

Data File : VU032760.D
Acq On : 15 Jun 2019 07:39
Operator : JC/SP
Sample : K3385-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM95

Quant Time: Jun 17 01:29:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 01:26:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93216	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89276	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24620	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.67	69	22965	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	40784	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.18	46	100917	59.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.32%
24) Chloroform-d	4.64	84	58838	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.30	65	33825	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.20%
32) Benzene-d6	5.33	84	108833	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.32	67	36517	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.56	98	91479	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	14057	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.31	63	76682	52.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32979	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	39481	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

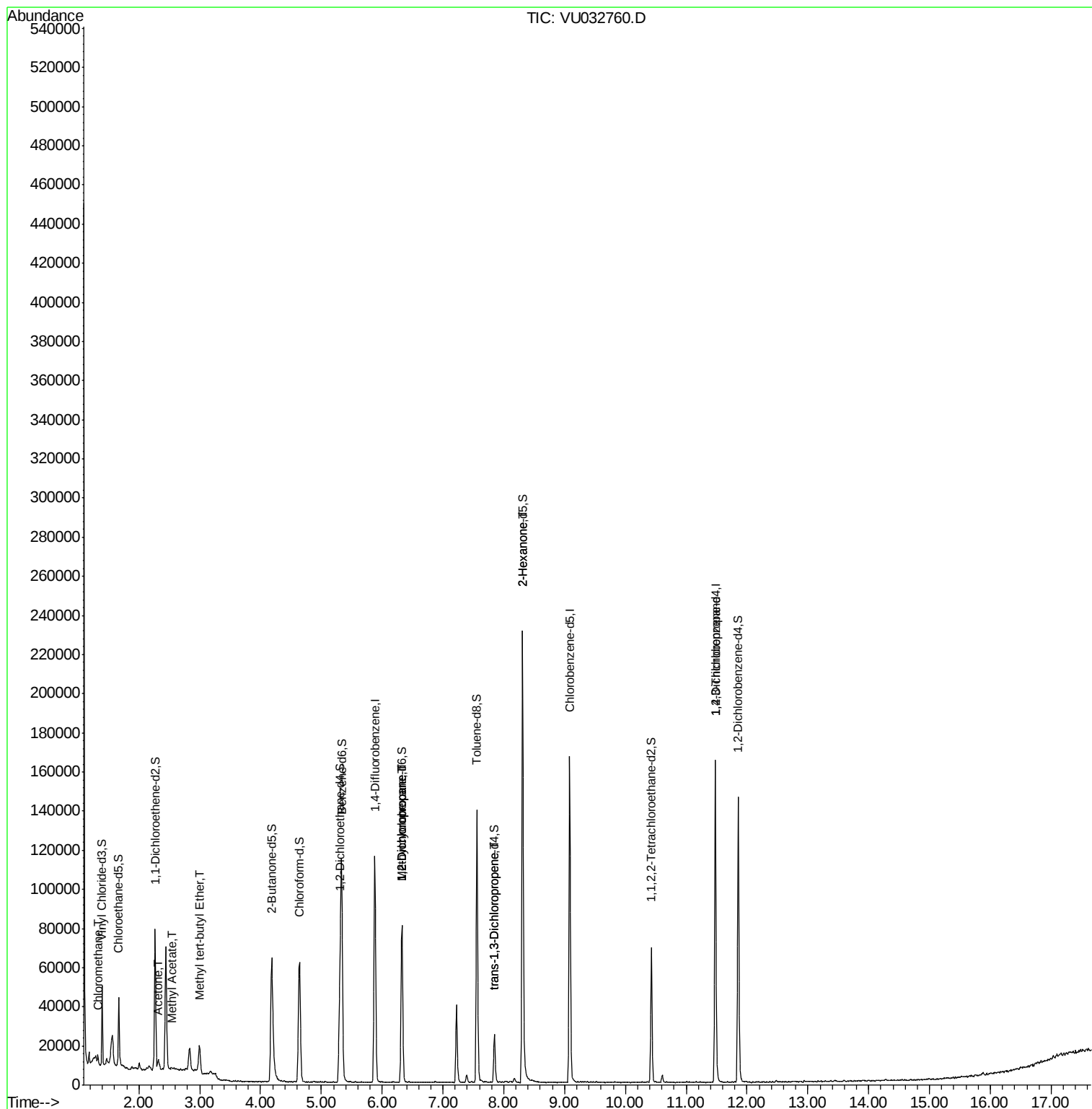
						Qvalue
3) Chloromethane	1.33	50	2595	0.313	ug/L	94
13) Acetone	2.32	43	4768	3.632	ug/L	99
15) Methyl Acetate	2.55	43	815	0.226	ug/L #	53
17) Methyl tert-butyl Ether	3.00	73	11882	0.686	ug/L	98
35) Methylcyclohexane	6.32	83	8641	0.710	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4492	0.660	ug/L #	89
44) trans-1,3-Dichloropropene	7.84	75	752	0.090	ug/L	92
48) 2-Hexanone	8.31	43	9670	2.792	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	5439	1.216	ug/L	90

