

Data File : VU032795.D
Acq On : 17 Jun 2019 20:07
Operator : JC/SP
Sample : K3324-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR6

Quant Time: Jun 18 02:45:06 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	227536	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221768	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111572	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60505	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.82%
7) Chloroethane-d5	1.68	69	53241	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.86%
11) 1,1-Dichloroethene-d2	2.27	63	96499	30.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.60%
21) 2-Butanone-d5	4.17	46	140557	108.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	4.64	84	134241	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.30	65	93442	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
32) Benzene-d6	5.33	84	258572	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
36) 1,2-Dichloropropane-d6	6.32	67	85883	46.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.26%
41) Toluene-d8	7.56	98	236243	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	7.84	79	41164	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.94%
47) 2-Hexanone-d5	8.31	63	102416	119.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.10%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	131558	46.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	102184	47.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.66%

Target Compounds

					Qvalue	
8) Chloroethane	1.40	64	931	0.783	ug/L #	1
13) Acetone	2.32	43	6124	3.426	ug/L	93
15) Methyl Acetate	2.62	43	2438	1.203	ug/L	92
16) Methylene chloride	2.69	84	2191	1.303	ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	7751	4.579	ug/L	92
27) 1,2-Dichloroethane	5.33	62	1632	0.650	ug/L #	77
34) Trichloroethene	6.18	95	12268	7.187	ug/L	95
35) Methylcyclohexane	6.32	83	20465	7.756	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	10024	5.720	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2911	1.066	ug/L #	76
40) 4-Methyl-2-pentanone	7.41	43	53569	19.147	ug/L #	53
42) Toluene	7.63	91	2964	0.429	ug/L	91
44) trans-1,3-Dichloropropene	7.84	75	2071	0.808	ug/L	84
48) 2-Hexanone	8.41	43	77653	31.457	ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	14230	6.085	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061719\
Quantitation Report (Not Reviewed)

Data File : VU032795.D
Acq On : 17 Jun 2019 20:07
Operator : JC/SP
Sample : K3324-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR6

Quant Time: Jun 18 02:45:06 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

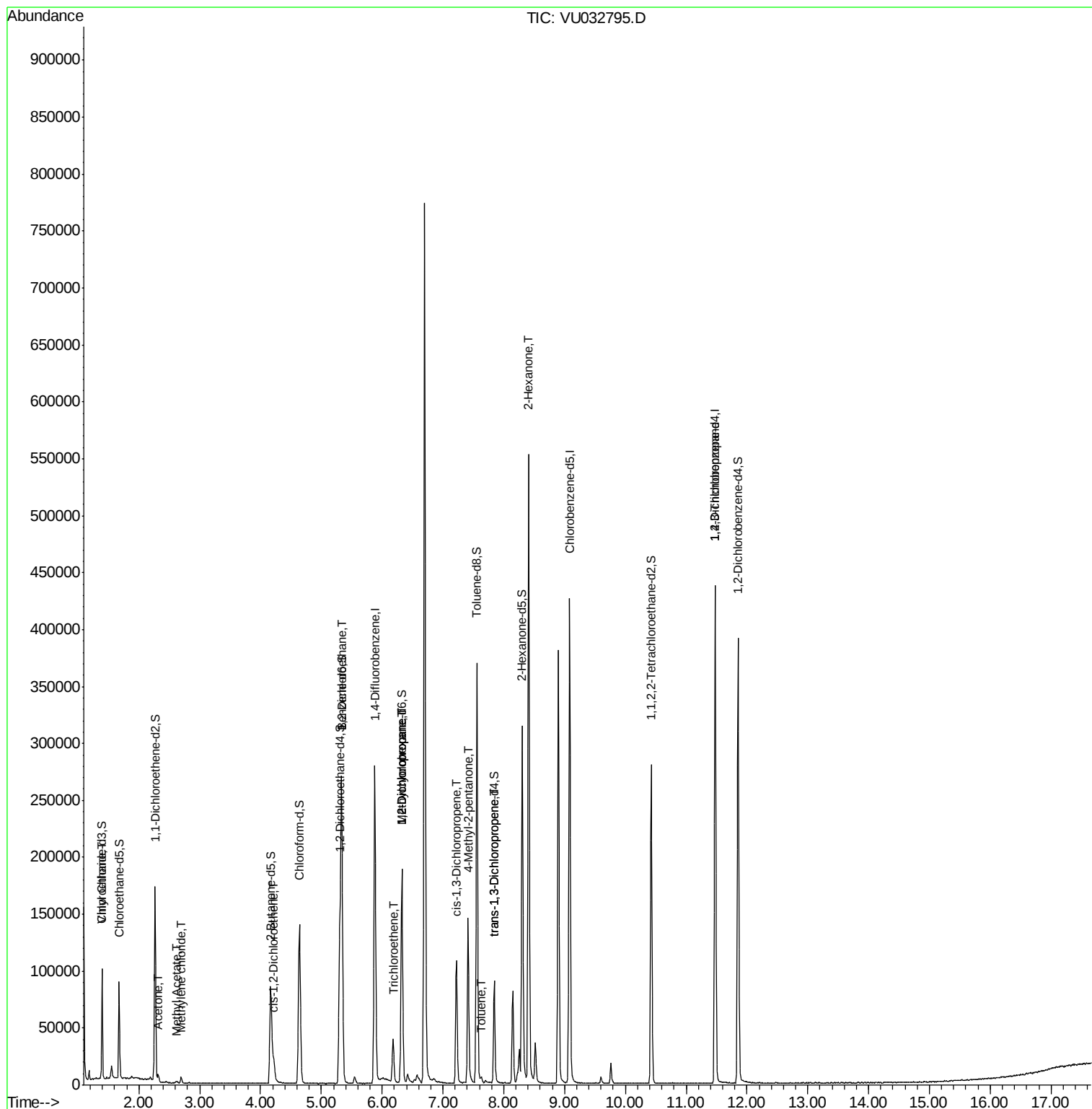
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

