

Data File : VU032799.D
Acq On : 17 Jun 2019 21:38
Operator : JC/SP
Sample : K3324-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JS0

Quant Time: Jun 18 02:45:46 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	224215	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	217377	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58364	38.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.18%
7) Chloroethane-d5	1.68	69	52407	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.76%
11) 1,1-Dichloroethene-d2	2.27	63	92581	29.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.98%#
21) 2-Butanone-d5	4.17	46	134459	105.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.43%
24) Chloroform-d	4.64	84	129979	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
26) 1,2-Dichloroethane-d4	5.30	65	91546	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
32) Benzene-d6	5.33	84	253515	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
36) 1,2-Dichloropropane-d6	6.32	67	84099	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.18%
41) Toluene-d8	7.56	98	231696	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%
43) trans-1,3-Dichloropropene-	7.84	79	39852	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.88%
47) 2-Hexanone-d5	8.30	63	100500	119.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.23%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	129646	46.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	98765	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%

Target Compounds

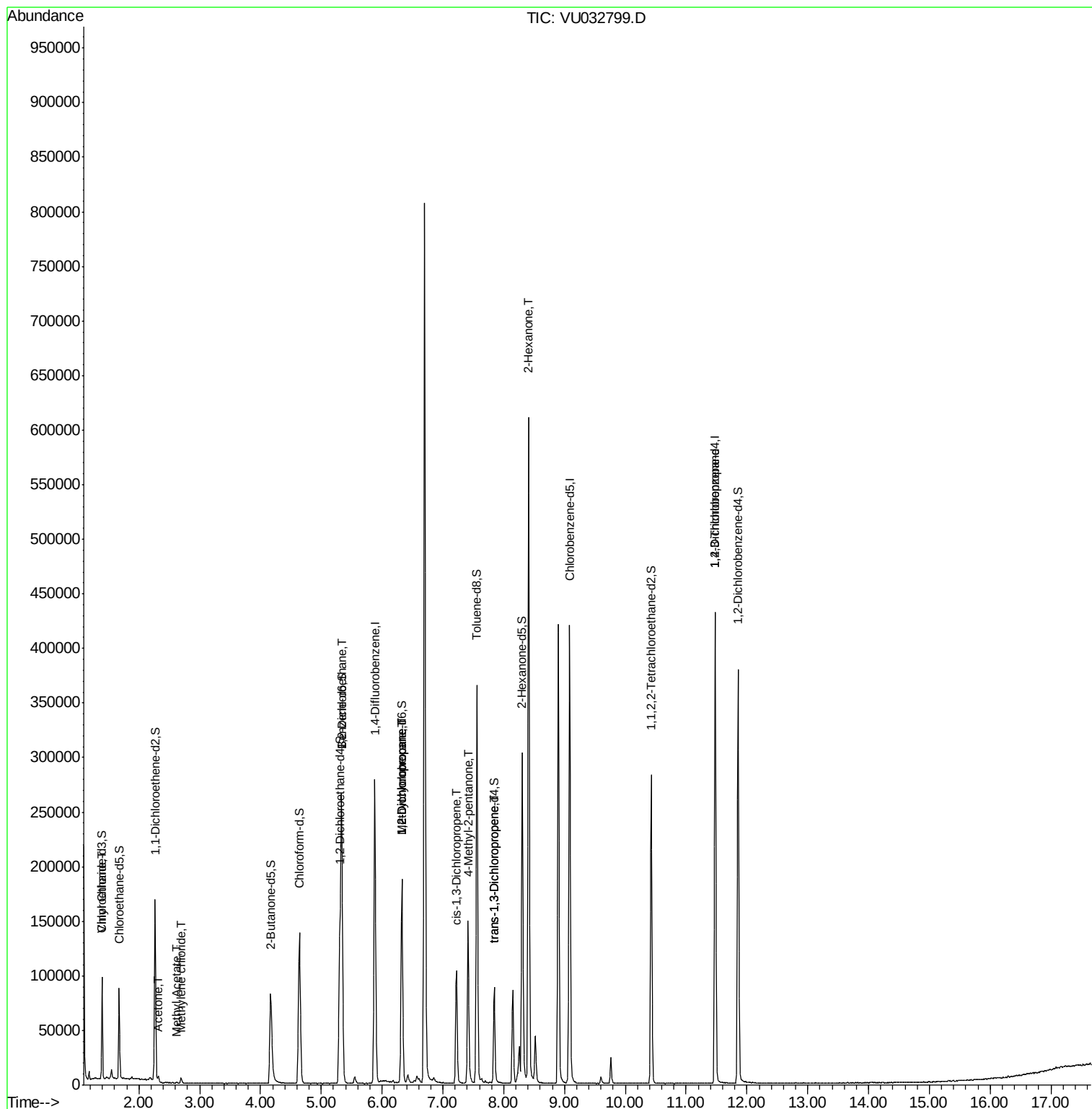
					Qvalue
8) Chloroethane	1.40	64	859	0.733 ug/L #	1
13) Acetone	2.32	43	4913	2.789 ug/L	99
15) Methyl Acetate	2.62	43	2065	1.034 ug/L #	78
16) Methylene chloride	2.70	84	2011	1.214 ug/L	98
27) 1,2-Dichloroethane	5.33	62	1738	0.703 ug/L #	77
35) Methylcyclohexane	6.32	83	19639	7.594 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	9644	5.614 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2888	1.079 ug/L #	73
40) 4-Methyl-2-pentanone	7.41	43	56989	20.781 ug/L #	53
44) trans-1,3-Dichloropropene	7.84	75	1945	0.774 ug/L	85
48) 2-Hexanone	8.41	43	84402	34.882 ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	13937	6.080 ug/L	91