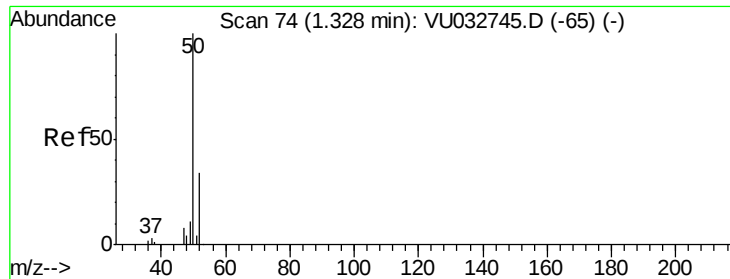
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.313 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU032760.D

Acq: 15 Jun 2019 07:39

Instrument :

MSVOA_U

ClientSampleId :

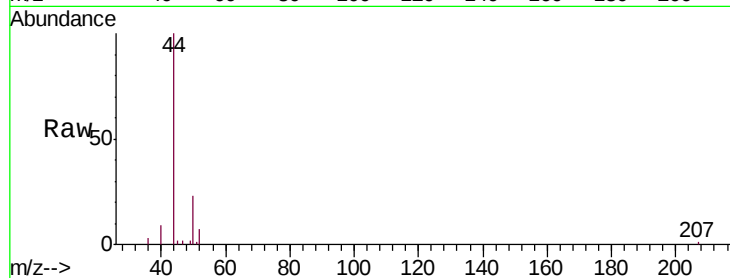
COM95

Tgt Ion: 50 Resp: 2595

Ion Ratio Lower Upper

50 100

52 29.6 23.2 43.2



Abundance Ion 50.05 (49.75 to 50.75): VU032745.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032745.D (-65) (-)

1.33

2500

2000

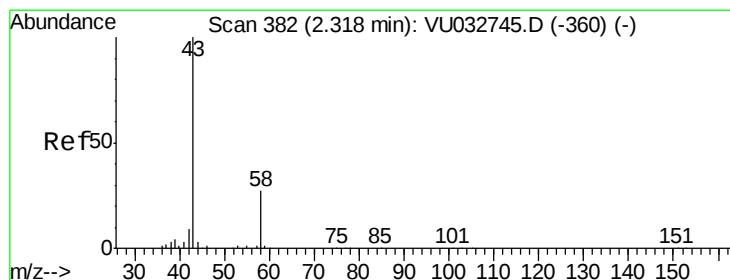
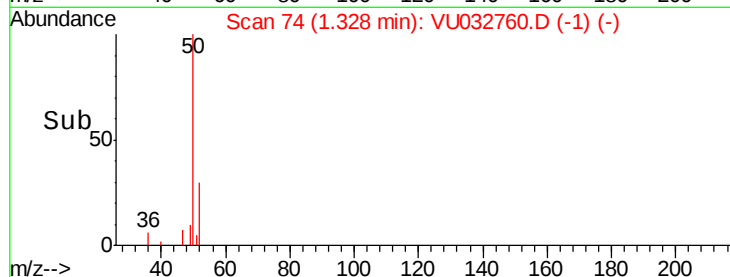
1500