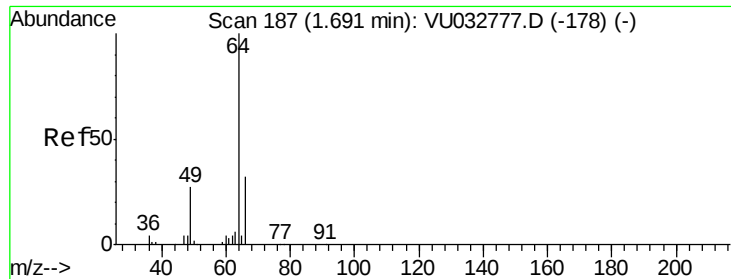
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data File : VU032795.D
Acq On : 17 Jun 2019 20:07
Operator : JC/SP
Sample : K3324-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR6

Quant Time: Jun 18 02:45:06 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





#8

Chloroethane

Concen: 0.783 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

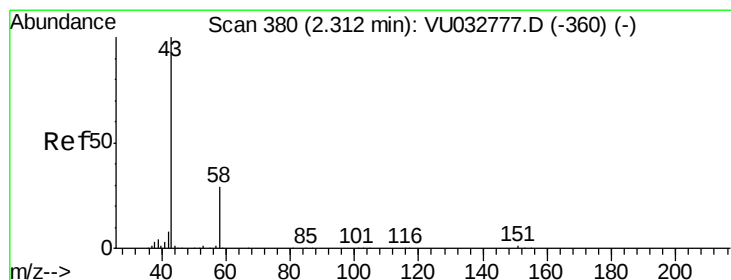
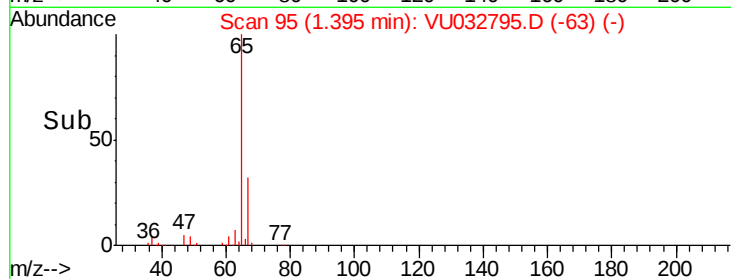
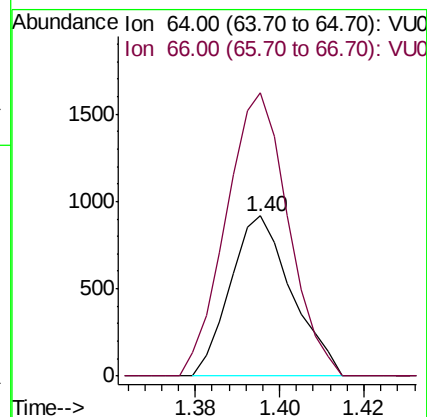
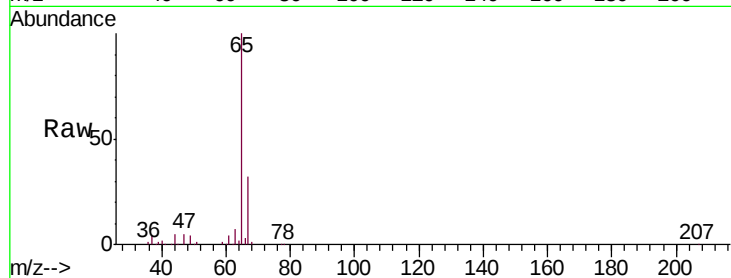
C0JR6

Tgt Ion: 64 Resp: 931

Ion Ratio Lower Upper

64 100

66 176.5 22.5 41.7#



#13

Acetone

Concen: 3.426 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032795.D

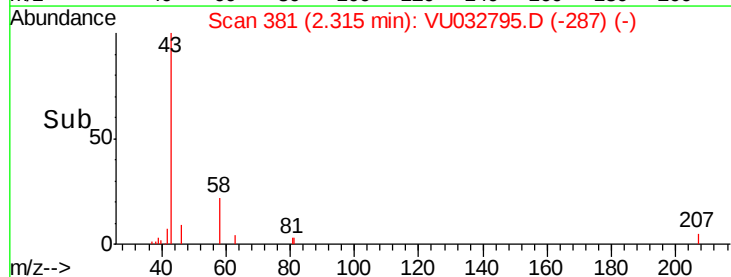
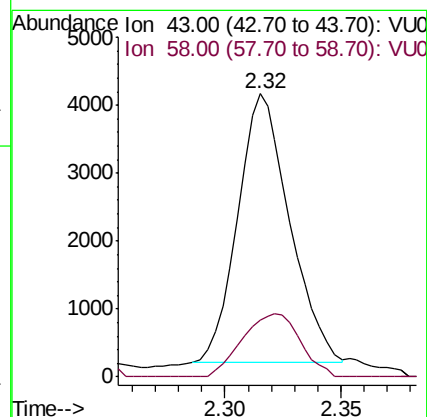
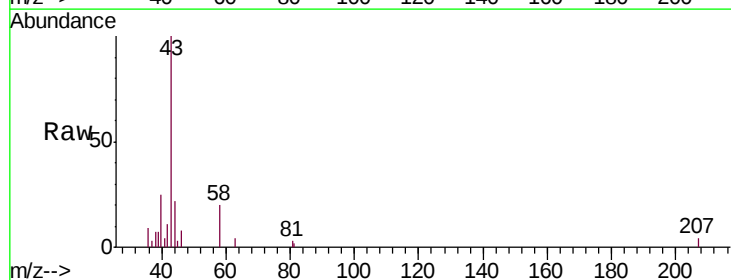
Acq: 17 Jun 2019 20:07

