

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026476.D
 Acq On : 31 Aug 2018 03:00
 Operator : MD/SY
 Sample : J4694-15 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:45:59 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	154408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39545	41.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.68%
7) Chloroethane-d5	1.68	69	35883	41.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.06%
11) 1,1-Dichloroethene-d2	2.27	63	58395	27.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.20%#
21) 2-Butanone-d5	4.18	46	64539	86.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.92%
24) Chloroform-d	4.65	84	72338	40.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.06%
26) 1,2-Dichloroethane-d4	5.31	65	51507	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
32) Benzene-d6	5.34	84	149734	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
36) 1,2-Dichloropropane-d6	6.33	67	51378	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.58%
41) Toluene-d8	7.57	98	135376	41.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.06%
43) trans-1,3-Dichloropropene-	7.85	79	21233	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
47) 2-Hexanone-d5	8.31	63	46741	87.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70948	41.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	54006	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

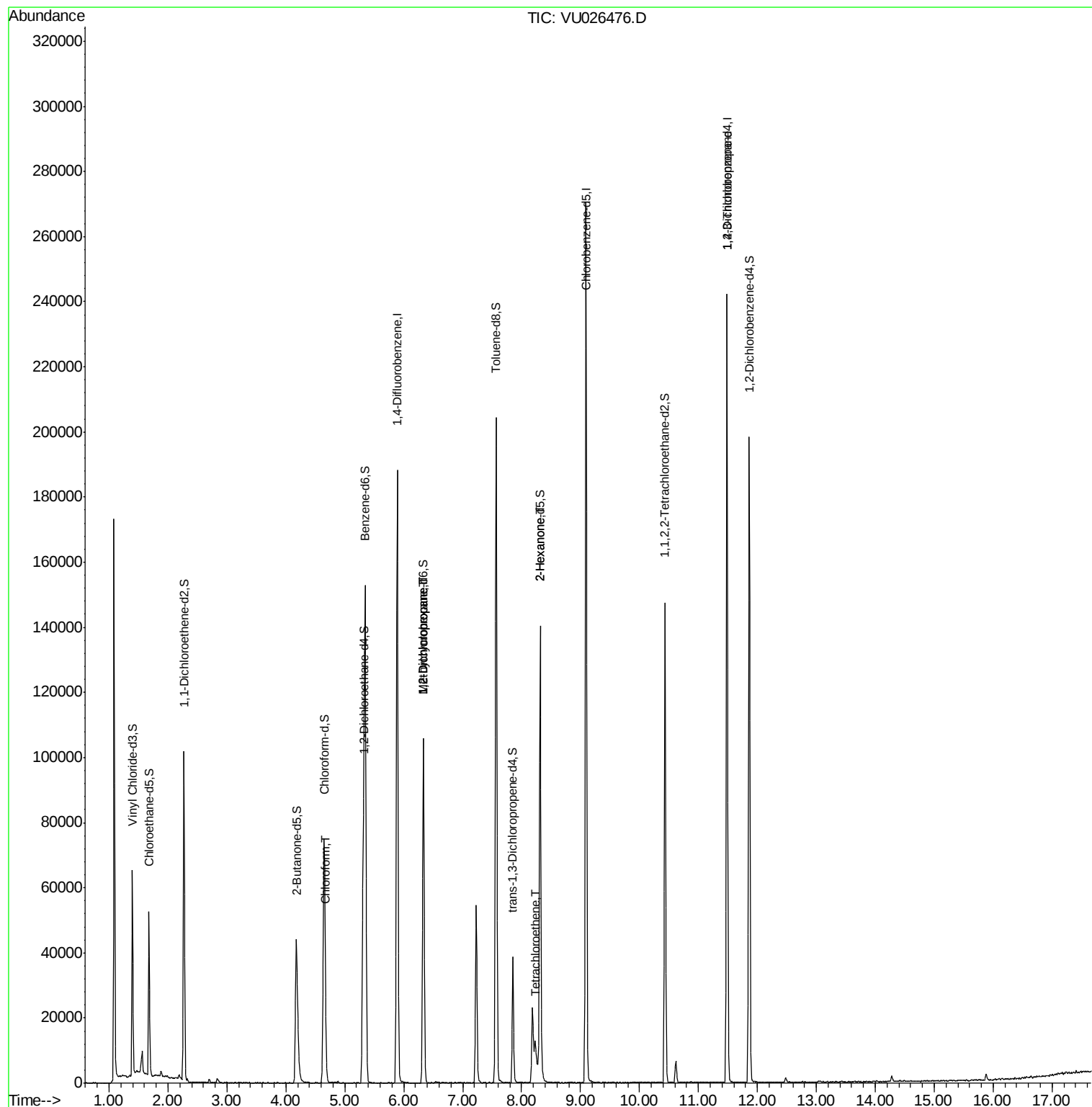
					Ovalue
25) Chloroform	4.68	83	3649	1.824	ug/L 82
35) Methylcyclohexane	6.33	83	11462	6.968	ug/L # 17
37) 1,2-Dichloropropane	6.33	63	5486	4.718	ug/L # 88
46) Tetrachloroethene	8.23	164	1421	1.650	ug/L 95
48) 2-Hexanone	8.31	43	5857	4.742	ug/L # 64
59) 1,2,3-Trichloropropane	11.48	75	7245	4.994	ug/L # 89

