

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040146.D
 Acq On : 16 Sep 2020 14:30
 Operator : SY/MD
 Sample : L4041-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA6

Quant Time: Sep 17 01:11:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109630	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26423	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	24955	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	45908	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.66	46	101287	42.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.62%
24) Chloroform-d	5.08	84	57625	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.72	65	37756	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.74	84	107941	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.70	67	36719	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	87249	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.19	79	14198	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.64	63	70674	38.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31929	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	33665	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

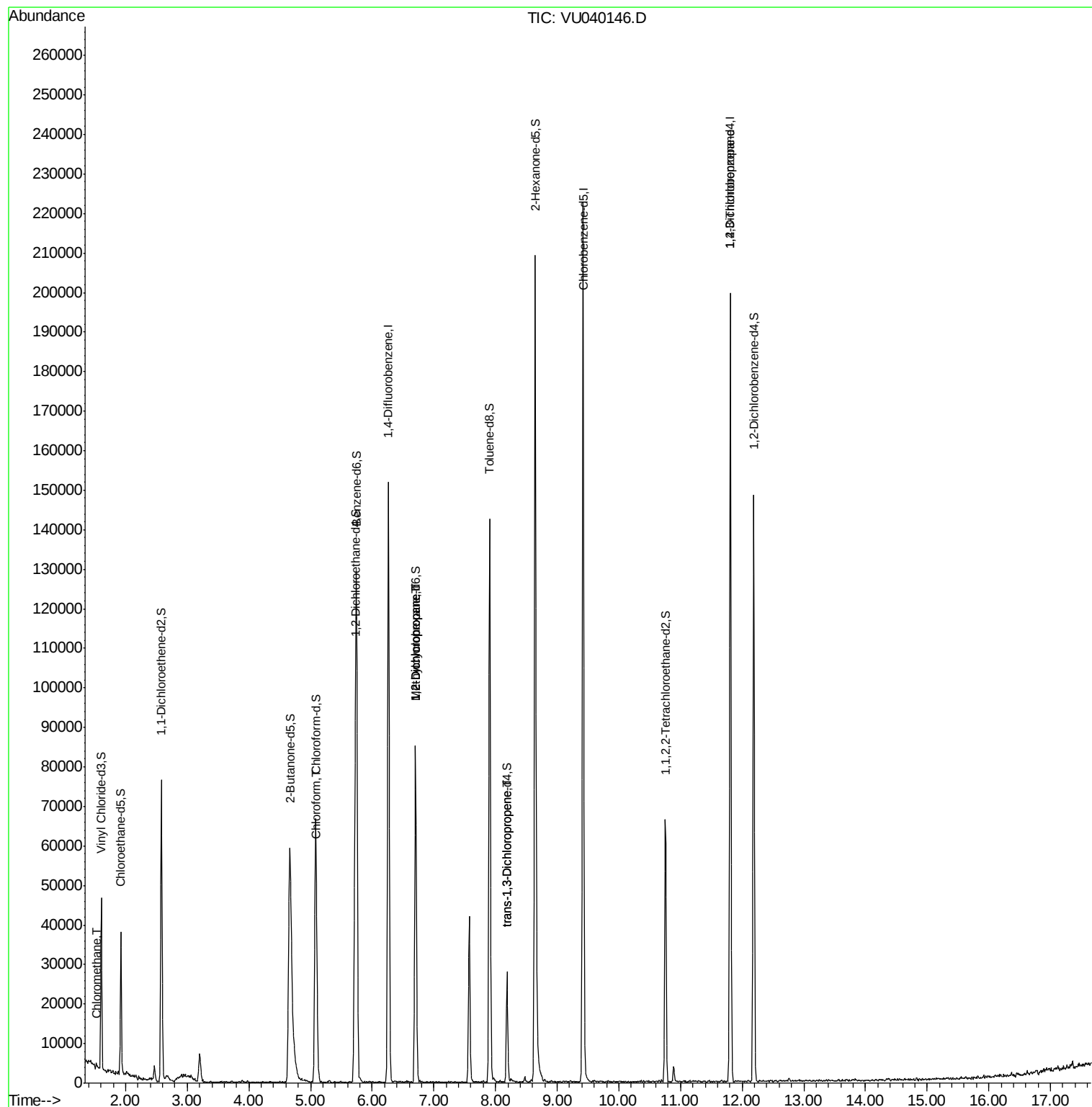
					Ovalue
3) Chloromethane	1.53	50	1086	0.104	ug/L 94
25) Chloroform	5.11	83	4626	0.240	ug/L 96
35) Methylcyclohexane	6.71	83	8805	0.545	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	4683	0.439	ug/L # 88
44) trans-1,3-Dichloropropene	8.19	75	759	0.052	ug/L # 9
59) 1,2,3-Trichloropropane	11.81	75	7184	0.910	ug/L # 82

