

Data File : VU032756.D
Acq On : 15 Jun 2019 06:00
Operator : JC/SP
Sample : K3385-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM84

Quant Time: Jun 15 06:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 06:39:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97508	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	91175	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25911	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.67	69	24041	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	41590	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.18	46	100257	56.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.32%
24) Chloroform-d	4.64	84	59161	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.30	65	34454	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.33	84	110328	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.32	67	36858	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.56	98	94683	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	13524	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.31	63	75400	50.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33255	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	41484	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

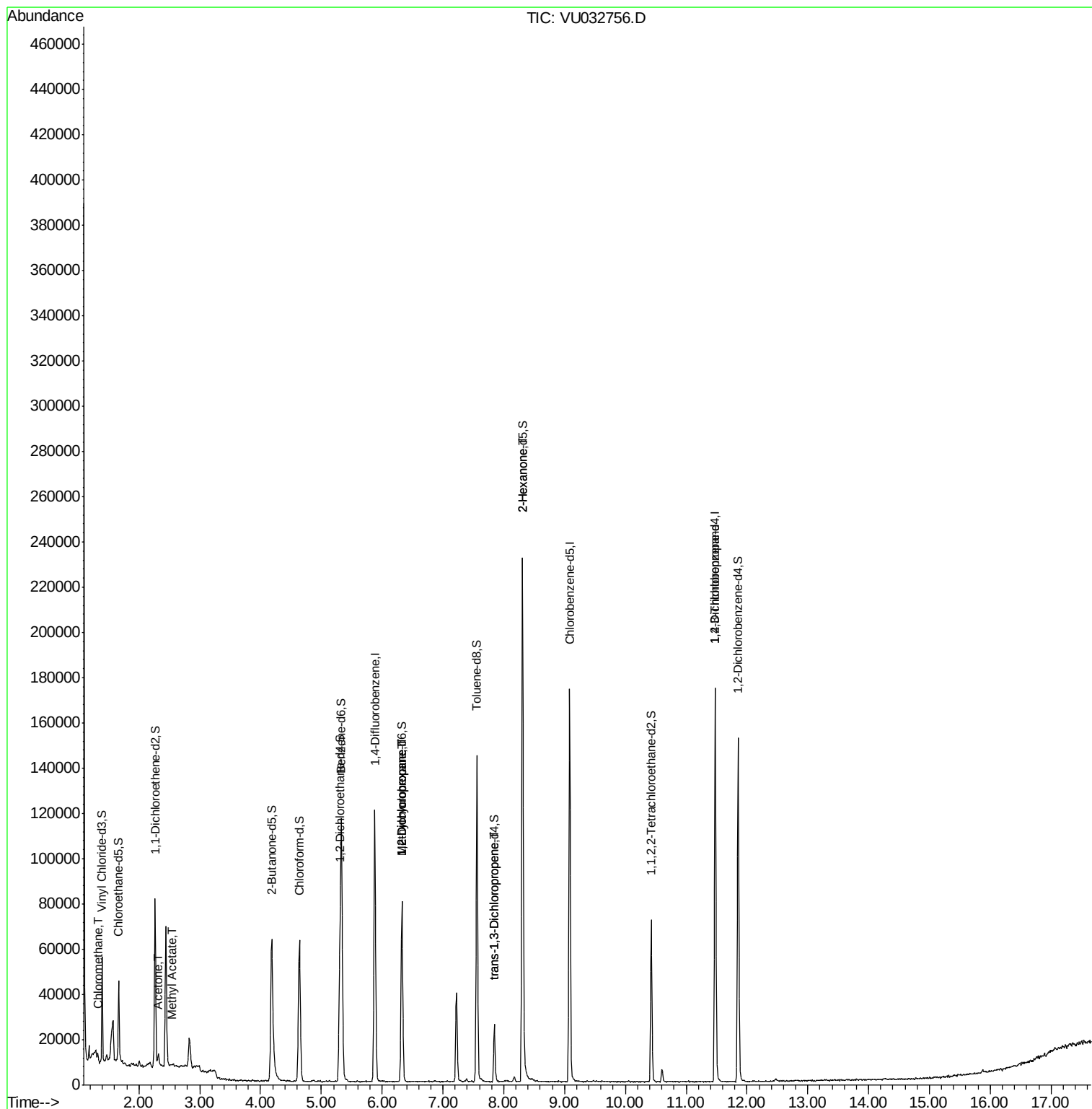
						Qvalue
3) Chloromethane	1.32	50	2321	0.267	ug/L	96
13) Acetone	2.32	43	4337	3.158	ug/L	98
15) Methyl Acetate	2.54	43	672	0.178	ug/L #	53
35) Methylcyclohexane	6.32	83	8446	0.679	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4527	0.651	ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	689	0.081	ug/L	98
48) 2-Hexanone	8.31	43	9859	2.787	ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	5982	1.310	ug/L #	87

