

Data File : VU032796.D
Acq On : 17 Jun 2019 20:30
Operator : JC/SP
Sample : K3324-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR7

Quant Time: Jun 18 02:45:17 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	5.88	114	229429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	223502	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111921	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60469	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.14%
7) Chloroethane-d5	1.68	69	53173	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.26	63	95225	30.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.30%
21) 2-Butanone-d5	4.17	46	144422	110.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.66%
24) Chloroform-d	4.64	84	134162	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.30	65	95091	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
32) Benzene-d6	5.33	84	261636	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
36) 1,2-Dichloropropane-d6	6.32	67	87769	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.58%
41) Toluene-d8	7.56	98	238098	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	7.84	79	42160	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.34%
47) 2-Hexanone-d5	8.31	63	108732	125.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.46%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	133008	46.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	101950	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

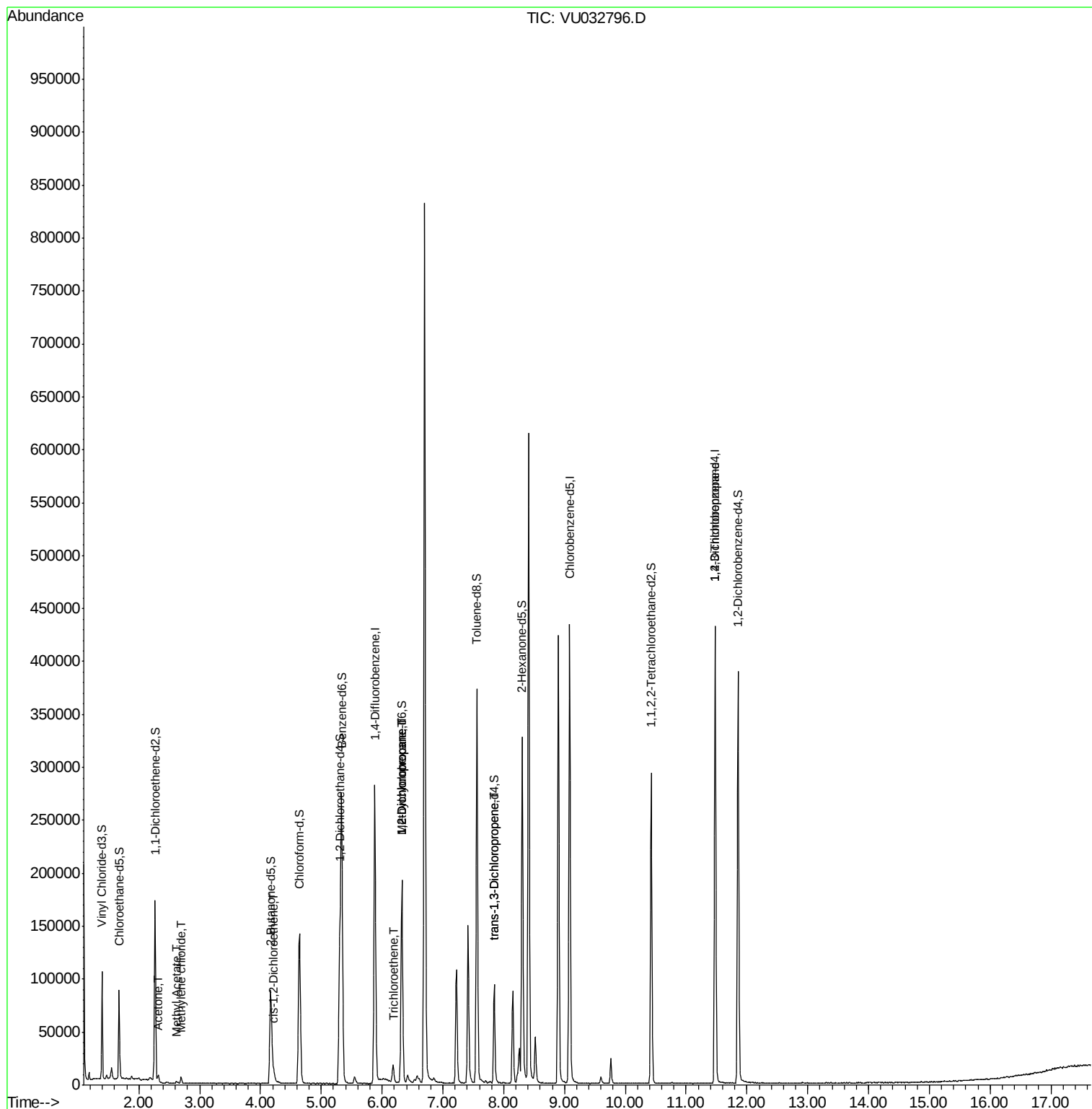
					Qvalue
13) Acetone	2.32	43	5791	3.213 ug/L	100
15) Methyl Acetate	2.62	43	2163	1.059 ug/L #	87
16) Methylene chloride	2.69	84	2320	1.368 ug/L	87
20) cis-1,2-Dichloroethene	4.22	96	2780	1.629 ug/L	96
34) Trichloroethene	6.18	95	5467	3.178 ug/L	94
35) Methylcyclohexane	6.32	83	20132	7.571 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10426	5.903 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	2051	0.794 ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	13835	5.870 ug/L #	85

