

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072420\
 Data File : VU039662.D
 Acq On : 24 Jul 2020 14:43
 Operator : SY/MD
 Sample : L3419-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 06:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	206179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	195780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	92490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	63152	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.10%
7) Chloroethane-d5	1.92	69	60541	37.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.28%
11) 1,1-Dichloroethene-d2	2.58	63	101352	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	4.64	46	140141	90.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.44%
24) Chloroform-d	5.09	84	141911	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.72	65	100363	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.75	84	270354	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
36) 1,2-Dichloropropane-d6	6.71	67	86643	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.20%
41) Toluene-d8	7.91	98	247380	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%
43) trans-1,3-Dichloropropene-	8.19	79	40602	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.64	63	89171	91.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.70%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	128025	45.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.70%
64) 1,2-Dichlorobenzene-d4	12.19	152	97126	48.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.04%

Target Compounds

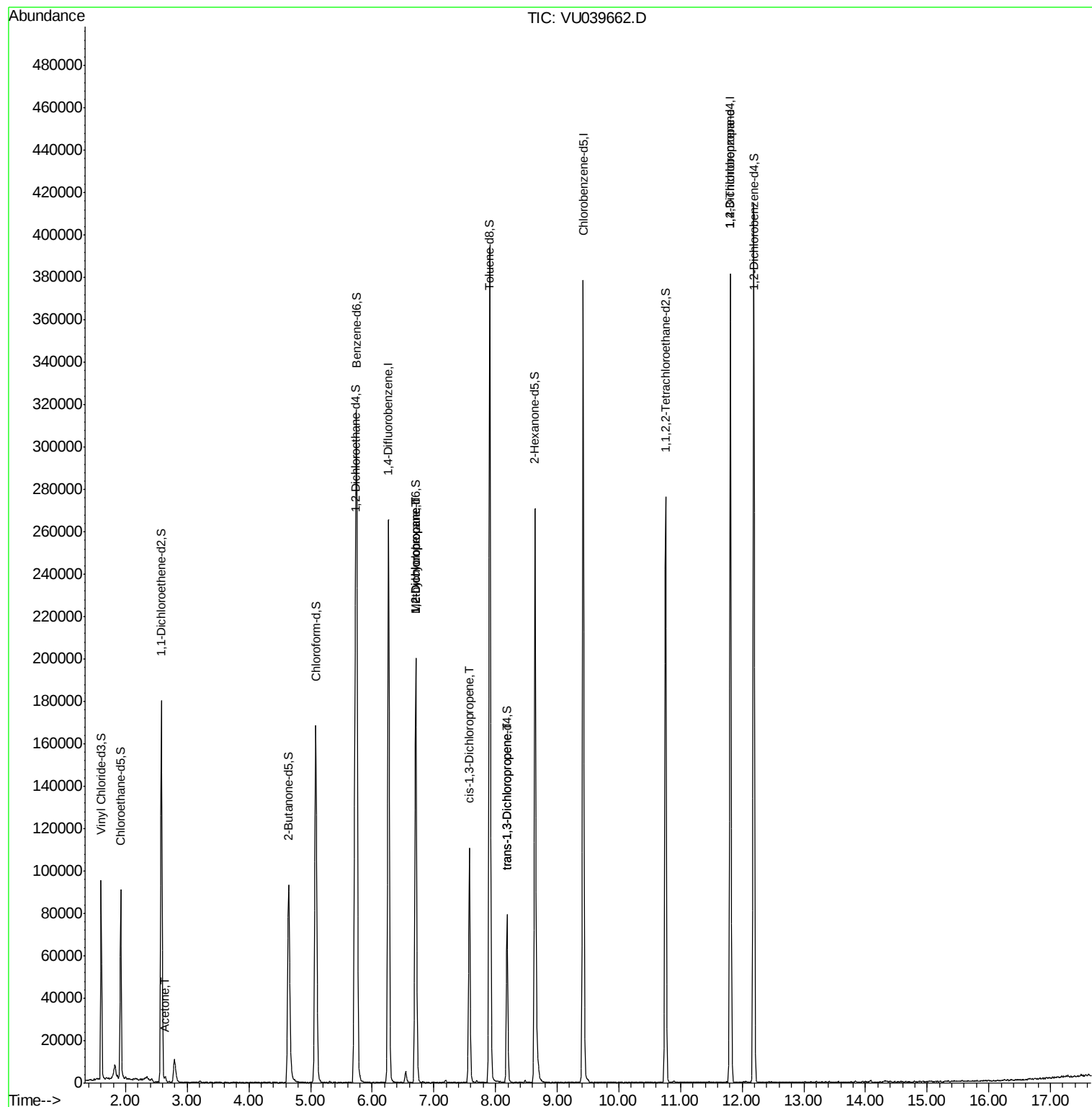
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.64	43	2466	2.391	ug/L	77
35) Methylcyclohexane	6.70	83	20581	9.326	ug/L #	18
37) 1,2-Dichloropropane	6.71	63	10719	7.338	ug/L #	89
39) cis-1,3-Dichloropropene	7.57	75	3116	1.427	ug/L #	41
44) trans-1,3-Dichloropropene	8.19	75	2254	1.054	ug/L	86
59) 1,2,3-Trichloropropane	11.81	75	13050	6.156	ug/L #	87

