

Data File : VU032766.D
Acq On : 15 Jun 2019 10:07
Operator : JC/SP
Sample : K3385-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM65

Quant Time: Jun 17 01:30:36 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	94319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	25443	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.67	69	23215	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	45988	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.18	46	102693	60.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.00%
24) Chloroform-d	4.64	84	58374	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.30	65	33567	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.33	84	109306	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.32	67	36225	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.56	98	92323	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	13373	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.31	63	77754	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33559	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	40131	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

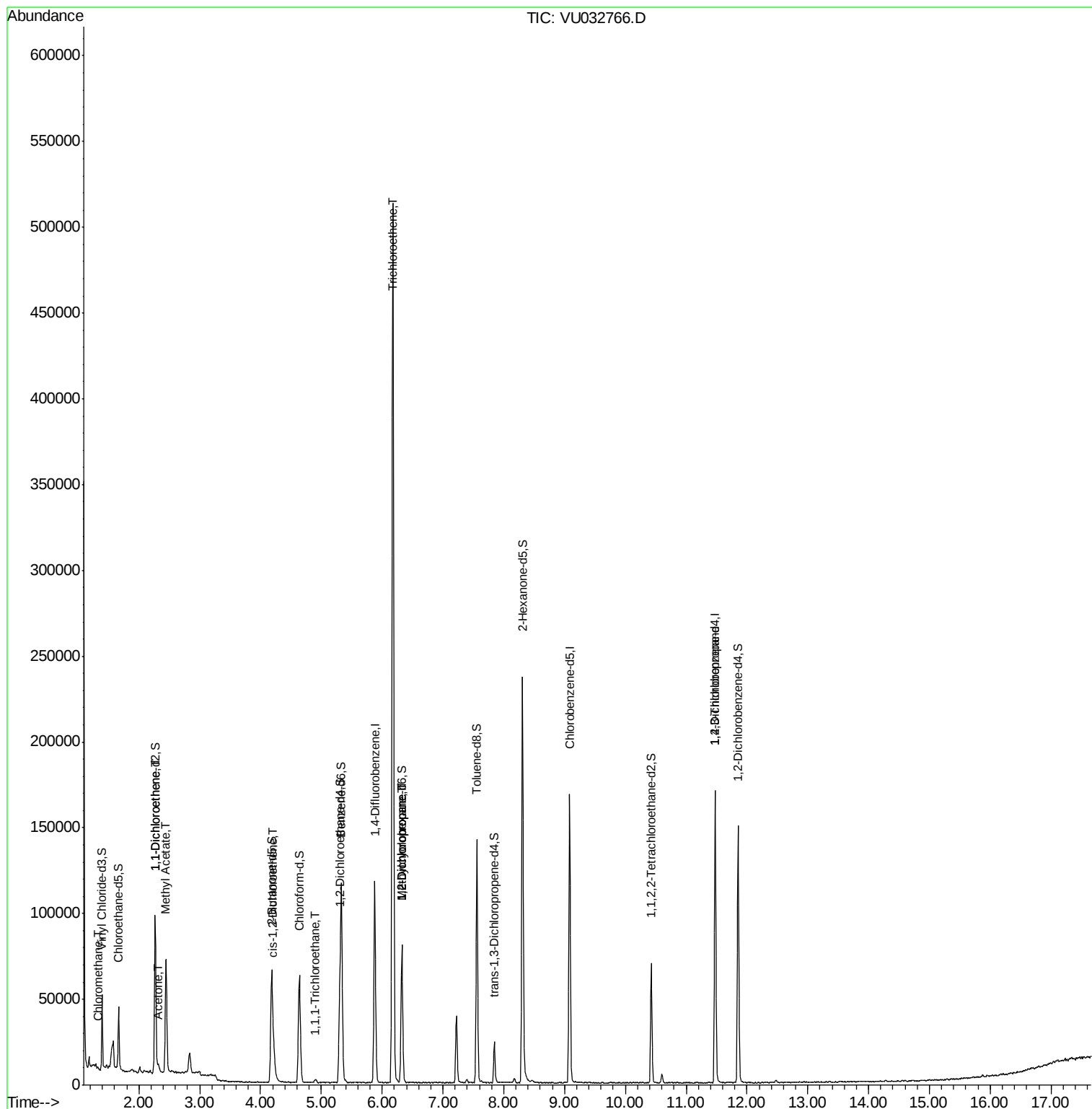
						Qvalue
3) Chloromethane	1.32	50	1758	0.209	ug/L	95
12) 1,1-Dichloroethene	2.28	96	10046	1.676	ug/L #	39
13) Acetone	2.32	43	4035	3.038	ug/L	95
15) Methyl Acetate	2.44	43	17147	4.705	ug/L #	53
22) cis-1,2-Dichloroethene	4.21	96	4158	0.568	ug/L	94
29) 1,1,1-Trichloroethane	4.90	97	1745	0.160	ug/L	95
34) Trichloroethene	6.18	95	168084	22.098	ug/L	99
35) Methylcyclohexane	6.32	83	8247	0.674	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4166	0.609	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	4940	1.099	ug/L #	77