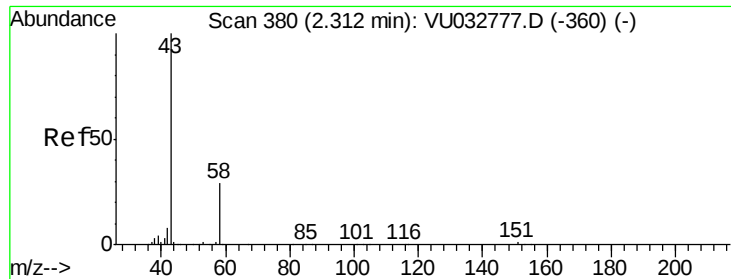
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.213 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU032796.D

Acq: 17 Jun 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

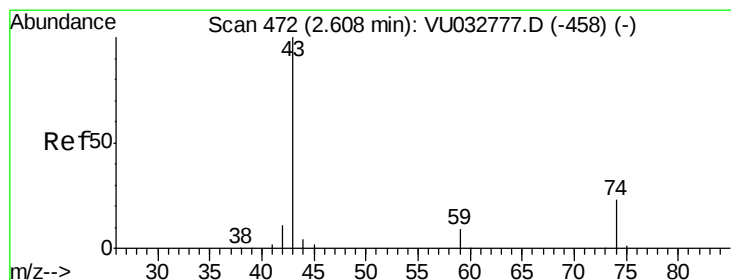
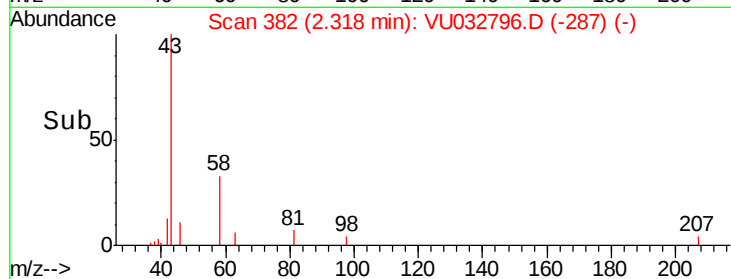
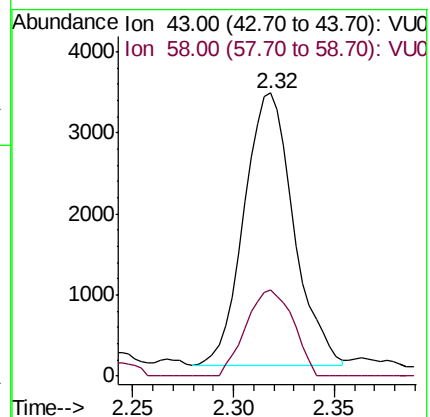
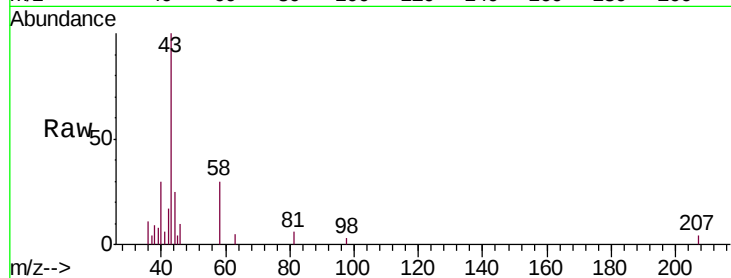
C0JR7

