

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080820\
 Data File : VU039809.D
 Acq On : 08 Aug 2020 14:30
 Operator : SY/MD
 Sample : L3617-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 01:20:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 10 01:16:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	74612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22315	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.92	69	19660	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	34739	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	4.66	46	74480	42.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.06%
24) Chloroform-d	5.08	84	43865	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	26742	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.74	84	85561	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	27368	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	72375	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.19	79	9057	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.64	63	50626	40.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	22233	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	30766	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

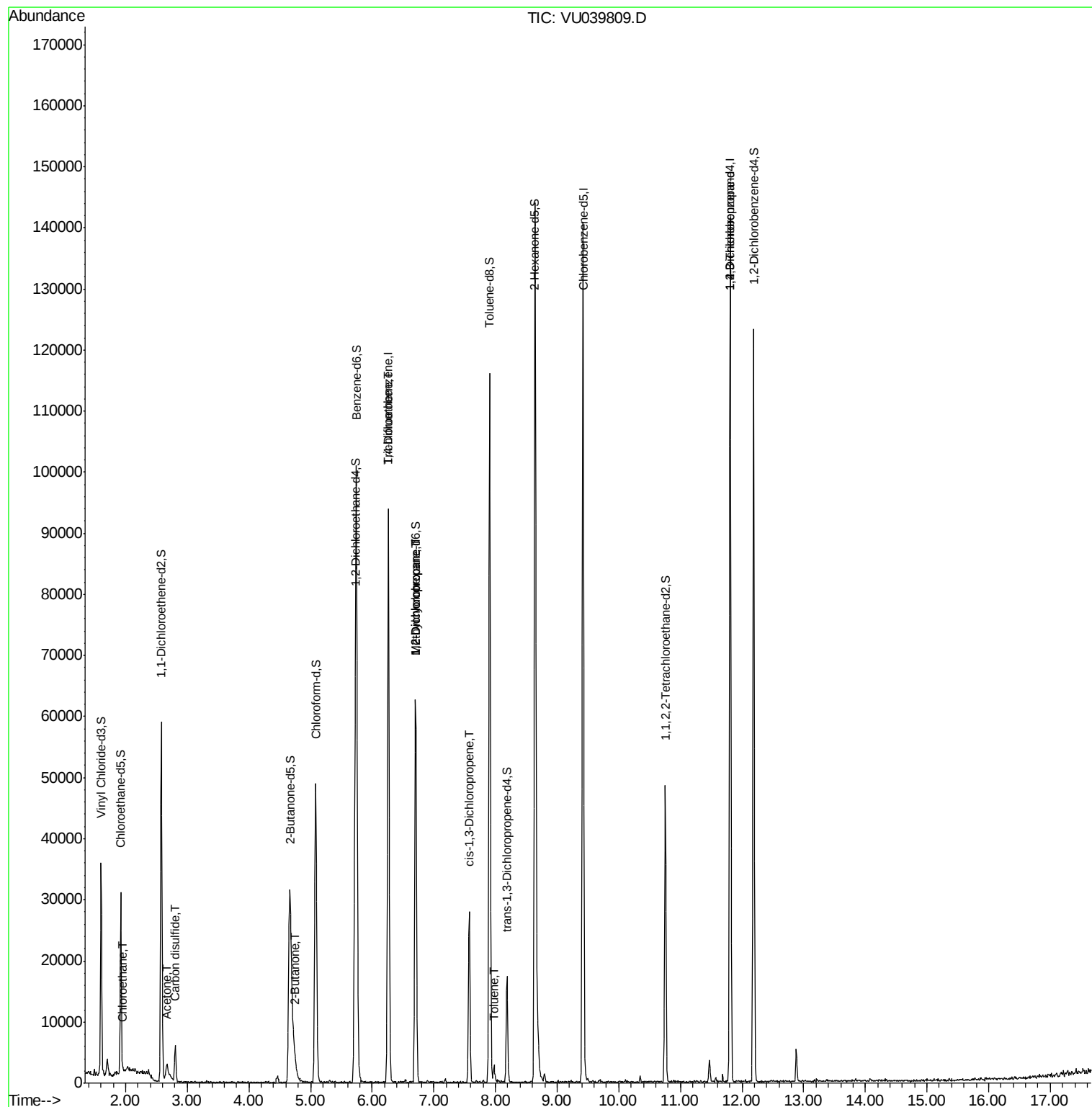
					Ovalue
8) Chloroethane	1.96	64	480	0.108 ug/L #	43
13) Acetone	2.67	43	5331	5.103 ug/L	86
14) Carbon disulfide	2.81	76	6995	0.503 ug/L	98
21) 2-Butanone	4.75	43	2509	1.524 ug/L	98
34) Trichloroethene	6.27	95	1334	0.255 ug/L #	4
35) Methylcyclohexane	6.70	83	7044	0.843 ug/L #	19
37) 1,2-Dichloropropane	6.71	63	3242	0.605 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	723	0.099 ug/L	96
42) Toluene	7.99	91	2007	0.095 ug/L #	21
59) 1,2,3-Trichloropropane	11.81	75	4377	1.133 ug/L #	78