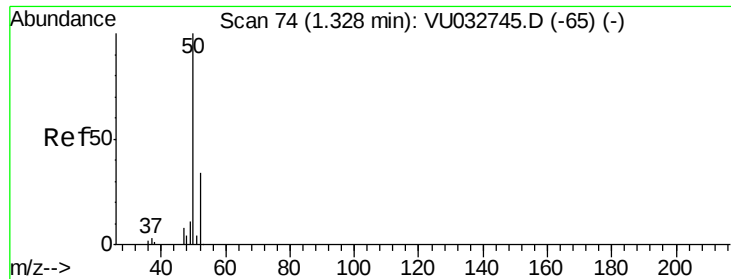
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.209 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Acq: 15 Jun 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

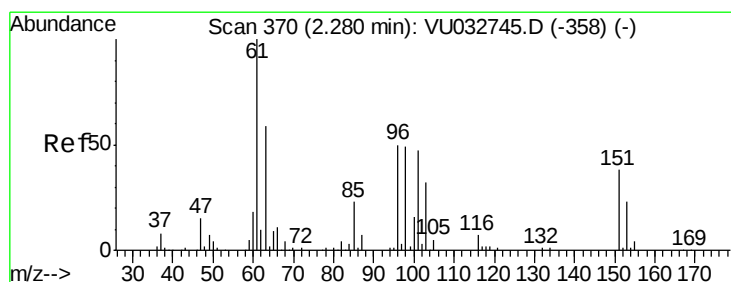
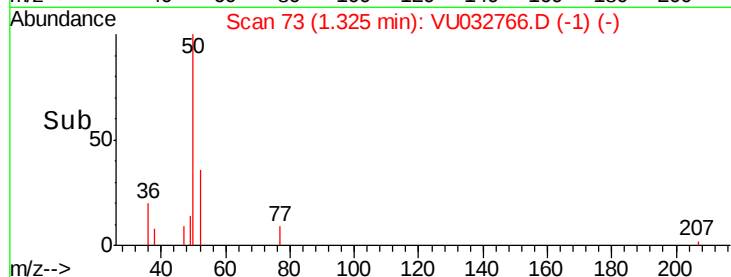
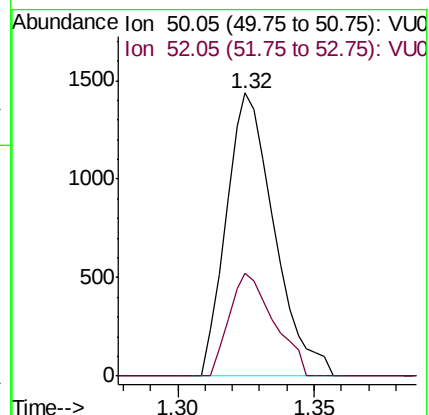
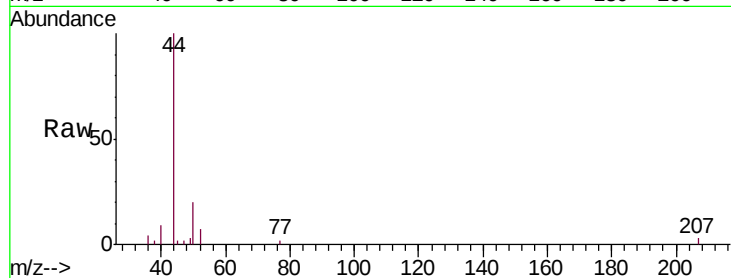
C0M65