Tgt Ion: 43 Resp: 5791

Ion Ratio Lower Upper

43 100

58 30.1 0.0 60.6



#15

Methyl Acetate

Concen: 1.059 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032796.D

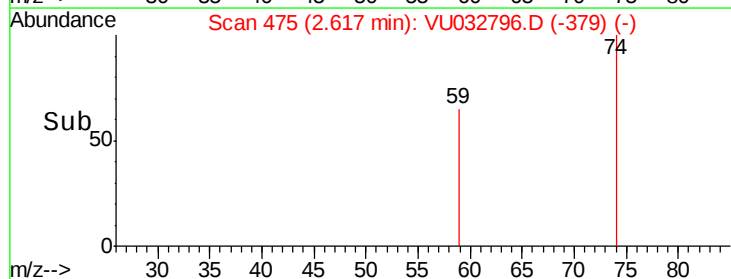
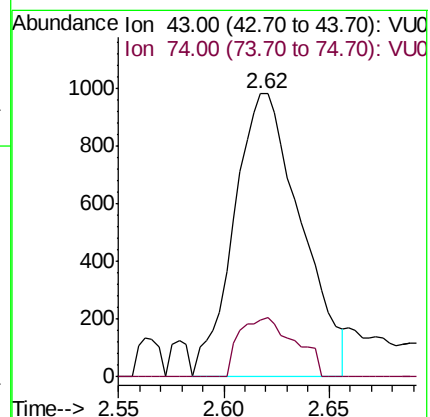
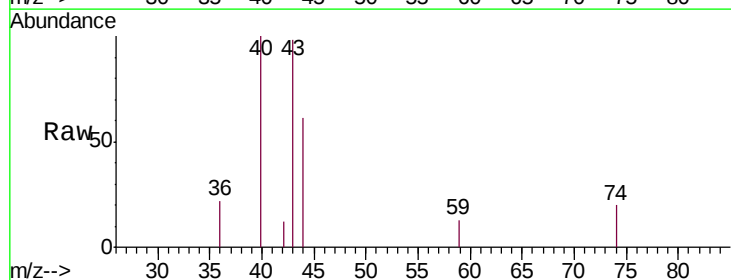
Acq: 17 Jun 2019 20:30

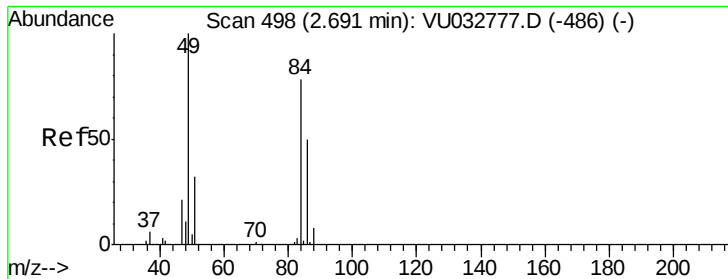
Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

