

Data File : VU032836.D
Acq On : 18 Jun 2019 20:11
Operator : JC/SP
Sample : K3224-09DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR5DL

Quant Time: Jun 19 04:39:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229159	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221899	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65851	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.10%
7) Chloroethane-d5	1.68	69	57602	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.24%
11) 1,1-Dichloroethene-d2	2.27	63	106115	33.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.26%
21) 2-Butanone-d5	4.17	46	132041	101.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	4.64	84	141379	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.30	65	98069	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.33	84	279862	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
36) 1,2-Dichloropropane-d6	6.32	67	90962	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.56	98	259988	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	7.85	79	44160	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.14%
47) 2-Hexanone-d5	8.31	63	86766	100.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	133103	46.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	106116	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%

Target Compounds

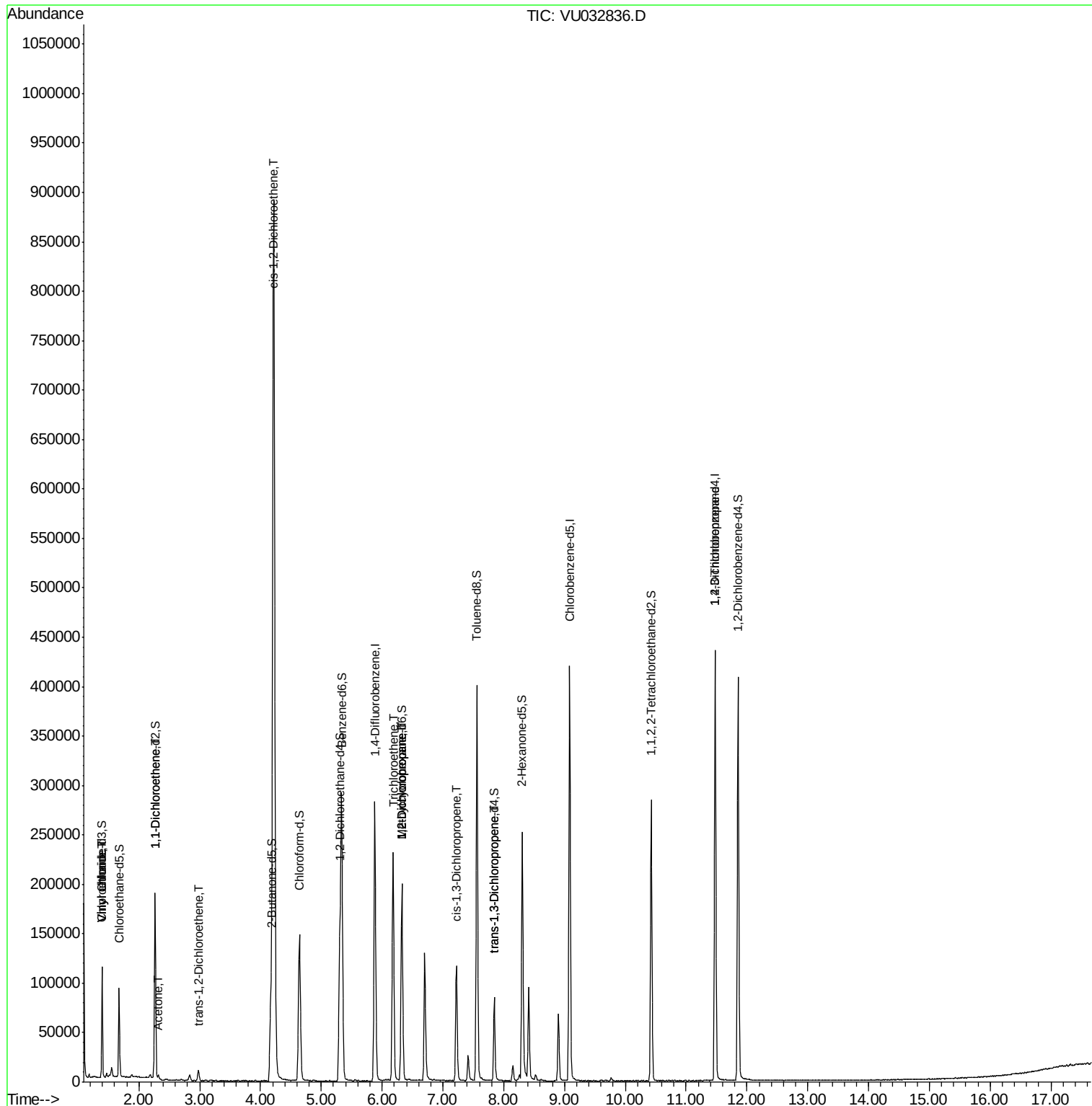
						Qvalue
5) Vinyl chloride	1.40	62	4073	1.957	ug/L #	55
8) Chloroethane	1.40	64	2252	1.880	ug/L #	38
12) 1,1-Dichloroethene	2.28	96	1510	1.046	ug/L #	1
13) Acetone	2.32	43	3612	2.006	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	4179	2.670	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	472227	276.999	ug/L	97
34) Trichloroethene	6.18	95	75241	44.054	ug/L	100
35) Methylcyclohexane	6.32	83	20386	7.722	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	10695	6.099	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3302	1.209	ug/L #	77
44) trans-1,3-Dichloropropene	7.84	75	2338	0.911	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	13980	5.974	ug/L #	85

