

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035393.D
 Acq On : 23 Oct 2019 05:08
 Operator : JC/SP
 Sample : K5458-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 08:16:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:10:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	243739	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	88355	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.93	69	81550	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.60	63	117410	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.70	46	215907	50.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.10%
24) Chloroform-d	5.11	84	156298	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.75	65	84103	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.77	84	296253	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.74	67	98212	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.93	98	249587	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.22	79	34217	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.69	63	162268	41.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	83541	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	76933	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

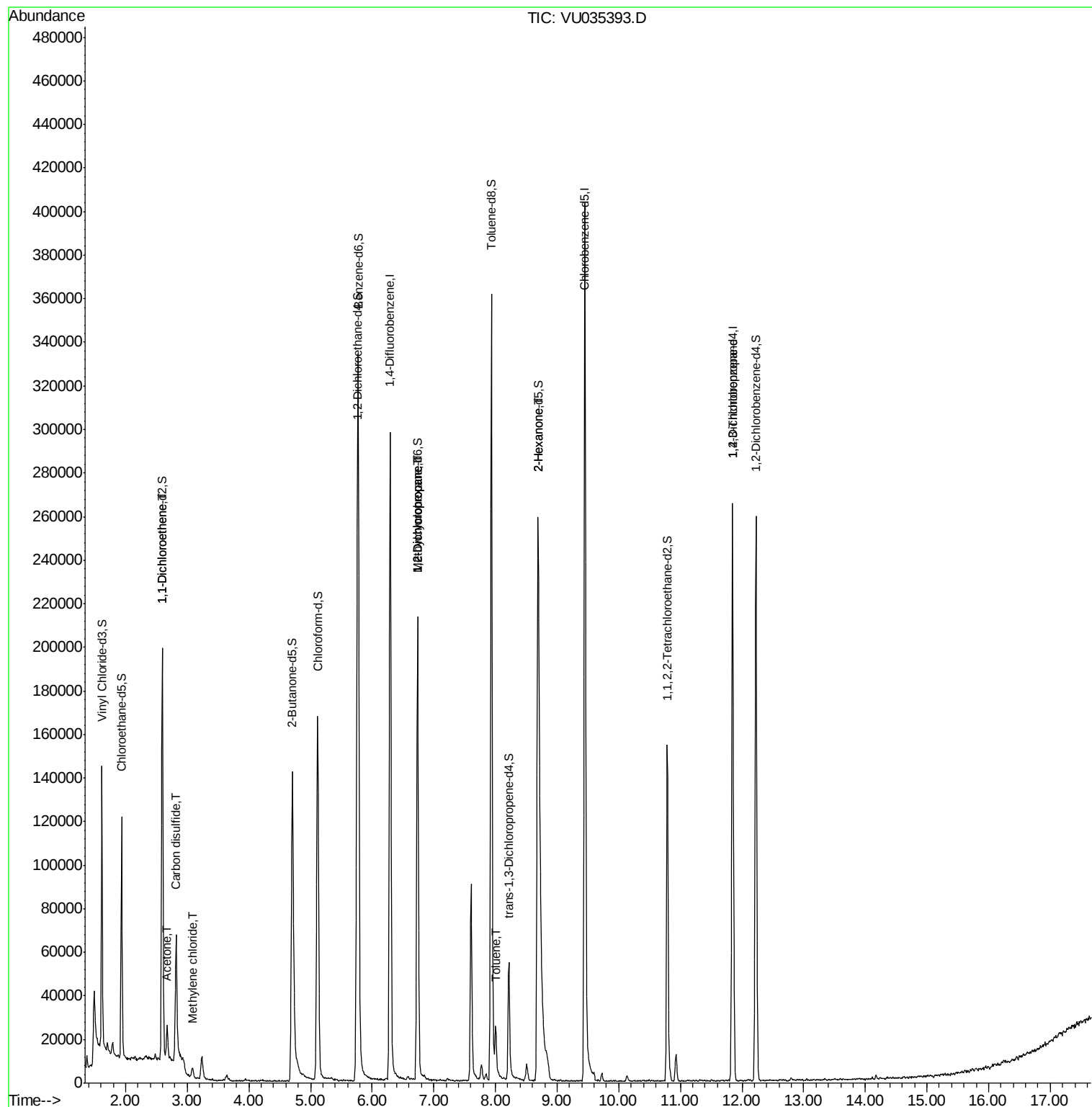
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1005	0.064	ug/L #	1
13) Acetone	2.67	43	17507	5.893	ug/L	97
14) Carbon disulfide	2.82	76	14265	0.288	ug/L #	89
16) Methylene chloride	3.09	84	2307	0.122	ug/L	73
35) Methylcyclohexane	6.74	83	23338	0.700	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10553	0.561	ug/L #	86
42) Toluene	8.01	91	14116	0.172	ug/L	94
48) 2-Hexanone	8.70	43	14265	1.601	ug/L #	73
59) 1,2,3-Trichloropropane	11.84	75	10319	0.787	ug/L	91

