

Data File : VU032787.D
Acq On : 17 Jun 2019 17:04
Operator : JC/SP
Sample : K3363-06ME
Misc : 3.25g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JW9ME

Quant Time: Jun 18 02:43:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	235379	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	124658	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47605	29.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.18%#
7) Chloroethane-d5	1.64	69	28224	22.00	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.00%#
11) 1,1-Dichloroethene-d2	2.22	63	79046	24.39	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.78%#
21) 2-Butanone-d5	4.19	46	101291	75.65	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.65%
24) Chloroform-d	4.64	84	98637	31.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	63.08%#
26) 1,2-Dichloroethane-d4	5.30	65	69828	33.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.04%#
32) Benzene-d6	5.32	84	200123	33.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.62%#
36) 1,2-Dichloropropane-d6	6.32	67	65160	34.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.12%#
41) Toluene-d8	7.56	98	183660	33.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.28%#
43) trans-1,3-Dichloropropene-	7.85	79	31905	32.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.06%
47) 2-Hexanone-d5	8.32	63	69421	78.85	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	101372	34.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	81414	33.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.50%#

Target Compounds

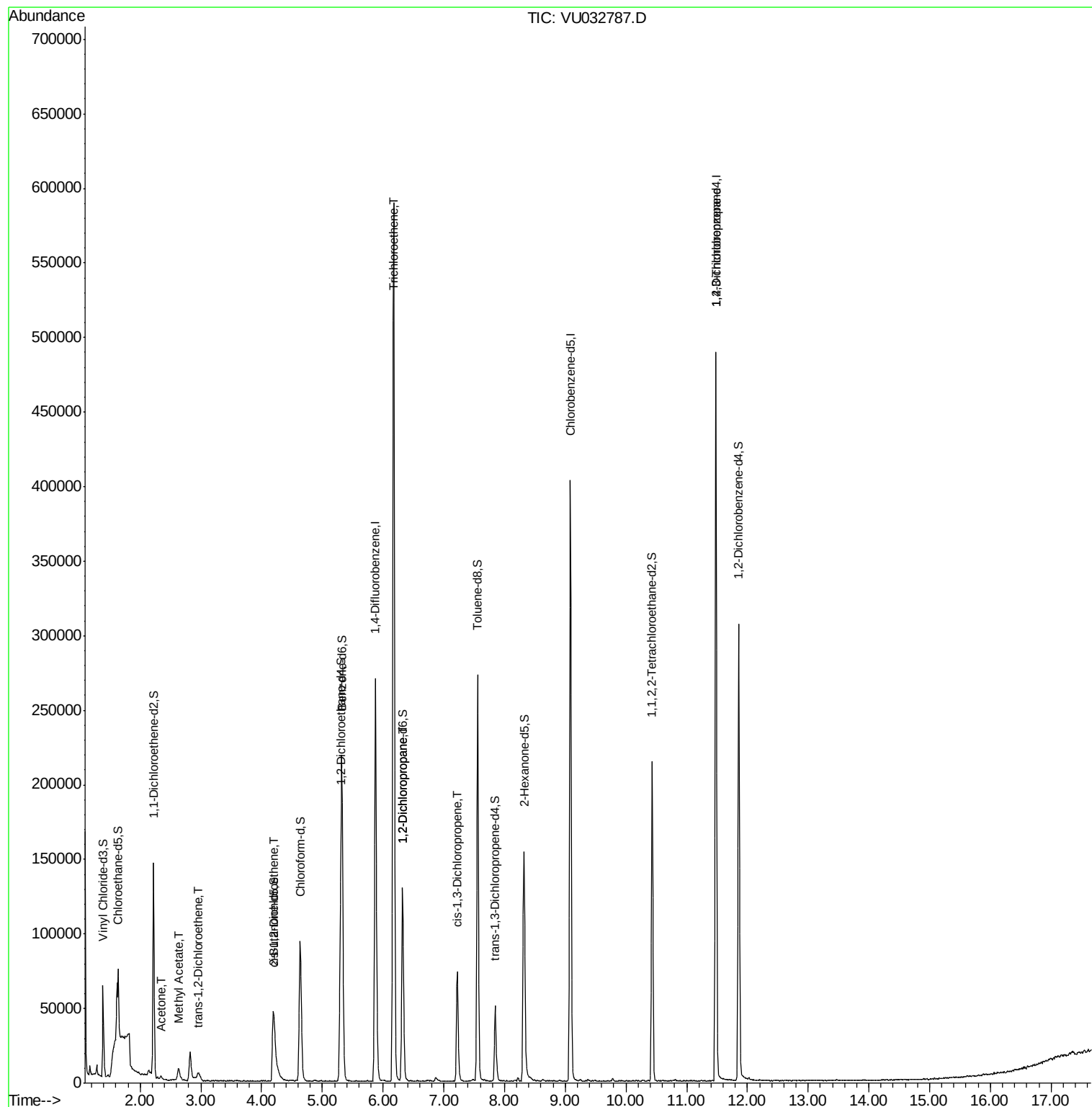
					Qvalue
13) Acetone	2.35	43	2506	1.355	ug/L 82
15) Methyl Acetate	2.63	43	14381	6.860	ug/L 98
17) trans-1,2-Dichloroethene	2.95	96	1157	0.720	ug/L 84
20) cis-1,2-Dichloroethene	4.21	96	4076	2.328	ug/L 100
34) Trichloroethene	6.17	95	197758	113.161	ug/L 99
37) 1,2-Dichloropropane	6.32	63	7487	4.173	ug/L # 88
39) cis-1,3-Dichloropropene	7.22	75	2017	0.722	ug/L # 54
59) 1,2,3-Trichloropropane	11.48	75	15777	6.589	ug/L 91