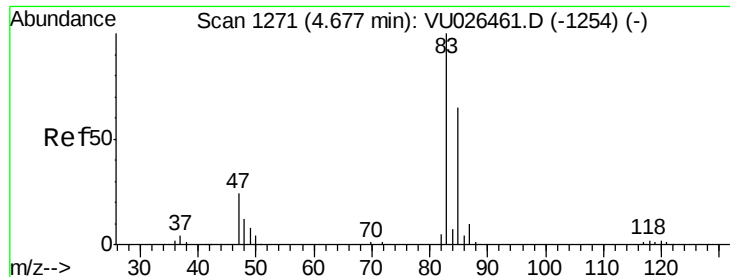
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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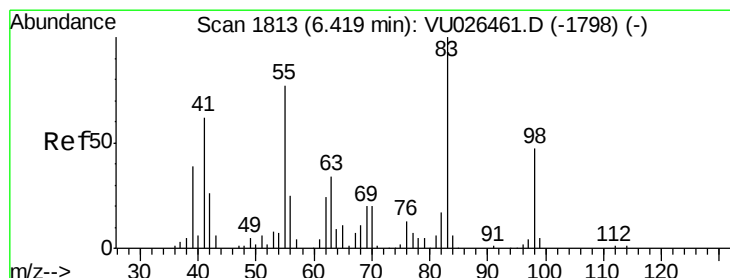
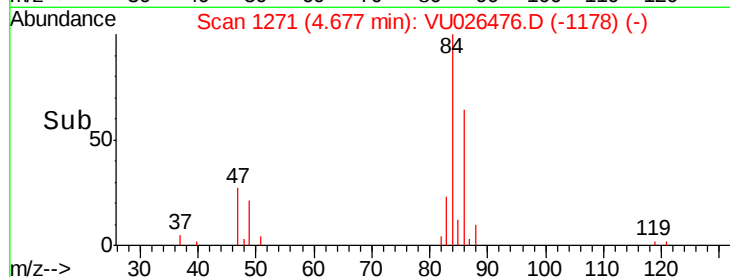
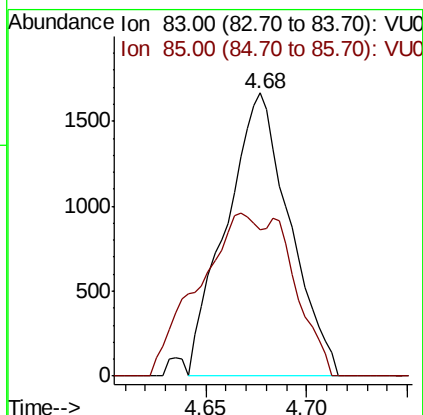
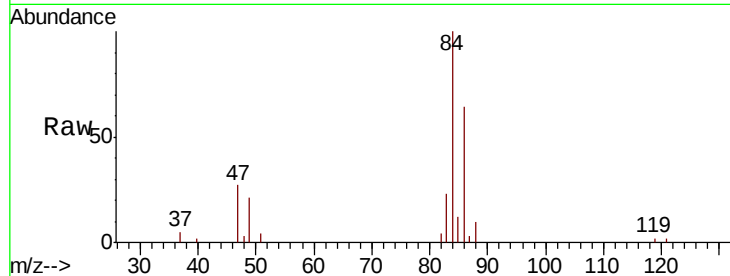