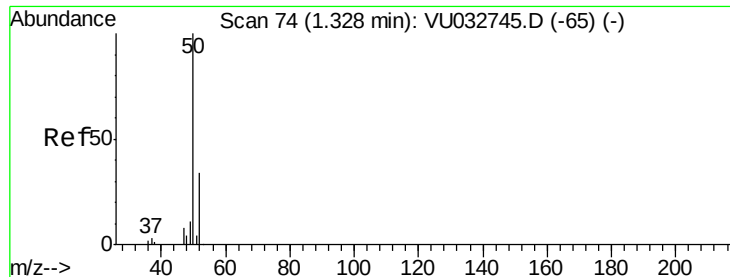
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.267 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

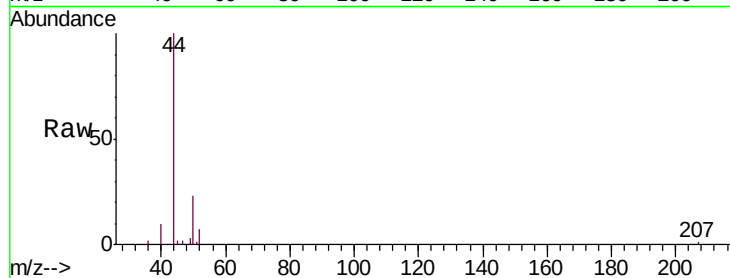
COM84

Tgt Ion: 50 Resp: 2321

Ion Ratio Lower Upper

50 100

52 30.9 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.32

2500

2000

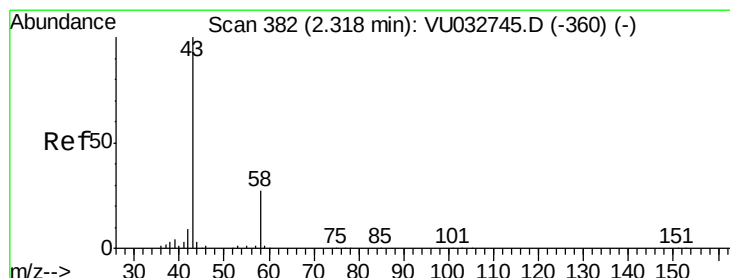
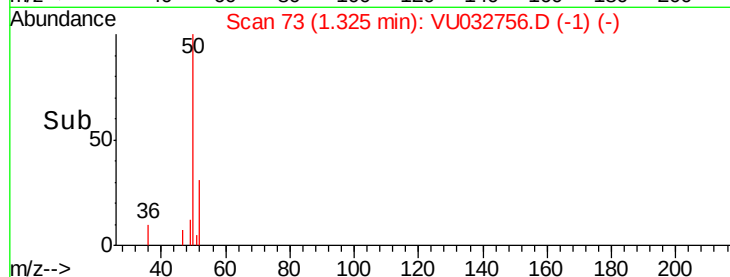
1500

1000

500

0

Time--> 1.28 1.30 1.32 1.34 1.36



#13

Acetone

Concen: 3.158 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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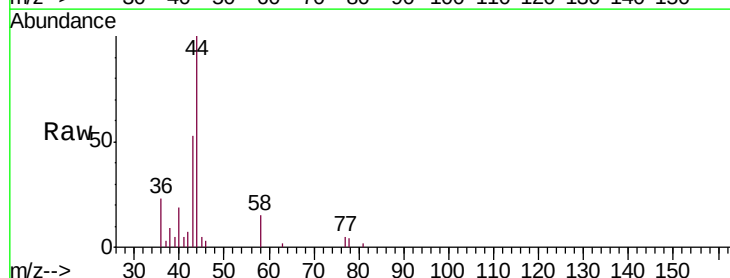
Acq: 15 Jun 2019 06:00