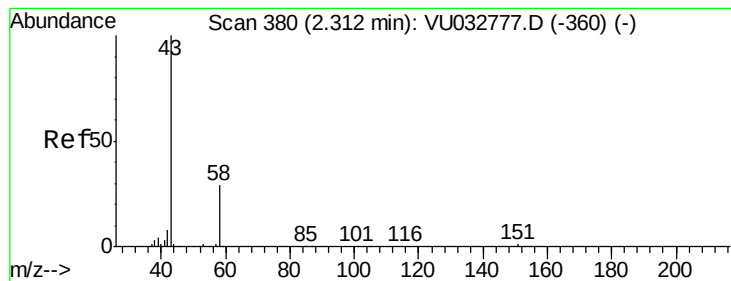
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032787.D
Acq On : 17 Jun 2019 17:04
Operator : JC/SP
Sample : K3363-06ME
Misc : 3.25g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JW9ME

Quant Time: Jun 18 02:43:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.355 ug/L

RT: 2.35 min Scan# 391

Delta R.T. 0.04 min

Lab File: VU032787.D

Acq: 17 Jun 2019 17:04

Instrument :

MSVOA_U

ClientSampleId :

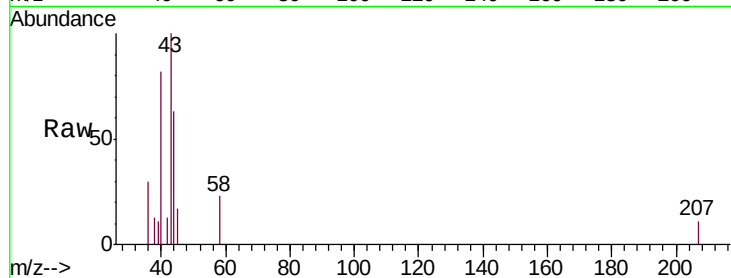
C0JW9ME

Tgt Ion: 43 Resp: 2506

Ion Ratio Lower Upper