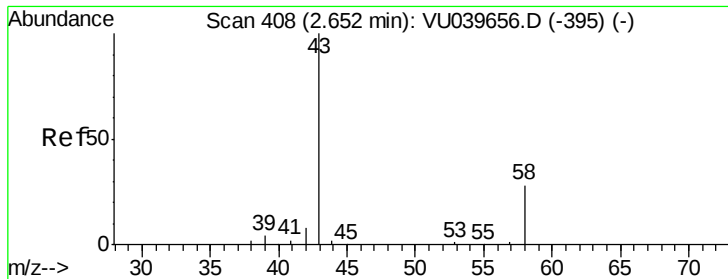
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 06:47:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.391 ug/L

RT: 2.64 min Scan# 405

Delta R.T. -0.01 min

Lab File: VU039662.D

Acq: 24 Jul 2020 14:43

Instrument :

MSVOA_U

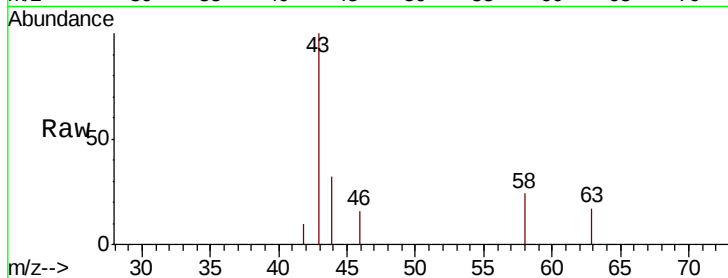
ClientSampleId :

Tot Ion: 43 Resp: 2466

Ion Ratio Lower Upper

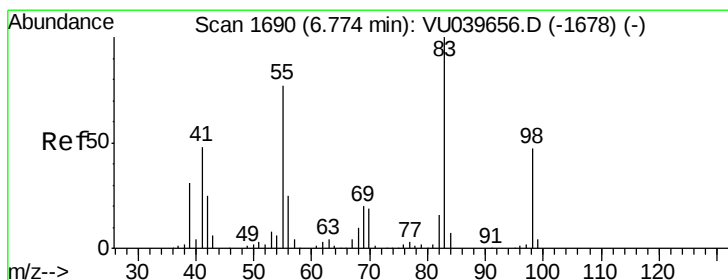
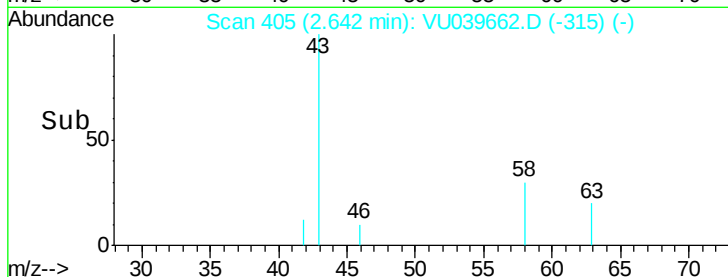
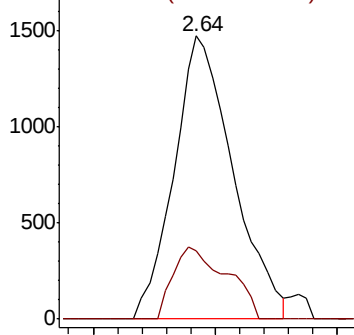
43 100