Tgt Ion: 50 Resp: 1758

Ion Ratio Lower Upper

50 100

52 36.2 23.2 43.2



#12

1,1-Dichloroethene

Concen: 1.676 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032766.D

Acq: 15 Jun 2019 10:07

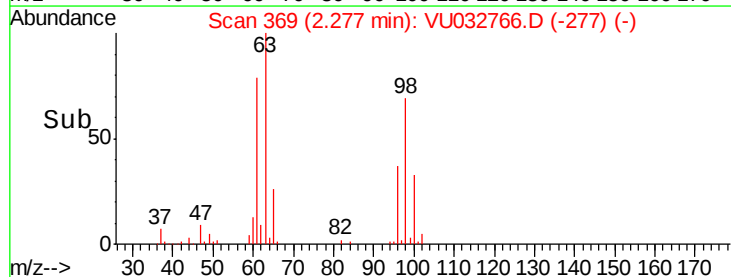
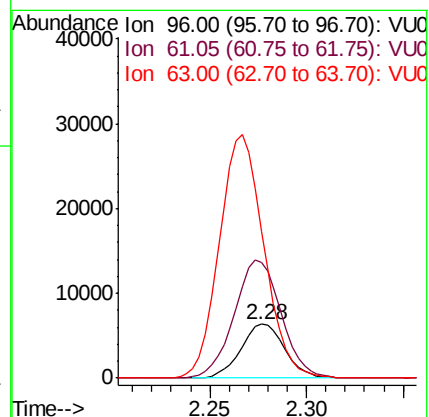
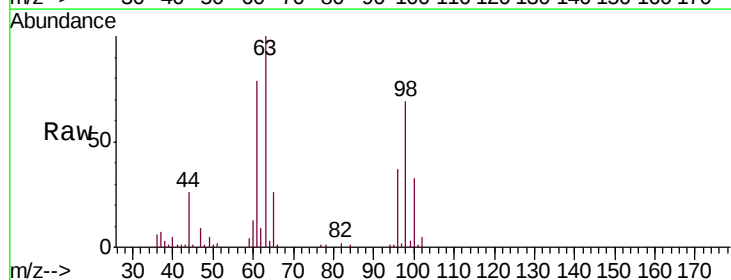
Tgt Ion: 96 Resp: 10046

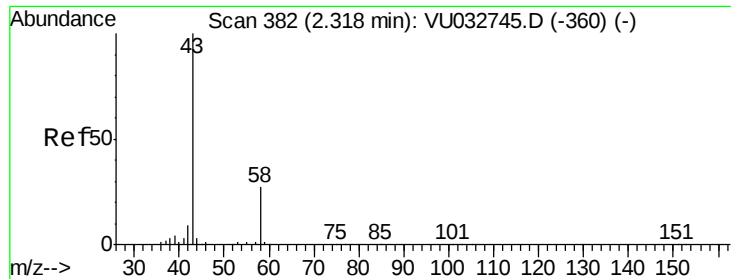
Ion Ratio Lower Upper

96 100

61 214.8 131.8 244.8

63 271.6 90.1 167.3#





#13

Acetone

Concen: 3.038 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032766.D

Acq: 15 Jun 2019 10:07

Instrument :

MSVOA_U

ClientSampled :