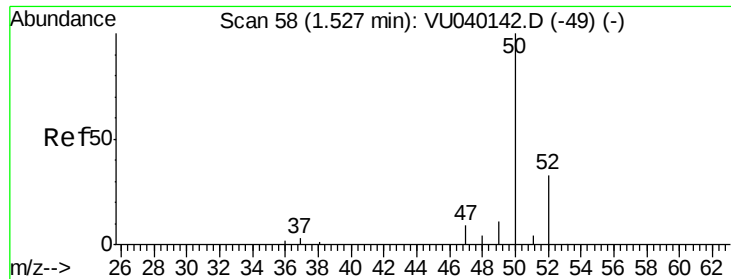
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.104 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040146.D

Acq: 16 Sep 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

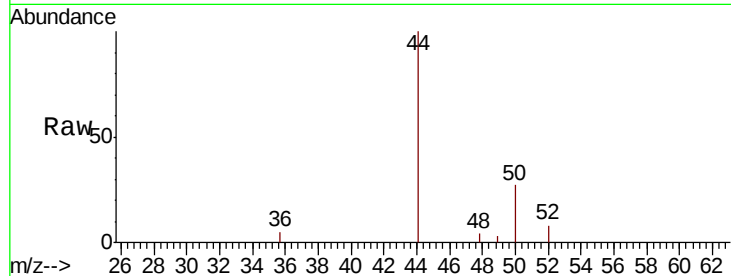
C0AA6

Tot Ion: 50 Resp: 1086

Ion Ratio Lower Upper

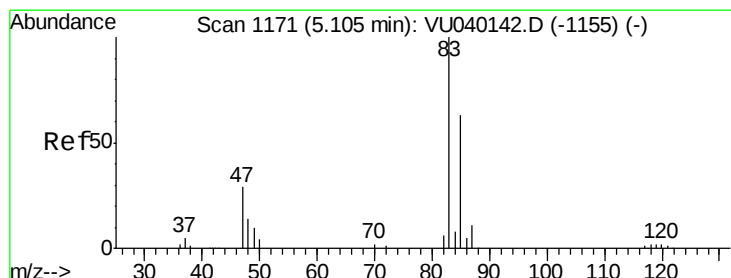
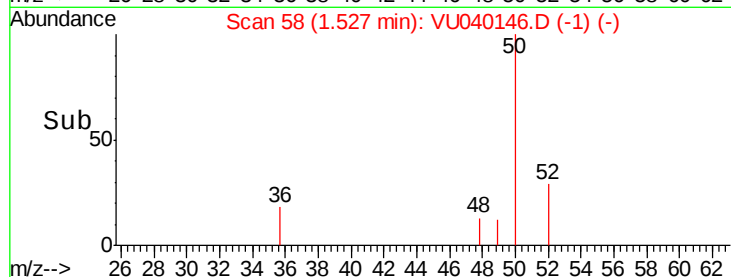
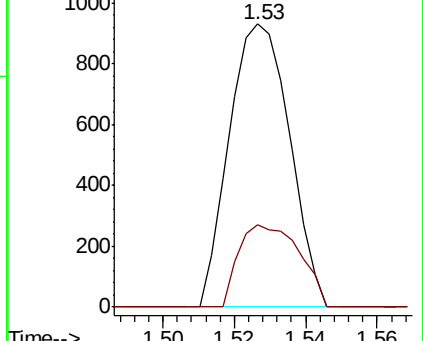
50 100

