

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041197.D
 Acq On : 11 Nov 2020 12:09
 Operator : SY/MD
 Sample : L4646-14DL2 500X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T8DL2

Quant Time: Nov 11 13:26:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 13:19:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58192	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25437	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	12871	2.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.60%
7) Chloroethane-d5	1.92	69	15005	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.58	63	21914	2.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	4.66	46	88367	54.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.78%
24) Chloroform-d	5.08	84	44064	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.72	65	27140	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	70984	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.70	67	23835	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.91	98	58789	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.19	79	10045	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	65075	50.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21935	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	24686	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

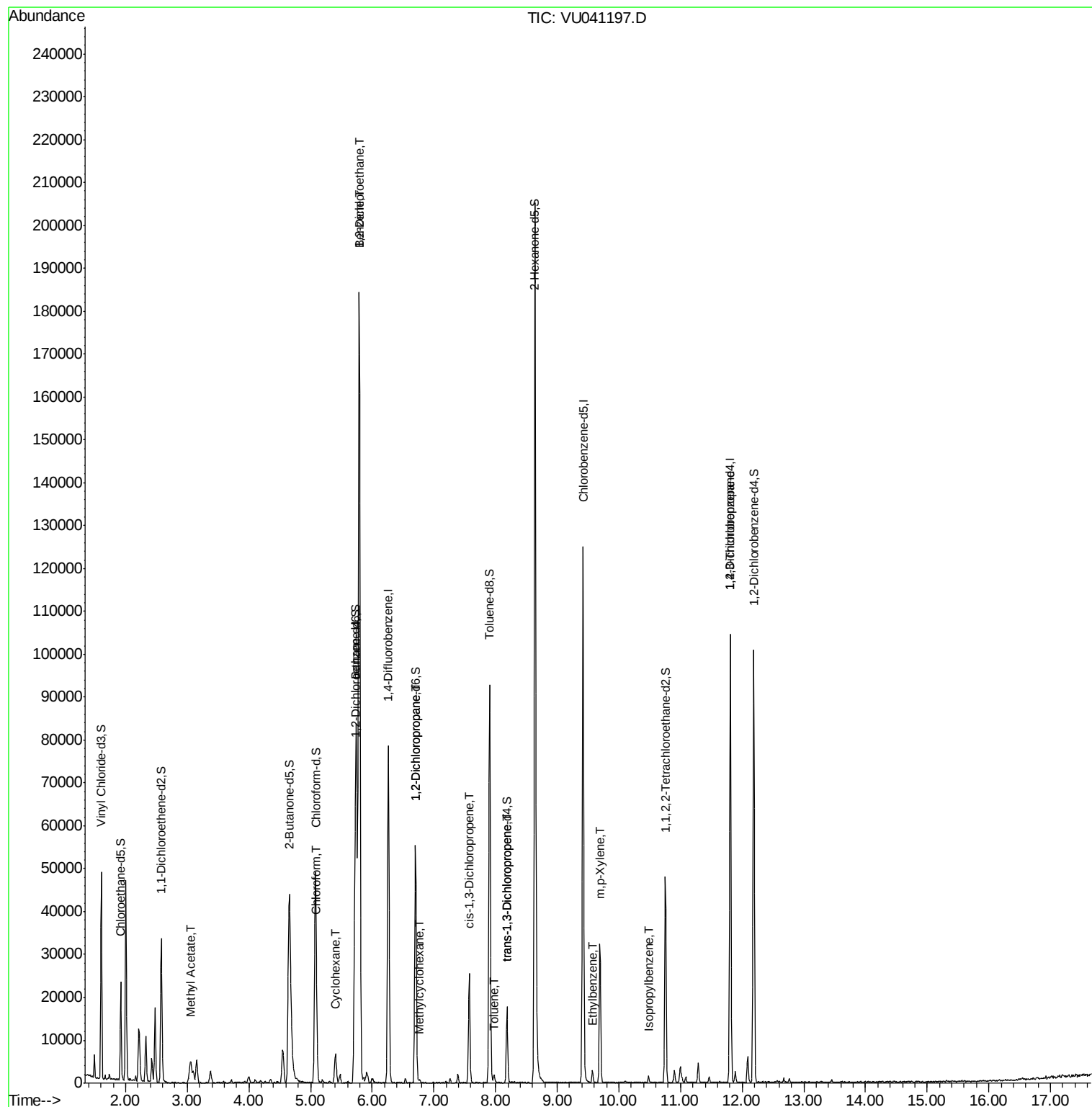
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	3.05	43	2683	1.065	ug/L #	53
25) Chloroform	5.11	83	1280	0.153	ug/L	94
27) 1,2-Dichloroethane	5.79	62	2488	0.399	ug/L #	74
30) Cyclohexane	5.41	56	3047	0.396	ug/L	98
33) Benzene	5.79	78	167052	8.753	ug/L	100
35) Methylcyclohexane	6.78	83	536	0.074	ug/L #	31
37) 1,2-Dichloropropane	6.70	63	2868	0.555	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	613	0.086	ug/L #	52
42) Toluene	7.97	91	1285	0.066	ug/L	96
44) trans-1,3-Dichloropropene	8.19	75	386	0.058	ug/L #	81
52) Ethylbenzene	9.57	91	2390	0.117	ug/L	99
53) m,p-Xylene	9.69	106	8271	1.113	ug/L	96
56) Isopropylbenzene	10.48	105	1292	0.069	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	3518	0.914	ug/L	91