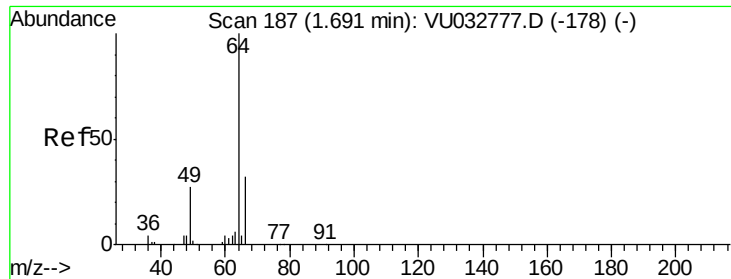
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.733 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032799.D

Acq: 17 Jun 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

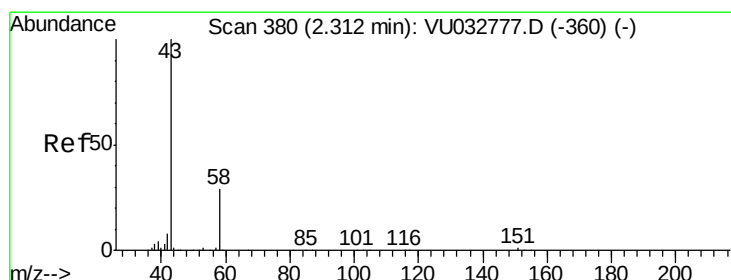
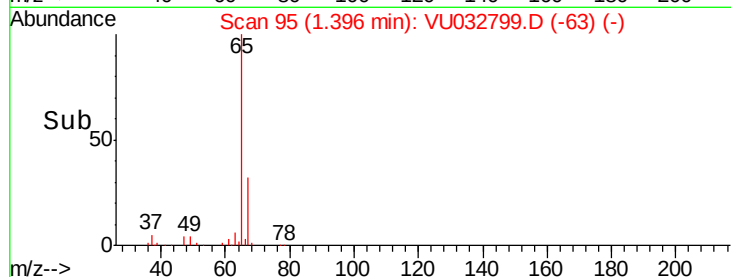
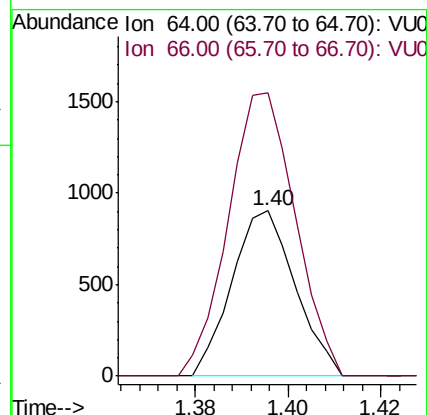
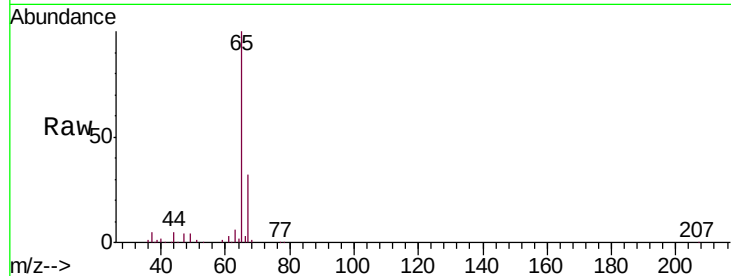
C0JS0