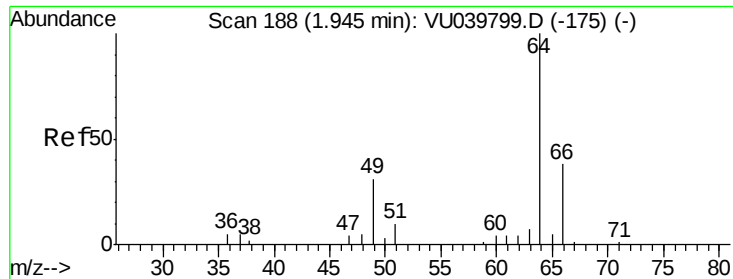
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 10 01:16:49 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.108 ug/L

RT: 1.96 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU039809.D

Acq: 08 Aug 2020 14:30

Instrument :

MSVOA_U

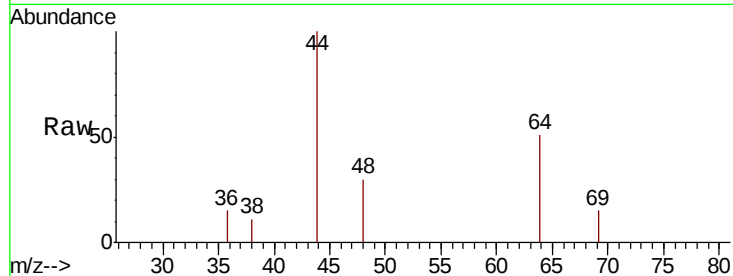
ClientSampleId :

Tot Ion: 64 Resp: 480

Ion Ratio Lower Upper

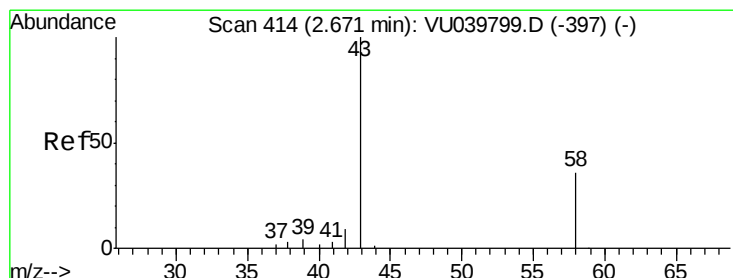
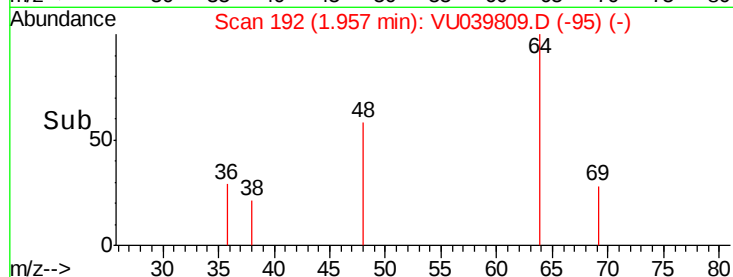
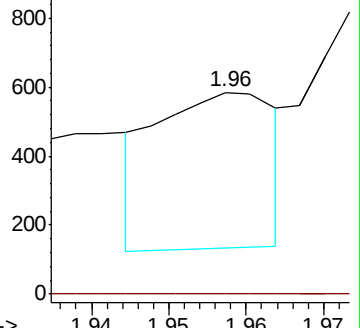
64 100