1000

500

0

Time--> 1.28 1.30 1.32 1.34 1.36



#13

Acetone

Concen: 3.632 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032760.D

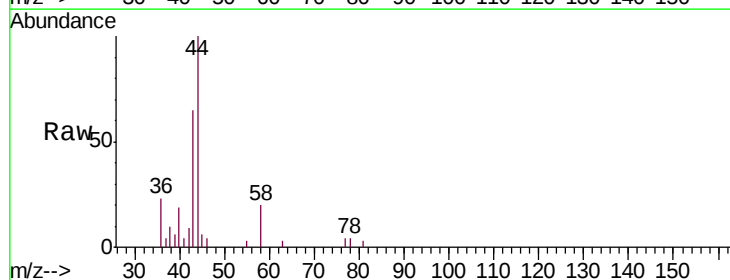
Acq: 15 Jun 2019 07:39

Tgt Ion: 43 Resp: 4768

Ion Ratio Lower Upper

43 100

58 30.9 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032745.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU032745.D (-360) (-)

2.32

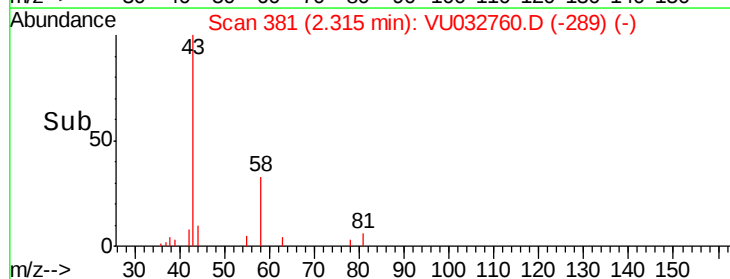
3000

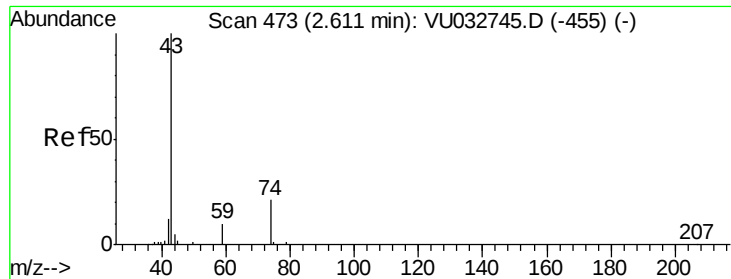
2000

1000

0

Time--> 2.25 2.30 2.35

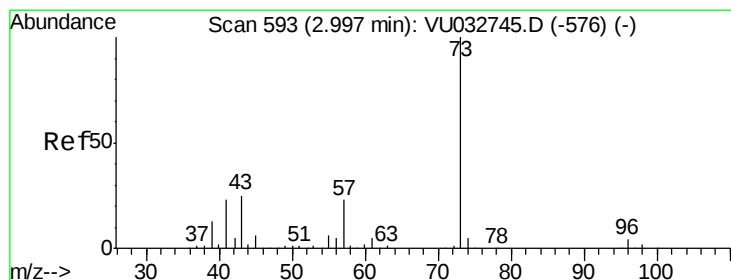
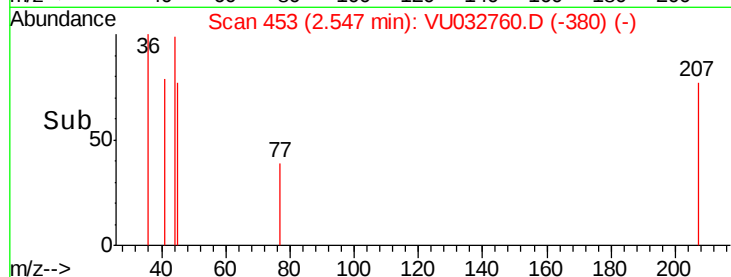
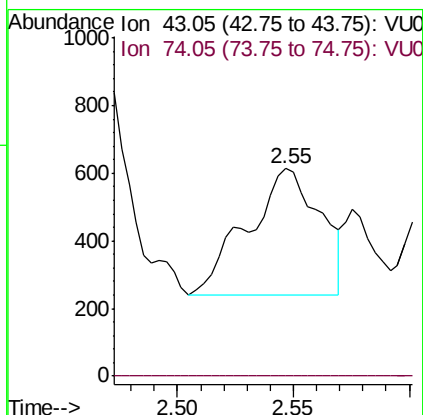
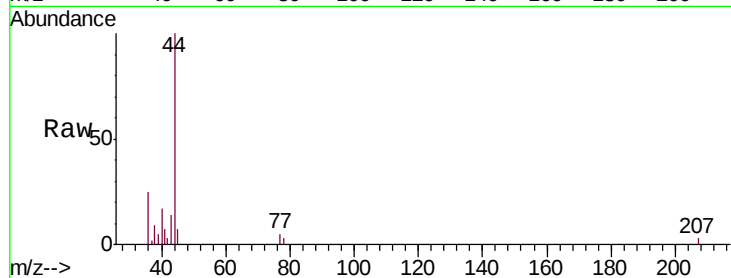




