

Data File : VU032731.D
Acq On : 14 Jun 2019 18:53
Operator : JC/SP
Sample : K3364-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 14 23:53:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	108720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	102711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29065	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.68	69	25275	4.18	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.27	63	47923	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.18	46	98085	49.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.44%
24) Chloroform-d	4.64	84	63445	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	35325	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.33	84	121513	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.32	67	39849	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.56	98	109277	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	15752	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.31	63	78147	46.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33547	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	45985	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

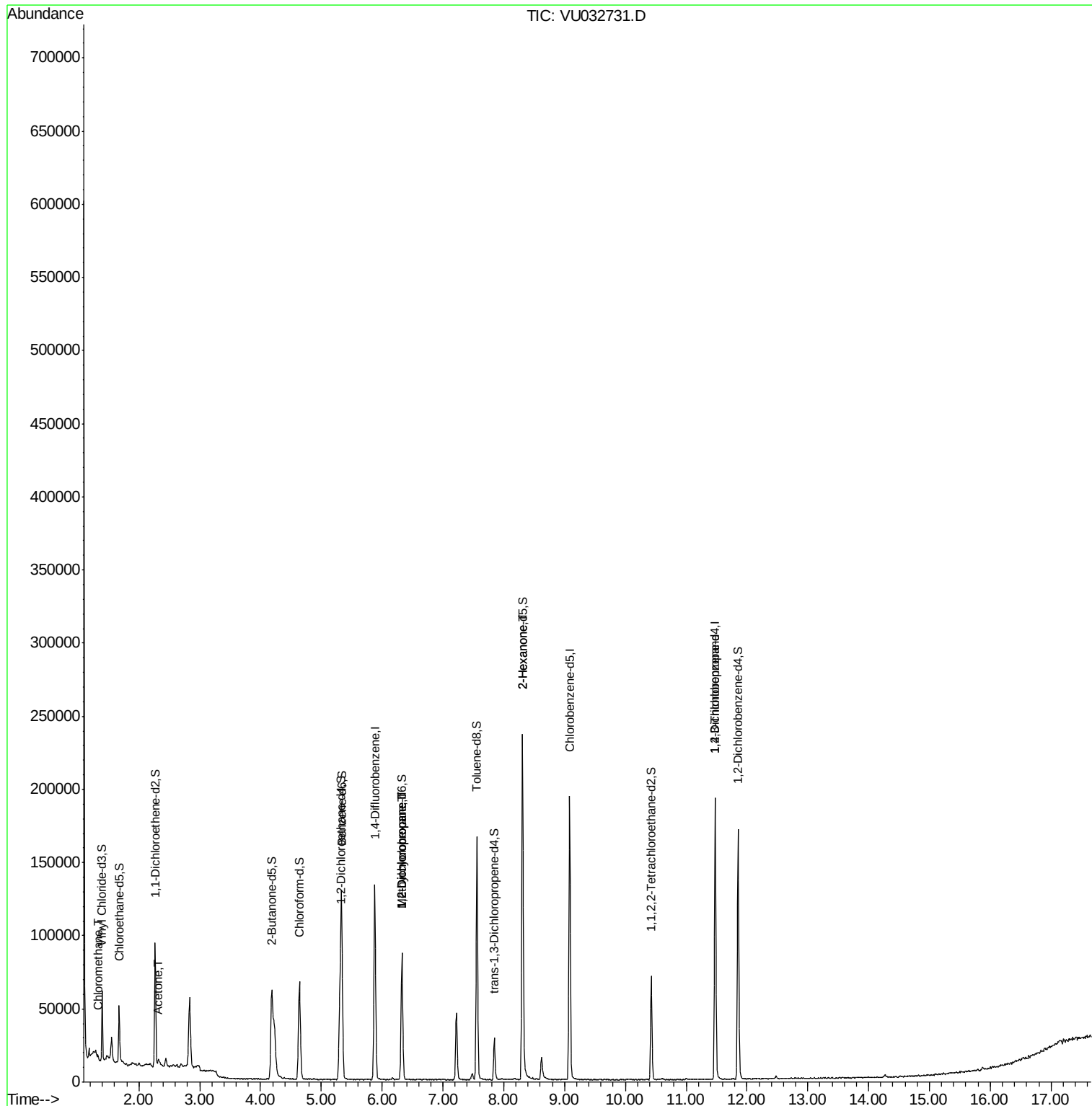
						Qvalue
3) Chloromethane	1.33	50	1988	0.205	ug/L	97
13) Acetone	2.32	43	2616	1.709	ug/L	93
35) Methylcyclohexane	6.32	83	9407	0.671	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4608	0.588	ug/L #	89
48) 2-Hexanone	8.31	43	10476	2.629	ug/L #	69
59) 1,2,3-Trichloropropane	11.48	75	6229	1.211	ug/L #	85