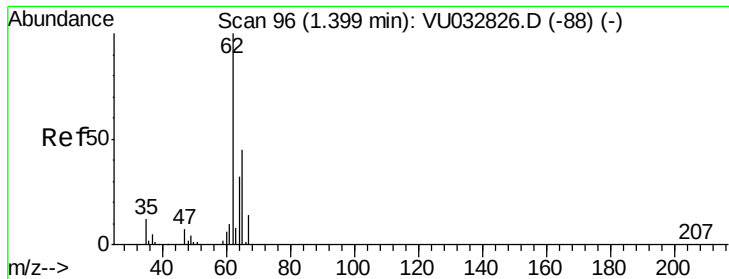
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032836.D
Acq On : 18 Jun 2019 20:11
Operator : JC/SP
Sample : K3224-09DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR5DL

Quant Time: Jun 19 04:39:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 04:35:38 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.957 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

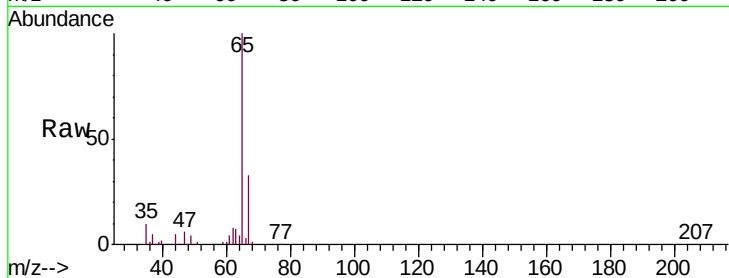
C0JR5DL

Tgt Ion: 62 Resp: 4073

Ion Ratio Lower Upper

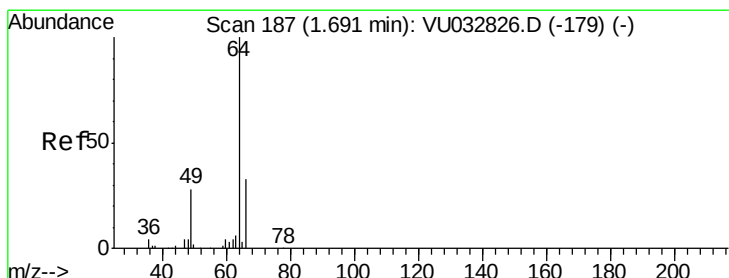
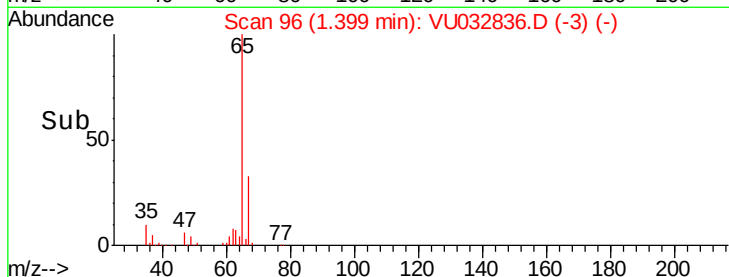
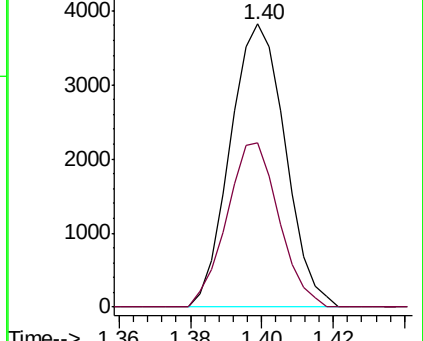
62 100

64 58.1 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU032836.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032836.D (-88) (-)