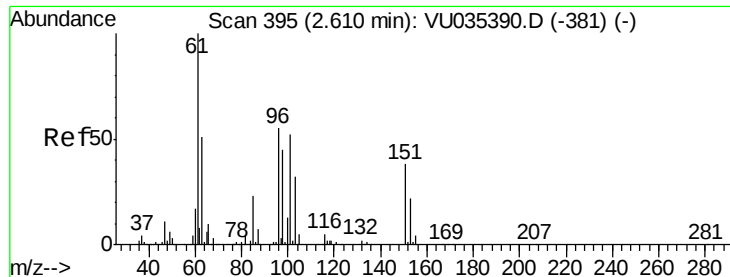
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:10:07 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.02 min

Lab File: VU035393.D

Acq: 23 Oct 2019 05:08

Instrument :

MSVOA_U

ClientSampleId :

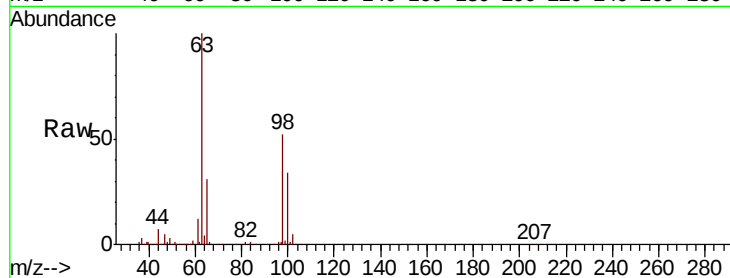
Tot Ion: 96 Resp: 1005

Ion Ratio Lower Upper

96 100

61 1402.1 120.6 224.0#

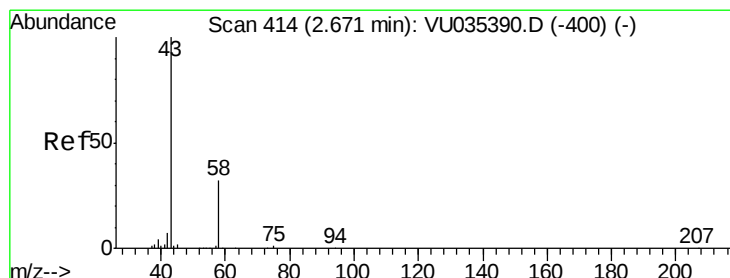
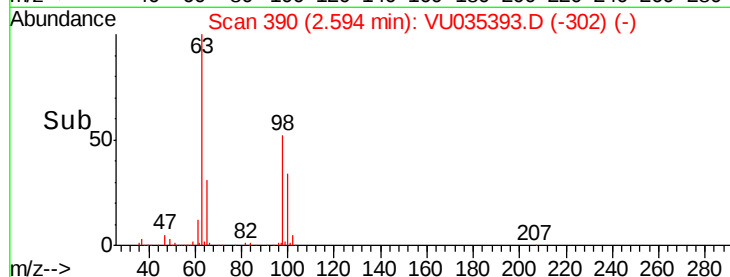
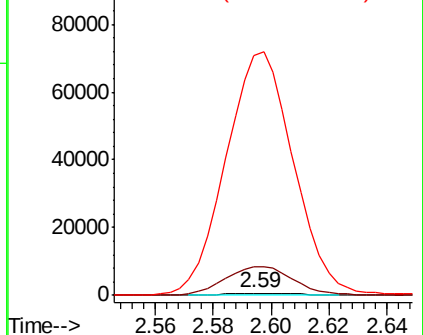
63 11728.9 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU035393.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU035393.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU035393.D (-390) (-)