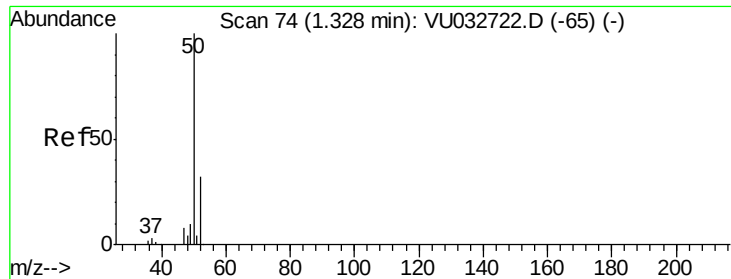
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.205 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

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Acq: 14 Jun 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

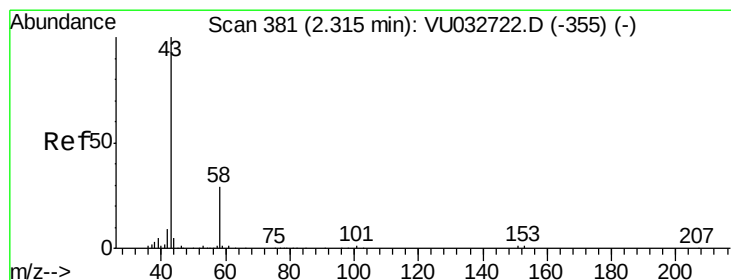
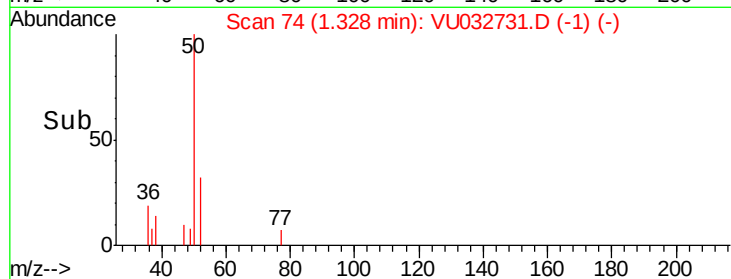
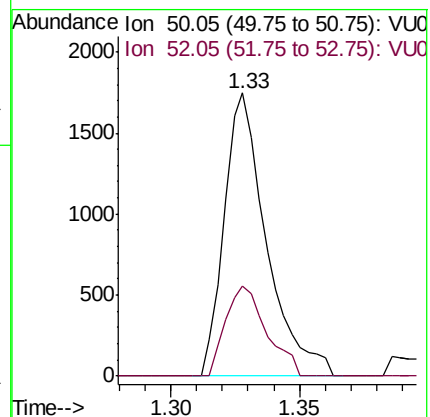
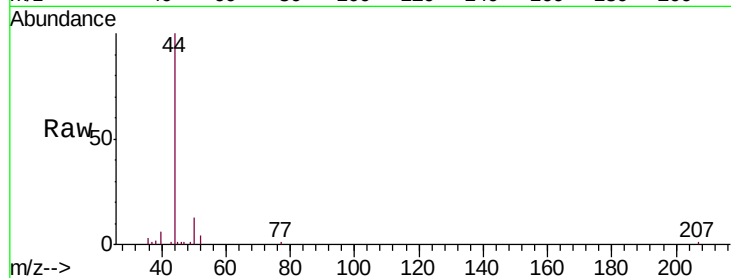
VHBLK01