66 0.0 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU039799.D (-175) (-)

Ion 66.05 (65.75 to 66.75): VU039799.D (-175) (-)



#13

Acetone

Concen: 5.103 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU039809.D

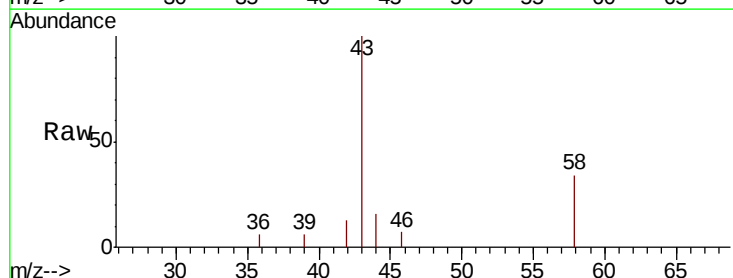
Acq: 08 Aug 2020 14:30

Tgt Ion: 43 Resp: 5331

Ion Ratio Lower Upper

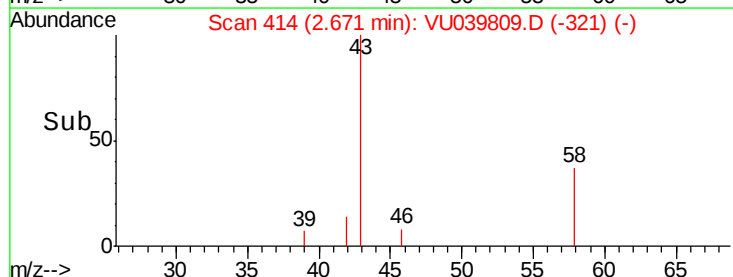
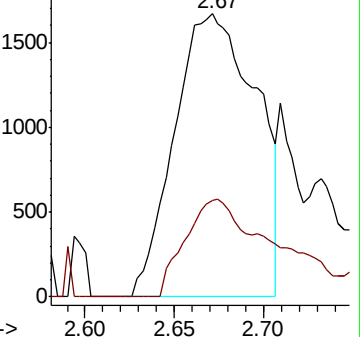
43 100

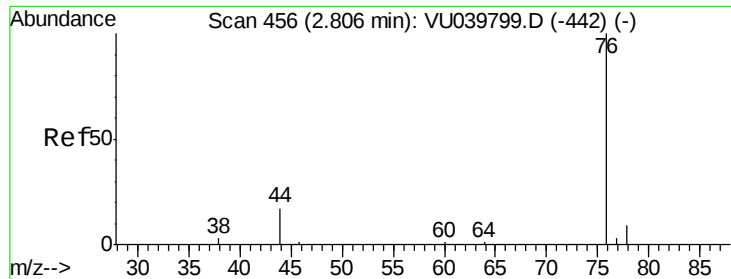
58 38.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039799.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU039799.D (-397) (-)





#14

Carbon disulfide

Concen: 0.503 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039809.D

Acq: 08 Aug 2020 14:30

Instrument :

MSVOA_U

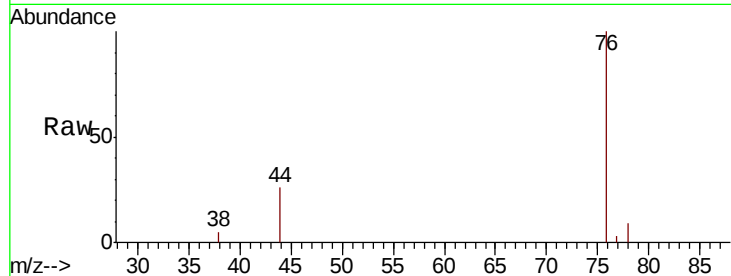
ClientSampleId :