#13

Acetone

Concen: 5.893 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035393.D

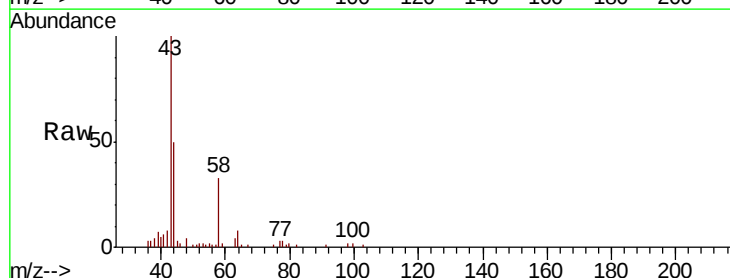
Acq: 23 Oct 2019 05:08

Tgt Ion: 43 Resp: 17507

Ion Ratio Lower Upper

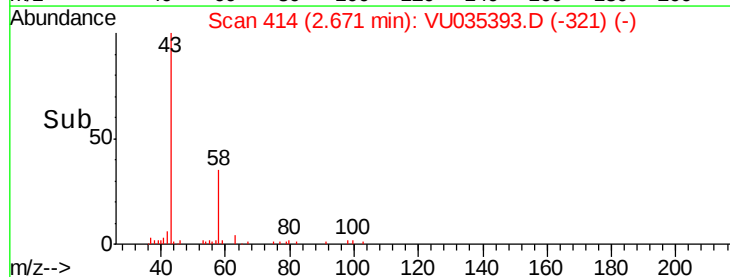
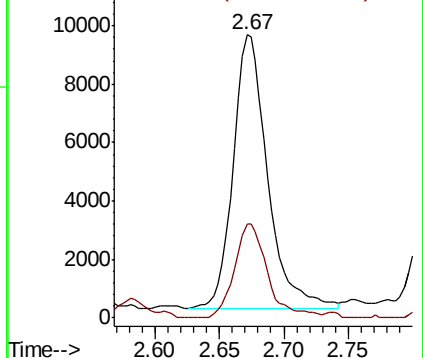
43 100

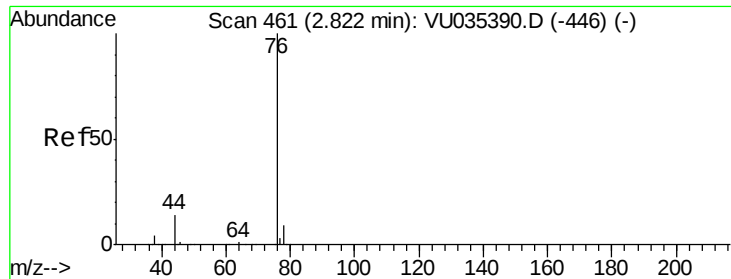
58 32.7 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035393.D (-414) (-)

Ion 58.05 (57.75 to 58.75): VU035393.D (-414) (-)





#14

Carbon disulfide

Concen: 0.288 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035393.D

Acq: 23 Oct 2019 05:08

Instrument :

MSVOA_U

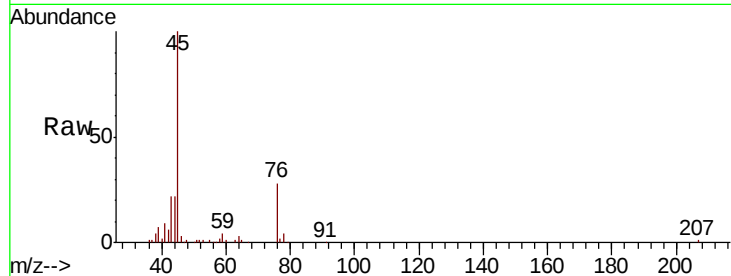
ClientSampleId :