#8

Chloroethane

Concen: 1.880 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.29 min

Lab File: VU032836.D

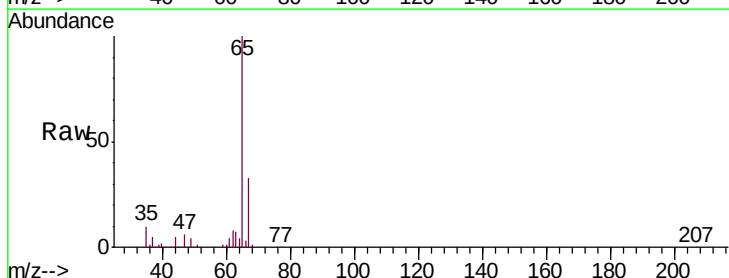
Acq: 18 Jun 2019 20:11

Tgt Ion: 64 Resp: 2252

Ion Ratio Lower Upper

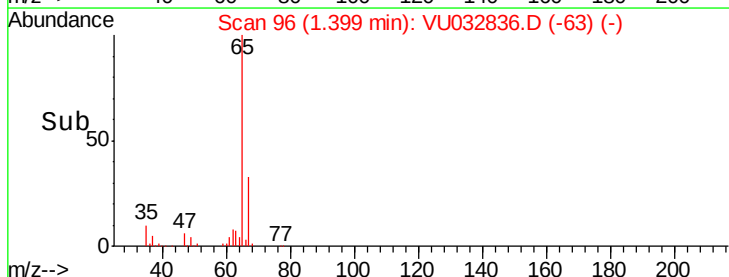
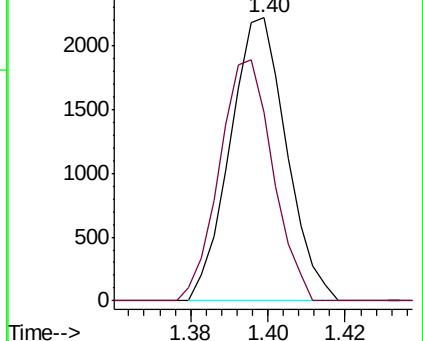
64 100

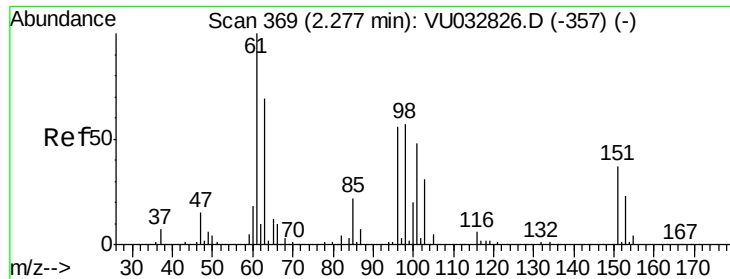
66 66.5 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU032836.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU032836.D (-179) (-)

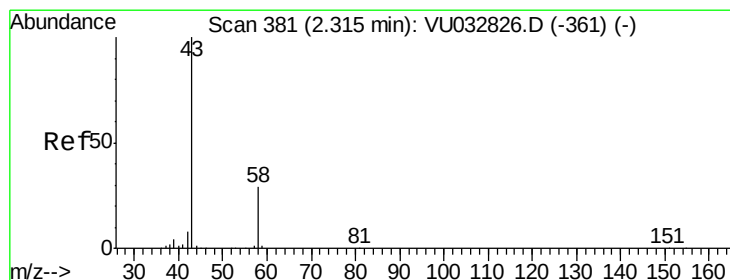
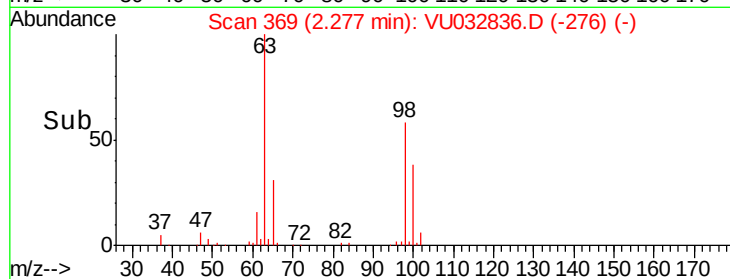
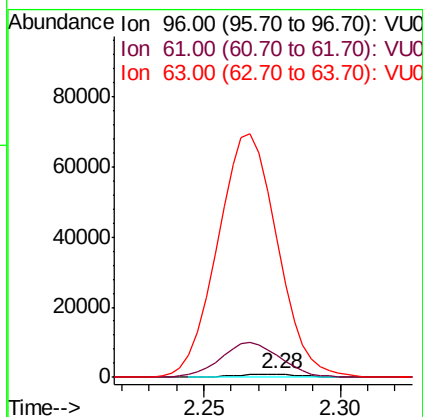
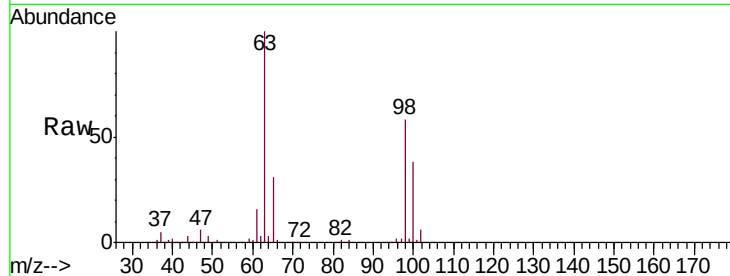