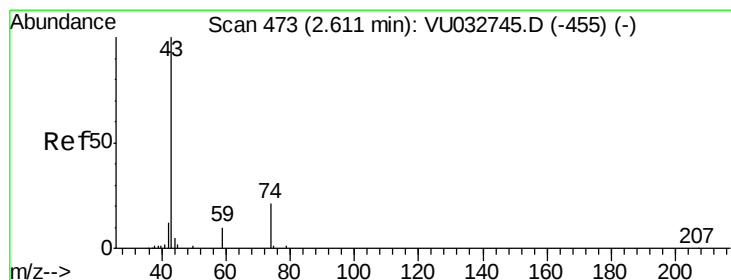
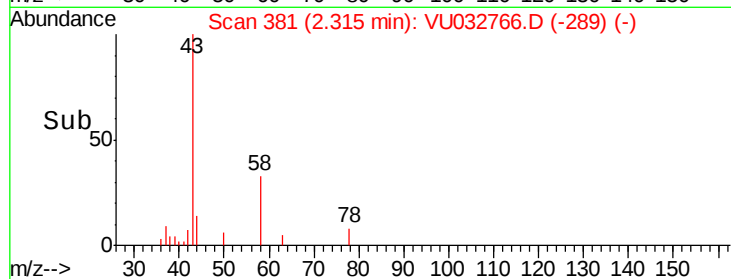
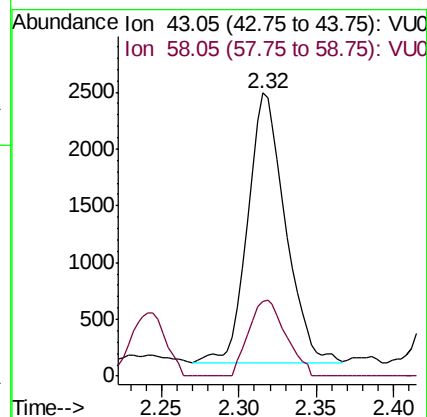
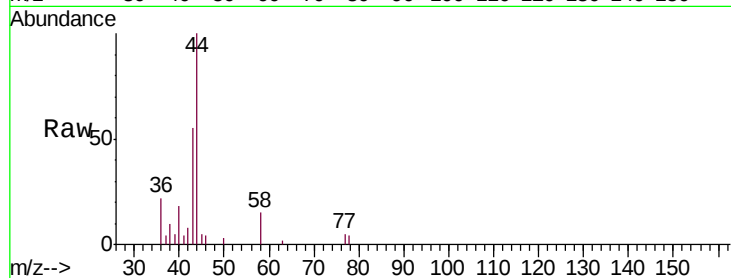
C0M65

Tgt Ion: 43 Resp: 4035

Ion Ratio Lower Upper

43 100

58 27.7 0.0 60.8



#15

Methyl Acetate

Concen: 4.705 ug/L

RT: 2.44 min Scan# 421

Delta R.T. -0.17 min

Lab File: VU032766.D

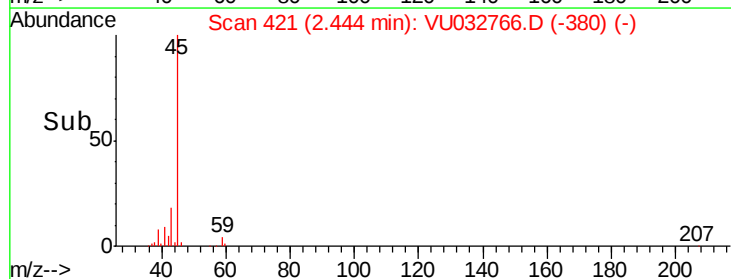
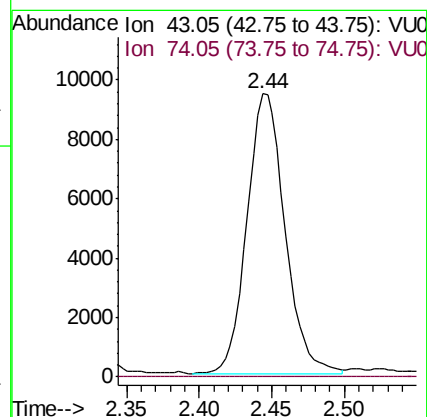
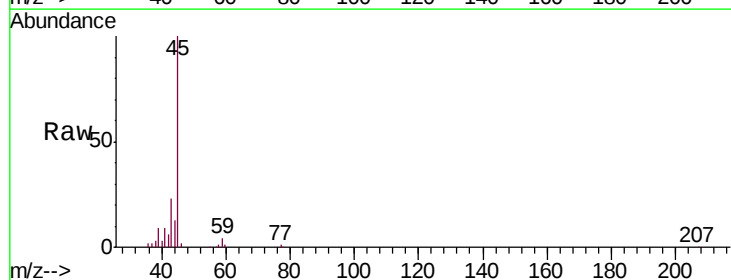
Acq: 15 Jun 2019 10:07