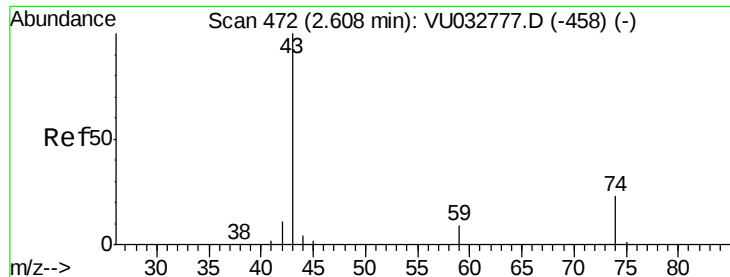
Tgt Ion: 43 Resp: 6124

Ion Ratio Lower Upper

43 100

58 26.5 0.0 60.6





#15

Methyl Acetate

Concen: 1.203 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

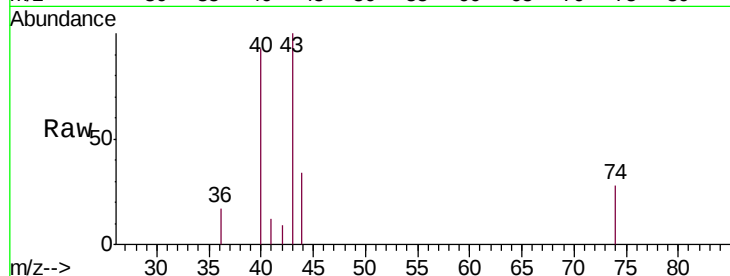
C0JR6

Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

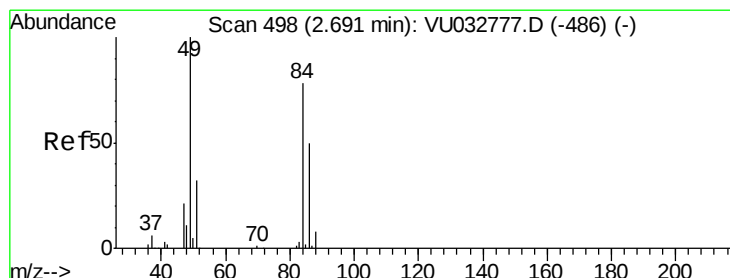
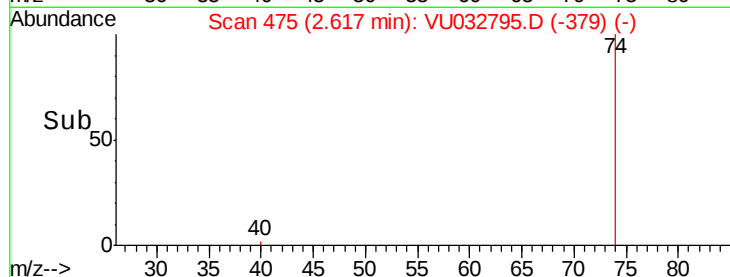
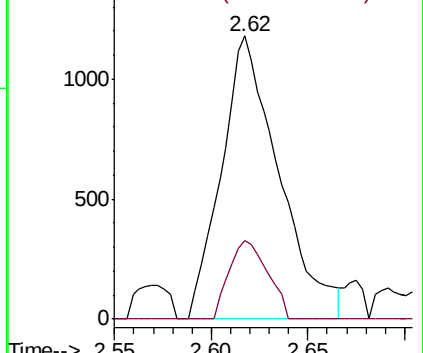
43 100

74 18.7 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#16

Methylene chloride

Concen: 1.303 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

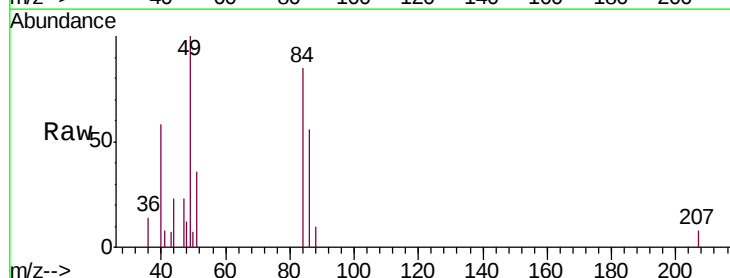
Tgt Ion: 84 Resp: 2191

Ion Ratio Lower Upper

84 100

86 65.6 45.5 84.5

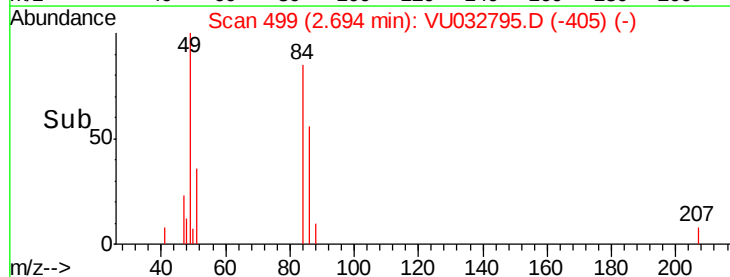
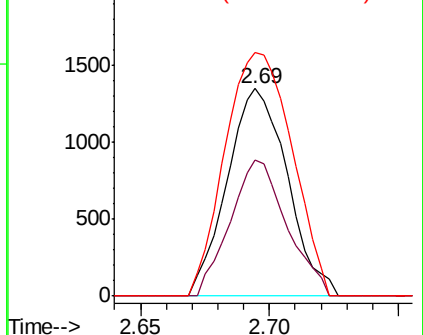
49 117.5 92.1 171.1