#12
 1,1-Dichloroethene
 Concen: 1.046 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VU032836.D
 Acq: 18 Jun 2019 20:11

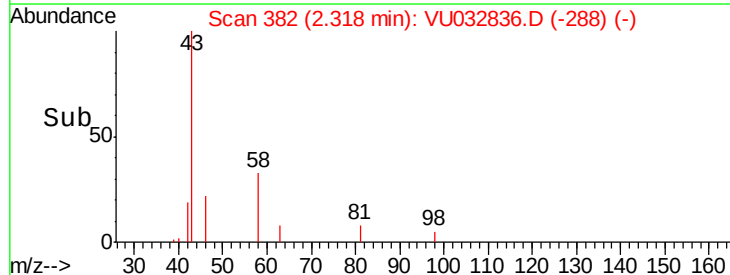
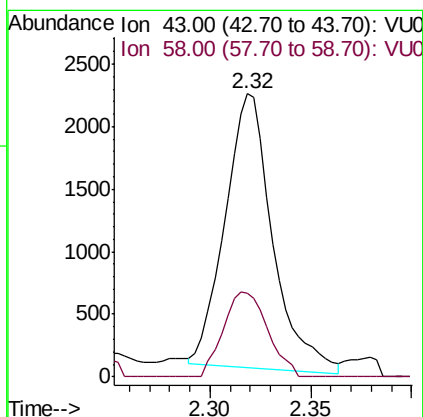
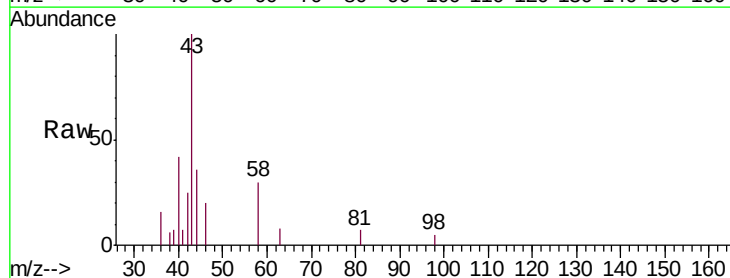
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR5DL

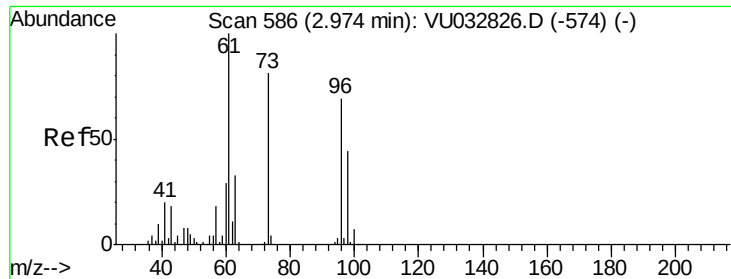
Tgt Ion: 96 Resp: 1510
 Ion Ratio Lower Upper
 96 100
 61 704.8 131.0 243.4#
 63 4504.7 101.0 187.6#



#13
 Acetone
 Concen: 2.006 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU032836.D
 Acq: 18 Jun 2019 20:11

Tgt Ion: 43 Resp: 3612
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 60.6