52 29.1 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#25

Chloroform

Concen: 0.240 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040146.D

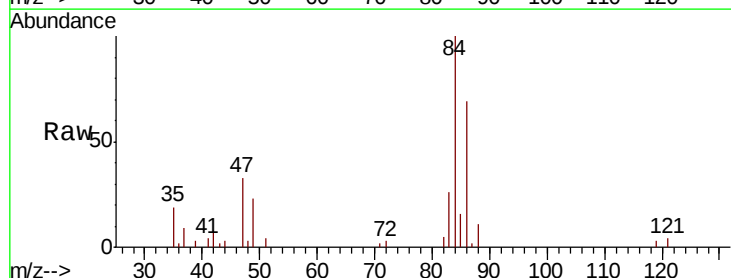
Acq: 16 Sep 2020 14:30

Tgt Ion: 83 Resp: 4626

Ion Ratio Lower Upper

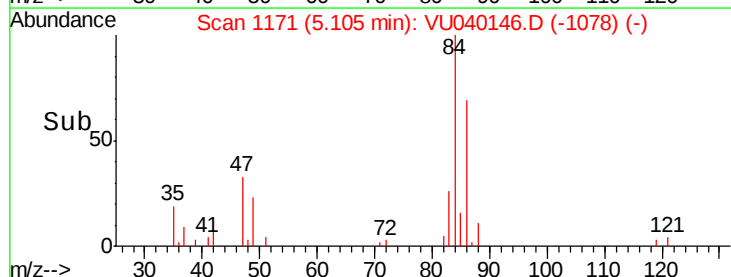
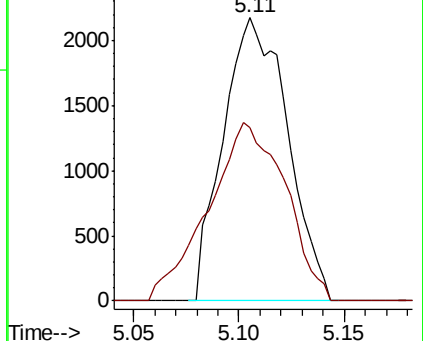
83 100

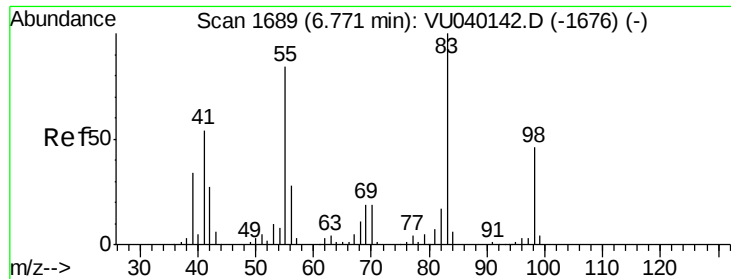
85 61.3 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