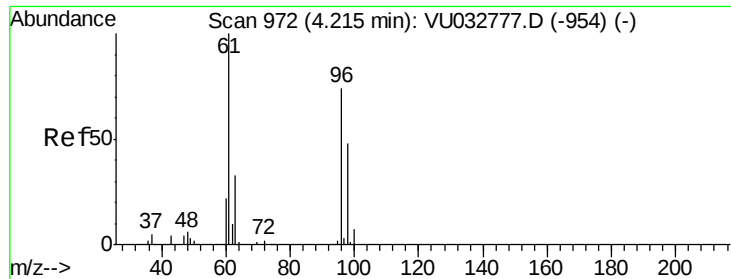


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

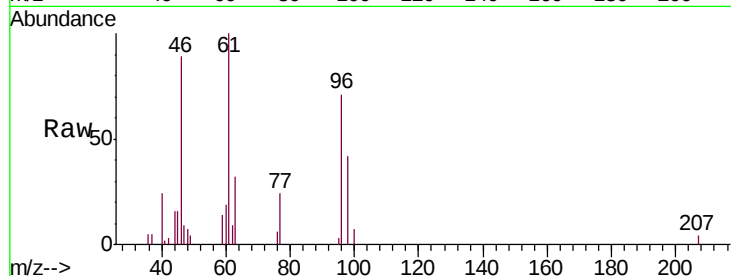




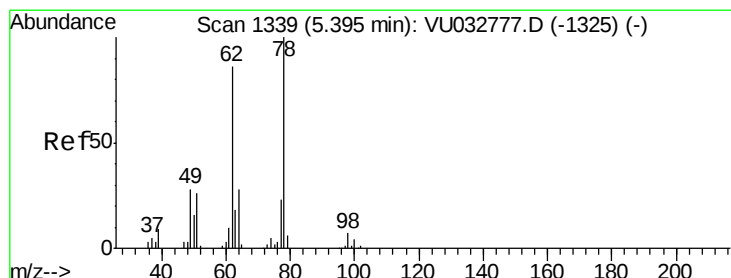
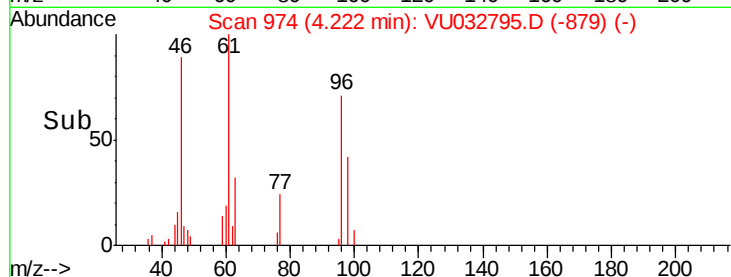
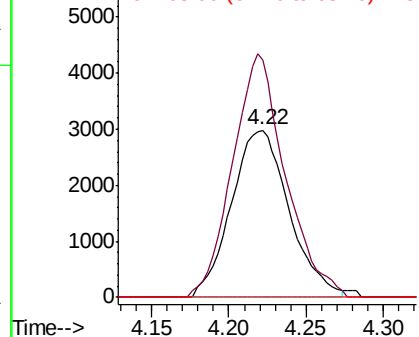
#20
 cis-1,2-Dichloroethene
 Concen: 4.579 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: VU032795.D
 Acq: 17 Jun 2019 20:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR6

Tgt Ion: 96 Resp: 7751
 Ion Ratio Lower Upper
 96 100
 61 141.5 92.4 171.6
 68 0.0 0.0 0.0

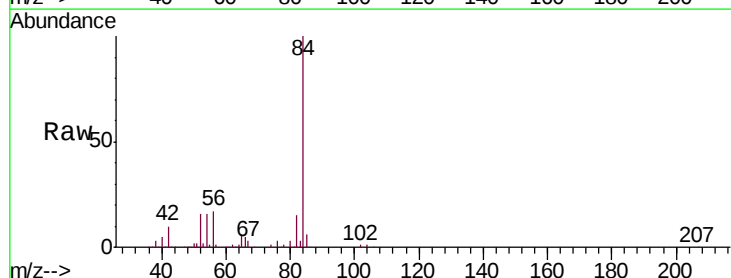


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

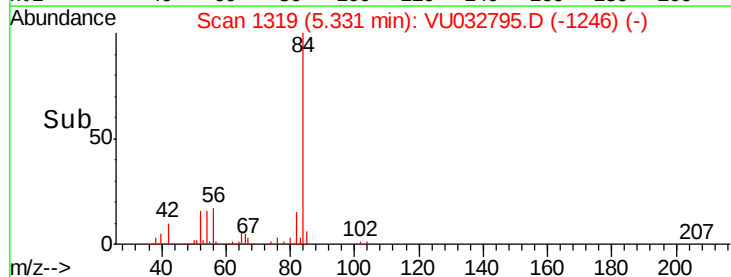
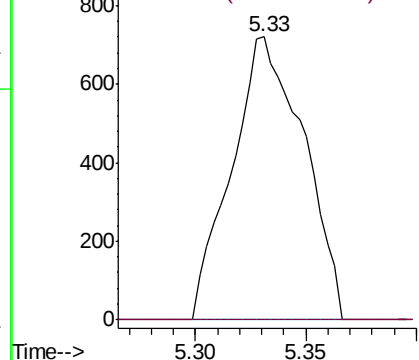


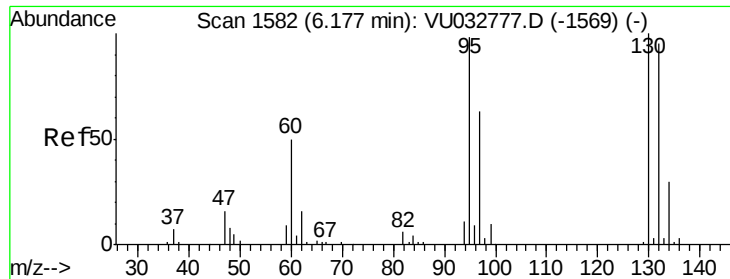
#27
 1,2-Dichloroethane
 Concen: 0.650 ug/L
 RT: 5.33 min Scan# 1319
 Delta R.T. -0.06 min
 Lab File: VU032795.D
 Acq: 17 Jun 2019 20:07