Tot Ion: 76 Resp: 14265

Ion Ratio Lower Upper

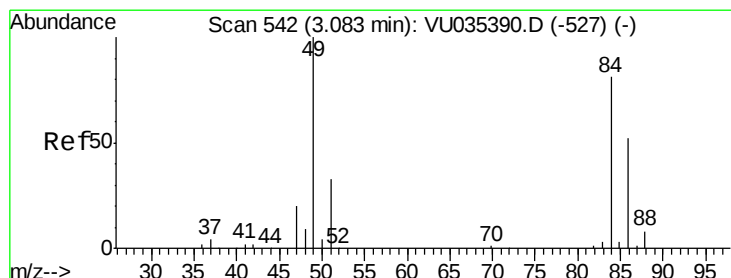
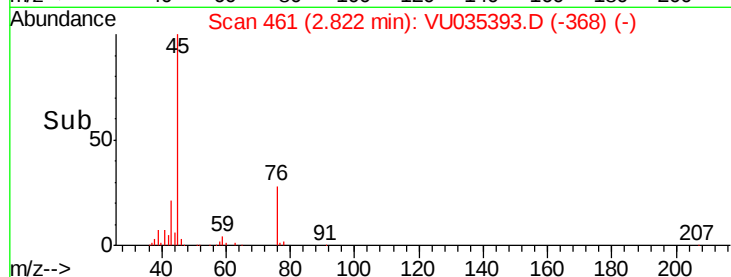
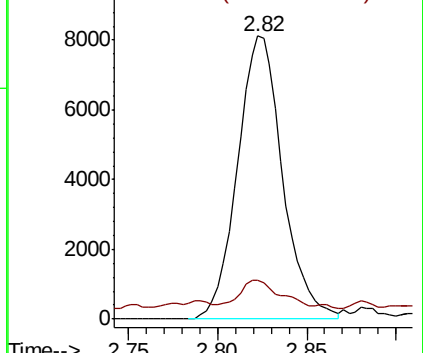
76 100

78 13.7 7.6 11.4#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#16

Methylene chloride

Concen: 0.122 ug/L

RT: 3.09 min Scan# 544

Delta R.T. 0.01 min

Lab File: VU035393.D

Acq: 23 Oct 2019 05:08

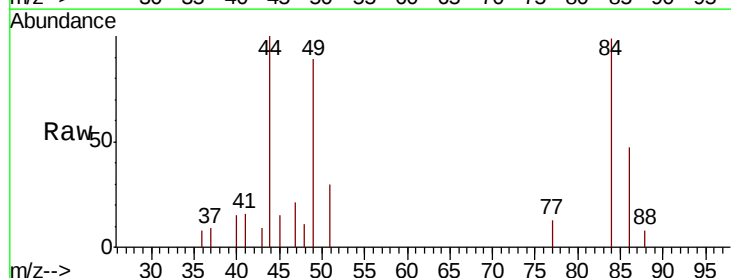
Tgt Ion: 84 Resp: 2307

Ion Ratio Lower Upper

84 100

86 48.0 45.4 84.2

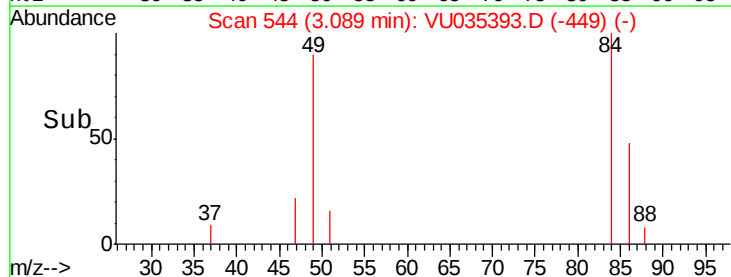
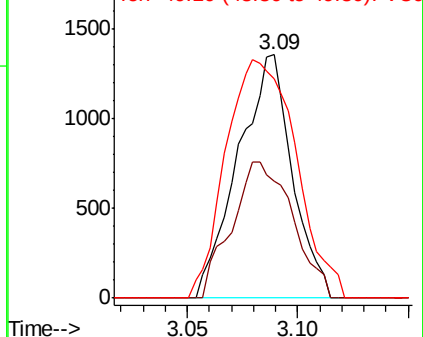
49 90.0 86.8 161.2

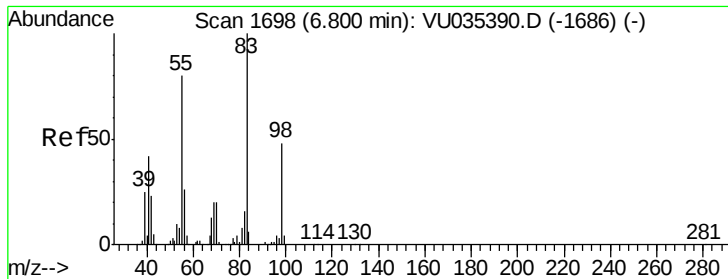


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035393.D

Acq: 23 Oct 2019 05:08

Instrument :