Tot Ion: 76 Resp: 6995

Ion Ratio Lower Upper

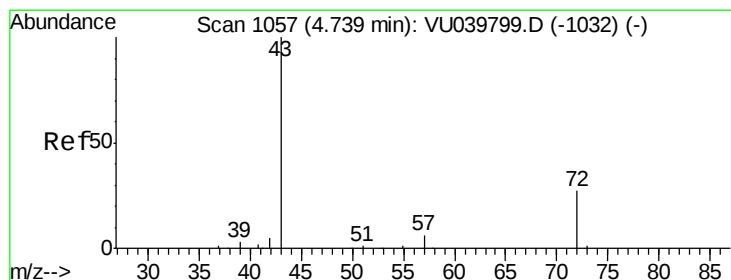
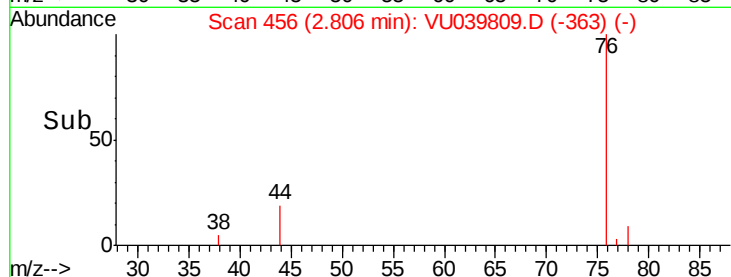
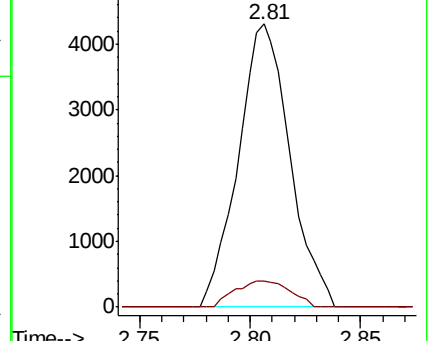
76 100

78 9.0 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU039799.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU039799.D (-442) (-)



#21

2-Butanone

Concen: 1.524 ug/L

RT: 4.75 min Scan# 1060

Delta R.T. 0.01 min

Lab File: VU039809.D

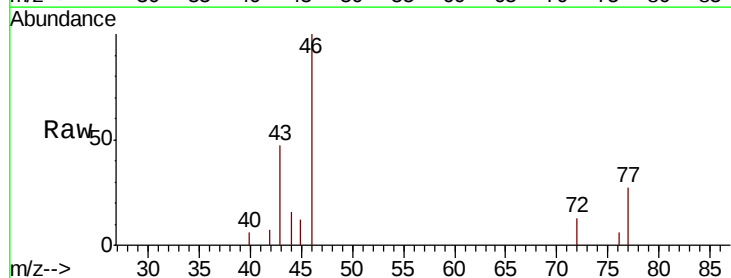
Acq: 08 Aug 2020 14:30

Tgt Ion: 43 Resp: 2509

Ion Ratio Lower Upper

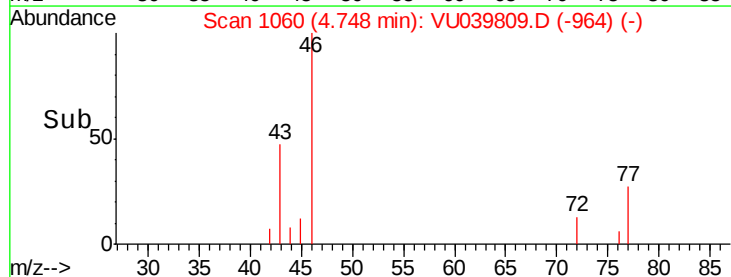
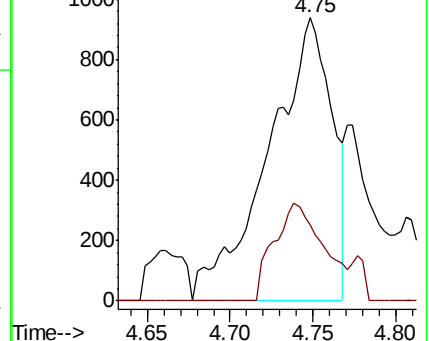
43 100