Tgt Ion: 62 Resp: 1632
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





#34

Trichloroethene

Concen: 7.187 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

C0JR6

Tgt Ion: 95 Resp: 12268

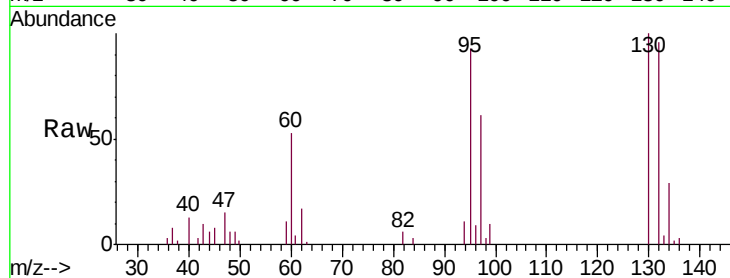
Ion Ratio Lower Upper

95 100

97 66.1 45.9 85.3

132 103.8 68.5 127.3

130 107.6 70.8 131.4

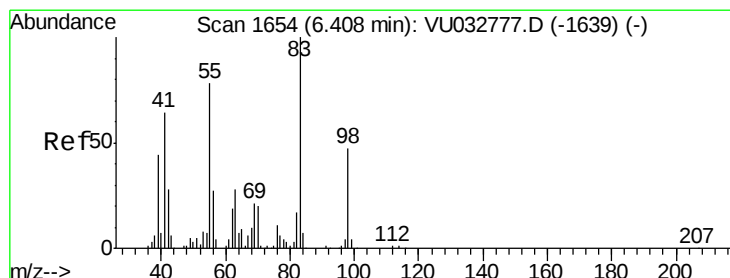
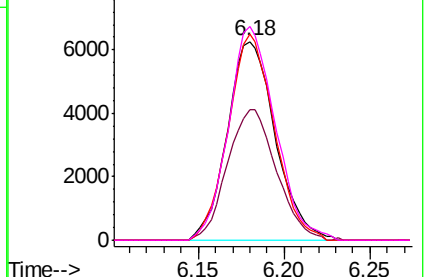
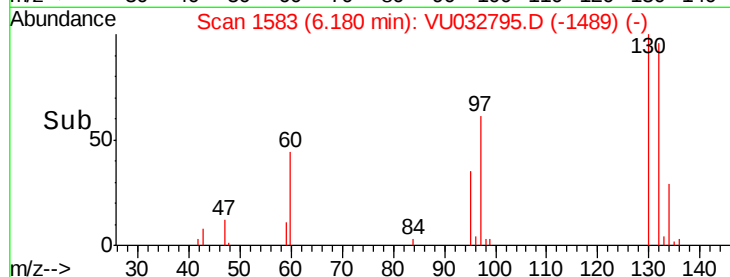


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.756 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

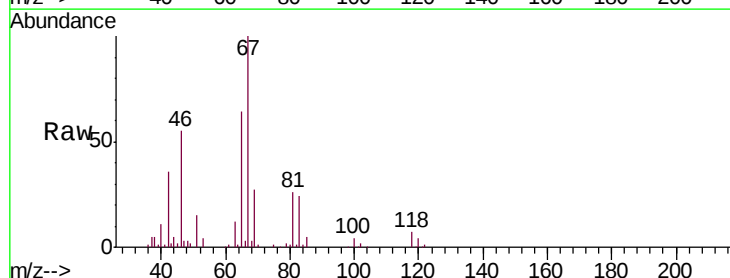
Tgt Ion: 83 Resp: 20465

Ion Ratio Lower Upper

83 100

55 0.8 62.6 94.0#

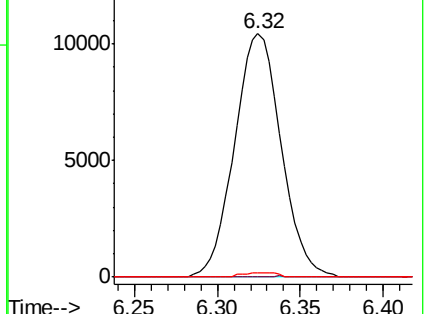
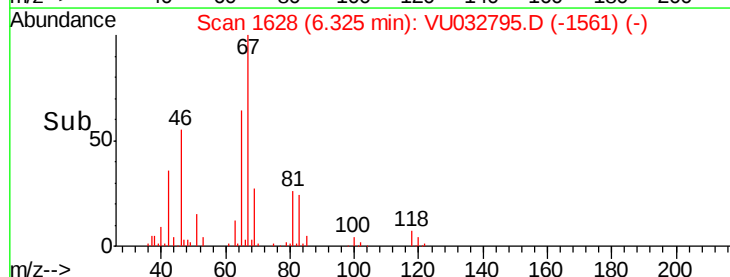
98 0.3 37.4 56.0#