43 100

74 16.4 18.1 27.1#

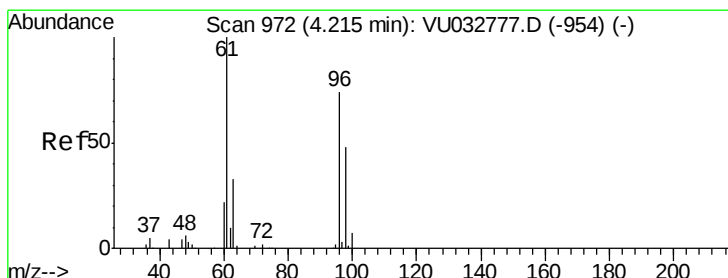
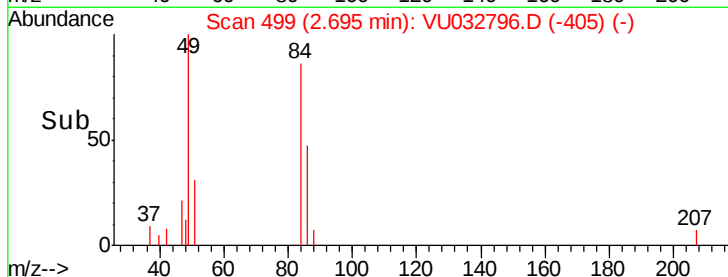
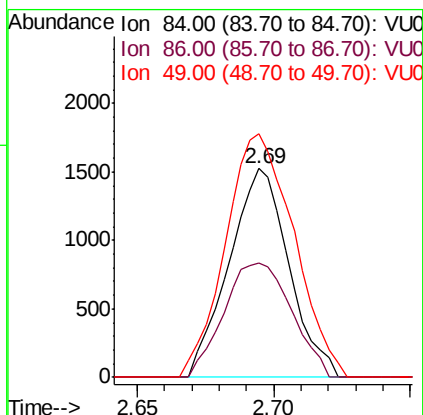
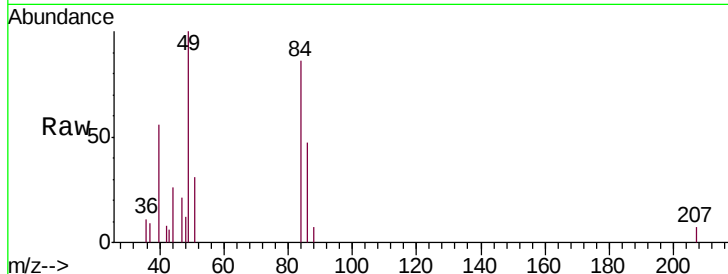




#16
Methylene chloride
Concen: 1.368 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032796.D
Acq: 17 Jun 2019 20:30

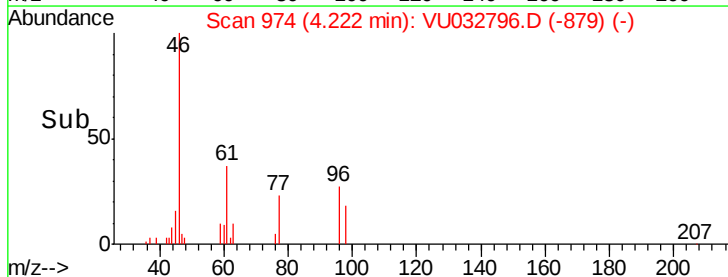
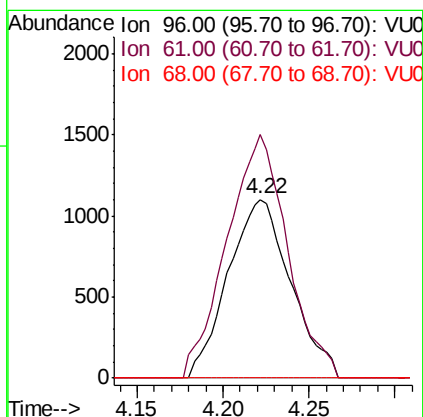
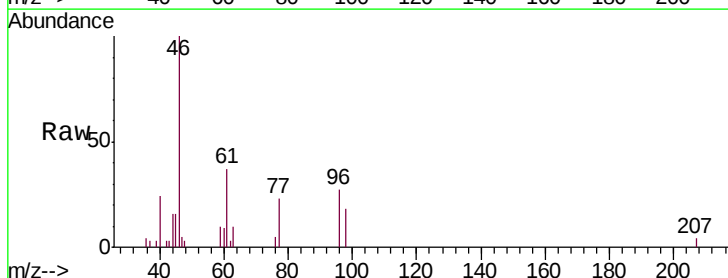
Instrument :
MSVOA_U
ClientSampleId :
C0JR7