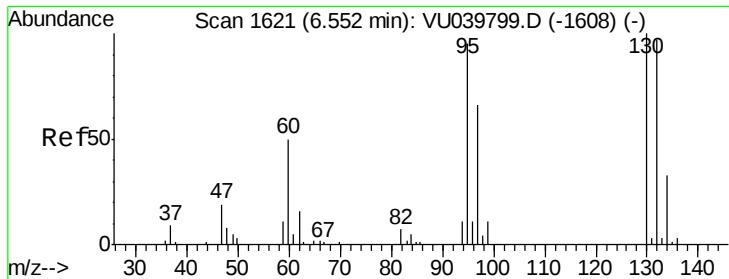
72 26.9 13.0 39.0



Abundance Ion 43.05 (42.75 to 43.75): VU039799.D (-1032) (-)

Ion 72.10 (71.80 to 72.80): VU039799.D (-1032) (-)





#34

Trichloroethene

Concen: 0.255 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU039809.D

Acq: 08 Aug 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 1334

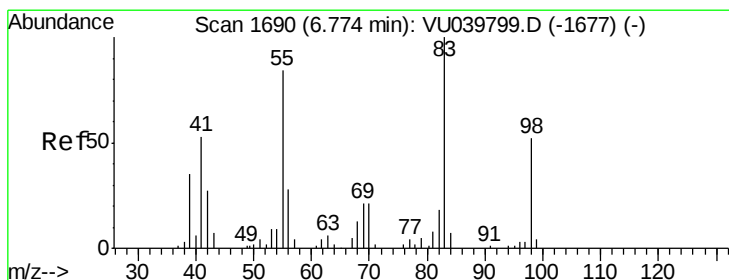
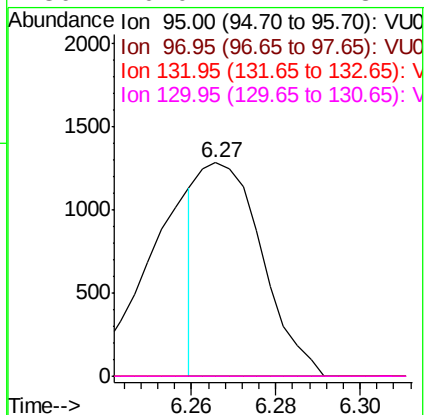
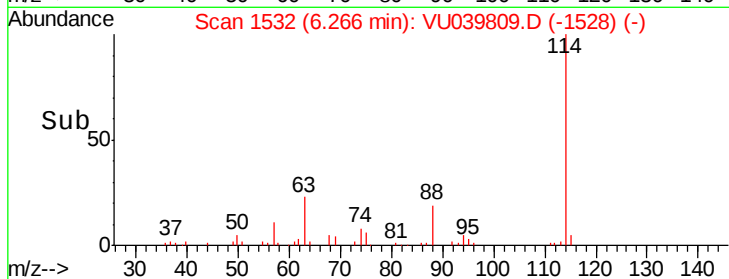
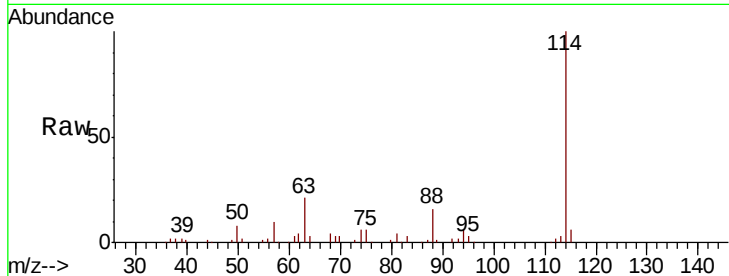
Ion Ratio Lower Upper