Tgt Ion: 64 Resp: 859

Ion Ratio Lower Upper

64 100

66 171.5 22.5 41.7#



#13

Acetone

Concen: 2.789 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032799.D

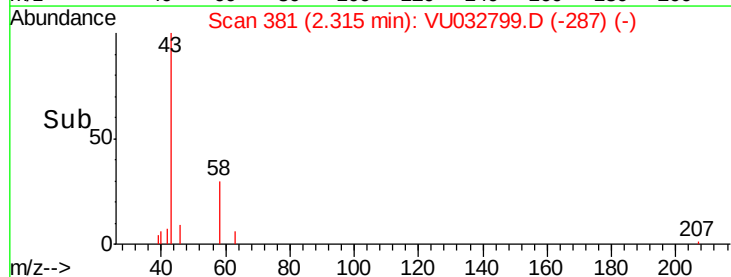
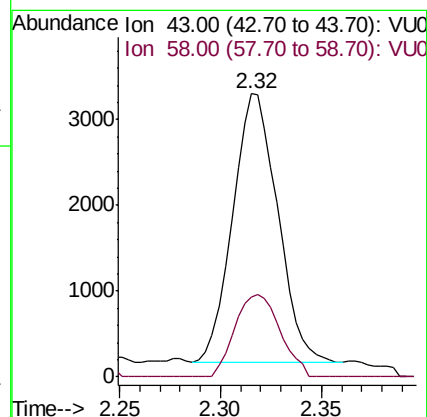
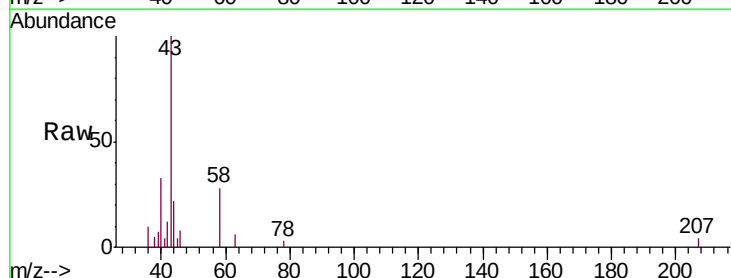
Acq: 17 Jun 2019 21:38

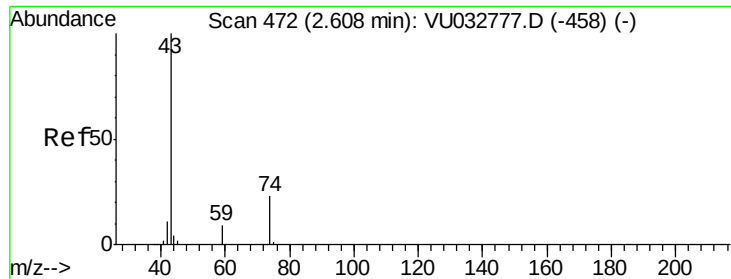
Tgt Ion: 43 Resp: 4913

Ion Ratio Lower Upper

43 100

58 30.8 0.0 60.6





#15

Methyl Acetate

Concen: 1.034 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032799.D

Acq: 17 Jun 2019 21:38

Instrument :

MSVOA_U

ClientSampleId :

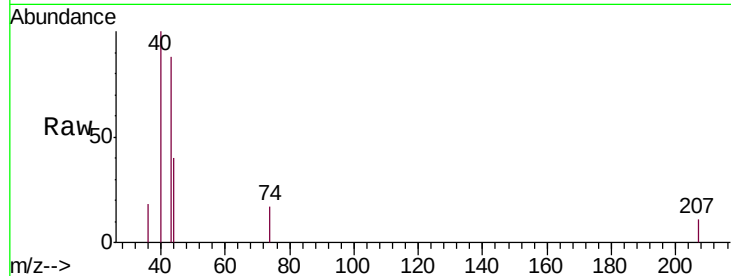
C0JS0

Tgt Ion: 43 Resp: 2065

Ion Ratio Lower Upper

43 100

74 11.8 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-458) (-)

Ion 74.00 (73.70 to 74.70): VU032777.D (-458) (-)

2.62

1000

800

600

400

200

0

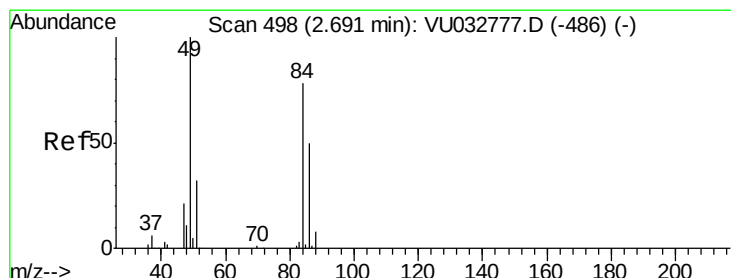
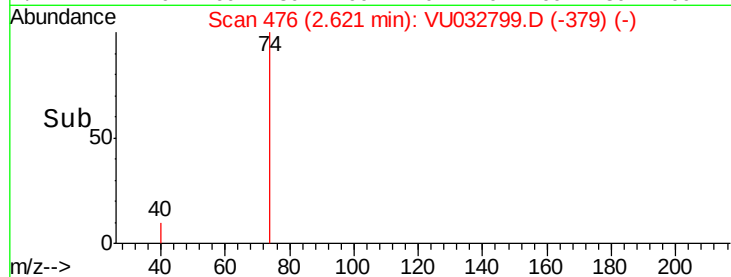
2.55