Tgt Ion: 43 Resp: 4337

Ion Ratio Lower Upper

43 100

58 29.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.32

3000

2500

2000

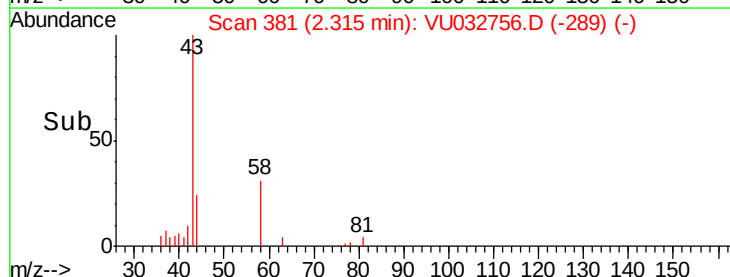
1500

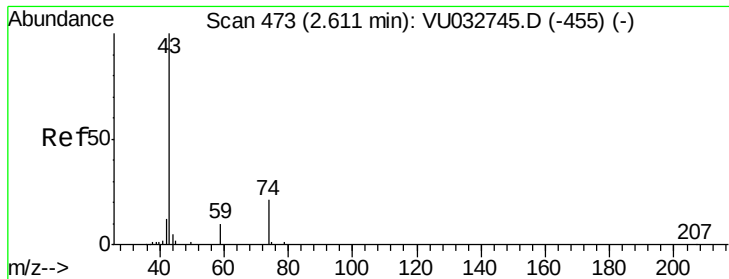
1000

500

0

Time--> 2.25 2.30 2.35

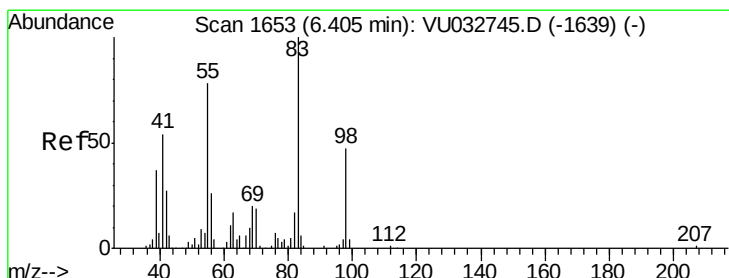
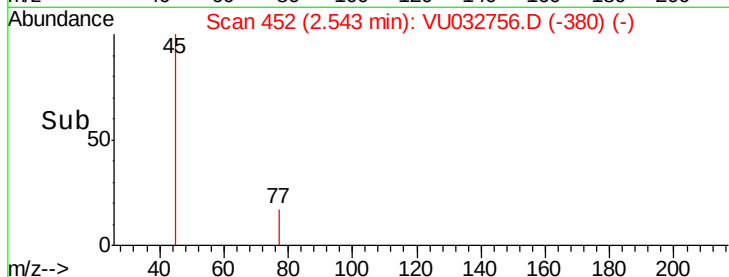
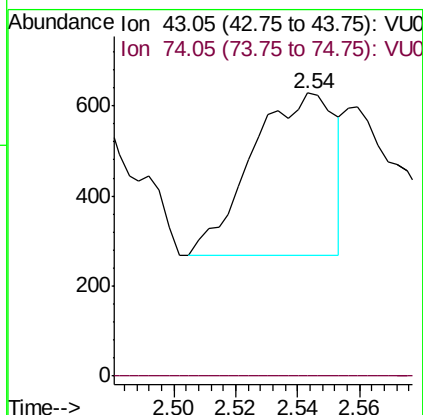
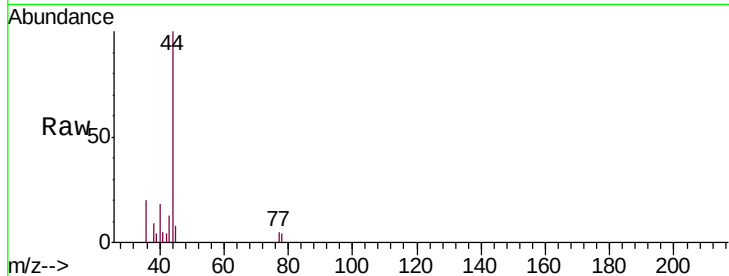