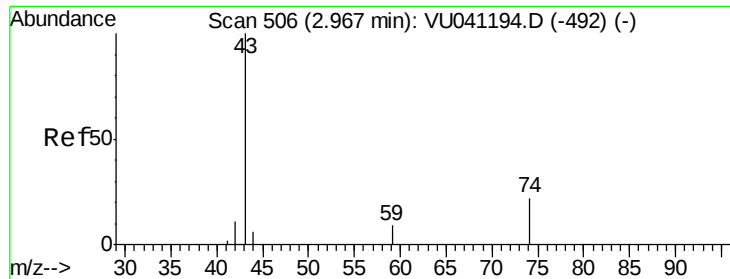
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041197.D
Acq On : 11 Nov 2020 12:09
Operator : SY/MD
Sample : L4646-14DL2 500X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB0T8DL2

Quant Time: Nov 11 13:26:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 13:19:05 2020
Response via : Initial Calibration

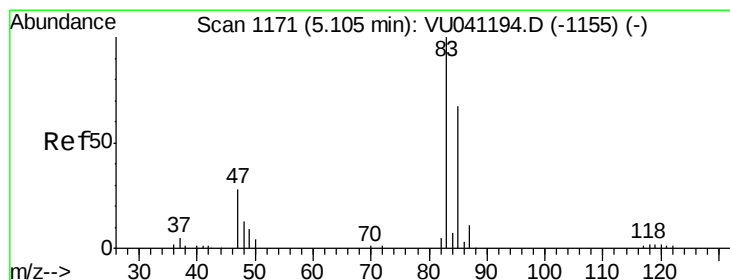
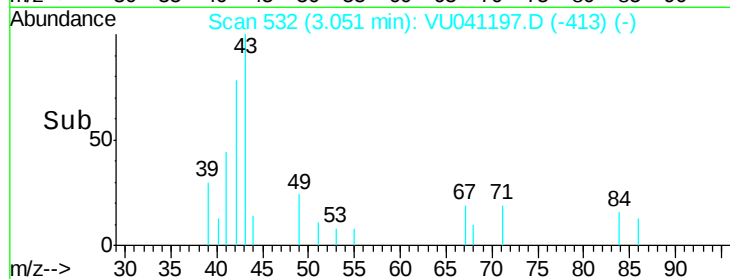
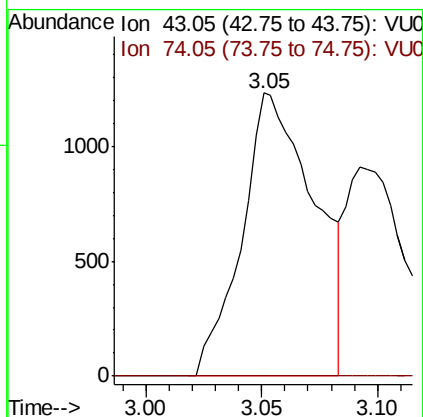
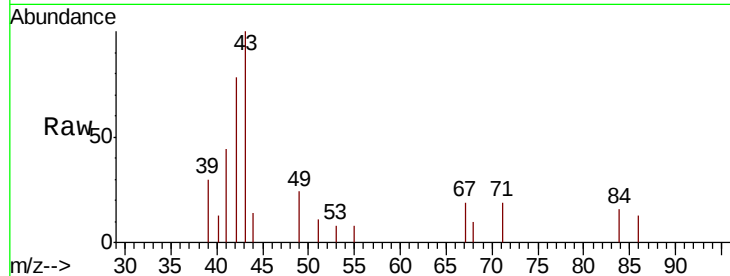




#15
Methyl Acetate
Concen: 1.065 ug/L
RT: 3.05 min Scan# 532
Delta R.T. 0.08 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