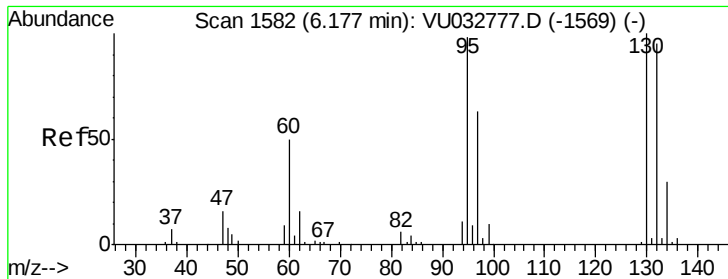
Tgt Ion: 84 Resp: 2320
Ion Ratio Lower Upper
84 100
86 54.5 45.5 84.5
49 116.5 92.1 171.1



#20
cis-1,2-Dichloroethene
Concen: 1.629 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032796.D
Acq: 17 Jun 2019 20:30

Tgt Ion: 96 Resp: 2780
Ion Ratio Lower Upper
96 100
61 136.2 92.4 171.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 3.178 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032796.D

Acq: 17 Jun 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

C0JR7

Tgt Ion: 95 Resp: 5467

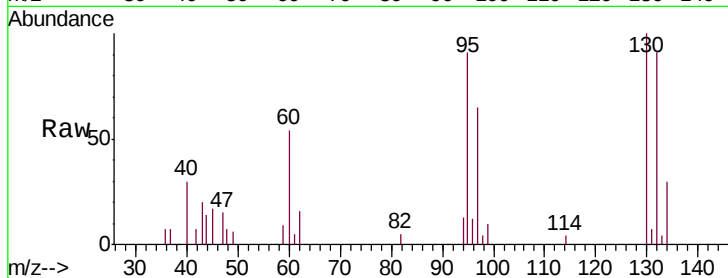
Ion Ratio Lower Upper

95 100

97 71.6 45.9 85.3

132 99.5 68.5 127.3

130 109.4 70.8 131.4



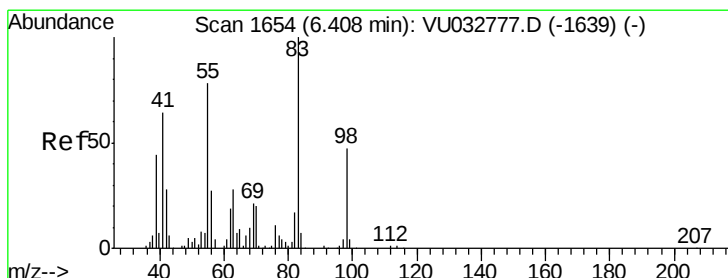
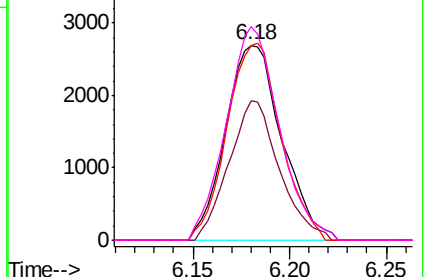
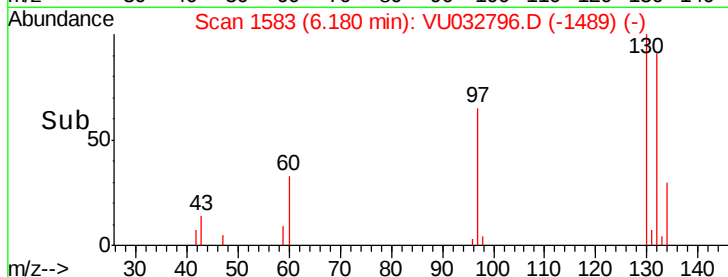
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#35