95 100

97 0.0 44.0 81.8#

132 0.0 71.7 133.3#

130 0.0 71.1 132.1#



#35

Methylcyclohexane

Concen: 0.843 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039809.D

Acq: 08 Aug 2020 14:30

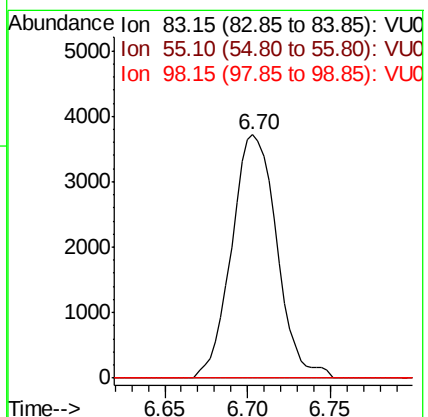
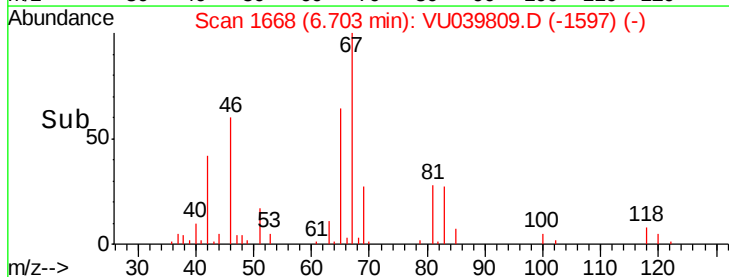
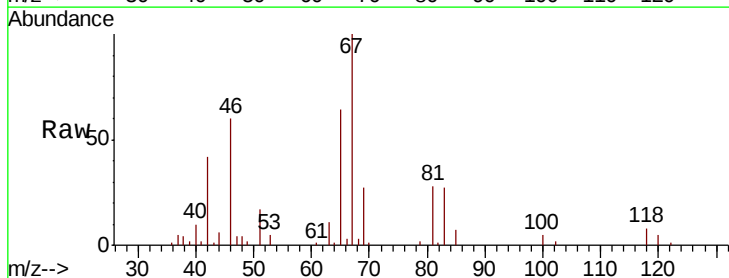
Tgt Ion: 83 Resp: 7044

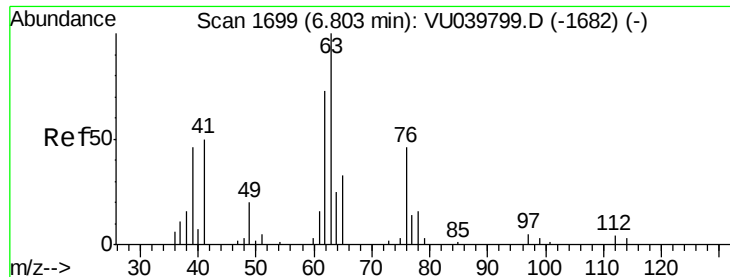
Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 0.0 39.0 58.4#

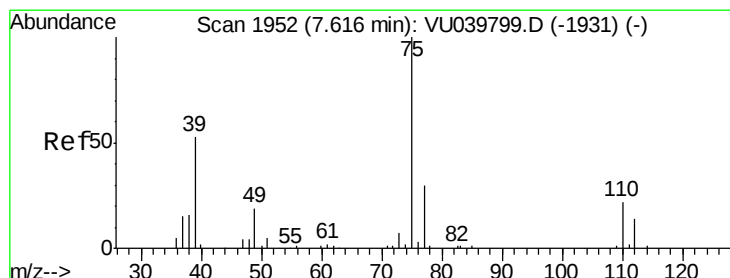
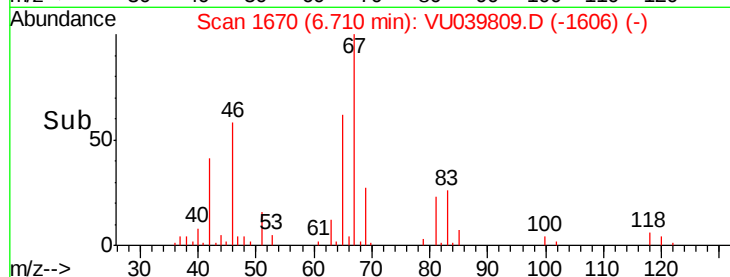
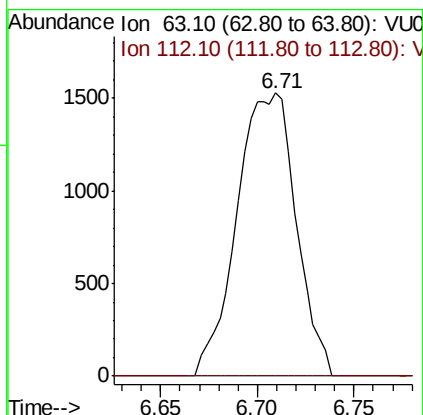
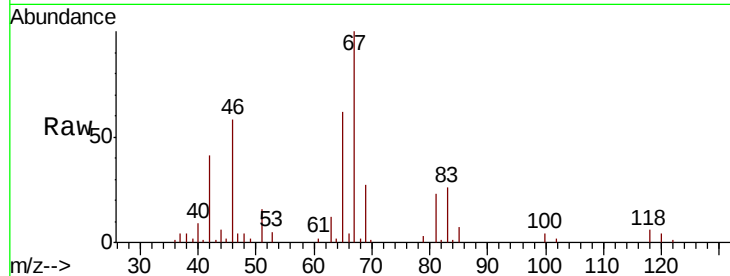