Tgt Ion: 50 Resp: 1988

Ion Ratio Lower Upper

50 100

52 31.7 23.2 43.2



#13

Acetone

Concen: 1.709 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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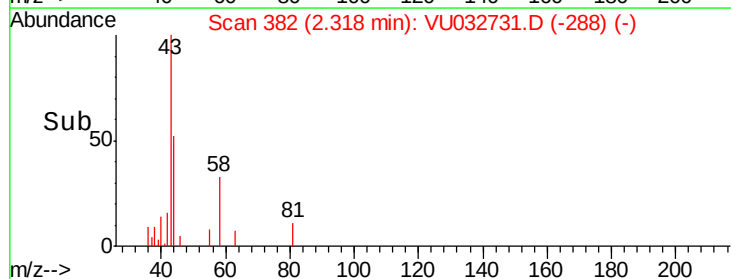
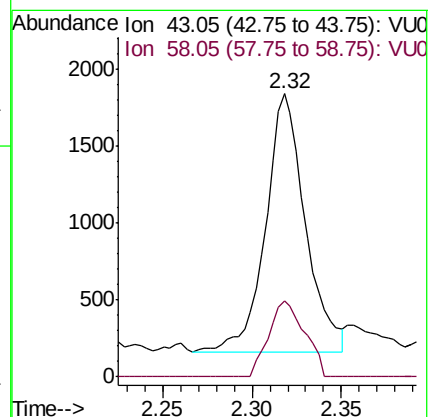
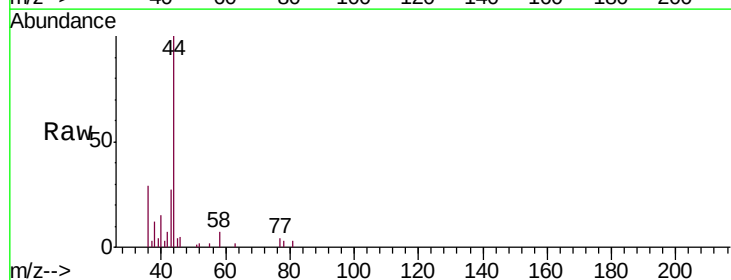
Acq: 14 Jun 2019 18:53

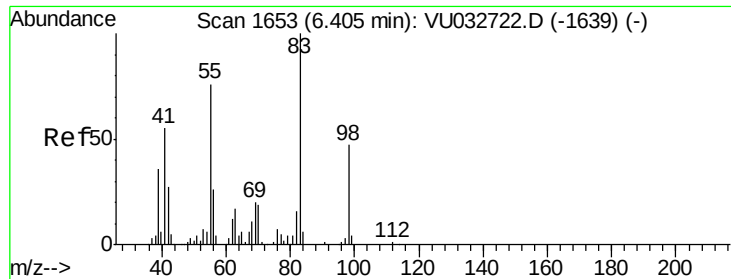
Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