Methylcyclohexane

Concen: 7.571 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.09 min

Lab File: VU032796.D

Acq: 17 Jun 2019 20:30

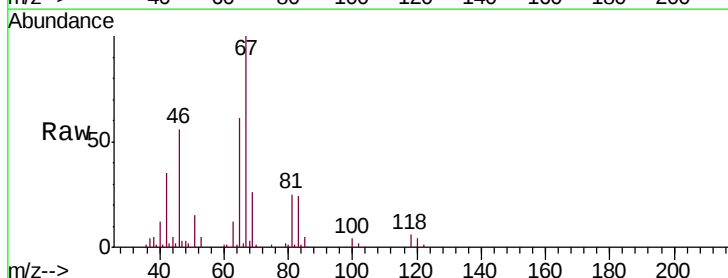
Tgt Ion: 83 Resp: 20132

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.5 37.4 56.0#

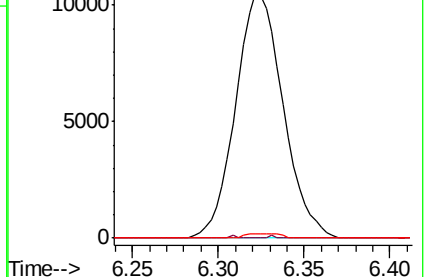
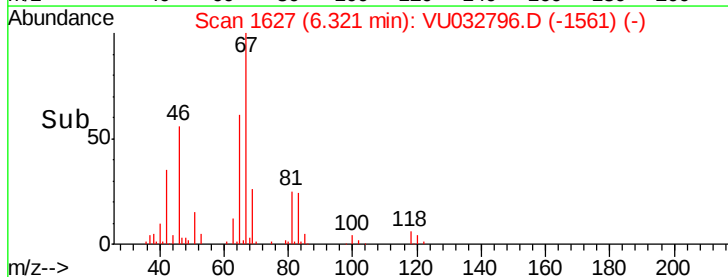


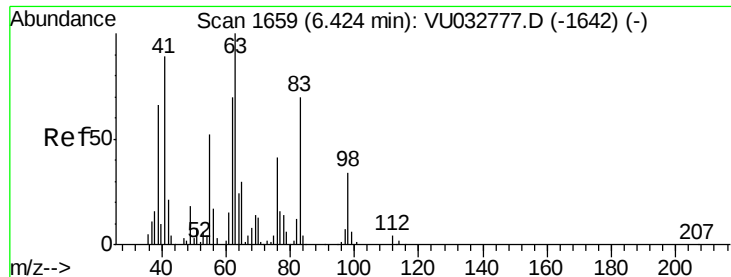
Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

Time-->





#37

1,2-Dichloropropane

Concen: 5.903 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU032796.D

Acq: 17 Jun 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

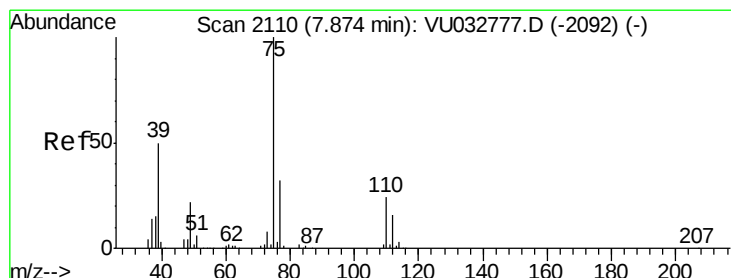
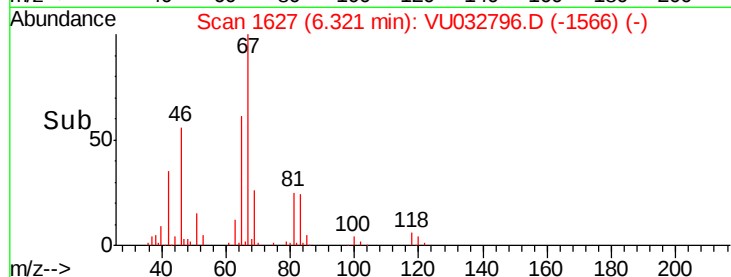
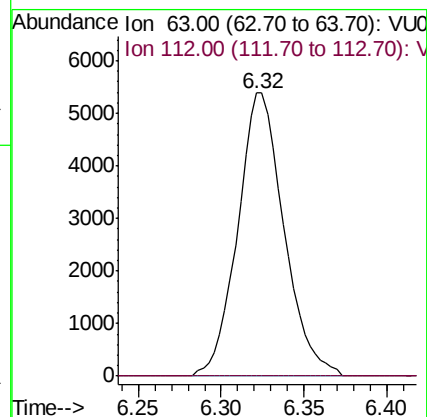
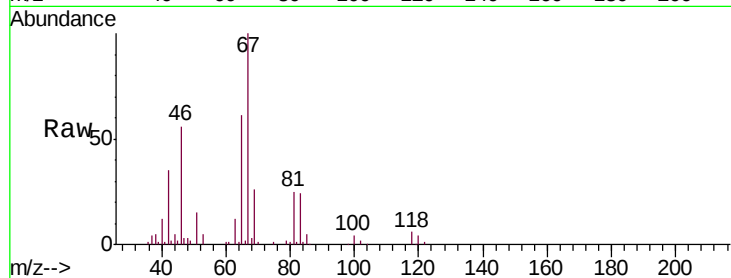
C0JR7