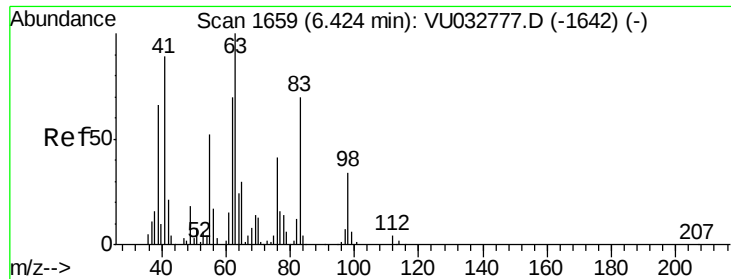


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

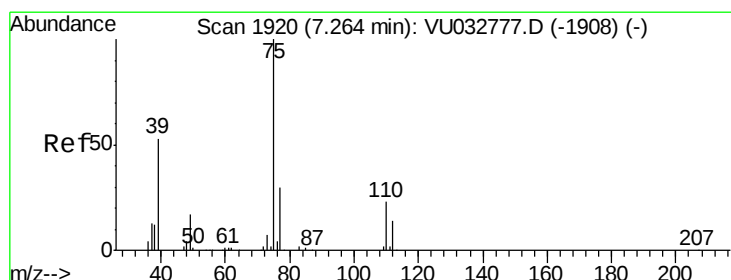
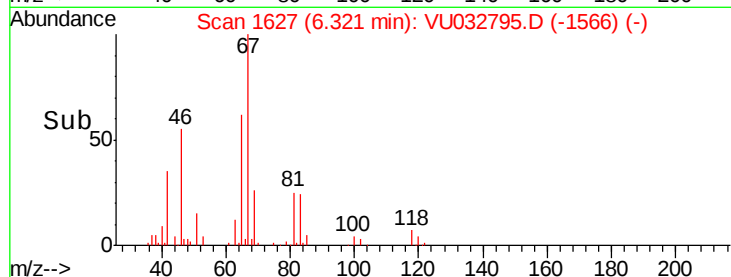
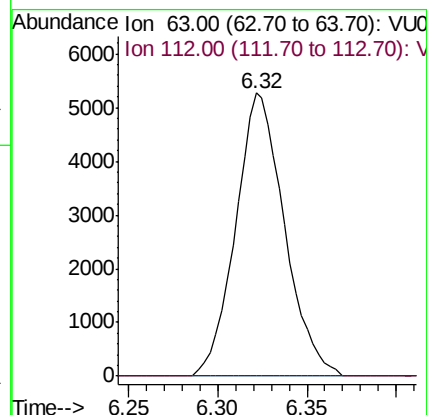
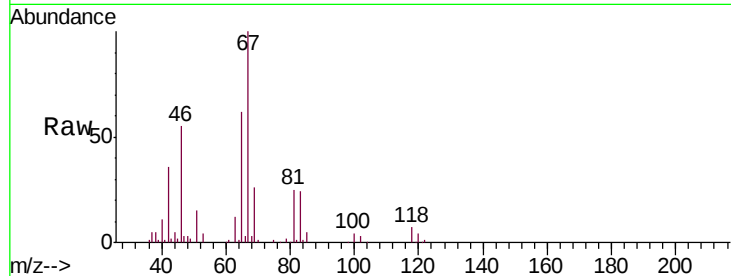




#37
 1,2-Dichloropropane
 Concen: 5.720 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU032795.D
 Acq: 17 Jun 2019 20:07

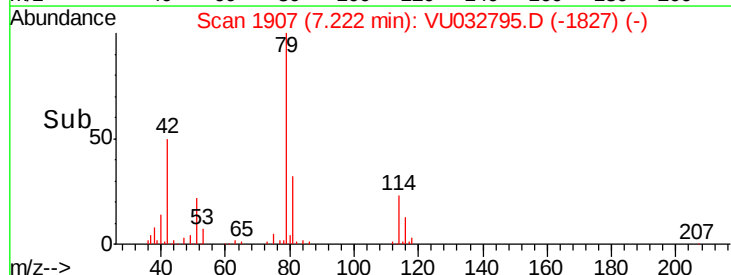
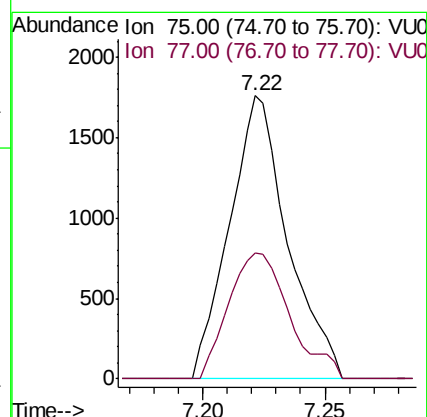
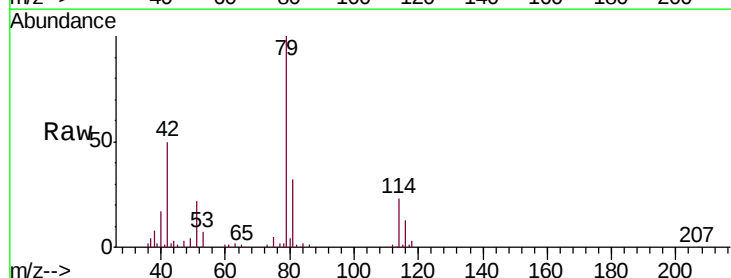
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR6

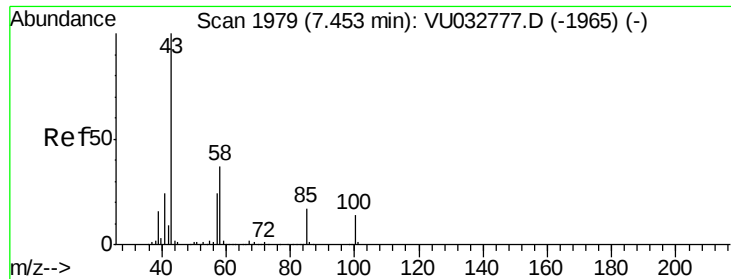
Tgt Ion: 63 Resp: 10024
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.066 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032795.D
 Acq: 17 Jun 2019 20:07