#37
 1,2-Dichloropropane
 Concen: 0.605 ug/L
 RT: 6.71 min Scan# 1670
 Delta R.T. -0.09 min
 Lab File: VU039809.D
 Acq: 08 Aug 2020 14:30

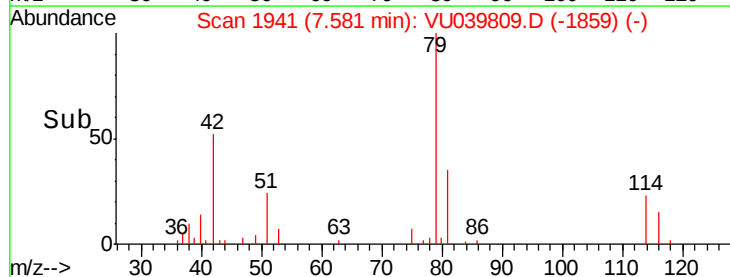
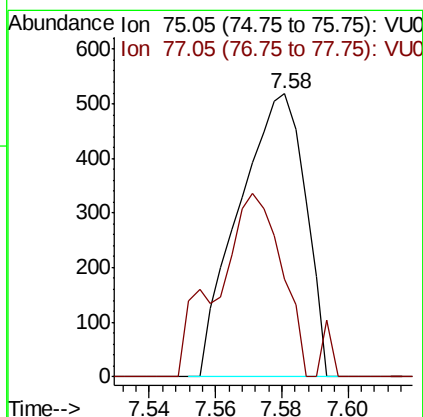
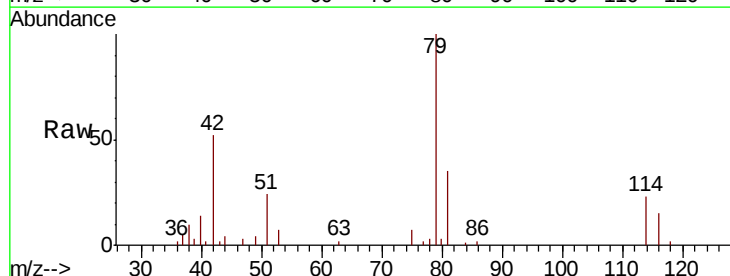
Instrument :
 MSVOA_U
 ClientSampleId :

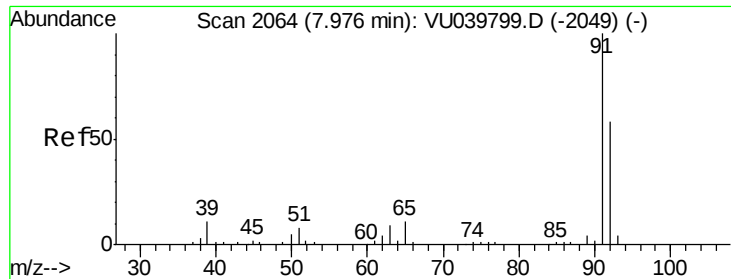
Tot Ion: 63 Resp: 3242
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.58 min Scan# 1941
 Delta R.T. -0.04 min
 Lab File: VU039809.D
 Acq: 08 Aug 2020 14:30