#25
Chloroform
Concen: 1.824 ug/L
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU026476.D
Acq: 31 Aug 2018 03:00

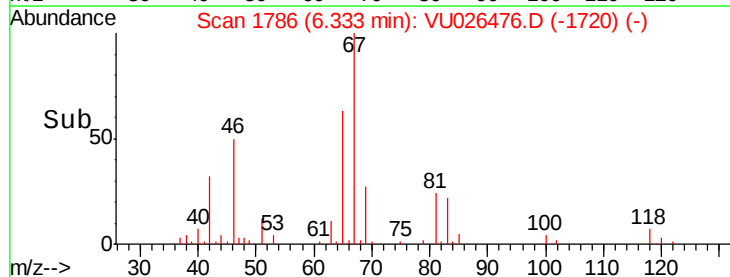
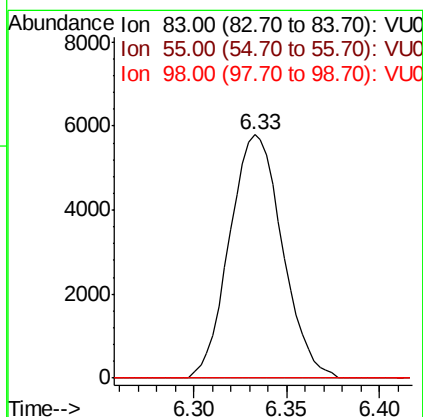
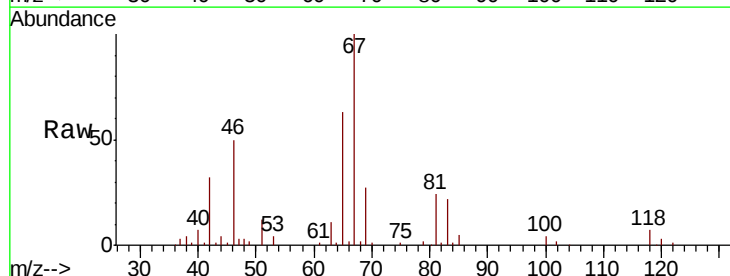
Instrument :
MSVOA_U
ClientSampleId :

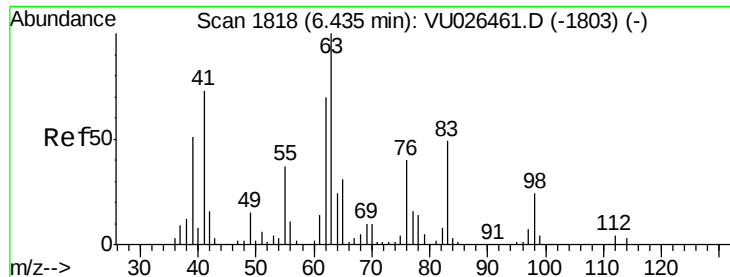
Tot Ion: 83 Resp: 3649
Ion Ratio Lower Upper
83 100
85 51.7 46.5 86.5



#35
Methylcyclohexane
Concen: 6.968 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026476.D
Acq: 31 Aug 2018 03:00

