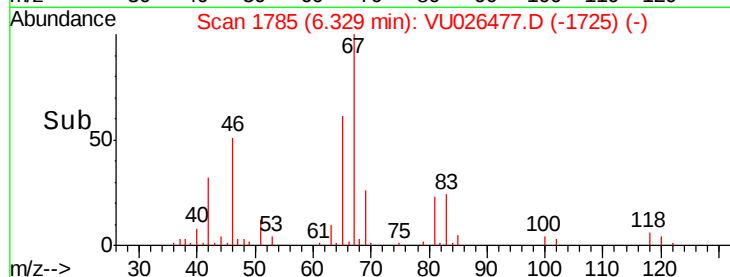
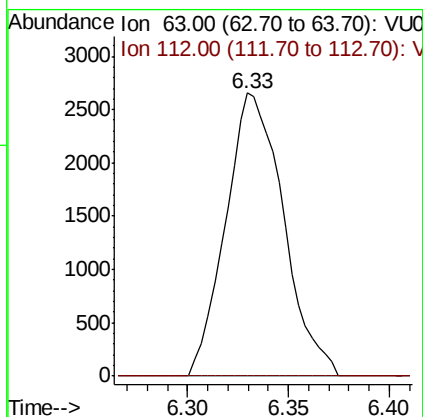
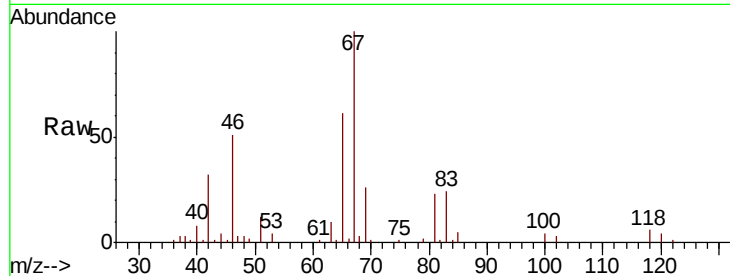




#37
 1,2-Dichloropropane
 Concen: 4.501 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.11 min
 Lab File: VU026477.D
 Acq: 31 Aug 2018 03:24

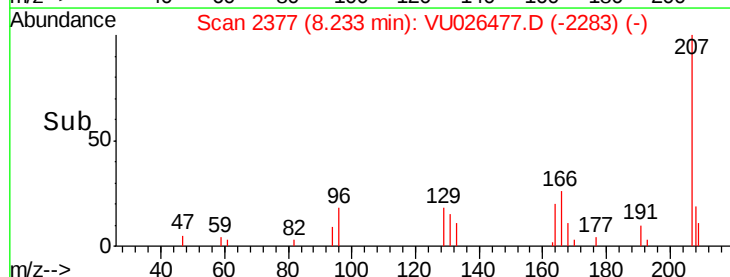
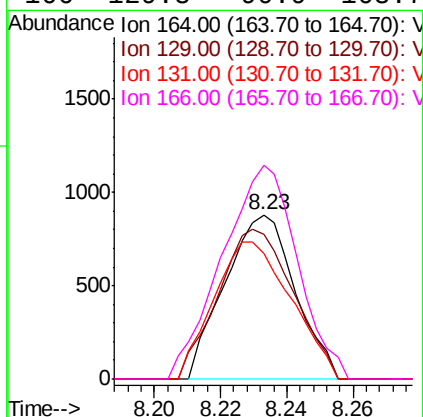
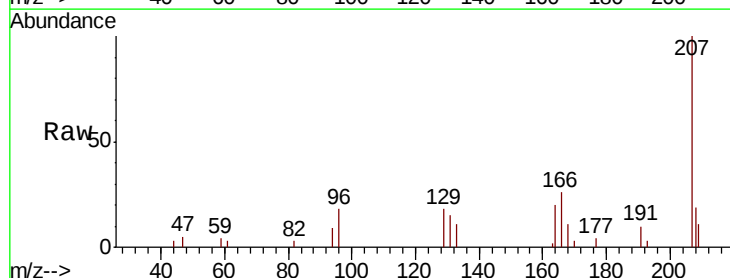
Instrument :
 MSVOA_U
 ClientSampleId :