#15
Methyl Acetate
Concen: 0.226 ug/L
RT: 2.55 min Scan# 453
Delta R.T. -0.06 min
Lab File: VU032760.D
Acq: 15 Jun 2019 07:39

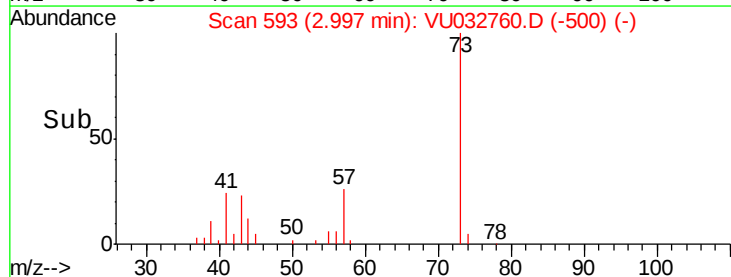
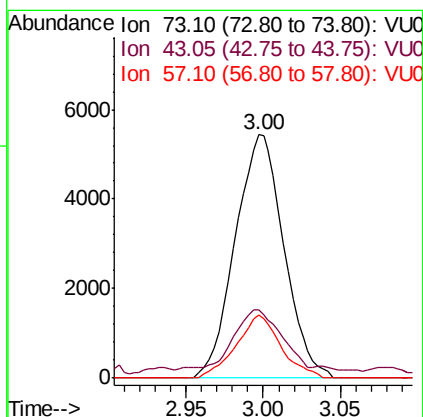
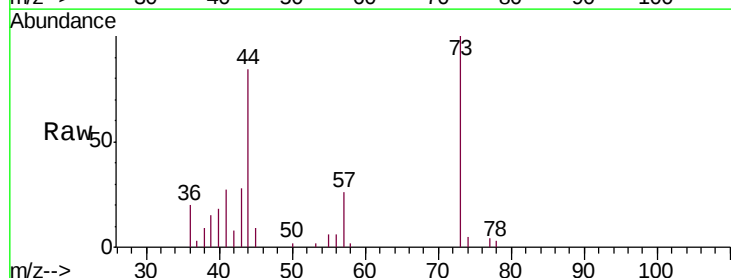
Instrument :
MSVOA_U
ClientSampleId :
COM95

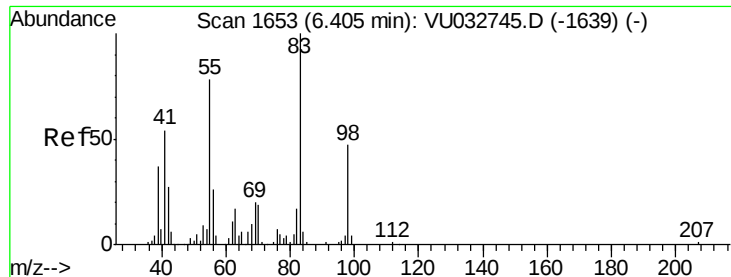
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#17
Methyl tert-butyl Ether
Concen: 0.686 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU032760.D
Acq: 15 Jun 2019 07:39