MSVOA_U

ClientSampleId :

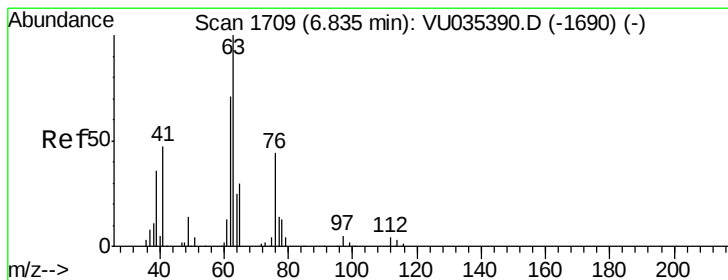
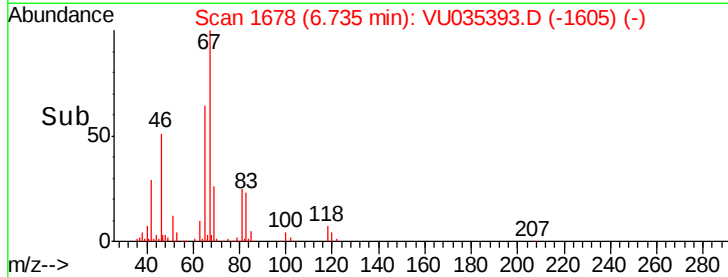
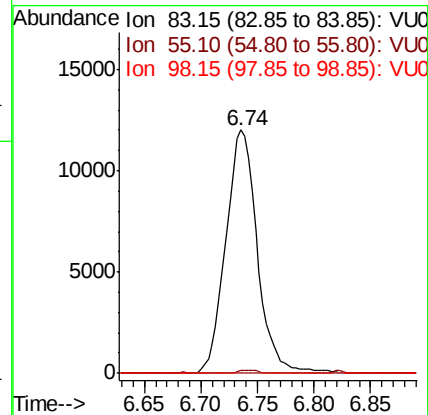
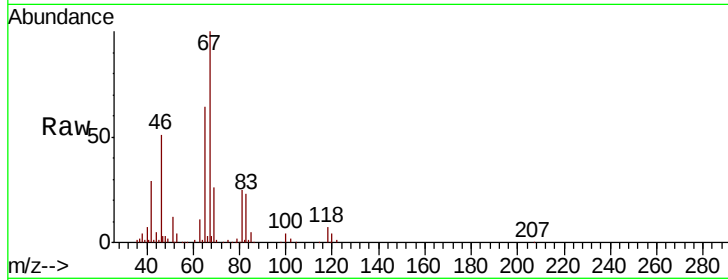
Tot Ion: 83 Resp: 23338

Ion Ratio Lower Upper

83 100

55 0.8 60.4 90.6#

98 0.0 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035393.D

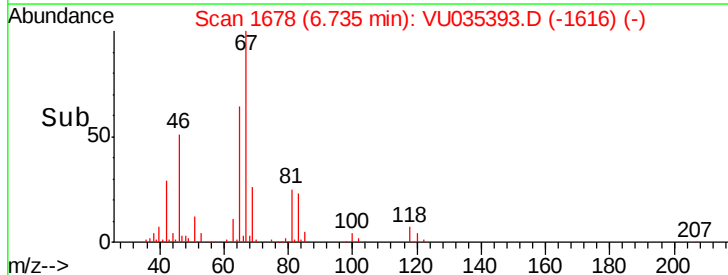
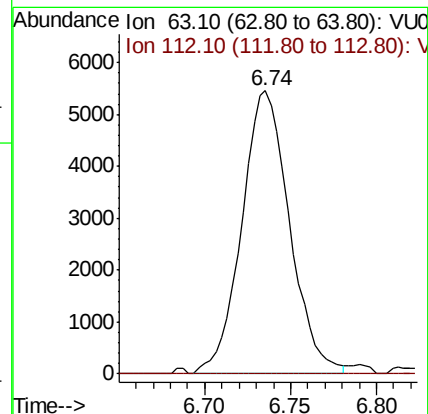
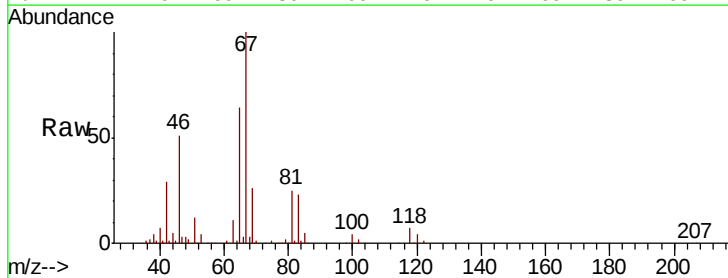
Acq: 23 Oct 2019 05:08