Tgt Ion: 75 Resp: 2911
 Ion Ratio Lower Upper
 75 100
 77 44.5 21.9 40.7#

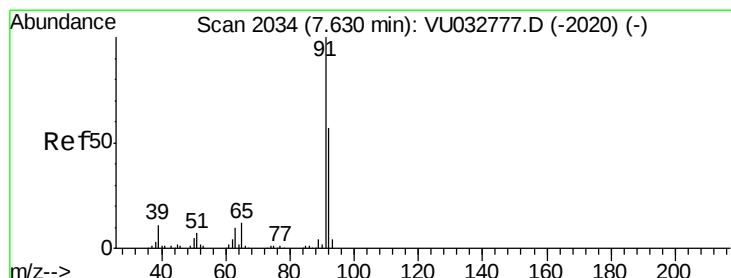
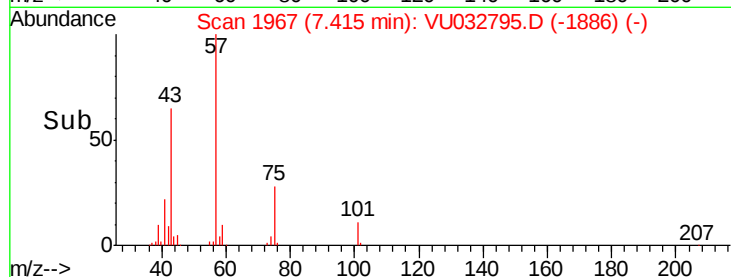
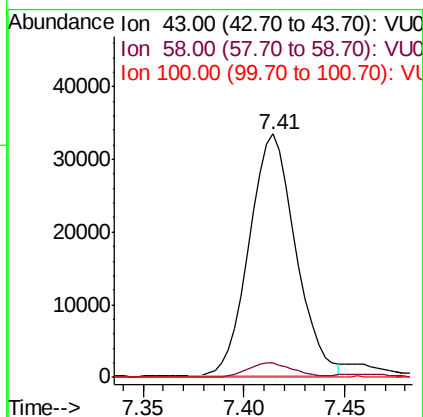
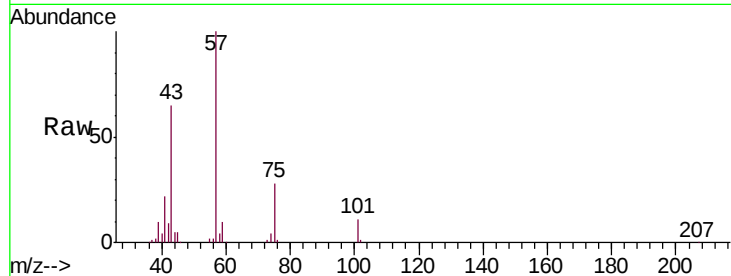




#40
 4-Methyl-2-pentanone
 Concen: 19.147 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. -0.04 min
 Lab File: VU032795.D
 Acq: 17 Jun 2019 20:07

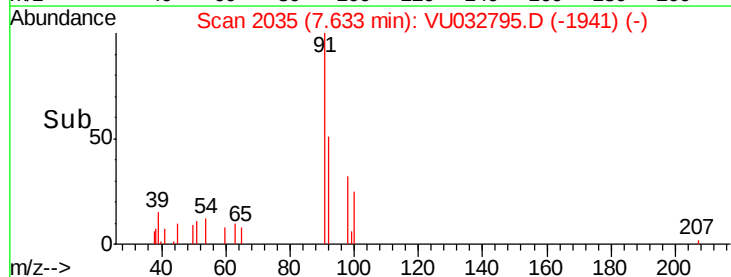
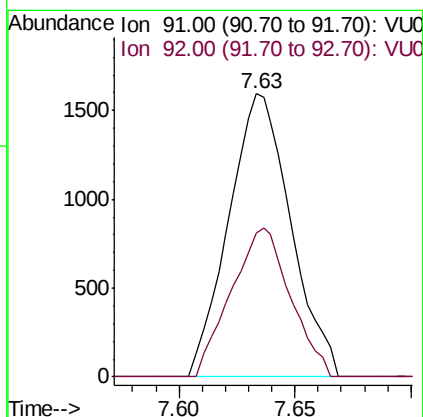
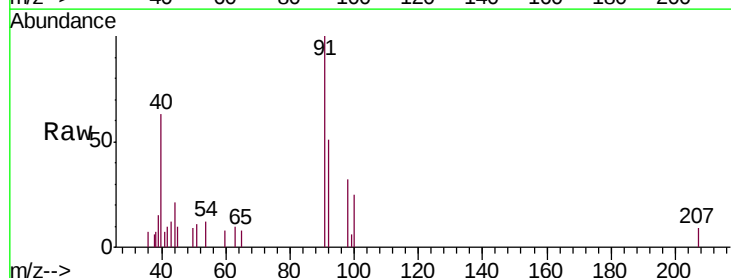
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR6

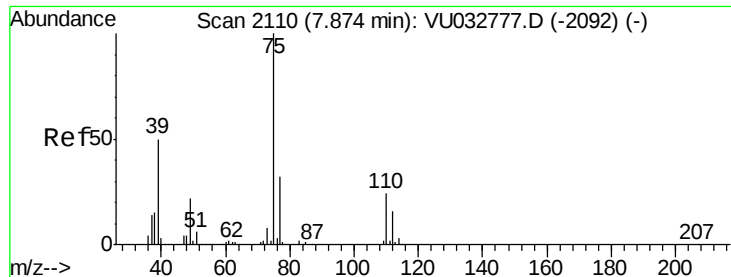
Tgt Ion: 43 Resp: 53569
 Ion Ratio Lower Upper
 43 100
 58 6.1 29.4 44.2#
 100 0.0 11.2 16.8#



#42
 Toluene
 Concen: 0.429 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU032795.D
 Acq: 17 Jun 2019 20:07

Tgt Ion: 91 Resp: 2964
 Ion Ratio Lower Upper
 91 100
 92 50.9 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 0.808 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampled :

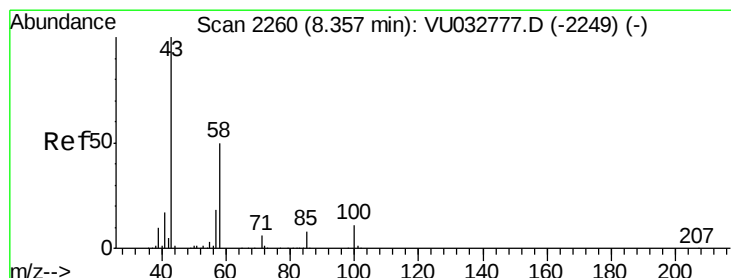
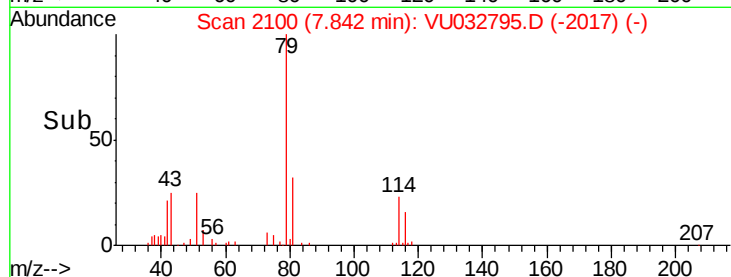
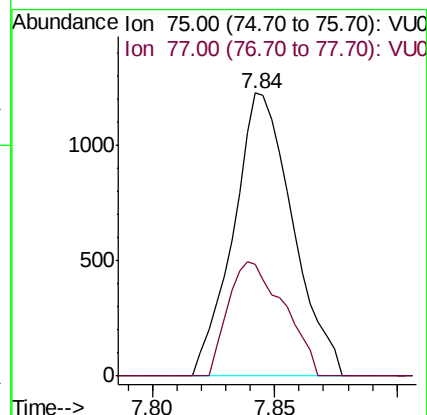
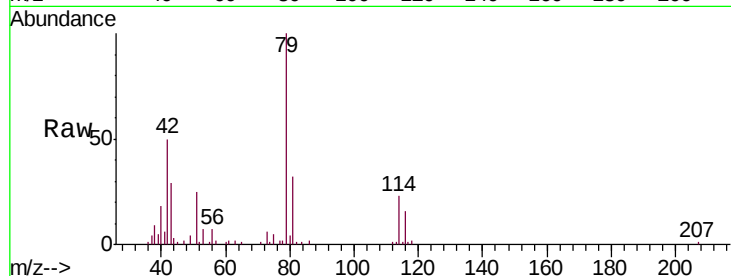
C0JR6

Tgt Ion: 75 Resp: 2071

Ion Ratio Lower Upper

75 100

77 39.7 21.8 40.4



#48

2-Hexanone

Concen: 31.457 ug/L

RT: 8.41 min Scan# 2276

Delta R.T. 0.05 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Tgt Ion: 43 Resp: 77653

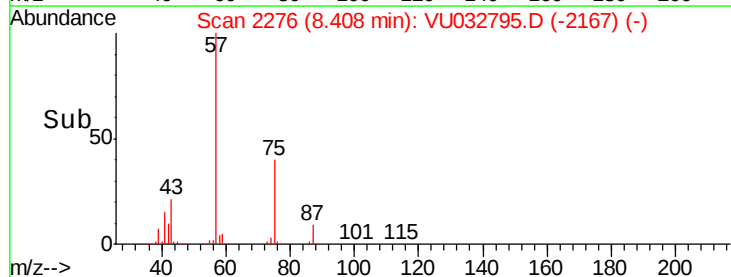
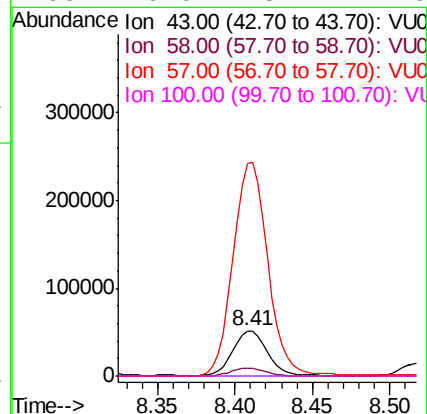
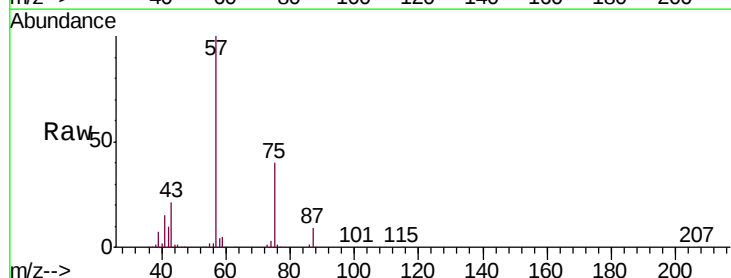
Ion Ratio Lower Upper

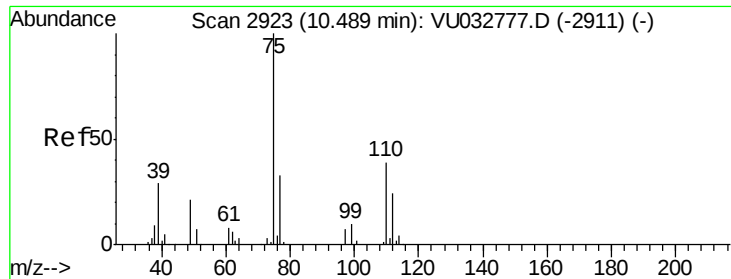
43 100

58 17.8 40.2 60.2#

57 490.8 14.2 21.4#

100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 6.085 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032795.D

Acq: 17 Jun 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

C0JR6

Tgt Ion: 75 Resp: 14230

Ion Ratio Lower Upper

75 100

77 37.1 25.5 38.3