58 17.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU039662.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU039662.D (-315) (-)



#35

Methylcyclohexane

Concen: 9.326 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039662.D

Acq: 24 Jul 2020 14:43

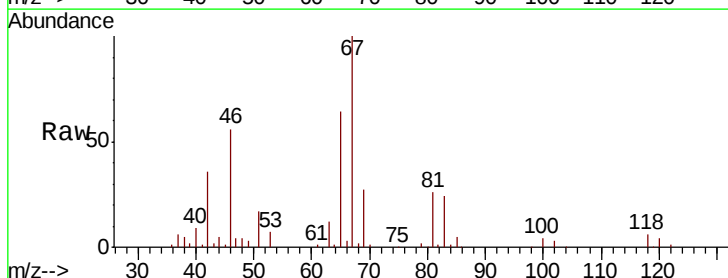
Tgt Ion: 83 Resp: 20581

Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

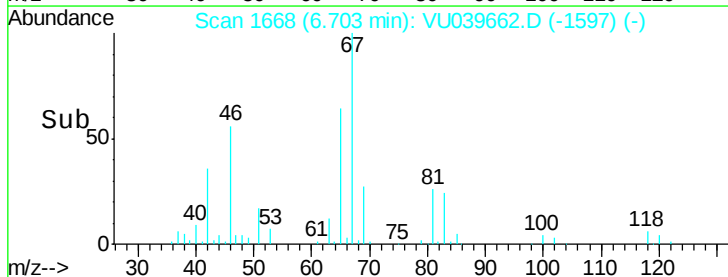
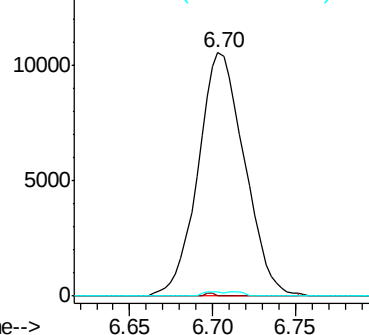
98 0.8 36.3 54.5#

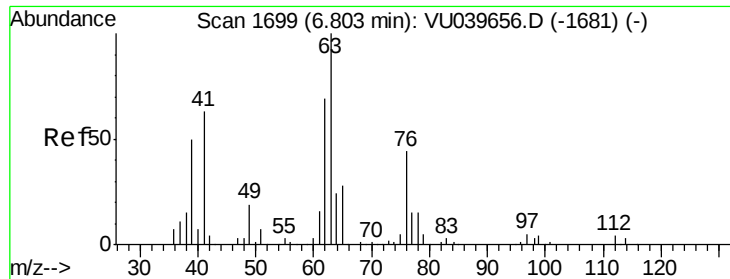


Abundance Ion 83.00 (82.70 to 83.70): VU039662.D (-1597) (-)

Ion 55.00 (54.70 to 55.70): VU039662.D (-1597) (-)

Ion 98.00 (97.70 to 98.70): VU039662.D (-1597) (-)