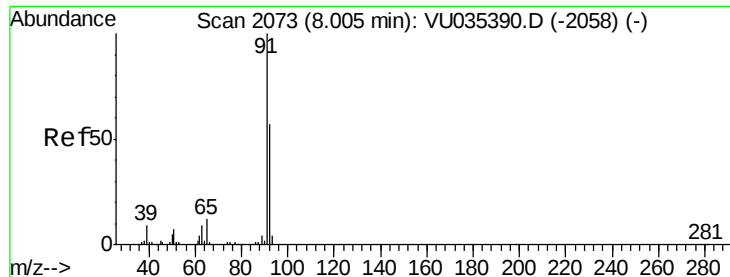
Tgt Ion: 63 Resp: 10553

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#42

Toluene

Concen: 0.172 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035393.D

Acq: 23 Oct 2019 05:08

Instrument :

MSVOA_U

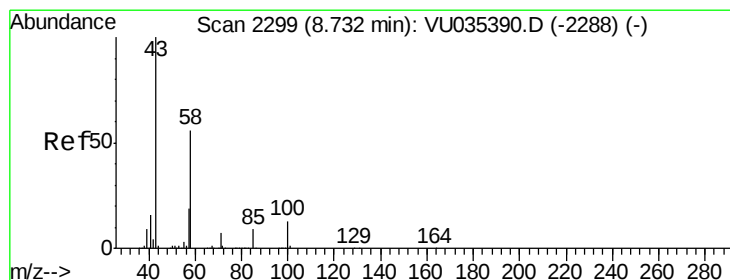
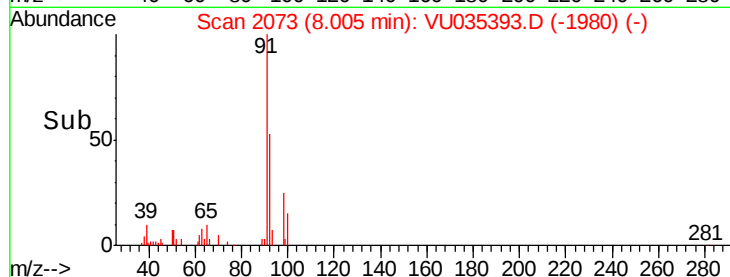
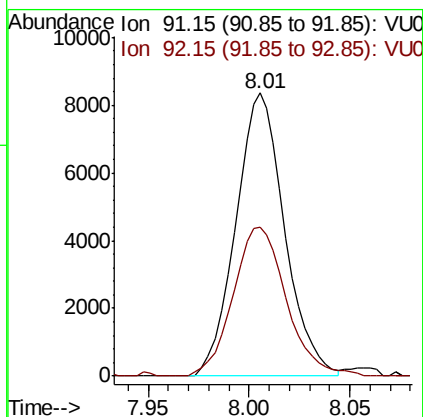
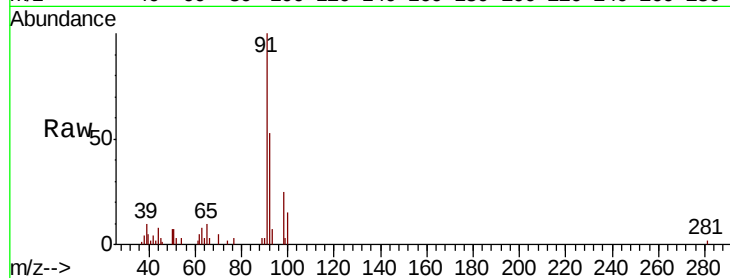
ClientSampleId :

