

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026475.D
 Acq On : 31 Aug 2018 02:37
 Operator : MD/SY
 Sample : J4694-14 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:45:53 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	151180	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39129	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.54%
7) Chloroethane-d5	1.68	69	36569	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.46%
11) 1,1-Dichloroethene-d2	2.27	63	53994	25.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.20%#
21) 2-Butanone-d5	4.18	46	64133	88.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.22%
24) Chloroform-d	4.65	84	74106	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.78%
26) 1,2-Dichloroethane-d4	5.31	65	51357	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
32) Benzene-d6	5.34	84	148769	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
36) 1,2-Dichloropropane-d6	6.33	67	51196	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.26%
41) Toluene-d8	7.57	98	134524	42.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.85	79	21757	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
47) 2-Hexanone-d5	8.31	63	46693	89.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71243	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	52987	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds

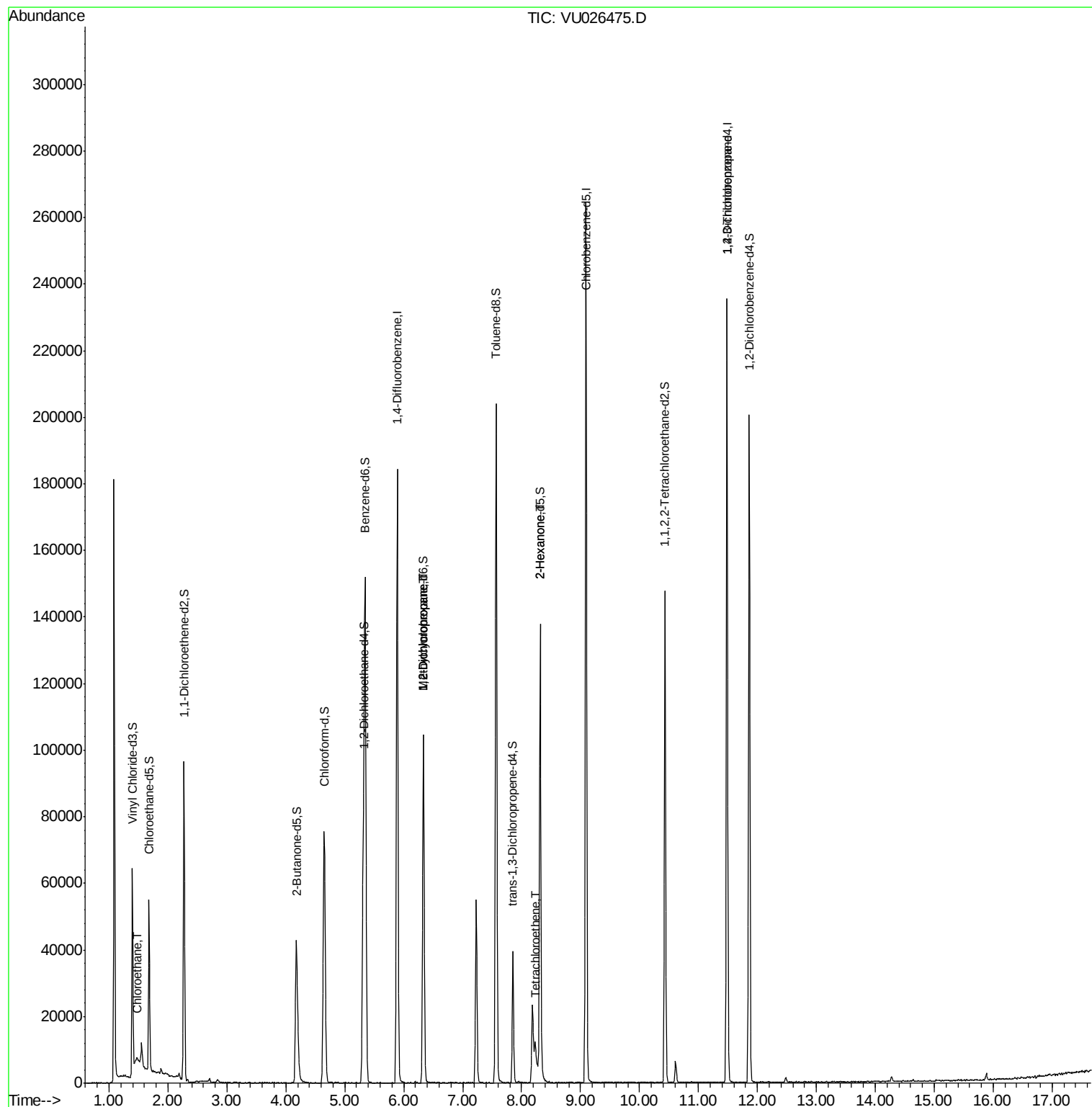
					Ovalue
8) Chloroethane	1.47	64	13825	14.592	ug/L # 51
35) Methylcyclohexane	6.33	83	11442	7.112	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5313	4.672	ug/L # 88
46) Tetrachloroethene	8.23	164	1648	1.956	ug/L 90
48) 2-Hexanone	8.31	43	5446	4.509	ug/L # 55
59) 1,2,3-Trichloropropane	11.48	75	7280	5.130	ug/L 90