#15
Methyl Acetate
Concen: 0.178 ug/L
RT: 2.54 min Scan# 452
Delta R.T. -0.07 min
Lab File: VU032756.D
Acq: 15 Jun 2019 06:00

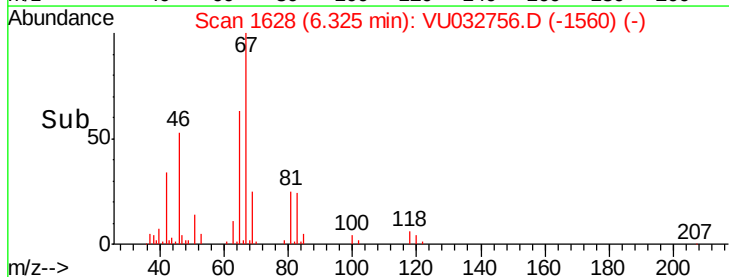
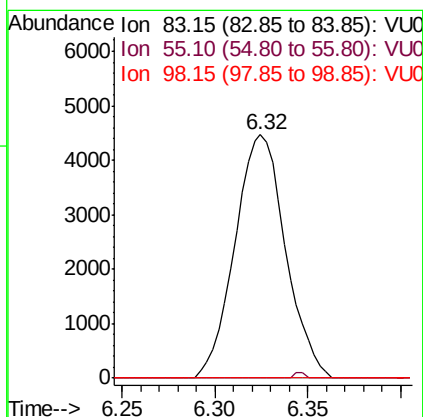
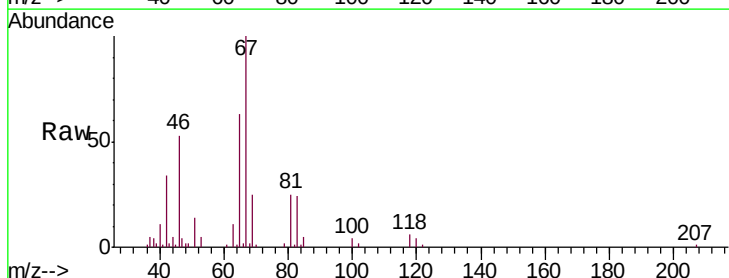
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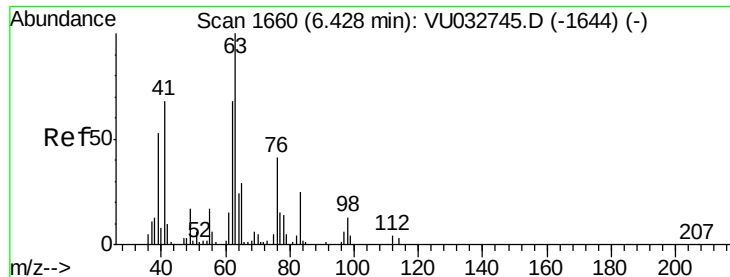
Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032756.D
Acq: 15 Jun 2019 06:00

Tgt Ion: 83 Resp: 8446
Ion Ratio Lower Upper
83 100
55 0.5 60.0 90.0#
98 0.0 37.8 56.8#