2.60

2.65

2.70

Time-->



#16

Methylene chloride

Concen: 1.214 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.01 min

Lab File: VU032799.D

Acq: 17 Jun 2019 21:38

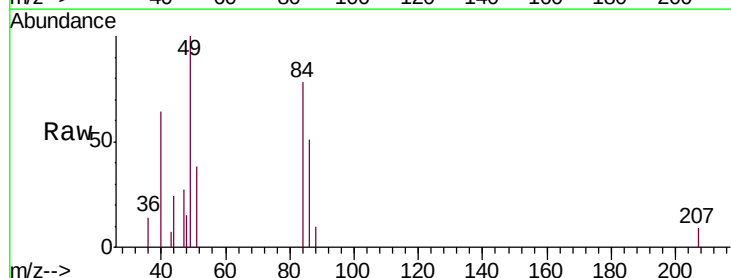
Tgt Ion: 84 Resp: 2011

Ion Ratio Lower Upper

84 100

86 65.0 45.5 84.5

49 128.0 92.1 171.1



Abundance Ion 84.00 (83.70 to 84.70): VU032777.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU032777.D (-486) (-)

Ion 49.00 (48.70 to 49.70): VU032777.D (-486) (-)

2000

1500

1000

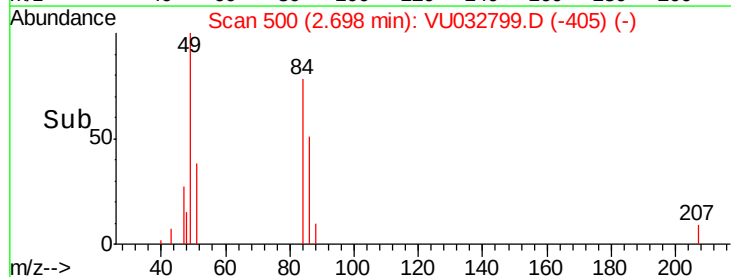
500

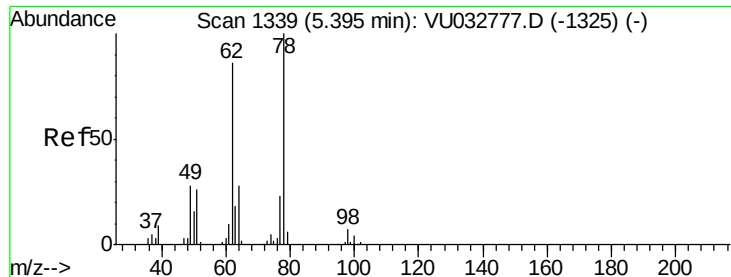
0

2.65

2.70

Time-->

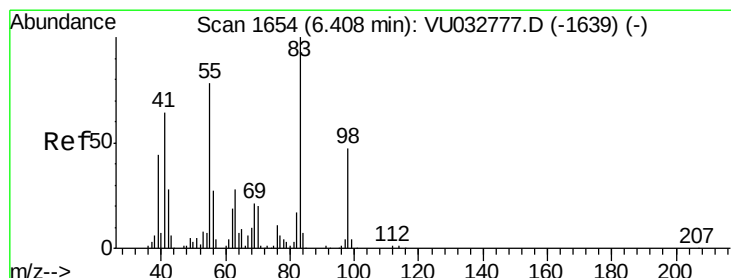
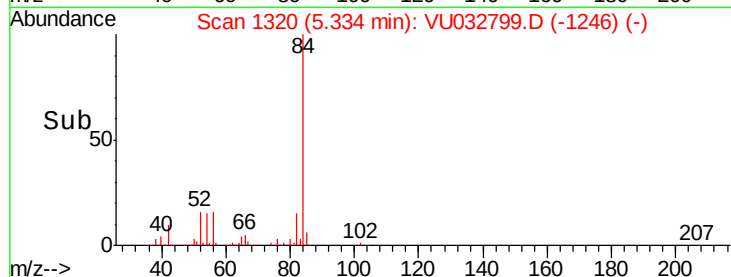
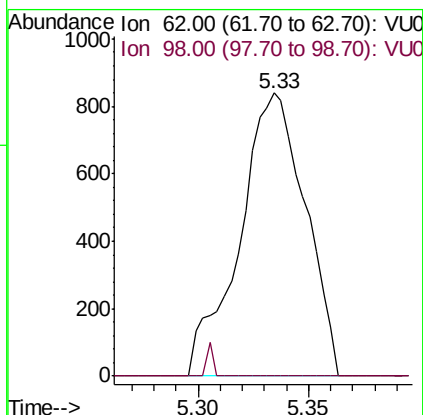
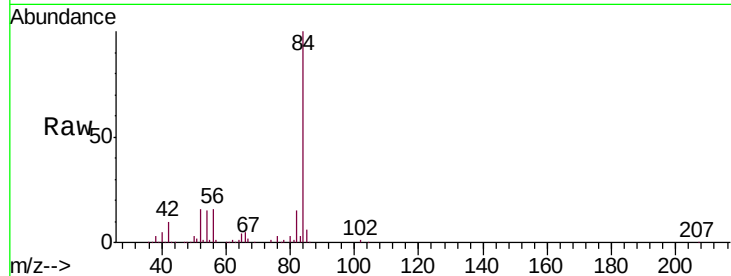