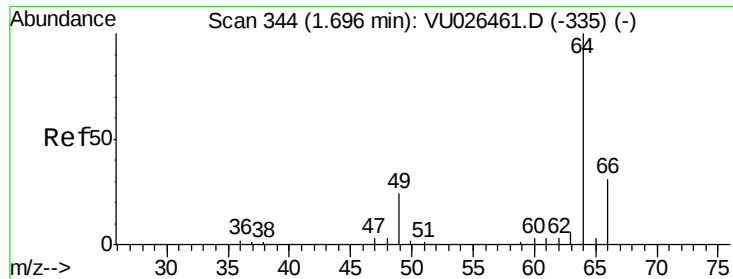
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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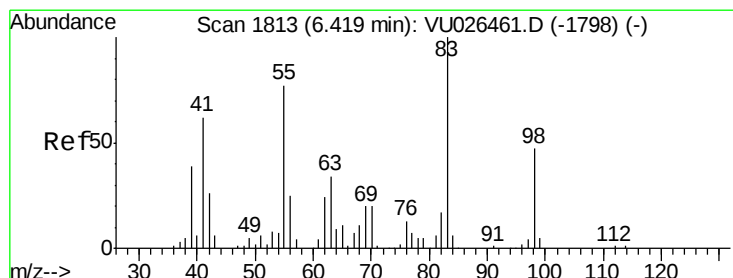
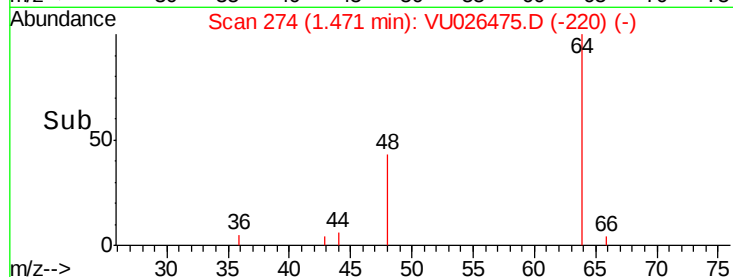
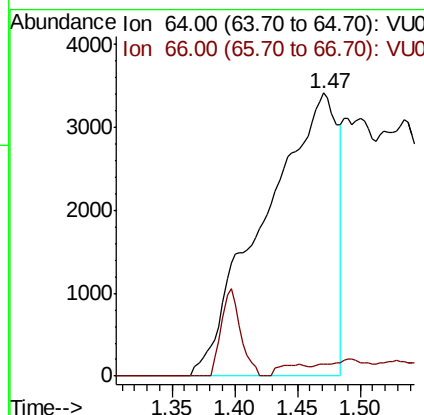
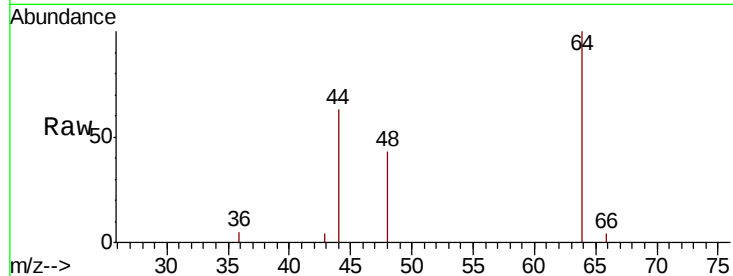