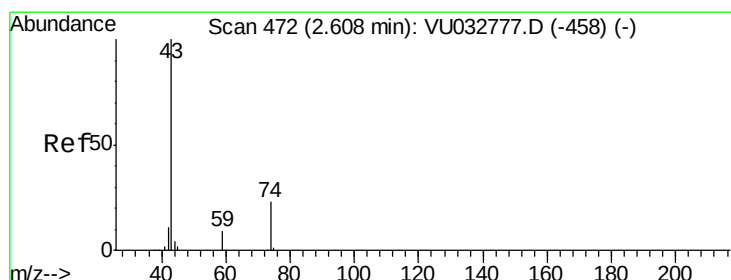
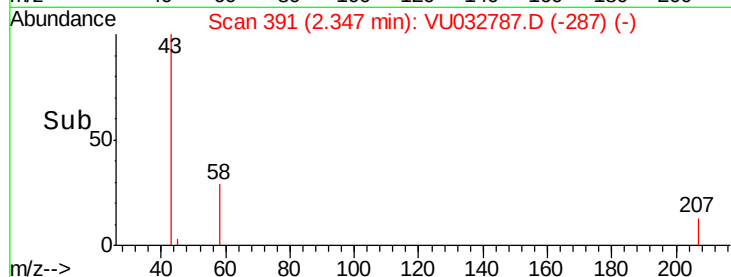
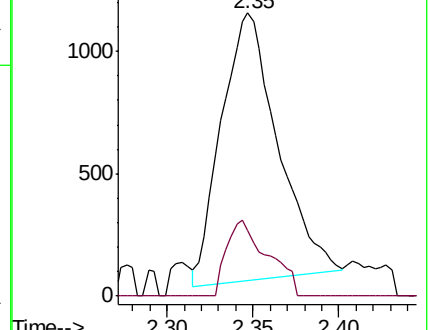
43 100

58 20.5 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032787.D (-391) (-)

Ion 58.00 (57.70 to 58.70): VU032787.D (-391) (-)



#15

Methyl Acetate

Concen: 6.860 ug/L

RT: 2.63 min Scan# 480

Delta R.T. 0.03 min

Lab File: VU032787.D

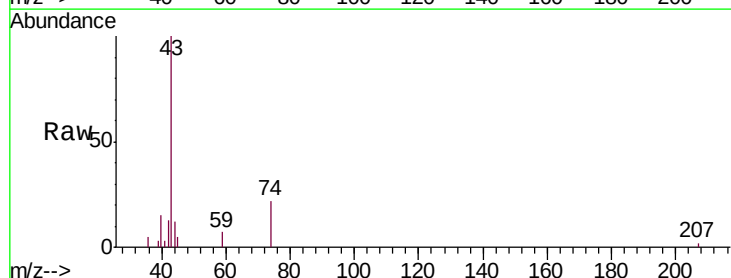
Acq: 17 Jun 2019 17:04

Tgt Ion: 43 Resp: 14381

Ion Ratio Lower Upper

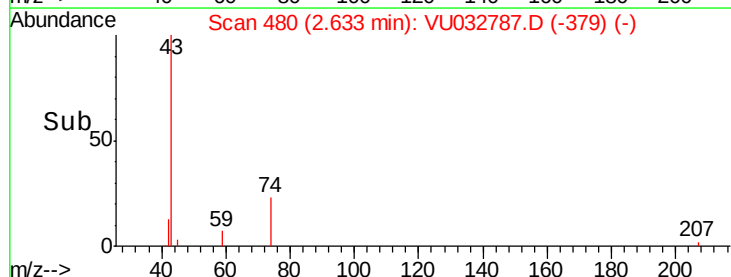
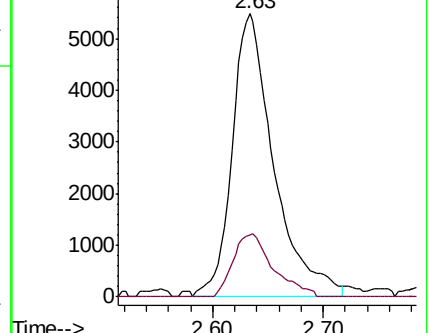
43 100