#27
 1,2-Dichloroethane
 Concen: 0.703 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.06 min
 Lab File: VU032799.D
 Acq: 17 Jun 2019 21:38

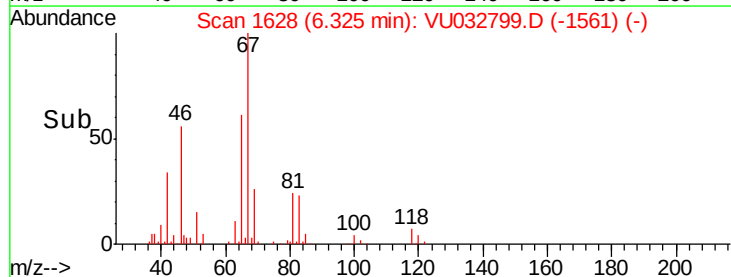
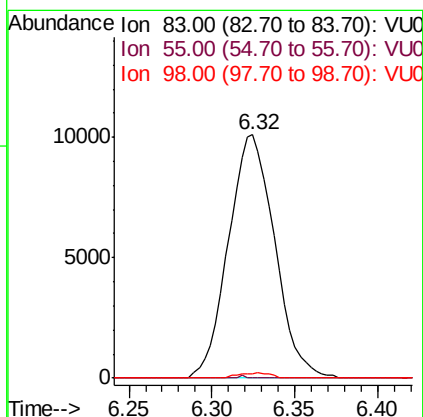
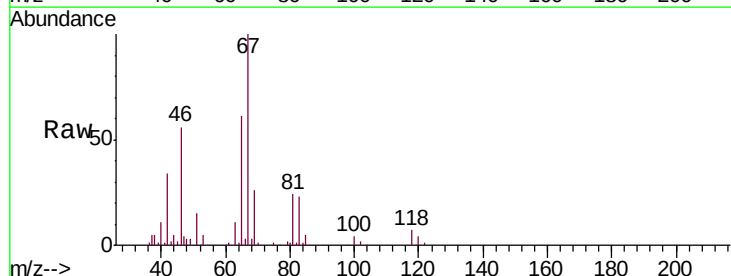
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS0

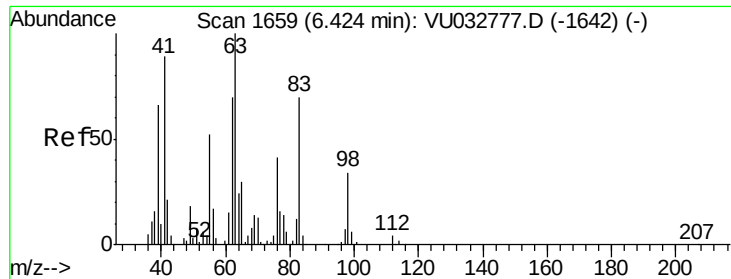
Tgt Ion: 62 Resp: 1738
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 7.594 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032799.D
 Acq: 17 Jun 2019 21:38

Tgt Ion: 83 Resp: 19639
 Ion Ratio Lower Upper
 83 100
 55 0.4 62.6 94.0#
 98 1.5 37.4 56.0#