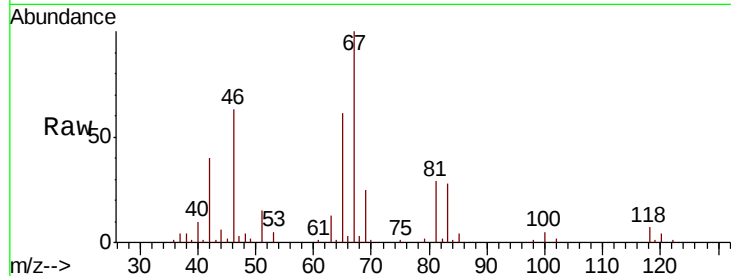




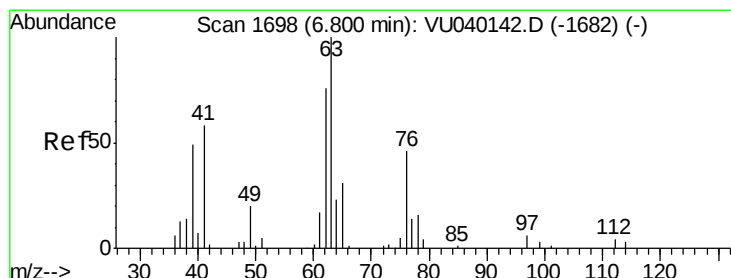
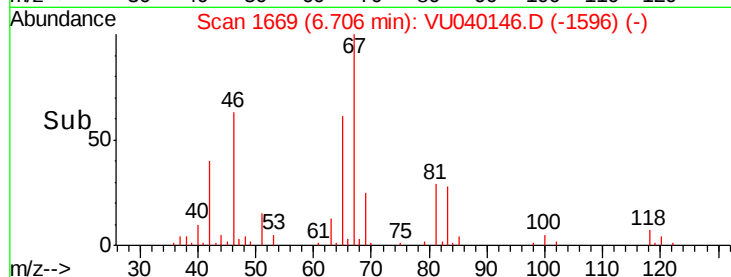
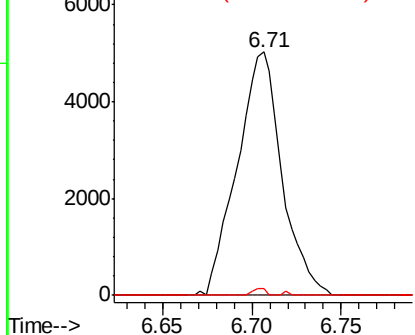
#35
Methvlcvclohexane
Concen: 0.545 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.06 min
Lab File: VU040146.D
Acq: 16 Sep 2020 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0AA6

Tot Ion: 83 Resp: 8805
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.8 37.8 56.6#

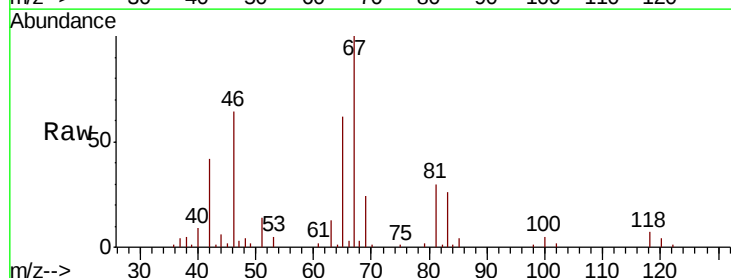


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

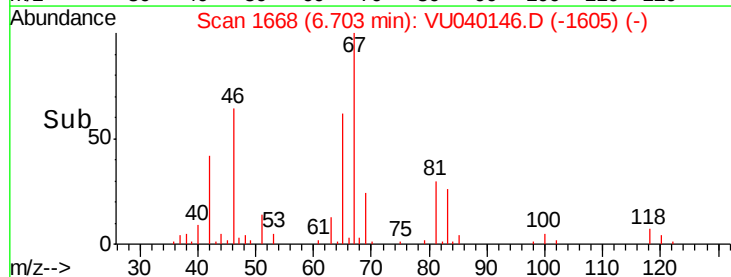
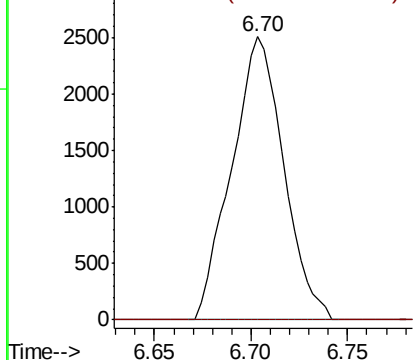