#17

trans-1,2-Dichloroethene

Concen: 2.670 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

C0JR5DL

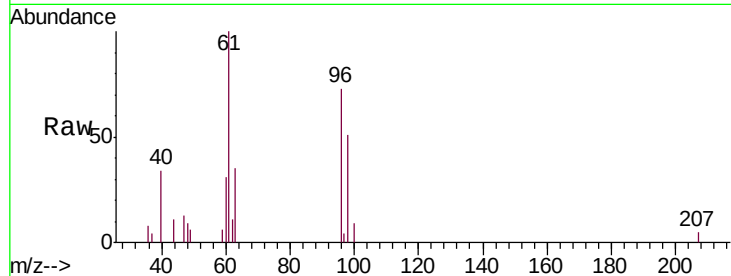
Tgt Ion: 96 Resp: 4179

Ion Ratio Lower Upper

96 100

61 137.5 100.9 187.5

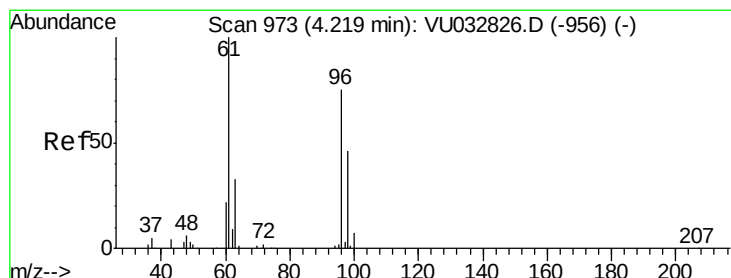
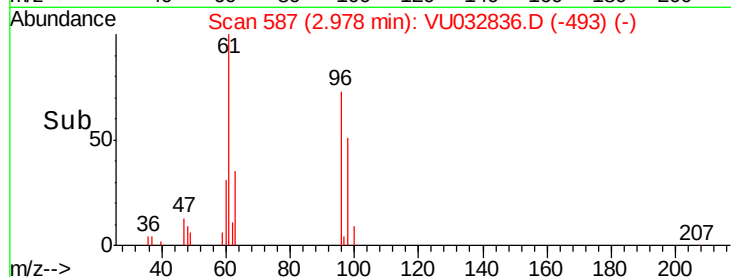
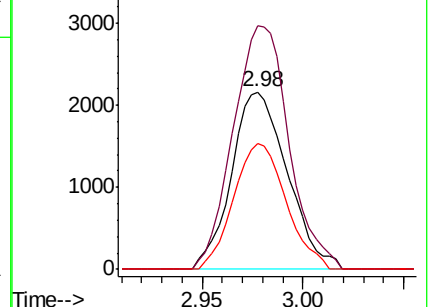
98 70.8 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU032836.D (-587) (-)

Ion 61.00 (60.70 to 61.70): VU032836.D (-587) (-)

Ion 98.00 (97.70 to 98.70): VU032836.D (-587) (-)



#20

cis-1,2-Dichloroethene

Concen: 276.999 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

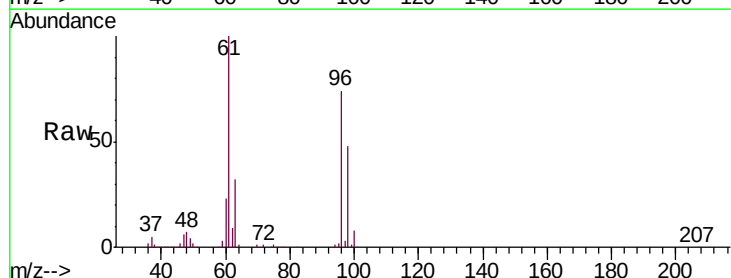
Tgt Ion: 96 Resp: 472227

Ion Ratio Lower Upper

96 100

61 135.2 92.4 171.6

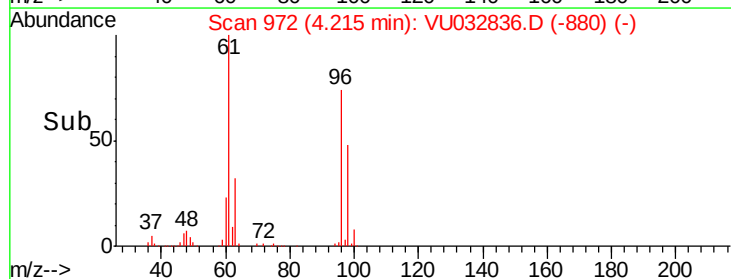
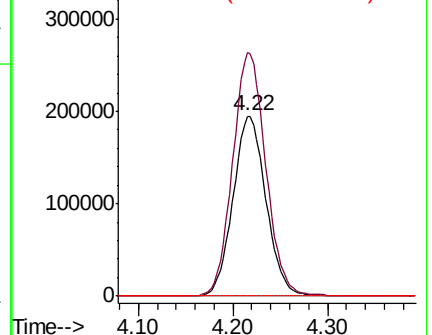
68 0.0 0.0 0.0

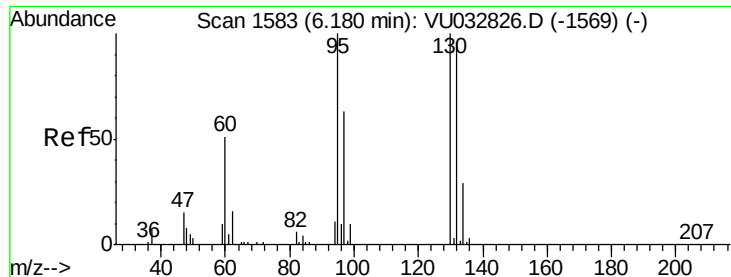


Abundance Ion 96.00 (95.70 to 96.70): VU032836.D (-972) (-)

Ion 61.00 (60.70 to 61.70): VU032836.D (-972) (-)

Ion 68.00 (67.70 to 68.70): VU032836.D (-972) (-)