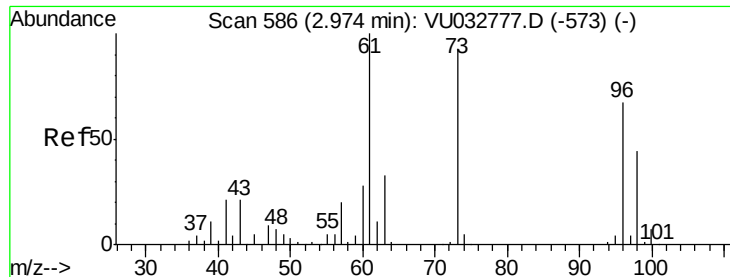
74 21.4 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VU032787.D (-480) (-)

Ion 74.00 (73.70 to 74.70): VU032787.D (-480) (-)

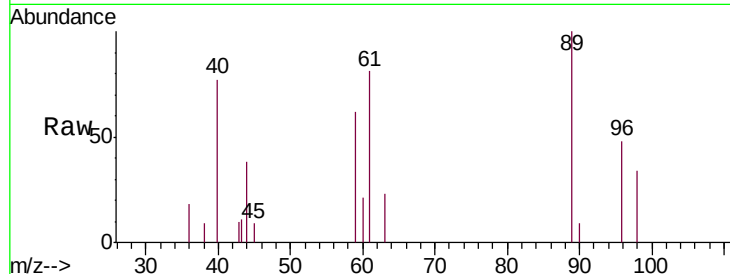




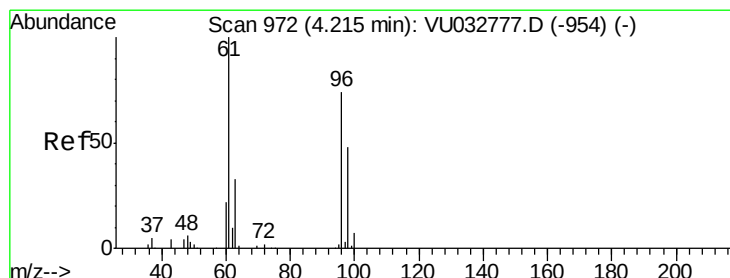
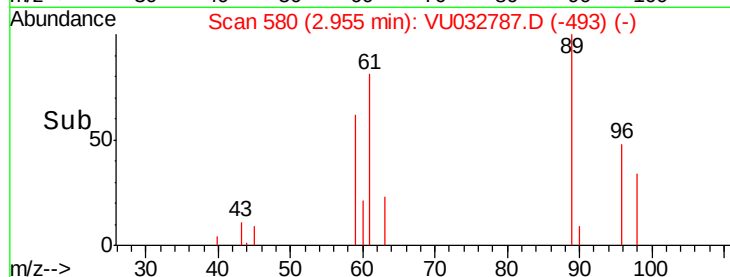
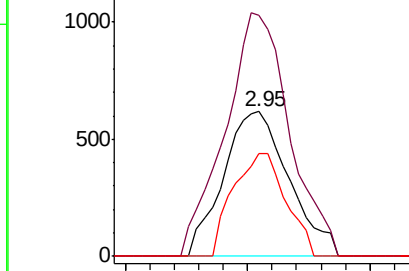
#17
 trans-1,2-Dichloroethene
 Concen: 0.720 ug/L
 RT: 2.95 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: VU032787.D
 Acq: 17 Jun 2019 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JW9ME

Tgt Ion: 96 Resp: 1157
 Ion Ratio Lower Upper
 96 100
 61 166.9 100.9 187.5
 98 70.8 44.0 81.8