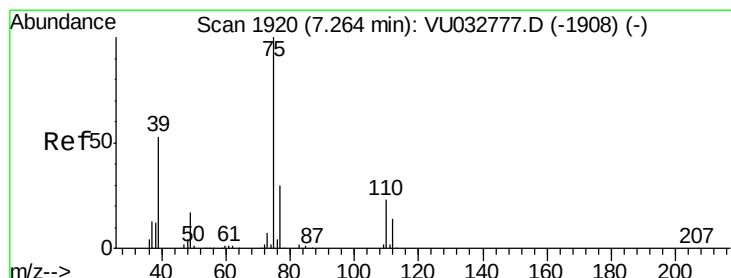
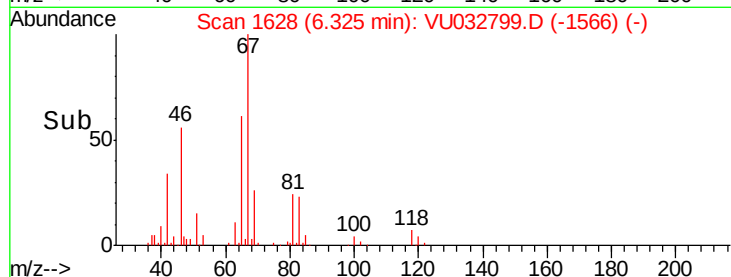
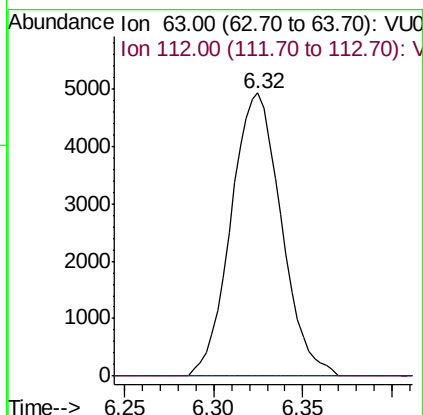
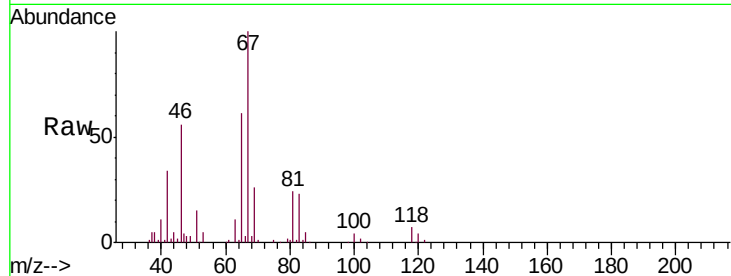




#37
 1,2-Dichloropropane
 Concen: 5.614 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032799.D
 Acq: 17 Jun 2019 21:38

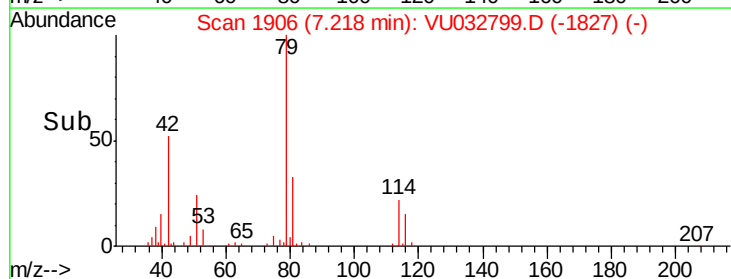
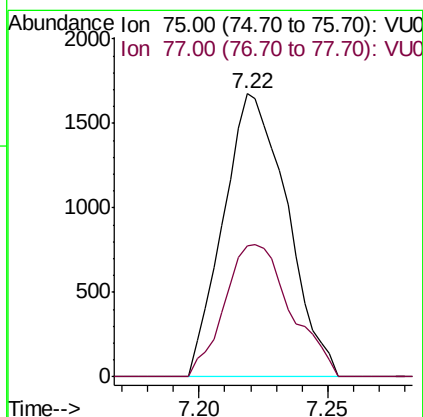
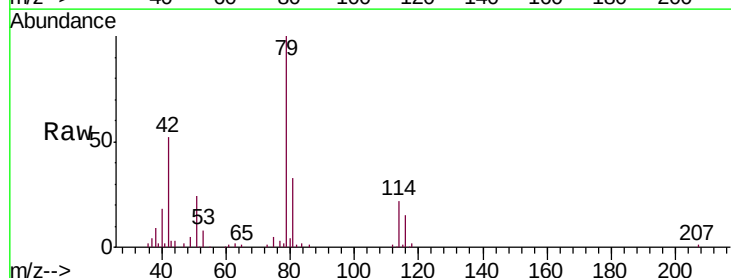
Instrument :
 MSVOA_U
 ClientSampled :
 C0JS0

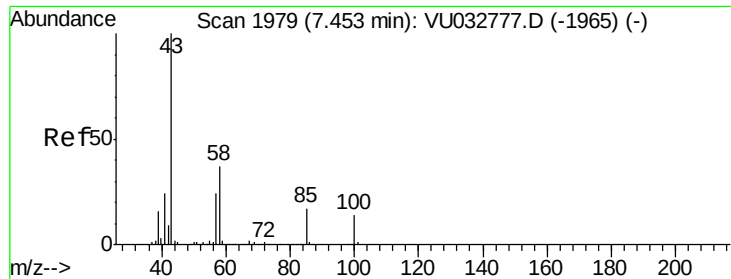
Tgt Ion: 63 Resp: 9644
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.079 ug/L
 RT: 7.22 min Scan# 1906
 Delta R.T. -0.05 min
 Lab File: VU032799.D
 Acq: 17 Jun 2019 21:38