Tot Ion: 91 Resp: 14116

Ion Ratio Lower Upper

91 100

92 52.5 39.9 74.1



#48

2-Hexanone

Concen: 1.601 ug/L

RT: 8.70 min Scan# 2288

Delta R.T. -0.04 min

Lab File: VU035393.D

Acq: 23 Oct 2019 05:08

Tgt Ion: 43 Resp: 14265

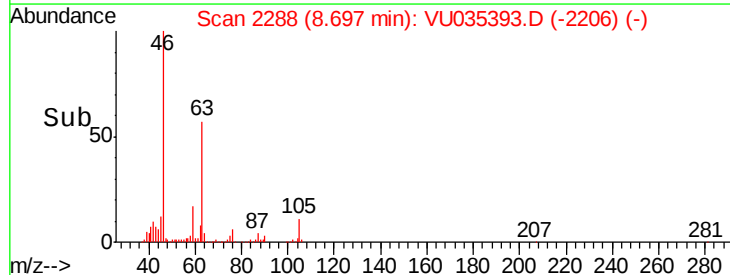
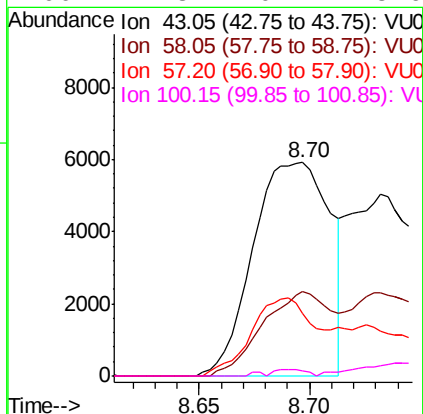
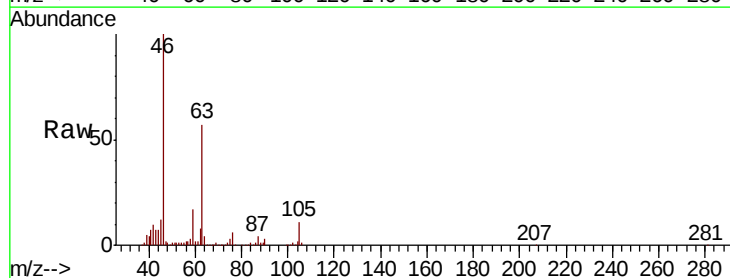
Ion Ratio Lower Upper

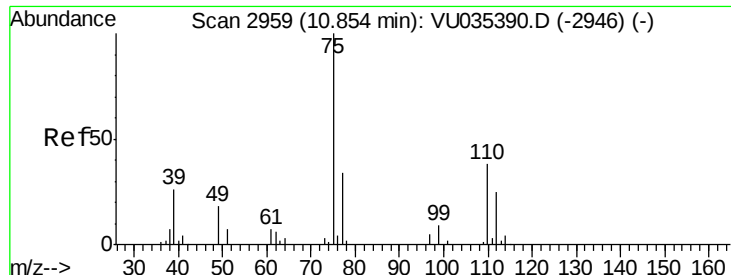
43 100

58 35.3 45.1 67.7#

57 29.4 16.0 24.0#

100 1.3 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 0.787 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035393.D

Acq: 23 Oct 2019 05:08

Instrument :

MSVOA_U

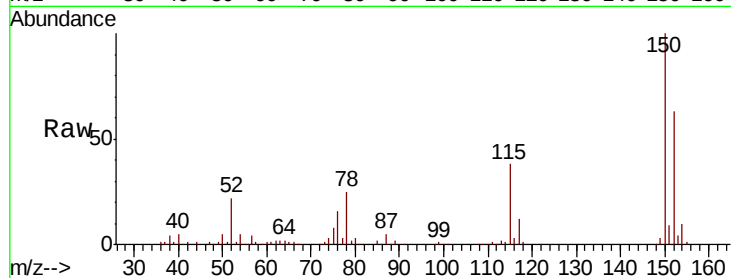
ClientSampleId :

Tot Ion: 75 Resp: 10319

Ion Ratio Lower Upper

75 100

77 38.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