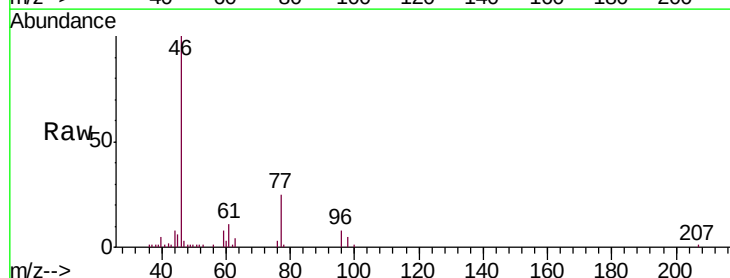


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

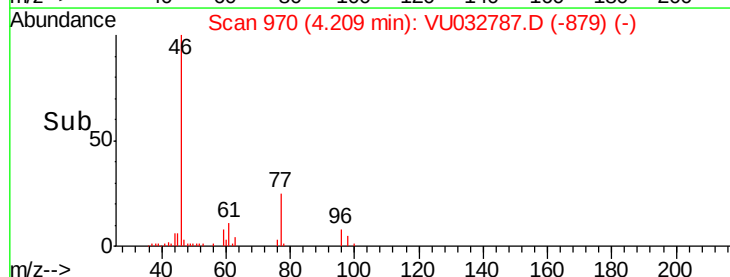
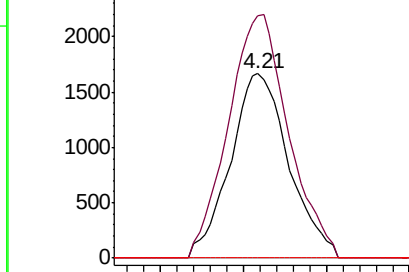


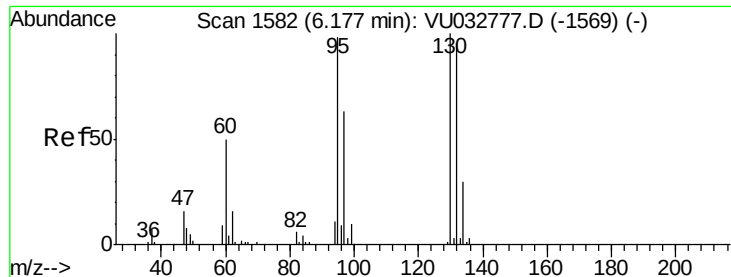
#20
 cis-1,2-Dichloroethene
 Concen: 2.328 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: VU032787.D
 Acq: 17 Jun 2019 17:04

Tgt Ion: 96 Resp: 4076
 Ion Ratio Lower Upper
 96 100
 61 131.9 92.4 171.6
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 113.161 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VU032787.D

Acq: 17 Jun 2019 17:04

Instrument :

MSVOA_U

ClientSampleId :

C0JW9ME

Tgt Ion: 95 Resp: 197758

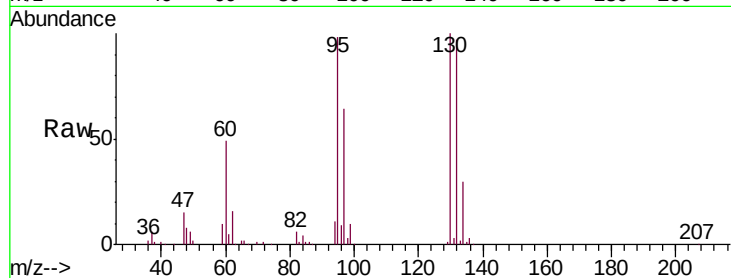
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 98.4 68.5 127.3