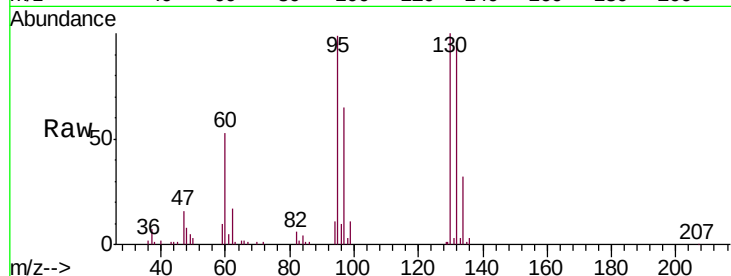




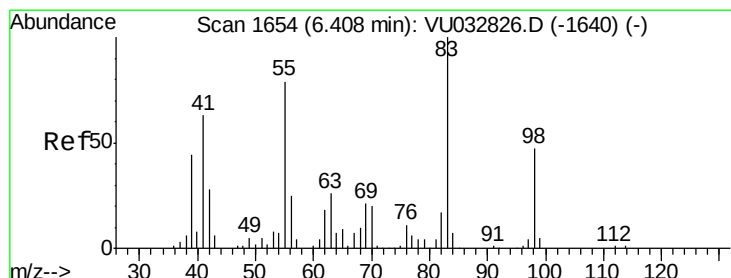
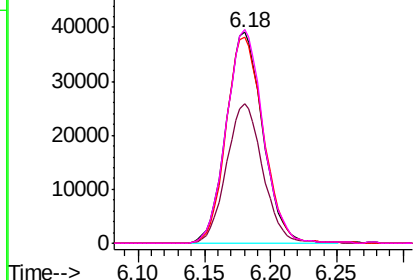
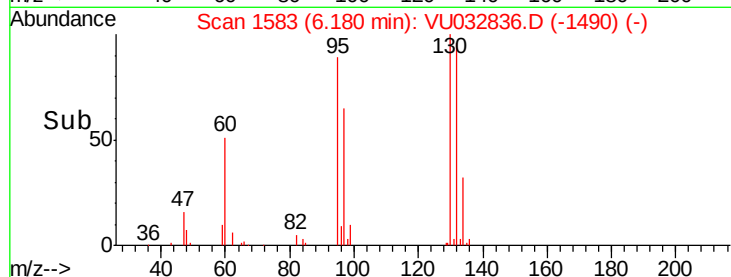
#34
 Trichloroethene
 Concen: 44.054 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU032836.D
 Acq: 18 Jun 2019 20:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR5DL

Tgt Ion: 95 Resp: 75241
 Ion Ratio Lower Upper
 95 100
 97 65.8 45.9 85.3
 132 97.6 68.5 127.3
 130 101.2 70.8 131.4

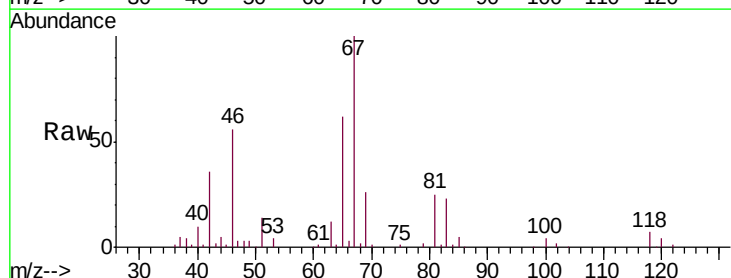


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

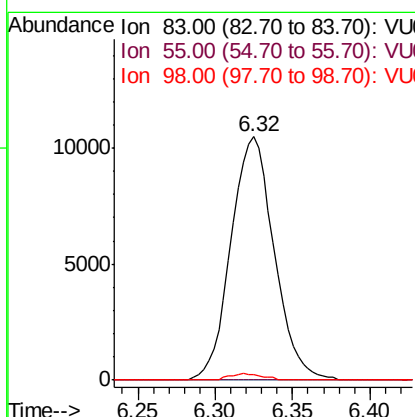
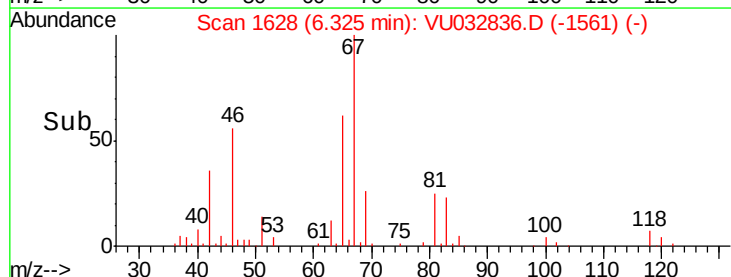


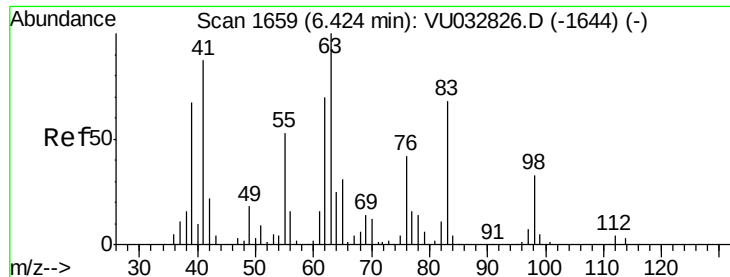
#35
 Methylcyclohexane
 Concen: 7.722 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032836.D
 Acq: 18 Jun 2019 20:11