43 100

58 26.7 0.0 60.8

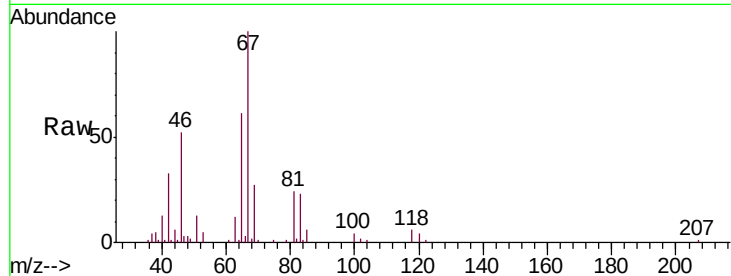




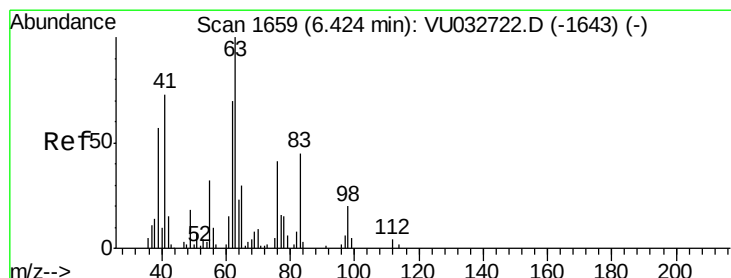
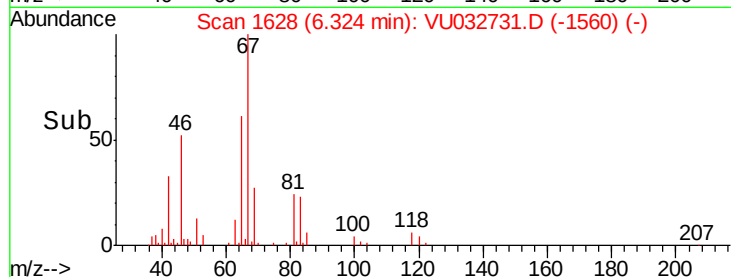
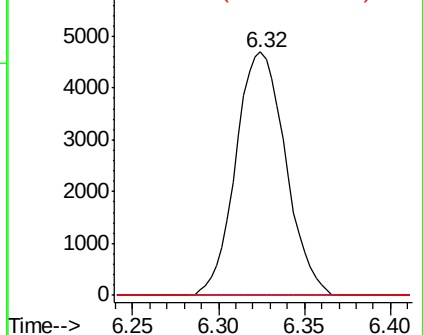
#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 9407
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 1.3 37.8 56.8#

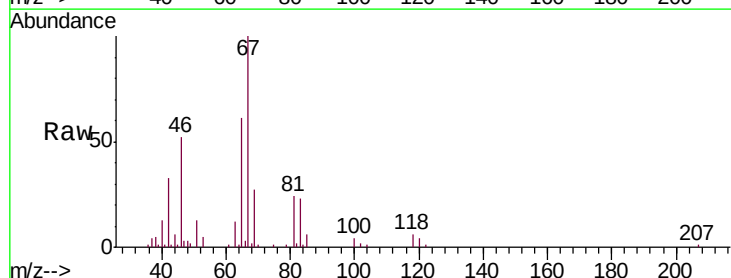


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

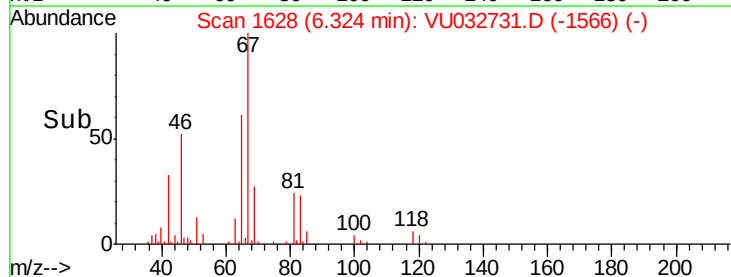
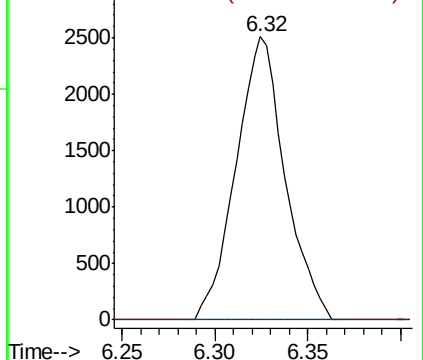