130 101.9 70.8 131.4

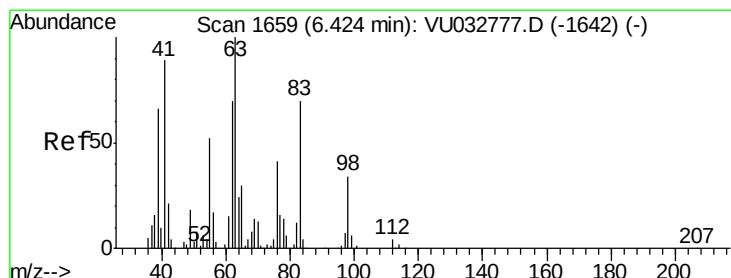
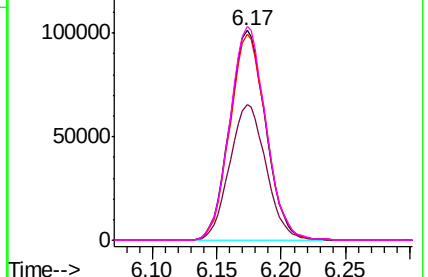
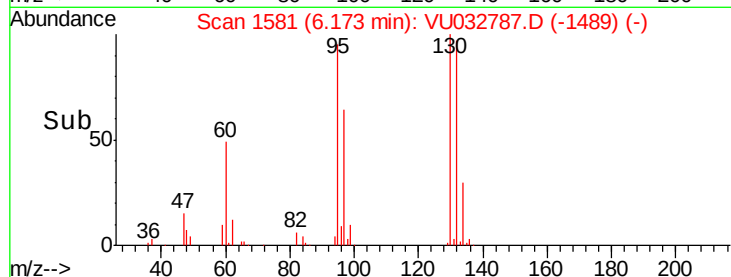


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 4.173 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU032787.D

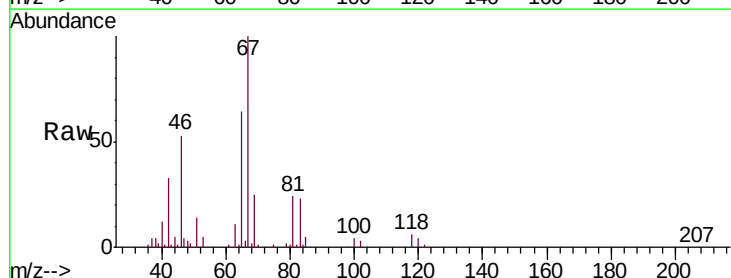
Acq: 17 Jun 2019 17:04

Tgt Ion: 63 Resp: 7487

Ion Ratio Lower Upper

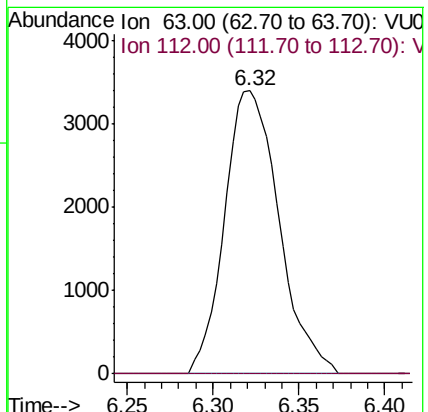
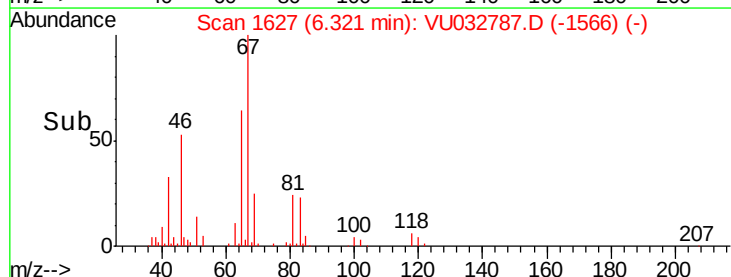
63 100