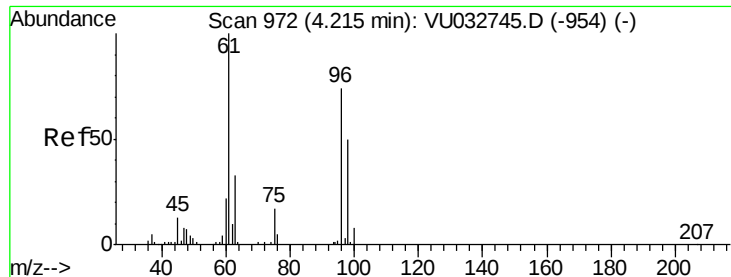
Tgt Ion: 43 Resp: 17147

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



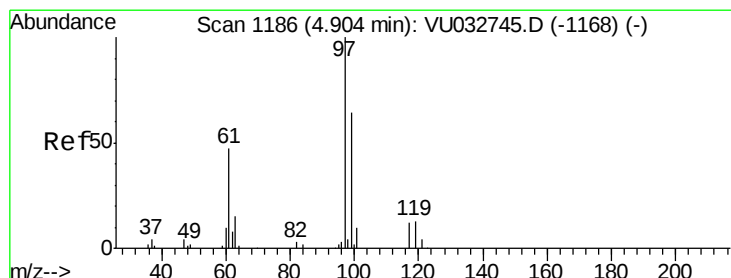
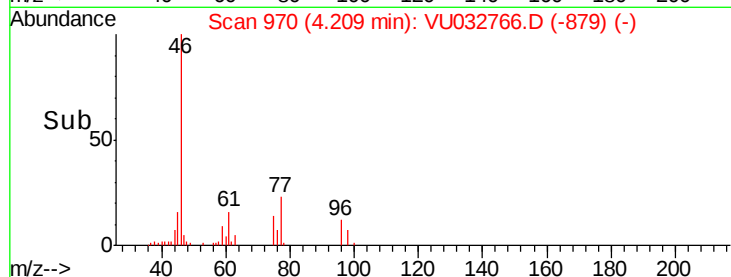
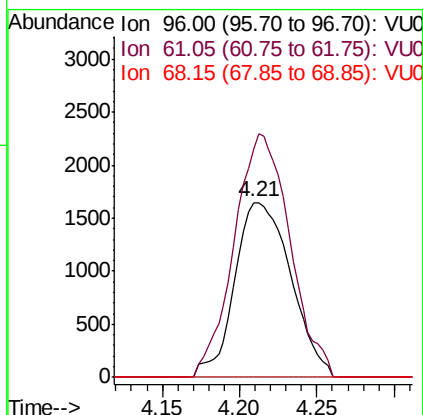
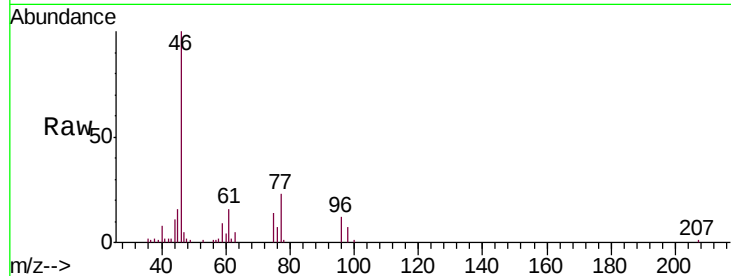


#22

cis-1,2-Dichloroethene
 Concen: 0.568 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: VU032766.D
 Acq: 15 Jun 2019 10:07