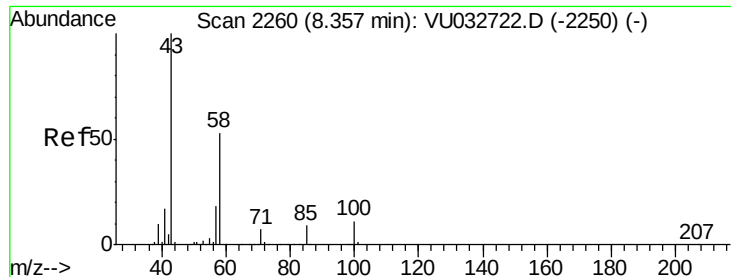
#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032731.D
Acq: 14 Jun 2019 18:53

Tgt Ion: 63 Resp: 4608
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

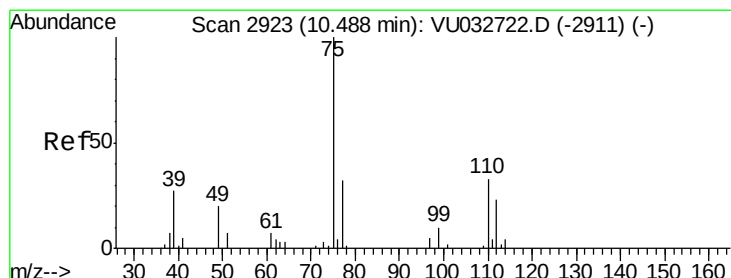
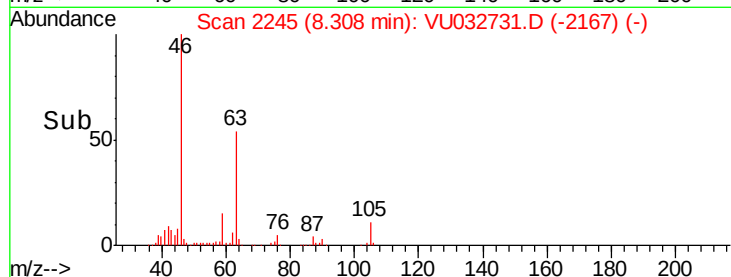
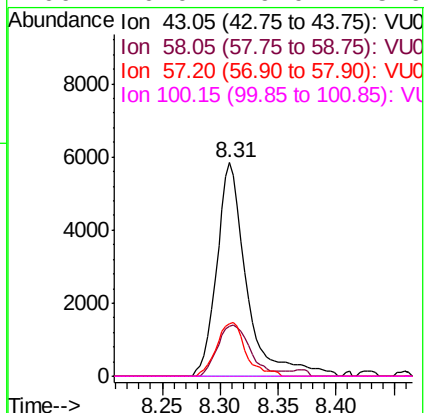
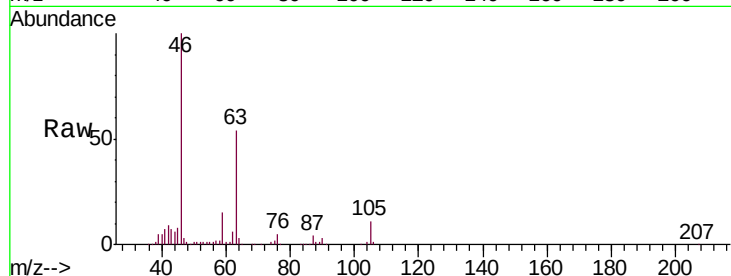




#48
 2-Hexanone
 Concen: 2.629 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU032731.D
 Acq: 14 Jun 2019 18:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 10476
 Ion Ratio Lower Upper
 43 100
 58 26.1 41.9 62.9#
 57 24.7 15.1 22.7#
 100 0.0 9.0 13.6#



#59
 1,2,3-Trichloropropane
 Concen: 1.211 ug/L
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.99 min
 Lab File: VU032731.D
 Acq: 14 Jun 2019 18:53

Tgt Ion: 75 Resp: 6229
 Ion Ratio Lower Upper
 75 100
 77 40.1 25.3 37.9#