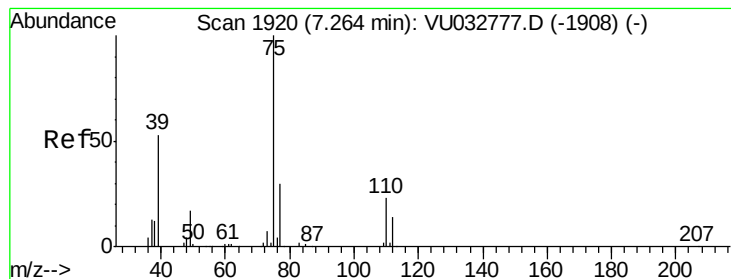
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



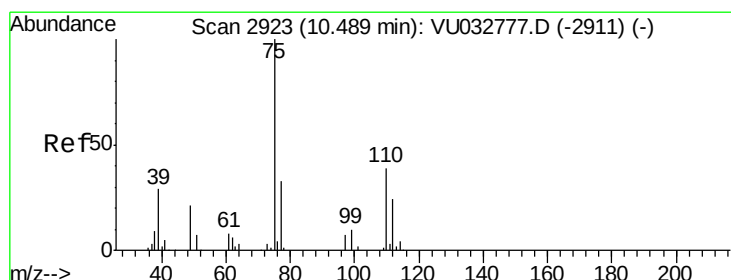
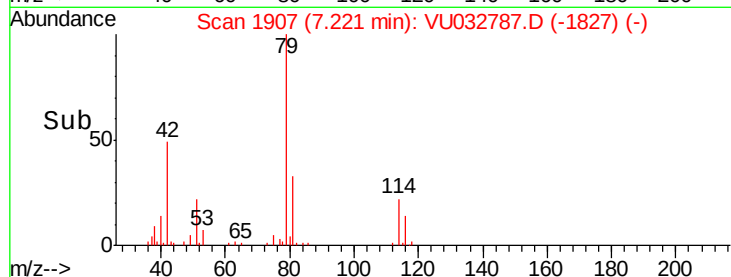
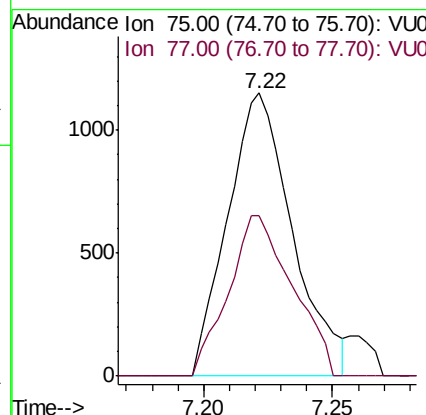
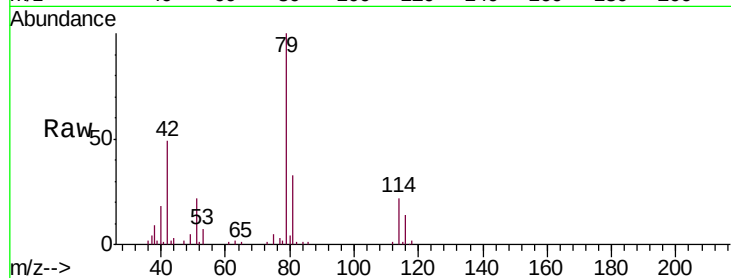


#39

cis-1,3-Dichloropropene
Concen: 0.722 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032787.D
Acq: 17 Jun 2019 17:04

Instrument :
MSVOA_U
ClientSampleId :
C0JW9ME

Tgt Ion: 75 Resp: 2017
Ion Ratio Lower Upper
75 100
77 56.7 21.9 40.7#



#59

1,2,3-Trichloropropane
Concen: 6.589 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032787.D
Acq: 17 Jun 2019 17:04

Tgt Ion: 75 Resp: 15777
Ion Ratio Lower Upper
75 100
77 36.9 25.5 38.3