Tgt Ion: 75 Resp: 2888
 Ion Ratio Lower Upper
 75 100
 77 46.4 21.9 40.7#

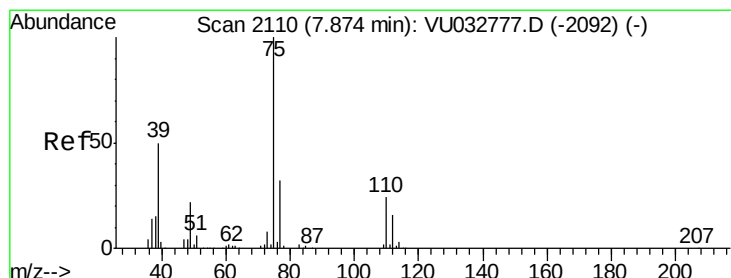
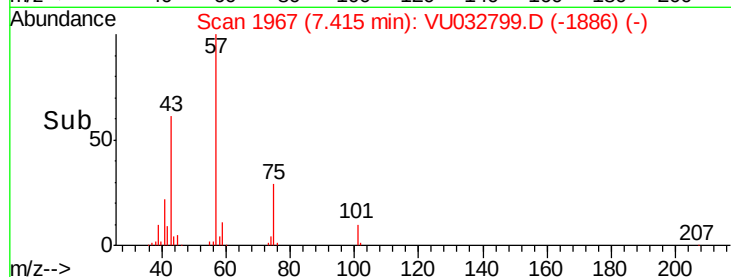
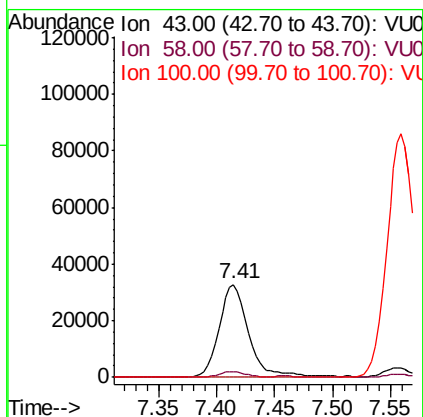
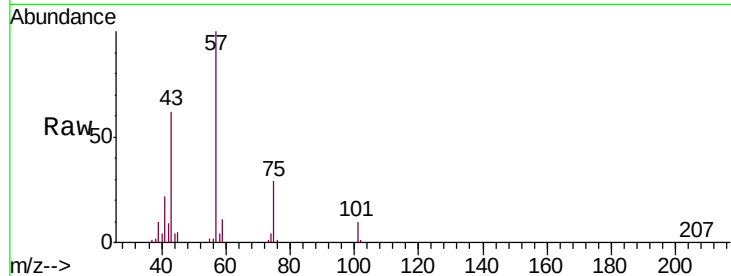




#40
 4-Methyl-2-pentanone
 Concen: 20.781 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. -0.04 min
 Lab File: VU032799.D
 Acq: 17 Jun 2019 21:38

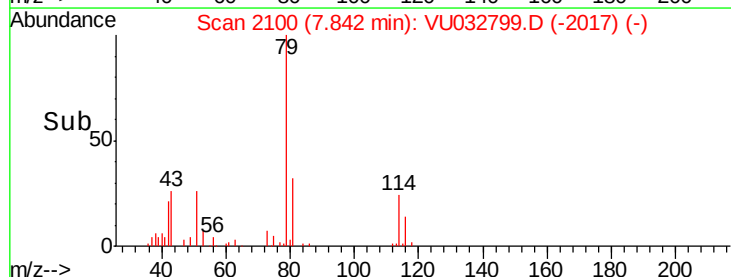
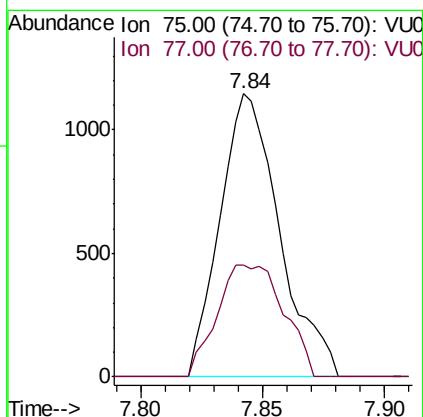
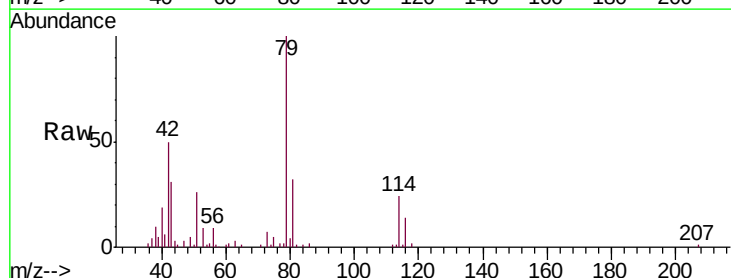
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS0