Tgt Ion: 83 Resp: 20386
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.6 94.0#
 98 1.9 37.4 56.0#



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

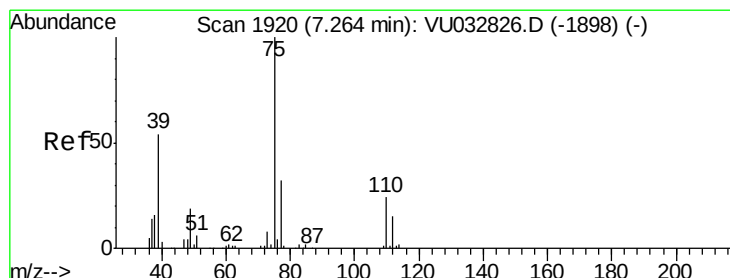
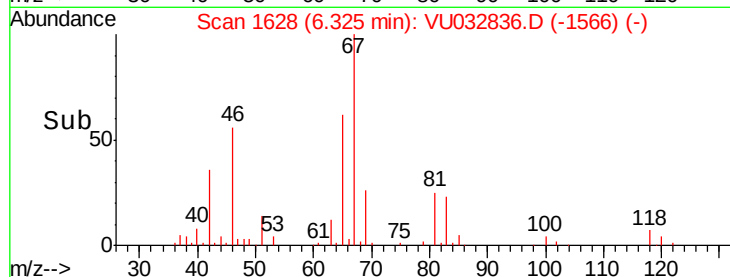
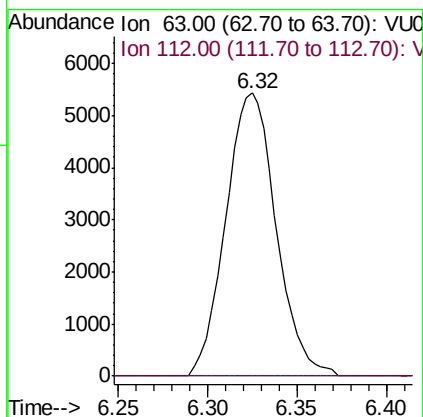
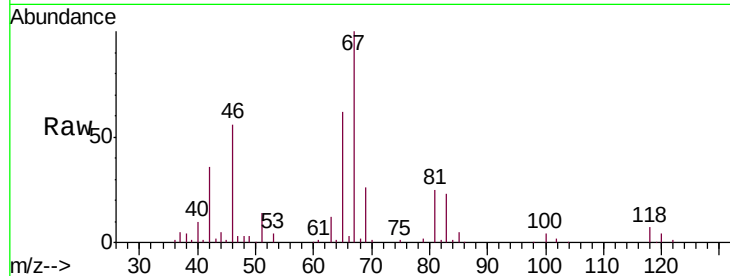




#37
 1,2-Dichloropropane
 Concen: 6.099 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032836.D
 Acq: 18 Jun 2019 20:11

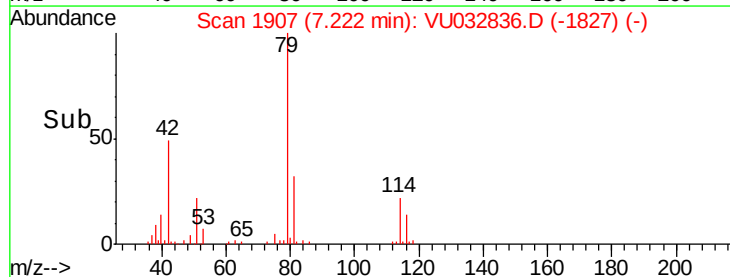
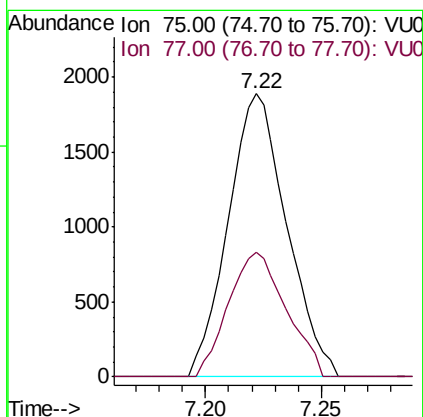
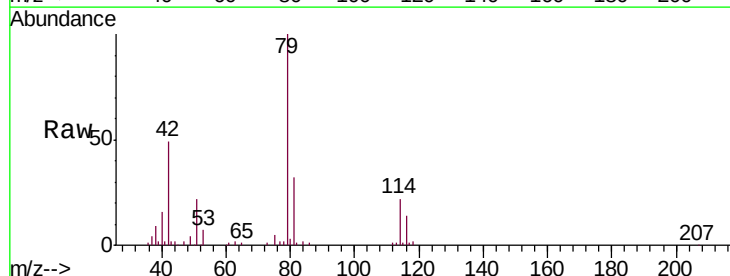
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR5DL