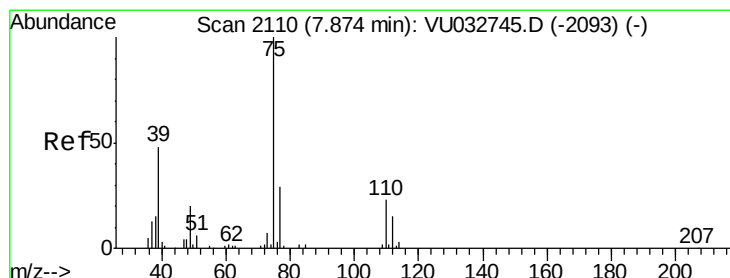
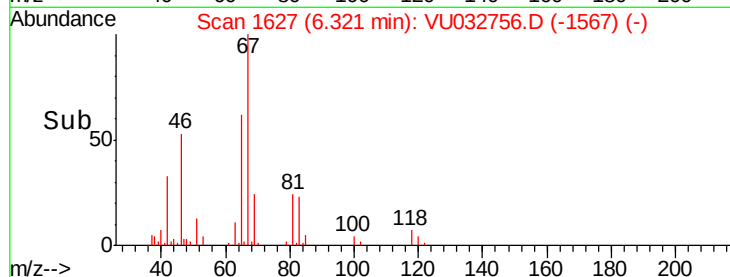
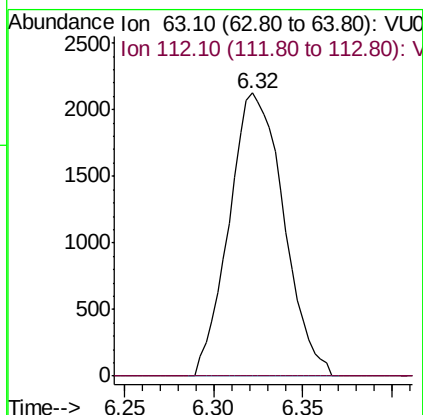
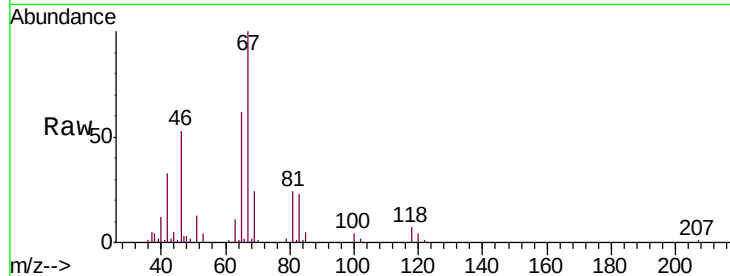




#37
 1,2-Dichloropropane
 Concen: 0.651 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032756.D
 Acq: 15 Jun 2019 06:00

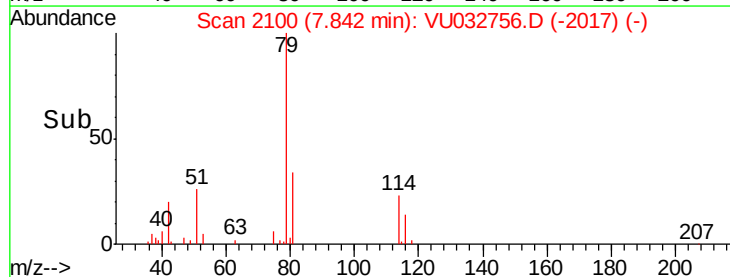
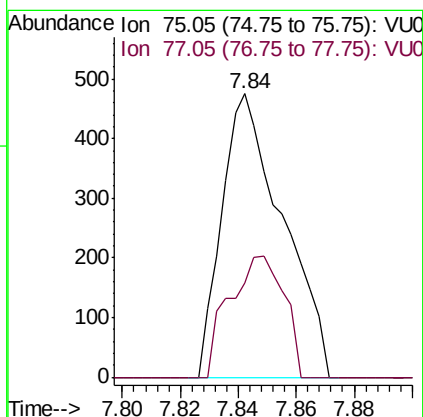
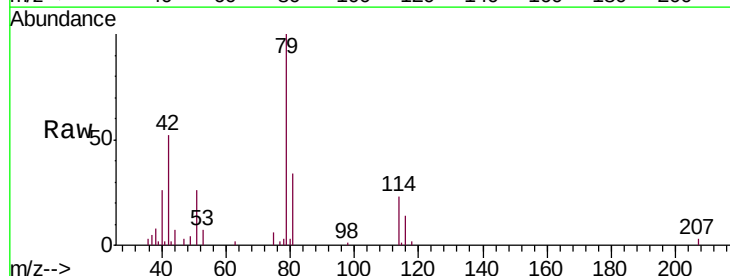
Instrument :
 MSVOA_U
 ClientSampleId :
 COM84