#8
 Chloroethane
 Concen: 14.592 ug/L
 RT: 1.47 min Scan# 274
 Delta R.T. -0.23 min
 Lab File: VU026475.D
 Acq: 31 Aug 2018 02:37

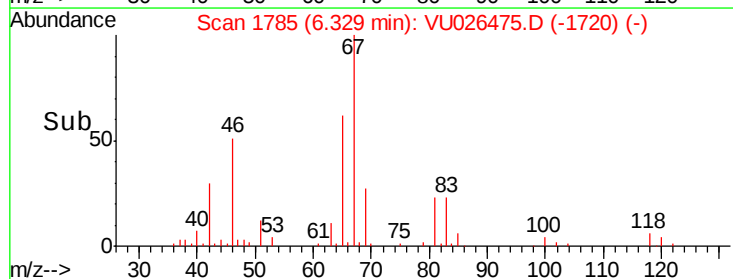
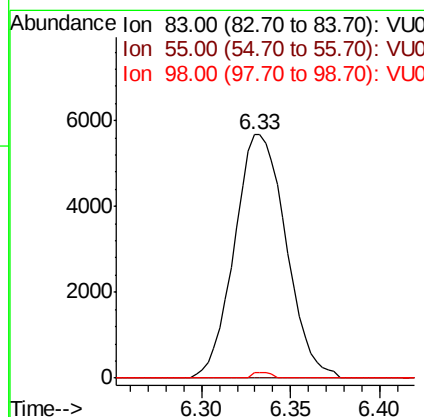
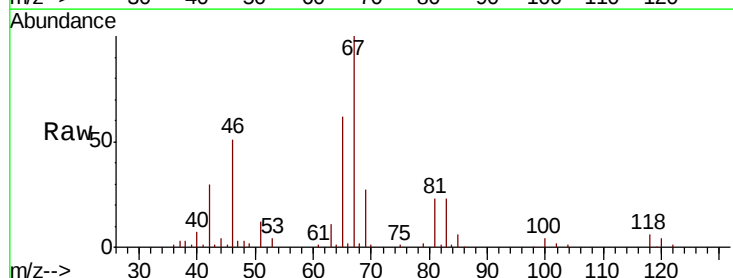
Instrument :
 MSVOA_U
 ClientSampleId :

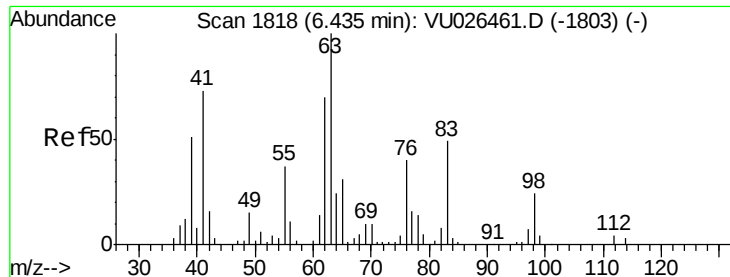
Tot Ion: 64 Resp: 13825
 Ion Ratio Lower Upper
 64 100
 66 4.4 22.2 41.2#



#35
 Methylcyclohexane
 Concen: 7.112 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.09 min
 Lab File: VU026475.D
 Acq: 31 Aug 2018 02:37

Tgt Ion: 83 Resp: 11442
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.3 94.9#
 98 0.8 36.7 55.1#