Tgt Ion: 83 Resp: 11462
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

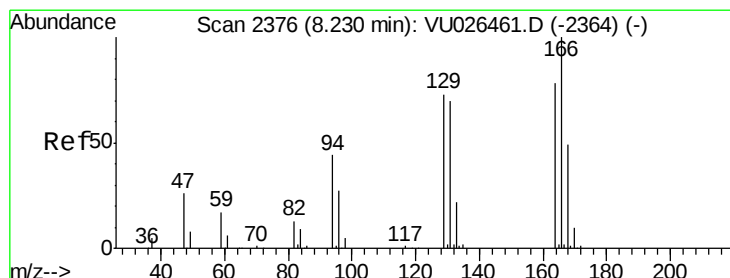
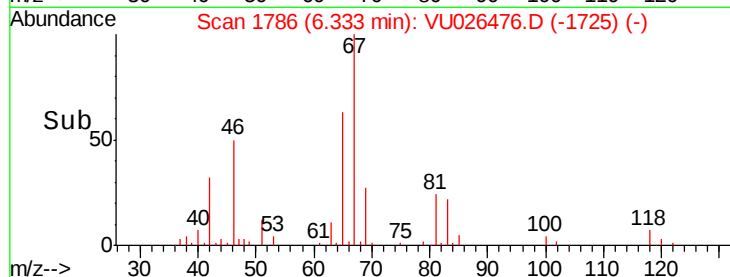
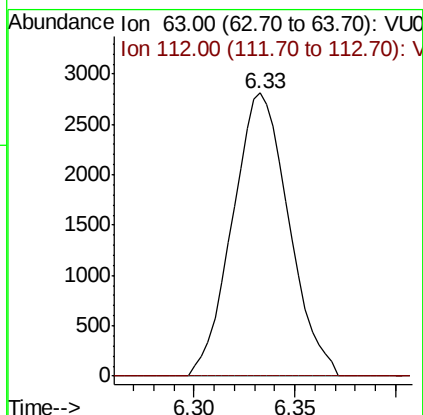
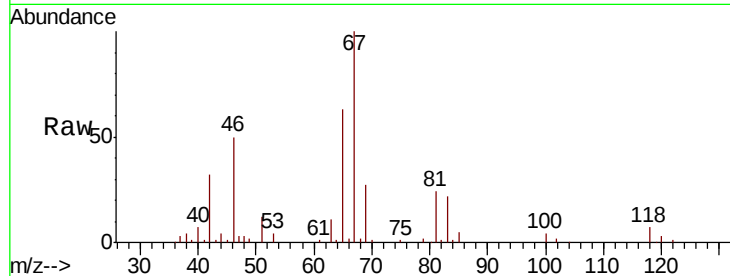




#37
 1,2-Dichloropropane
 Concen: 4.718 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026476.D
 Acq: 31 Aug 2018 03:00

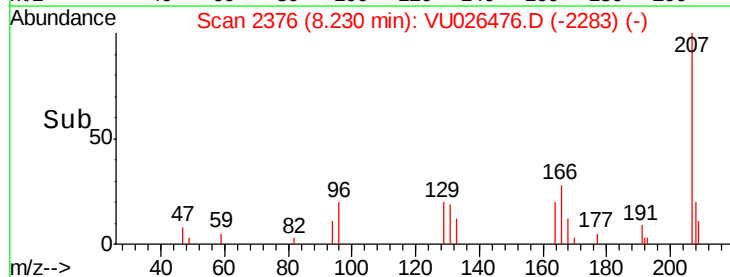
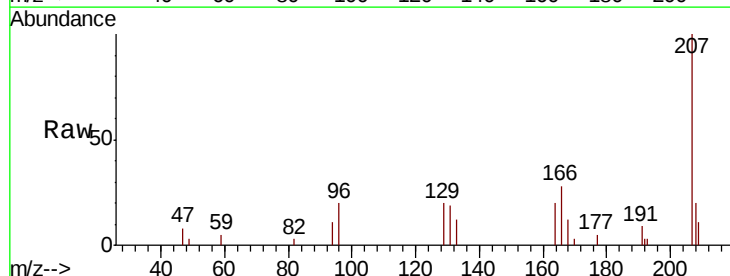
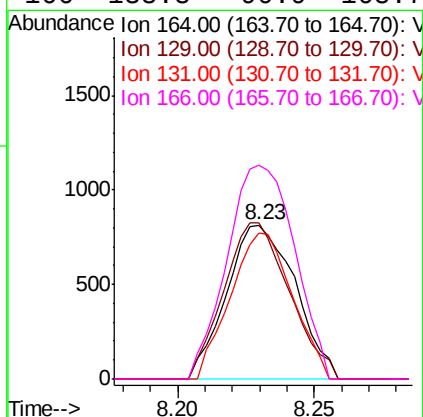
Instrument :
 MSVOA_U
 ClientSampled :