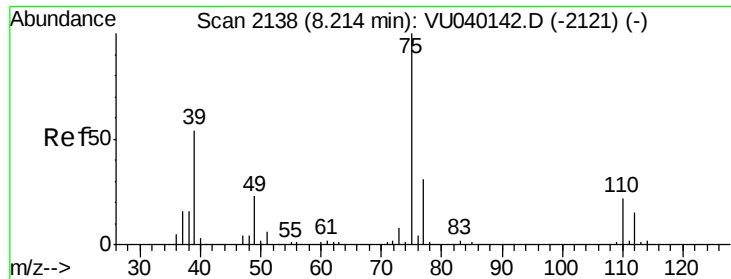
#37
1,2-Dichloropropane
Concen: 0.439 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040146.D
Acq: 16 Sep 2020 14:30

Tgt Ion: 63 Resp: 4683
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.052 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040146.D

Acq: 16 Sep 2020 14:30

Instrument :

MSVOA_U

ClientSampleId :

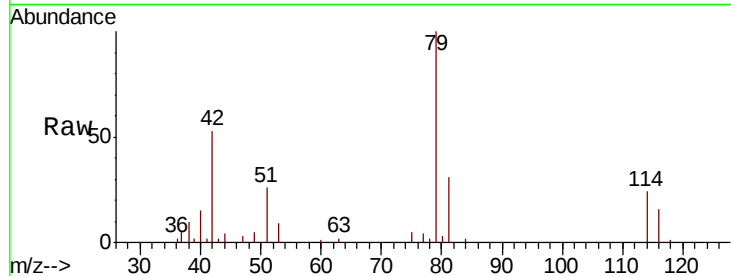
C0AA6

Tot Ion: 75 Resp: 759

Ion Ratio Lower Upper

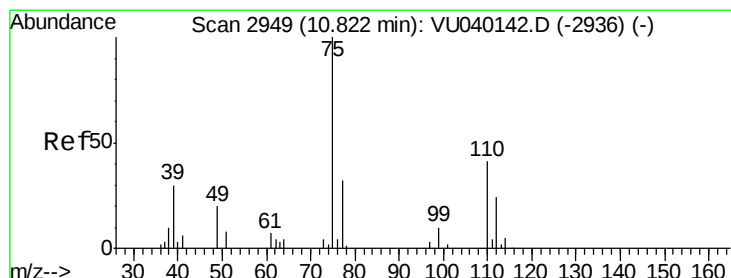
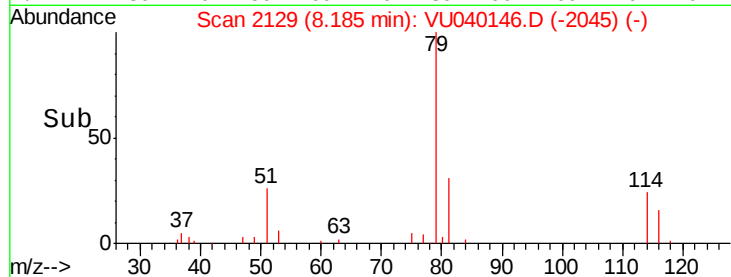
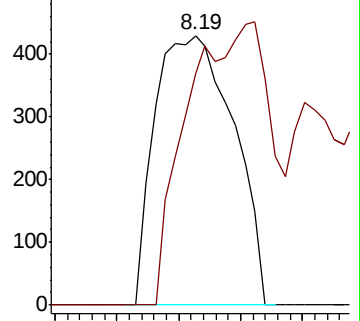
75 100

77 86.3 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.910 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040146.D

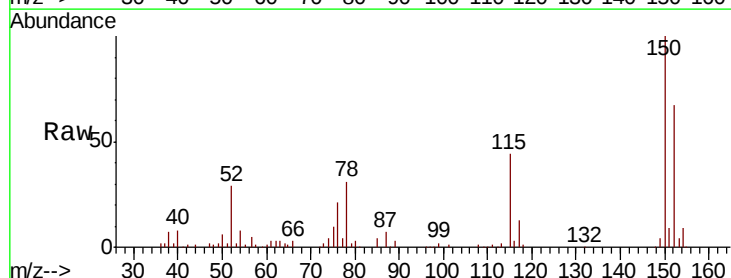
Acq: 16 Sep 2020 14:30

Tgt Ion: 75 Resp: 7184

Ion Ratio Lower Upper

75 100

77 41.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