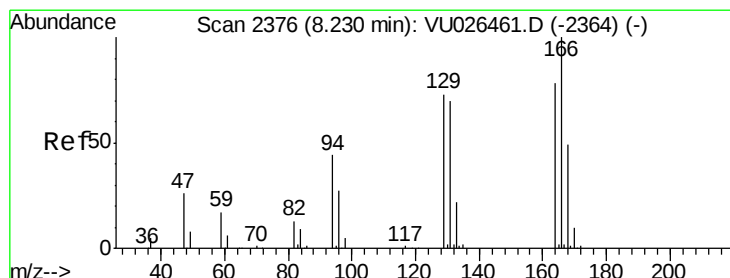
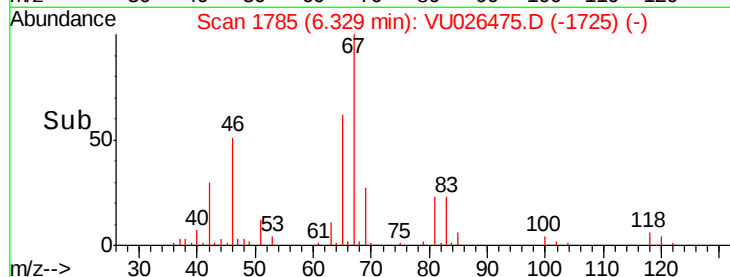
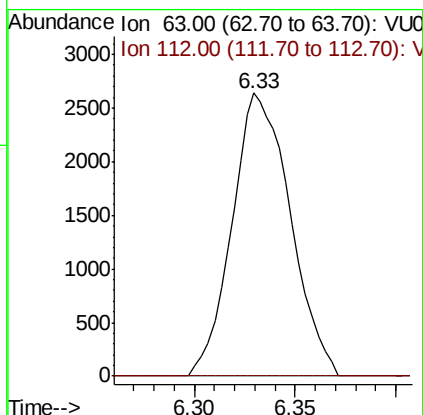
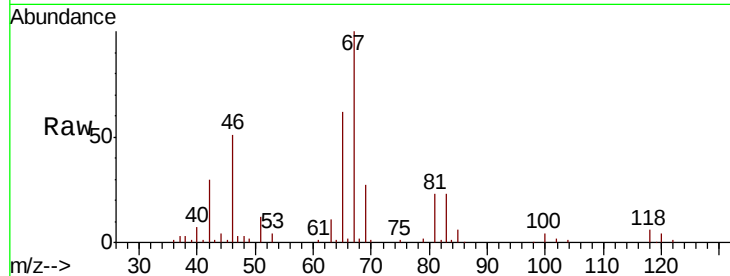




#37
 1,2-Dichloropropane
 Concen: 4.672 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.11 min
 Lab File: VU026475.D
 Acq: 31 Aug 2018 02:37

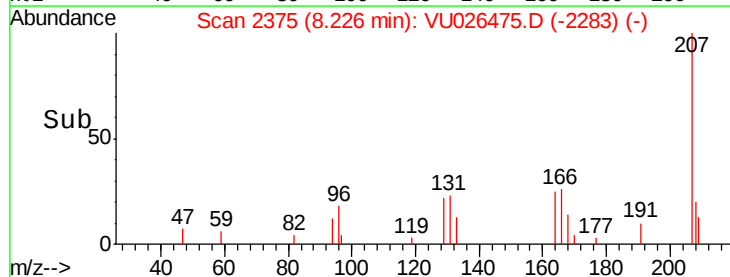
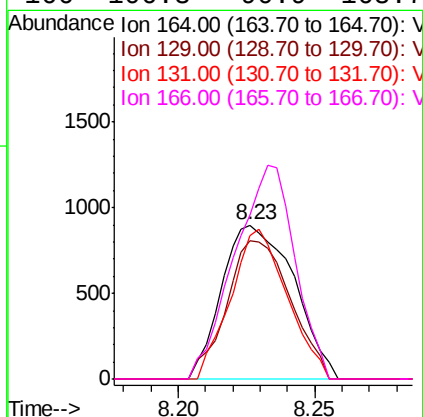
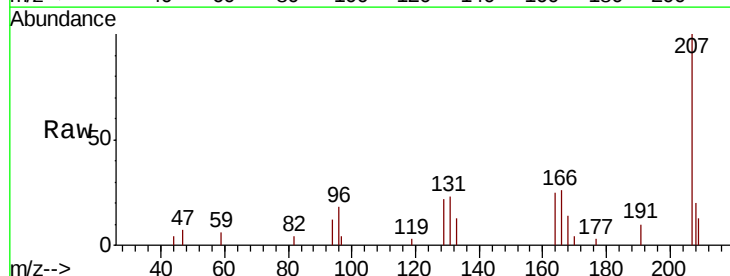
Instrument :
 MSVOA_U
 ClientSampleId :