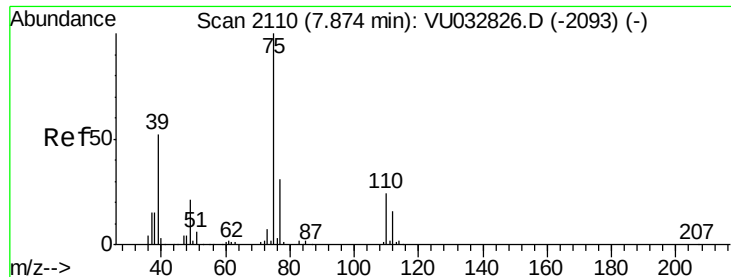
Tgt Ion: 63 Resp: 10695
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.209 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032836.D
 Acq: 18 Jun 2019 20:11

Tgt Ion: 75 Resp: 3302
 Ion Ratio Lower Upper
 75 100
 77 43.9 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.911 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032836.D

Acq: 18 Jun 2019 20:11

Instrument :

MSVOA_U

ClientSampleId :

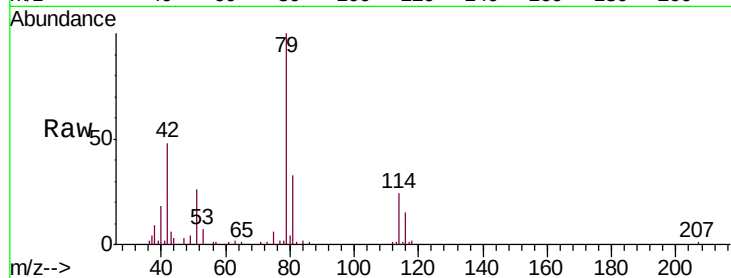
C0JR5DL

Tgt Ion: 75 Resp: 2338

Ion Ratio Lower Upper

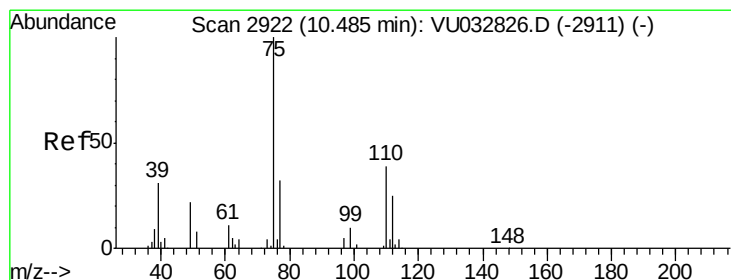
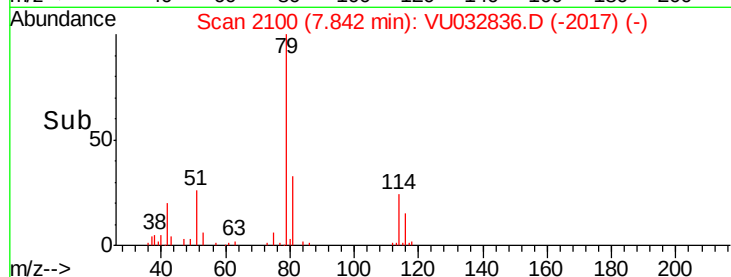
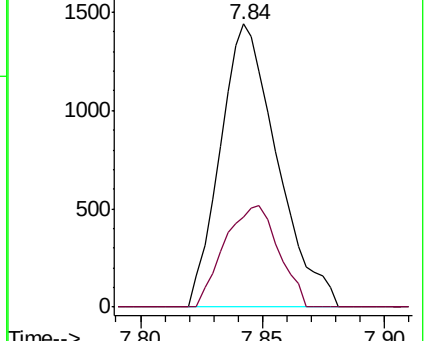
75 100

77 31.8 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.974 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032836.D

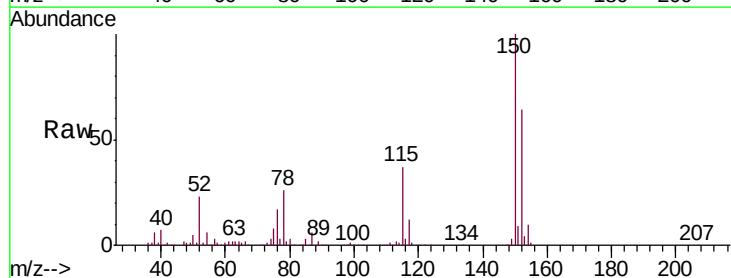
Acq: 18 Jun 2019 20:11

Tgt Ion: 75 Resp: 13980

Ion Ratio Lower Upper

75 100

77 40.5 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