Tgt Ion: 75 Resp: 723
 Ion Ratio Lower Upper
 75 100
 77 34.4 22.4 41.6





#42

Toluene

Concen: 0.095 ug/L

RT: 7.99 min Scan# 2067

Delta R.T. 0.01 min

Lab File: VU039809.D

Acq: 08 Aug 2020 14:30

Instrument :

MSVOA_U

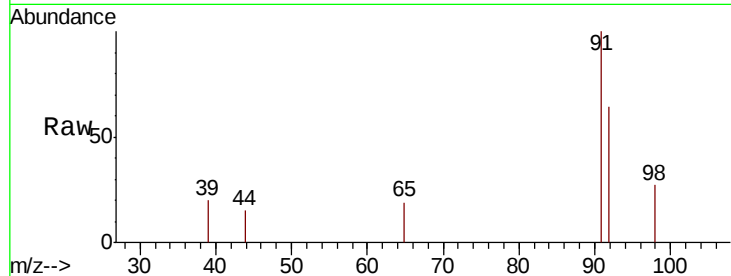
ClientSampleId :

Tot Ion: 91 Resp: 2007

Ion Ratio Lower Upper

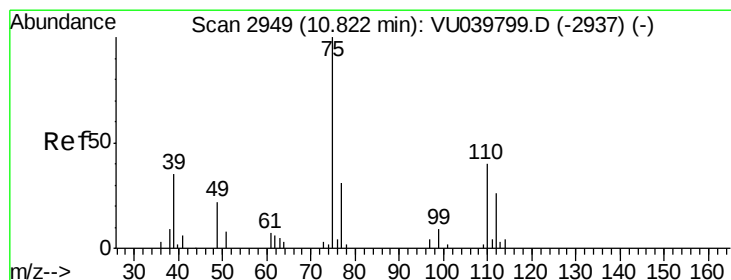
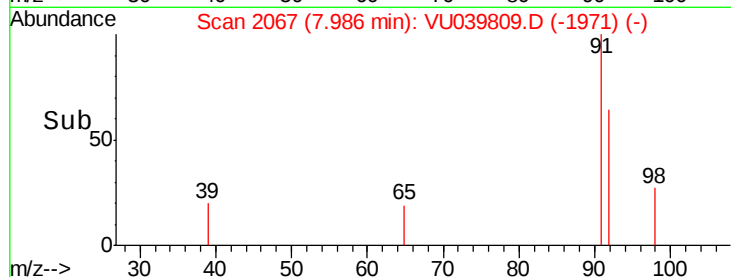
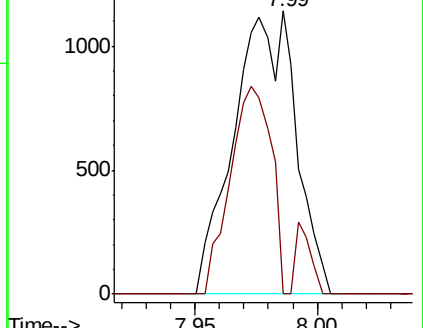
91 100

92 0.0 41.6 77.3#



Abundance Ion 91.15 (90.85 to 91.85): VU039799.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU039799.D (-2049) (-)



#59

1,2,3-Trichloropropane

Concen: 1.133 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039809.D

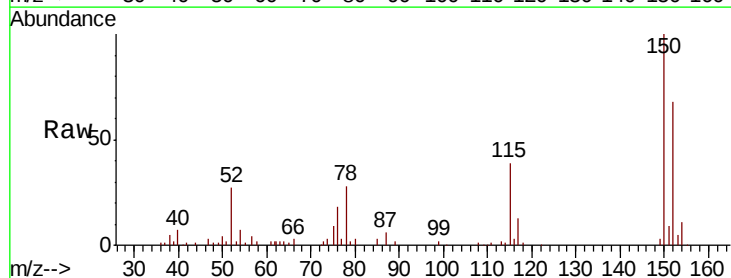
Acq: 08 Aug 2020 14:30

Tgt Ion: 75 Resp: 4377

Ion Ratio Lower Upper

75 100

77 42.6 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): VU039799.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU039799.D (-2937) (-)