Instrument :
 MSVOA_U
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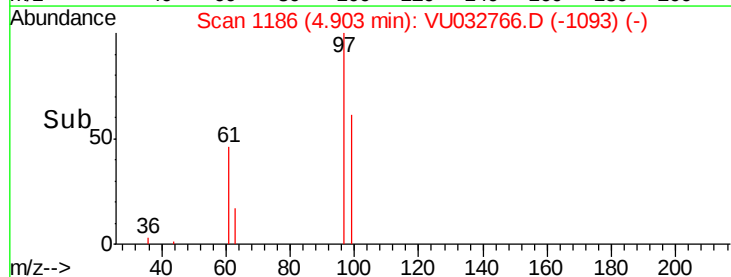
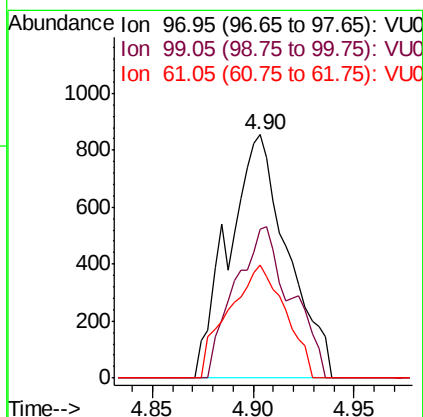
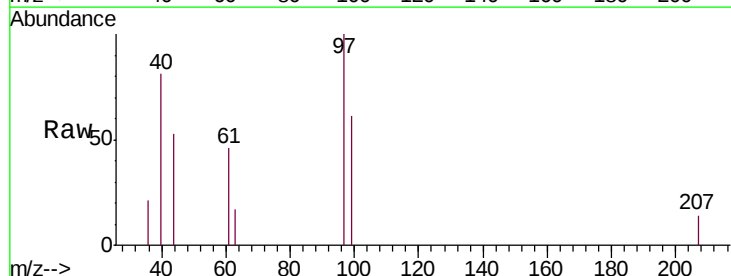
Tgt Ion: 96 Resp: 4158
 Ion Ratio Lower Upper
 96 100
 61 130.1 86.6 160.8
 68 0.0 0.0 0.0

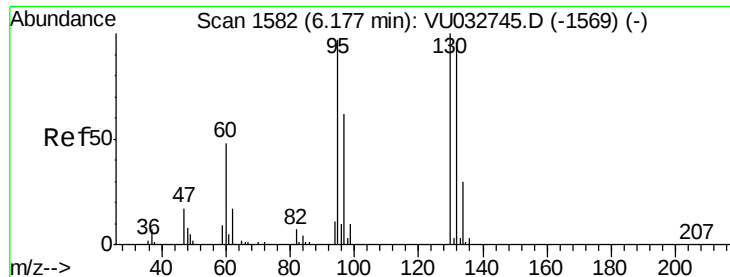


#29

1,1,1-Trichloroethane
 Concen: 0.160 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU032766.D
 Acq: 15 Jun 2019 10:07

Tgt Ion: 97 Resp: 1745
 Ion Ratio Lower Upper
 97 100
 99 59.1 51.8 77.6
 61 44.3 34.7 52.1