Tgt Ion: 63 Resp: 10426

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#44

trans-1,3-Dichloropropene

Concen: 0.794 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032796.D

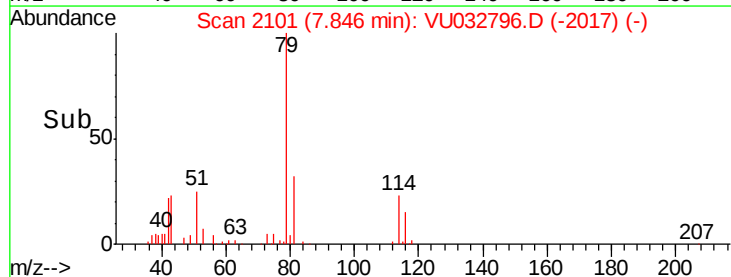
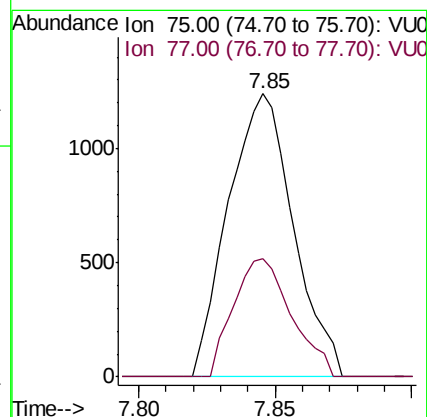
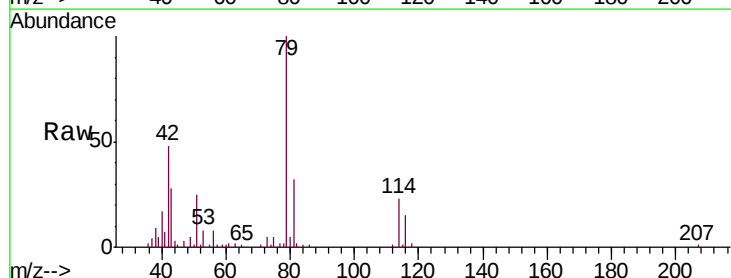
Acq: 17 Jun 2019 20:30

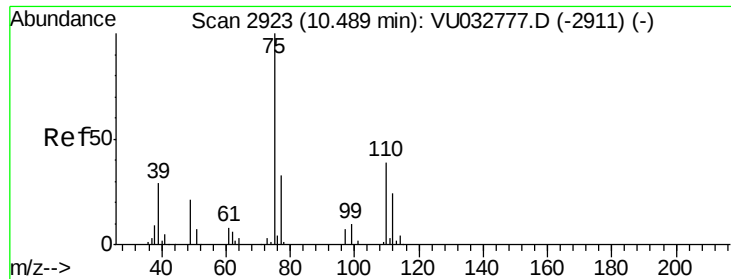
Tgt Ion: 75 Resp: 2051

Ion Ratio Lower Upper

75 100

77 41.8 21.8 40.4#





#59

1,2,3-Trichloropropane

Concen: 5.870 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032796.D

Acq: 17 Jun 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

C0JR7

Tgt Ion: 75 Resp: 13835

Ion Ratio Lower Upper

75 100

77 40.2 25.5 38.3#