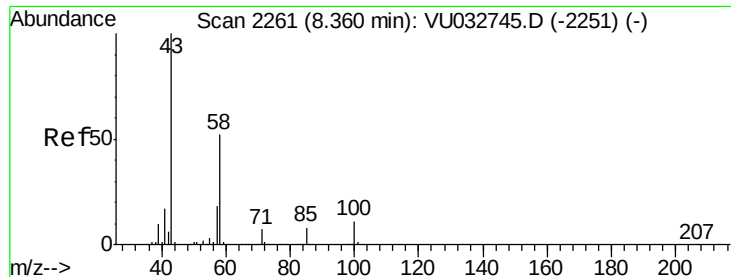
Tgt Ion: 63 Resp: 4527
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032756.D
 Acq: 15 Jun 2019 06:00

Tgt Ion: 75 Resp: 689
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.5 41.7

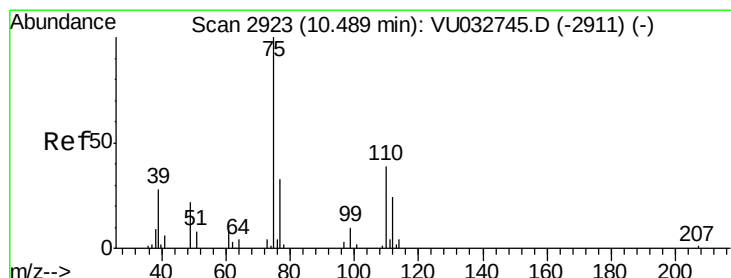
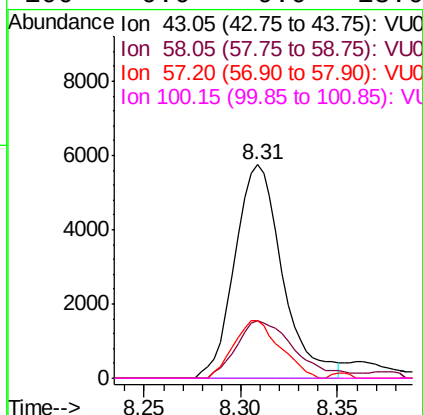
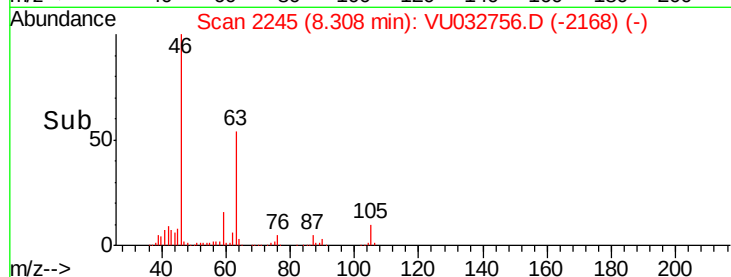
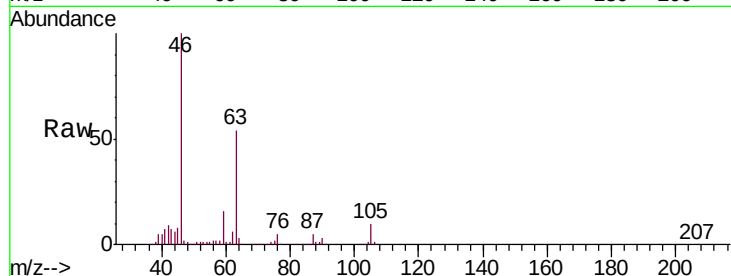




#48
2-Hexanone
Concen: 2.787 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032756.D
Acq: 15 Jun 2019 06:00

Instrument :
MSVOA_U
ClientSampleId :
COM84

Tgt Ion: 43 Resp: 9859
Ion Ratio Lower Upper
43 100
58 33.0 41.9 62.9#
57 26.2 15.1 22.7#
100 0.0 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 1.310 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032756.D
Acq: 15 Jun 2019 06:00

Tgt Ion: 75 Resp: 5982
Ion Ratio Lower Upper
75 100
77 38.6 25.3 37.9#