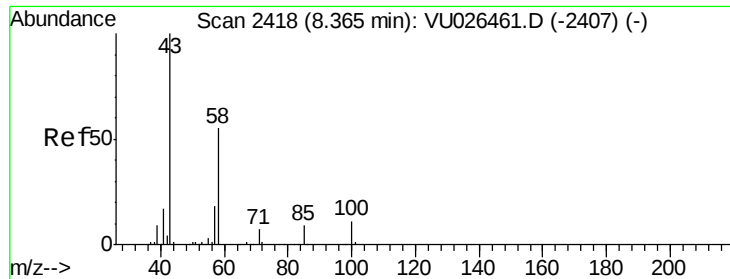
Tot Ion: 63 Resp: 5313
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 1.956 ug/L
 RT: 8.23 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: VU026475.D
 Acq: 31 Aug 2018 02:37

Tgt Ion:164 Resp: 1648
 Ion Ratio Lower Upper
 164 100
 129 89.8 67.3 125.1
 131 93.1 65.3 121.3
 166 106.3 90.9 168.7

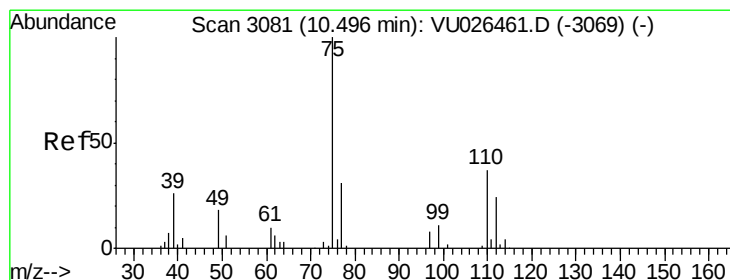
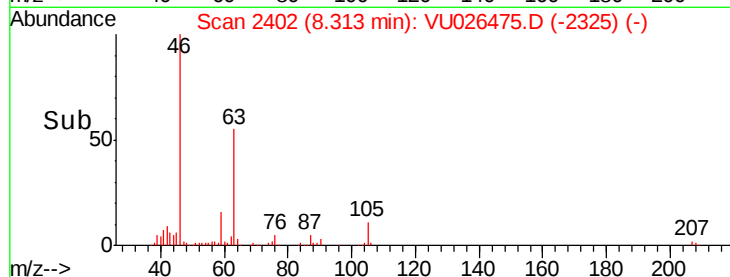
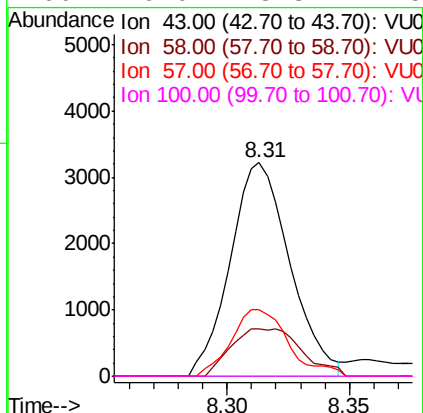
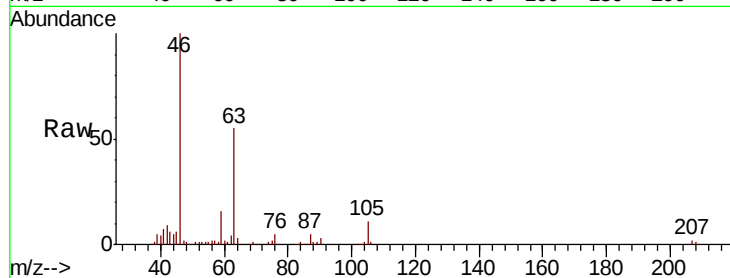




#48
 2-Hexanone
 Concen: 4.509 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026475.D
 Acq: 31 Aug 2018 02:37

Instrument :
 MSVOA_U
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Tot Ion: 43 Resp: 5446
 Ion Ratio Lower Upper
 43 100
 58 14.4 42.2 63.4#
 57 29.8 14.6 21.8#
 100 0.0 8.3 12.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.130 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026475.D
 Acq: 31 Aug 2018 02:37

Tgt Ion: 75 Resp: 7280
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.0 37.6