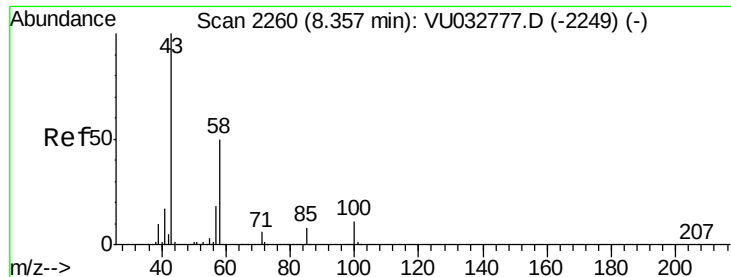
Tgt Ion: 43 Resp: 56989
 Ion Ratio Lower Upper
 43 100
 58 6.0 29.4 44.2#
 100 0.0 11.2 16.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.774 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032799.D
 Acq: 17 Jun 2019 21:38

Tgt Ion: 75 Resp: 1945
 Ion Ratio Lower Upper
 75 100
 77 39.6 21.8 40.4

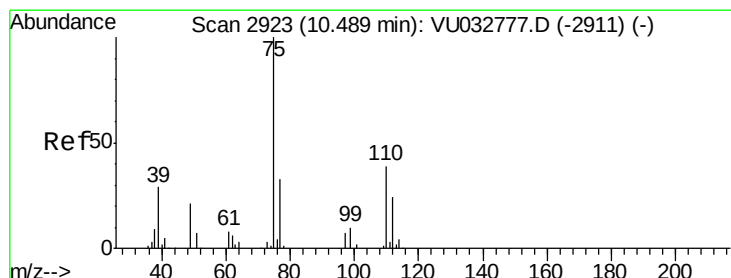
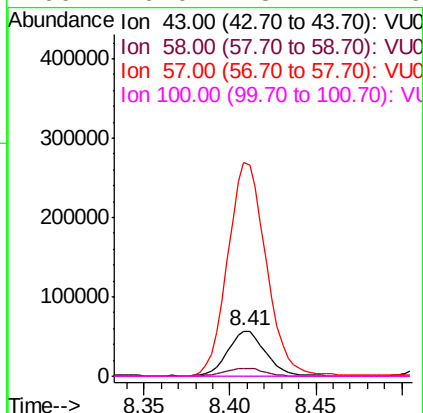
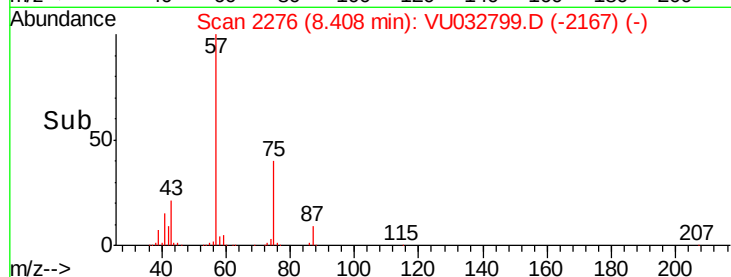
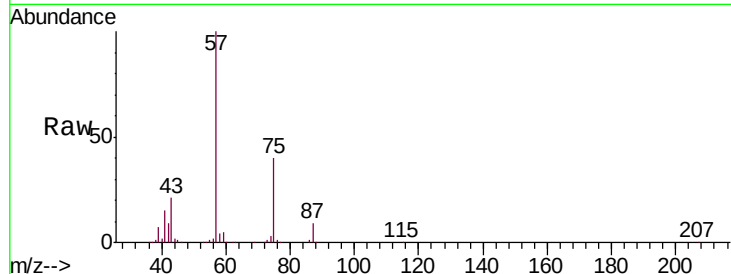




#48
2-Hexanone
Concen: 34.882 ug/L
RT: 8.41 min Scan# 2276
Delta R.T. 0.05 min
Lab File: VU032799.D
Acq: 17 Jun 2019 21:38

Instrument :
MSVOA_U
ClientSampleId :
C0JS0

Tgt Ion: 43 Resp: 84402
Ion Ratio Lower Upper
43 100
58 18.8 40.2 60.2#
57 498.7 14.2 21.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 6.080 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032799.D
Acq: 17 Jun 2019 21:38

Tgt Ion: 75 Resp: 13937
Ion Ratio Lower Upper
75 100
77 37.0 25.5 38.3