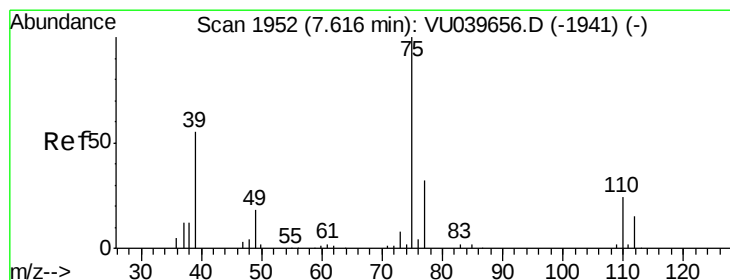
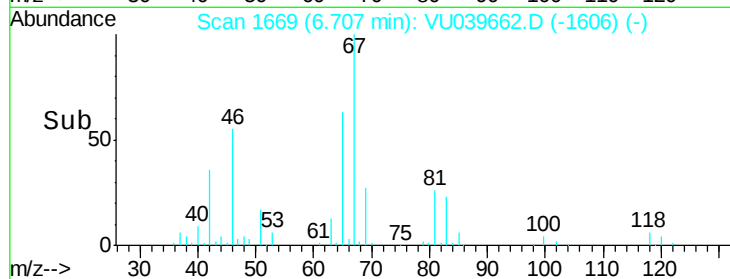
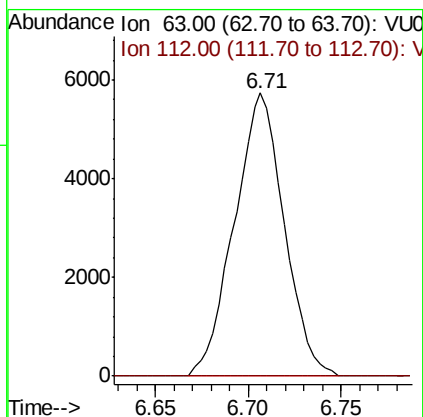
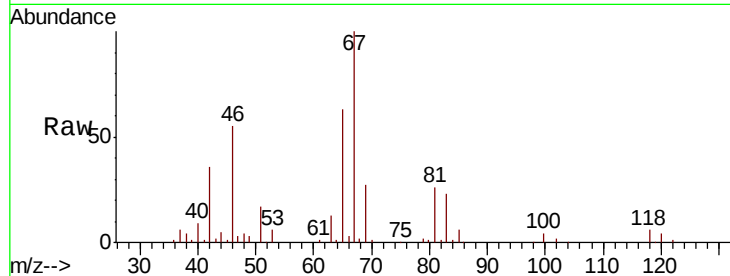




#37
 1,2-Dichloropropane
 Concen: 7.338 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU039662.D
 Acq: 24 Jul 2020 14:43

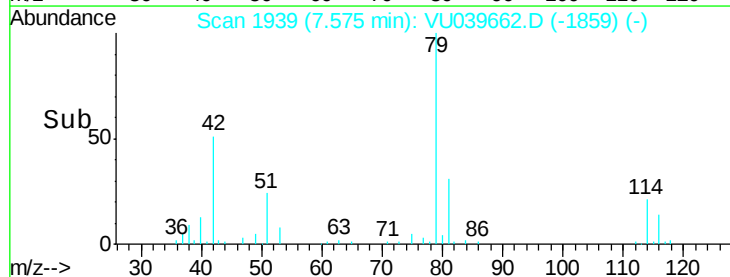
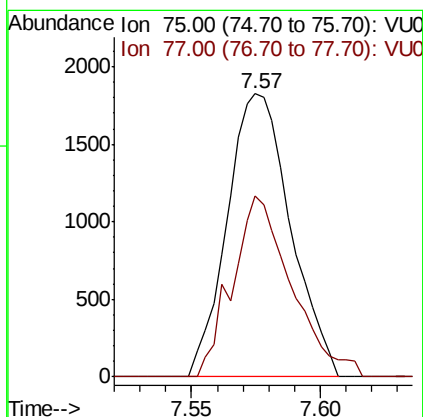
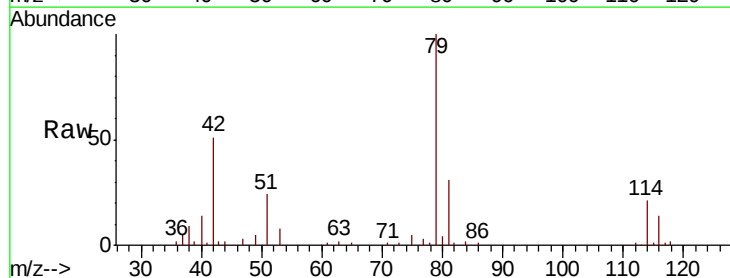
Instrument :
 MSVOA_U
 ClientSampleId :

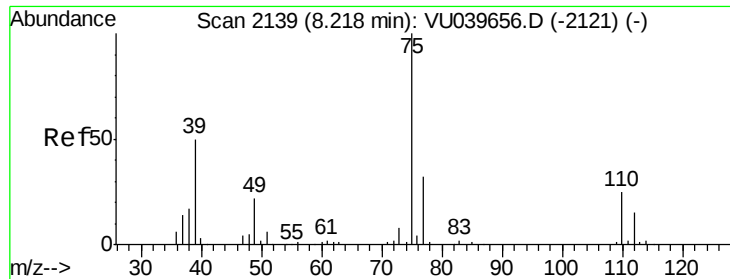
Tot Ion: 63 Resp: 10719
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 1.427 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039662.D
 Acq: 24 Jul 2020 14:43