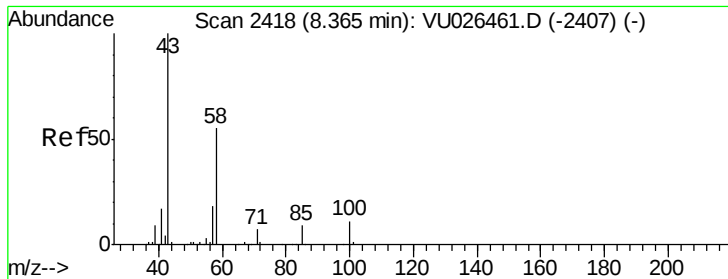
Tot Ion: 63 Resp: 5300
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 1.484 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU026477.D
 Acq: 31 Aug 2018 03:24

Tgt Ion:164 Resp: 1294
 Ion Ratio Lower Upper
 164 100
 129 87.9 67.3 125.1
 131 76.1 65.3 121.3
 166 129.8 90.9 168.7

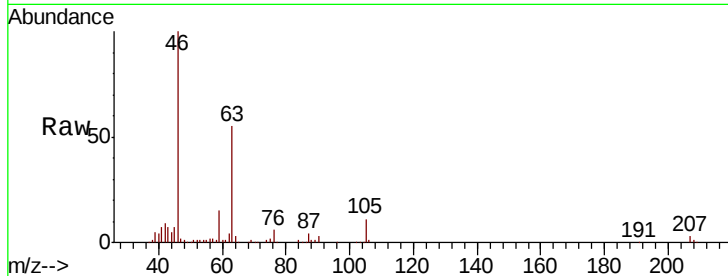




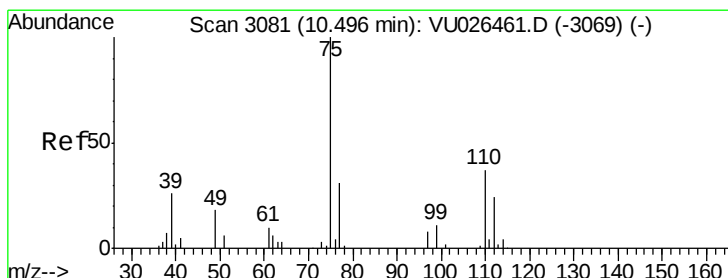
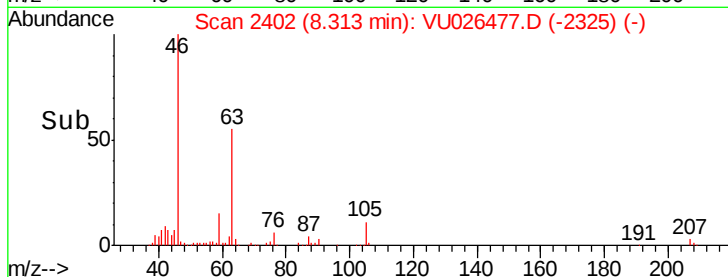
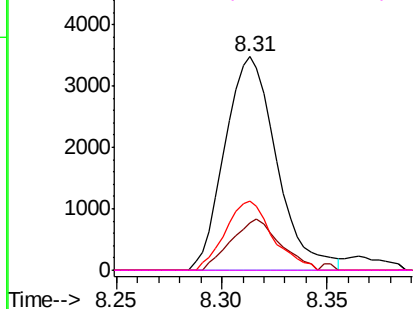
#48
2-Hexanone
Concen: 4.738 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026477.D
Acq: 31 Aug 2018 03:24

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5925
Ion Ratio Lower Upper
43 100
58 22.7 42.2 63.4#
57 29.6 14.6 21.8#
100 0.0 8.3 12.5#

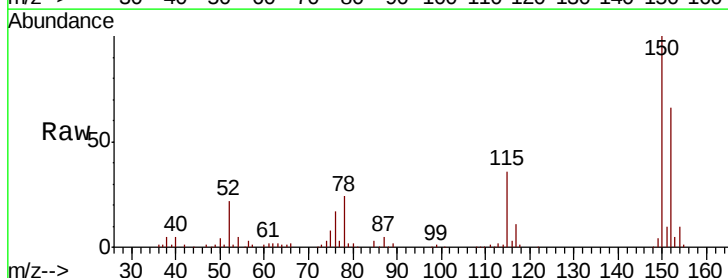


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#59
1,2,3-Trichloropropane
Concen: 5.088 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU026477.D
Acq: 31 Aug 2018 03:24

Tgt Ion: 75 Resp: 7475
Ion Ratio Lower Upper
75 100
77 37.5 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