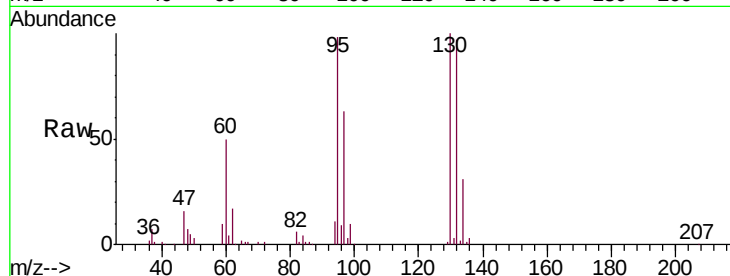




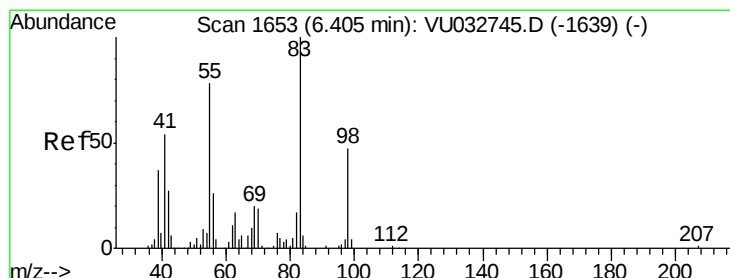
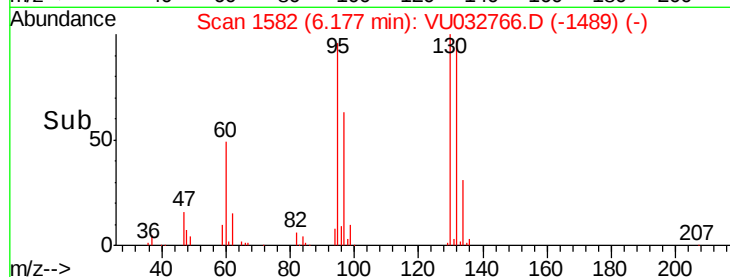
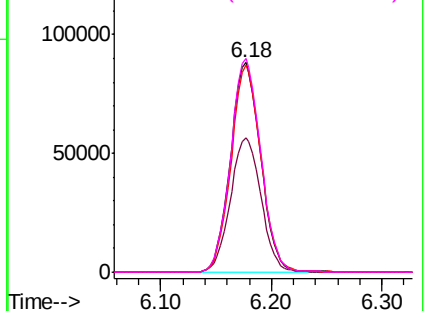
#34
 Trichloroethene
 Concen: 22.098 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VU032766.D
 Acq: 15 Jun 2019 10:07

Instrument :
 MSVOA_U
 ClientSampleId :
 COM65

Tgt Ion:	95	Resp:	168084
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.1	81.9
132	98.8	68.8	127.8
130	102.0	71.0	131.8

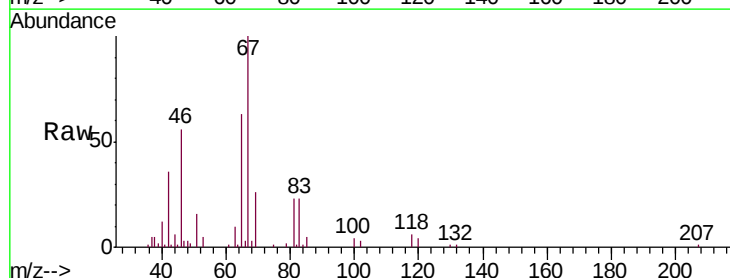


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

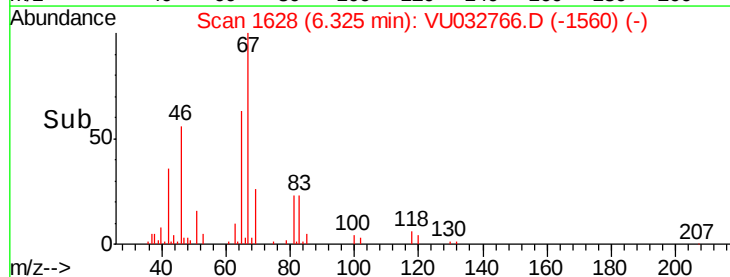
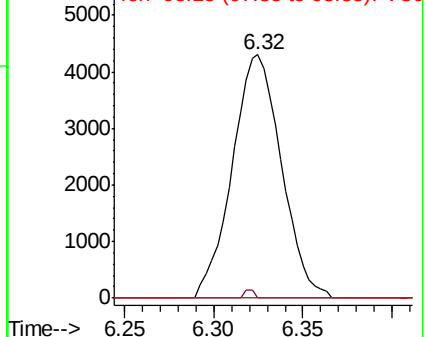