Tgt Ion: 75 Resp: 3116
 Ion Ratio Lower Upper
 75 100
 77 63.9 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 1.054 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU039662.D

Acq: 24 Jul 2020 14:43

Instrument :

MSVOA_U

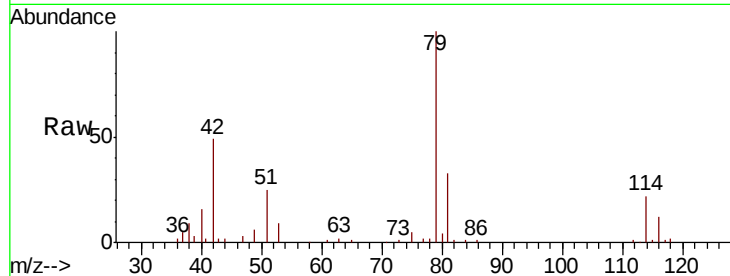
ClientSampled :

Tot Ion: 75 Resp: 2254

Ion Ratio Lower Upper

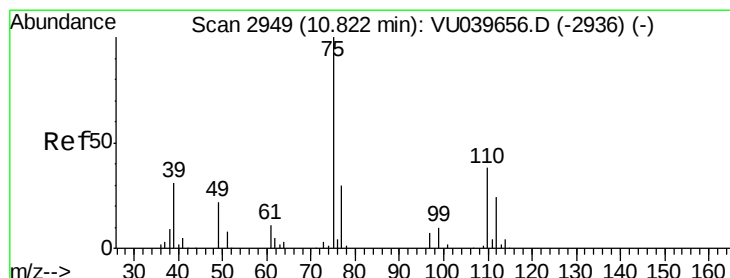
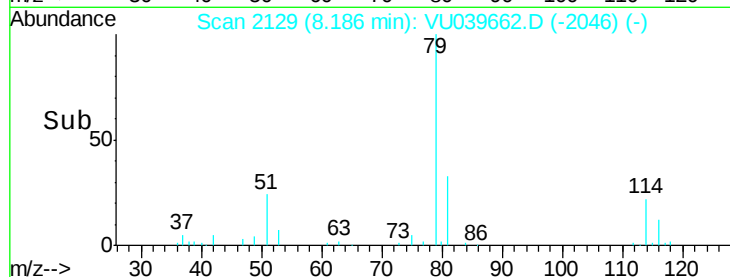
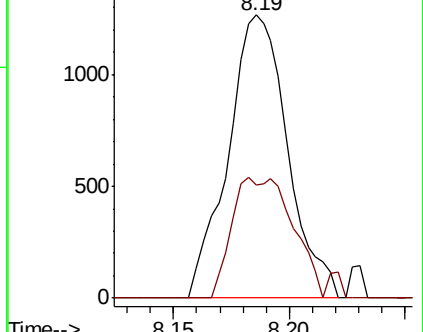
75 100

77 40.1 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU039662.D (-2046) (-)

Ion 77.00 (76.70 to 77.70): VU039662.D (-2046) (-)



#59

1,2,3-Trichloropropane

Concen: 6.156 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039662.D

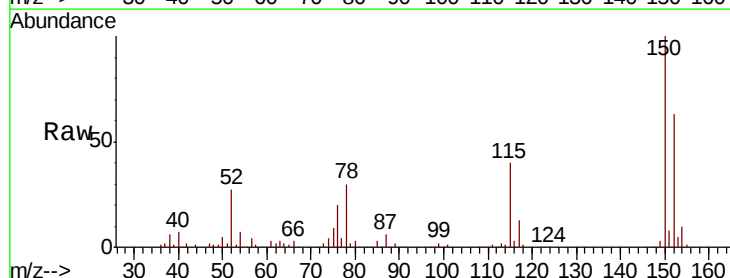
Acq: 24 Jul 2020 14:43

Tgt Ion: 75 Resp: 13050

Ion Ratio Lower Upper

75 100

77 39.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU039662.D (-2327) (-)

Ion 77.00 (76.70 to 77.70): VU039662.D (-2327) (-)