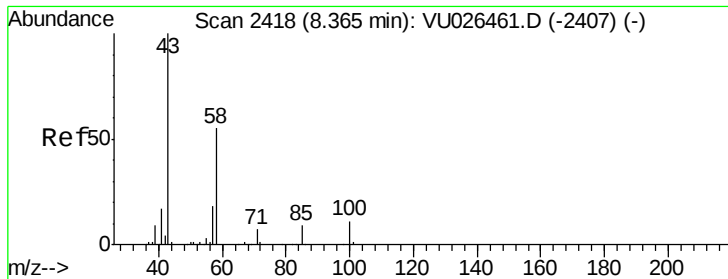
Tot Ion: 63 Resp: 5486
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 1.650 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026476.D
 Acq: 31 Aug 2018 03:00

Tgt Ion:164 Resp: 1421
 Ion Ratio Lower Upper
 164 100
 129 101.2 67.3 125.1
 131 94.6 65.3 121.3
 166 138.8 90.9 168.7

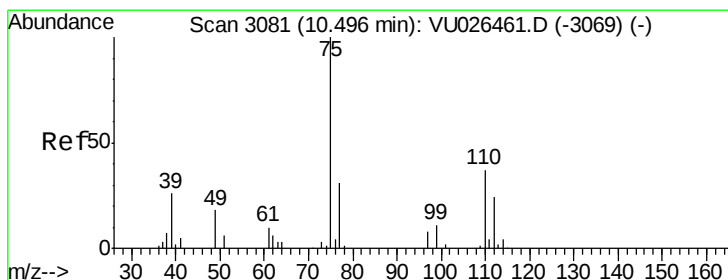
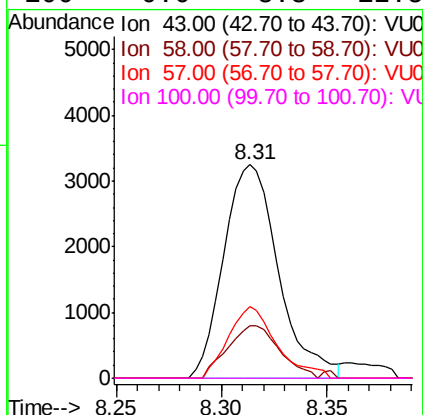
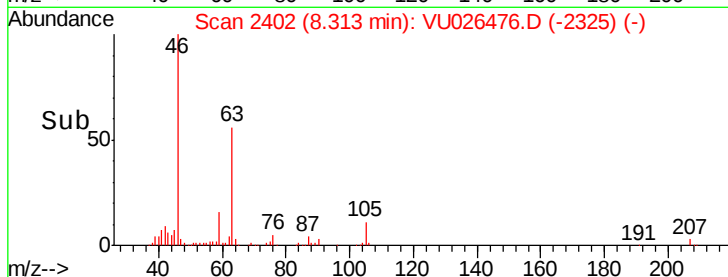
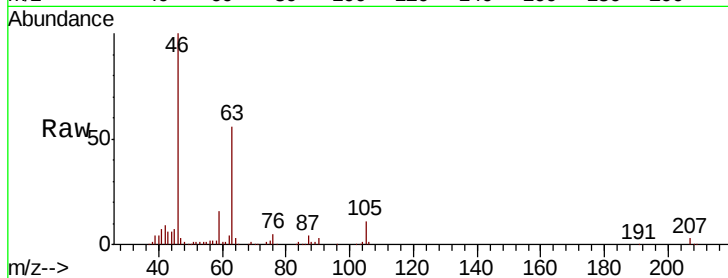




#48
2-Hexanone
Concen: 4.742 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026476.D
Acq: 31 Aug 2018 03:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5857
Ion Ratio Lower Upper
43 100
58 23.3 42.2 63.4#
57 29.3 14.6 21.8#
100 0.0 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 4.994 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU026476.D
Acq: 31 Aug 2018 03:00

Tgt Ion: 75 Resp: 7245
Ion Ratio Lower Upper
75 100
77 37.6 25.0 37.6#