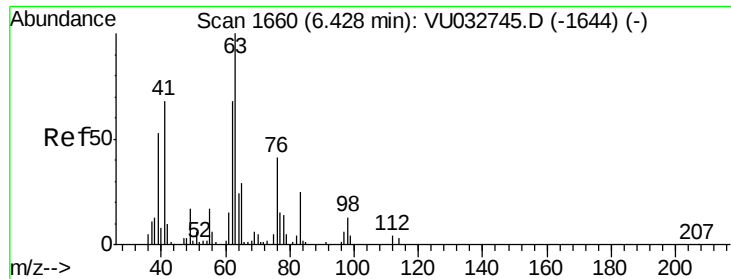
#35
 Methylcyclohexane
 Concen: 0.674 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032766.D
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Tgt Ion:	83	Resp:	8247
Ion	Ratio	Lower	Upper
83	100		
55	0.7	60.0	90.0#
98	0.0	37.8	56.8#



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: 0.609 ug/L

RT: 6.32 min Scan# 1626

Delta R.T. -0.11 min

Lab File: VU032766.D

Acq: 15 Jun 2019 10:07

Instrument :

MSVOA_U

ClientSampleId :

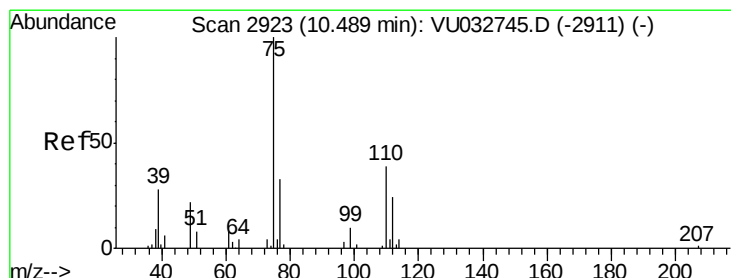
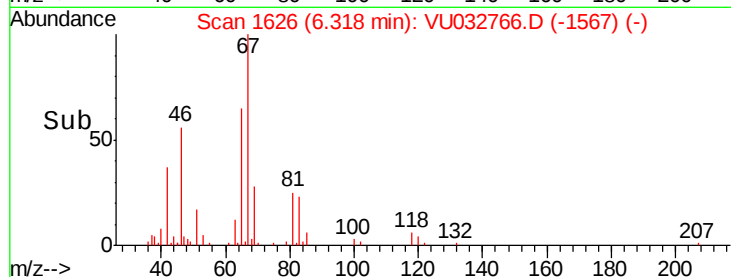
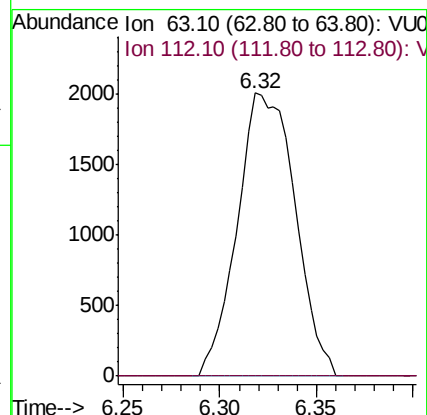
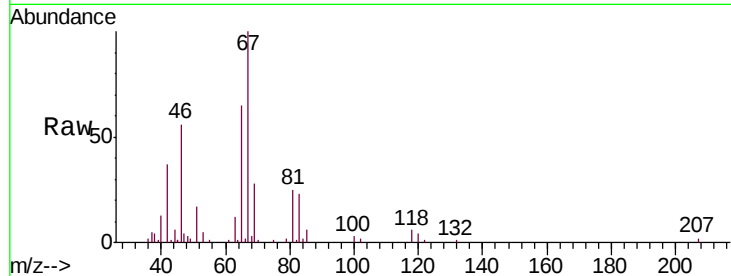
C0M65

Tgt Ion: 63 Resp: 4166

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#59

1,2,3-Trichloropropane

Concen: 1.099 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032766.D

Acq: 15 Jun 2019 10:07

Tgt Ion: 75 Resp: 4940

Ion Ratio Lower Upper

75 100

77 44.4 25.3 37.9#