Tgt Ion: 73 Resp: 11882
Ion Ratio Lower Upper
73 100
43 22.1 18.6 27.8
57 23.9 18.3 27.5





#35

Methylcyclohexane

Concen: 0.710 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.08 min

Lab File: VU032760.D

Acq: 15 Jun 2019 07:39

Instrument :

MSVOA_U

ClientSampleId :

COM95

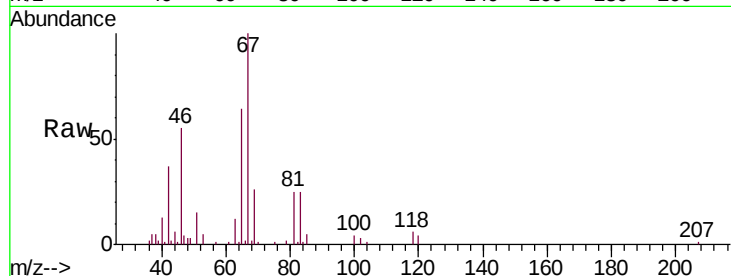
Tgt Ion: 83 Resp: 8641

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

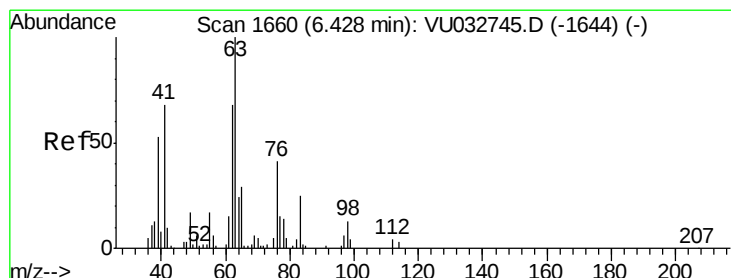
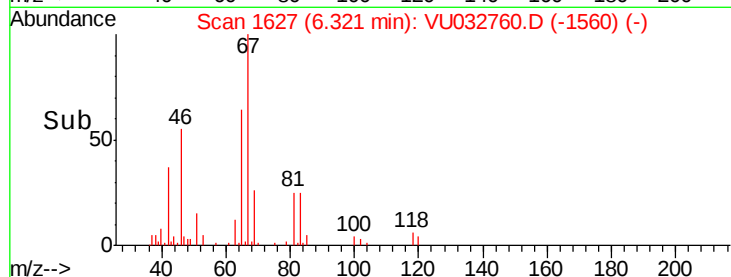
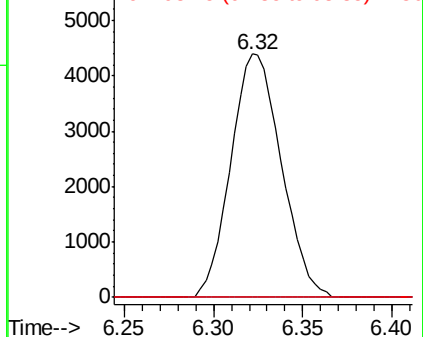
98 0.0 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU032760.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032760.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032760.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032760.D

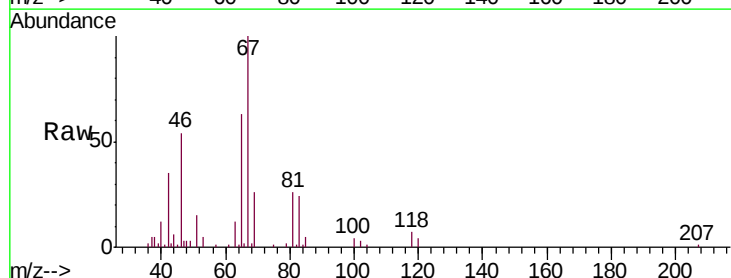
Acq: 15 Jun 2019 07:39

Tgt Ion: 63 Resp: 4492

Ion Ratio Lower Upper

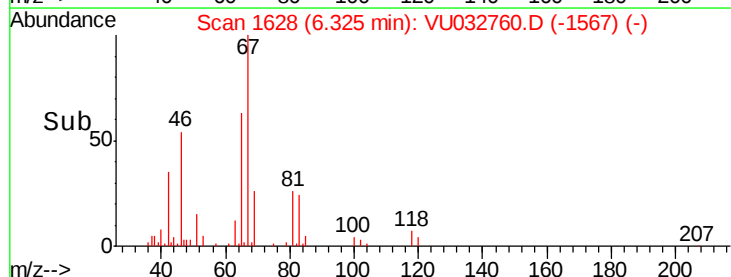
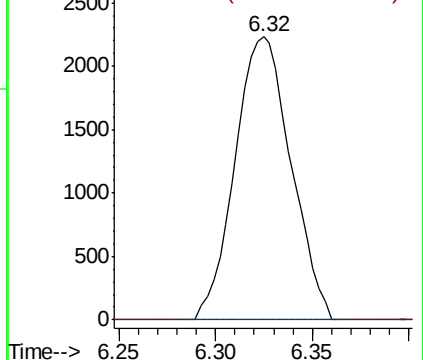
63 100

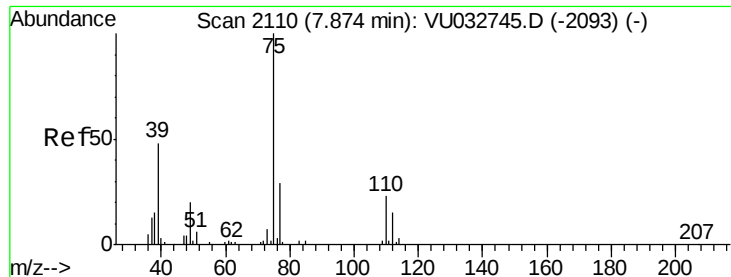
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032760.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VU032760.D (-1567) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032760.D

Acq: 15 Jun 2019 07:39

Instrument :

MSVOA_U

ClientSampled :

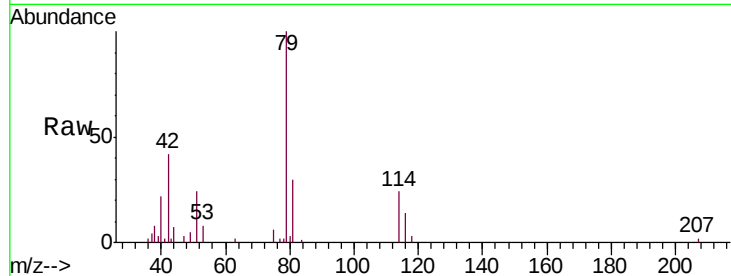
COM95

Tgt Ion: 75 Resp: 752

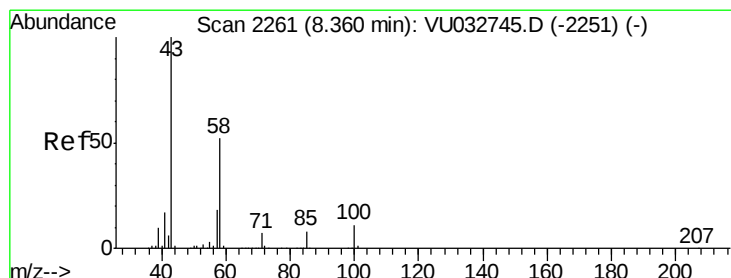
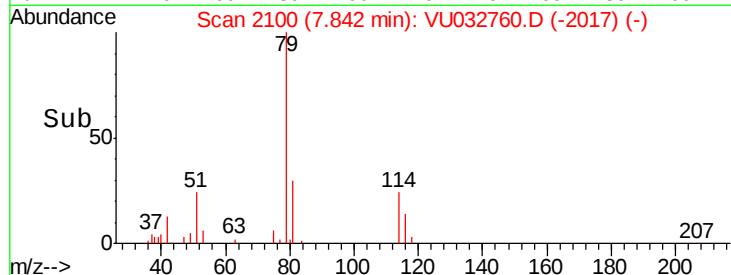
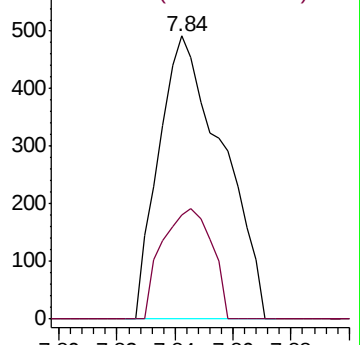
Ion Ratio Lower Upper

75 100

77 36.8 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU032745.D (-2093) (-)



#48

2-Hexanone

Concen: 2.792 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU032760.D

Acq: 15 Jun 2019 07:39

Tgt Ion: 43 Resp: 9670

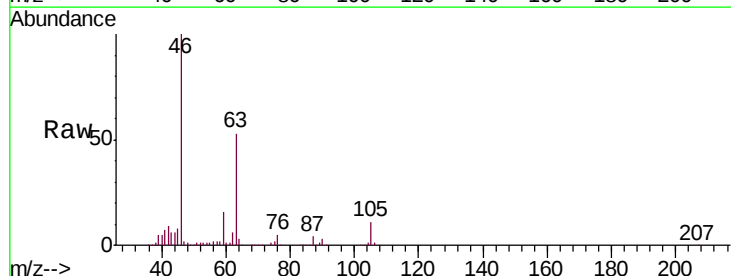
Ion Ratio Lower Upper

43 100

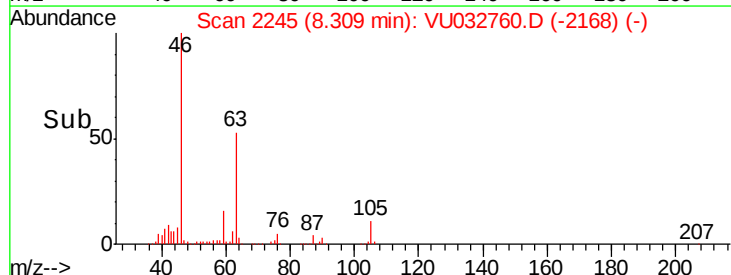
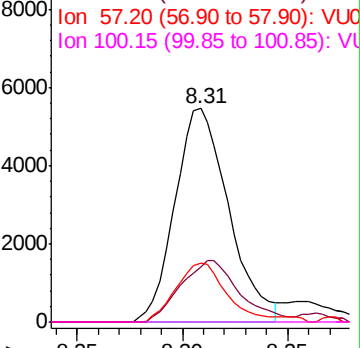
58 31.4 41.9 62.9#

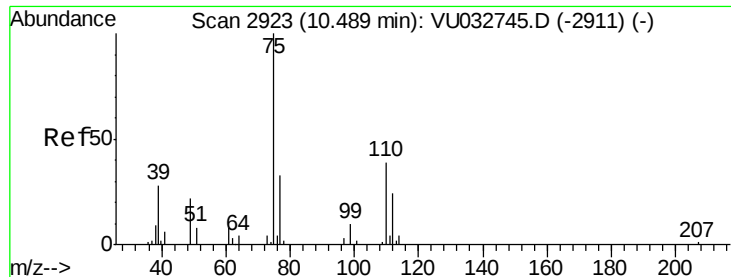
57 25.9 15.1 22.7#

100 0.0 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032745.D (-2251) (-)





#59

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032760.D

Acq: 15 Jun 2019 07:39

Instrument :

MSVOA_U

ClientSampleId :

COM95

Tgt Ion: 75 Resp: 5439

Ion Ratio Lower Upper

75 100

77 37.2 25.3 37.9