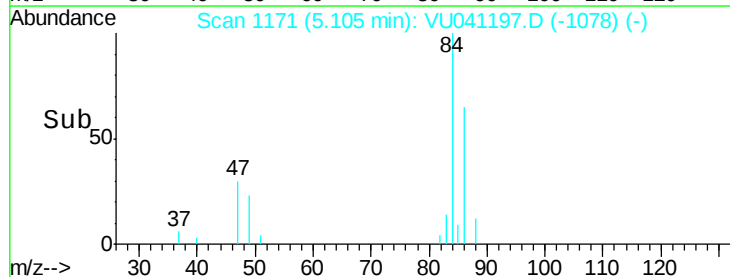
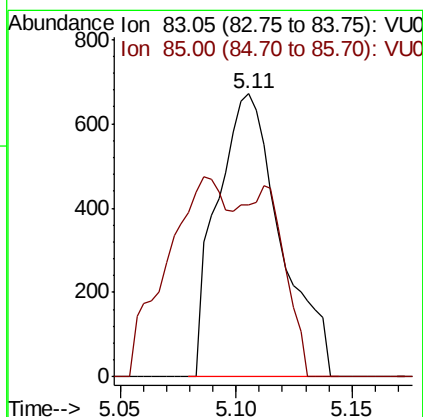
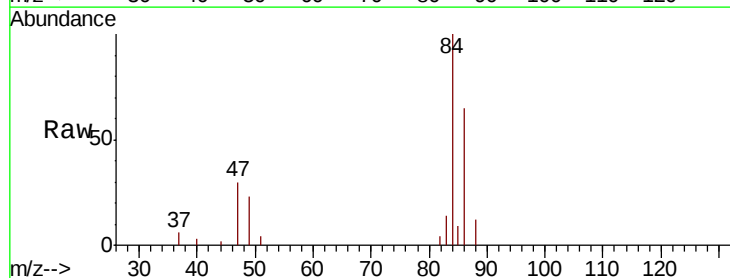
Instrument :
MSVOA_U
ClientSampleId :
GB0T8DL2

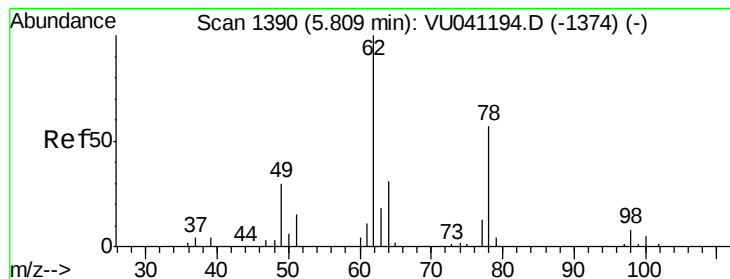
Tot Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#25
Chloroform
Concen: 0.153 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041197.D
Acq: 11 Nov 2020 12:09

Tgt Ion: 83 Resp: 1280
Ion Ratio Lower Upper
83 100
85 61.0 46.1 85.7





#27

1,2-Dichloroethane

Concen: 0.399 ug/L

RT: 5.79 min Scan# 1385

Delta R.T. -0.02 min

Lab File: VU041197.D

Acq: 11 Nov 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

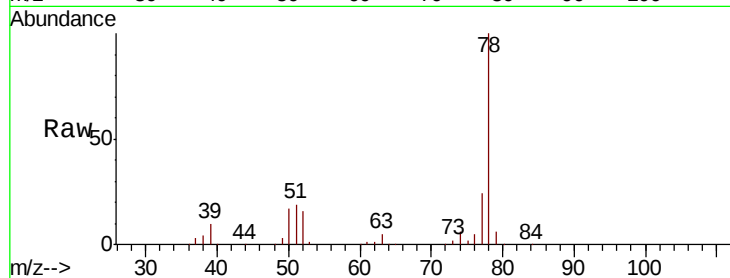
GB0T8DL2

Tot Ion: 62 Resp: 2488

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

1200

1000

800

600

400

200

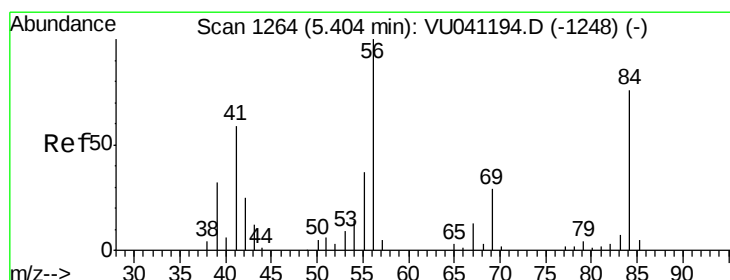
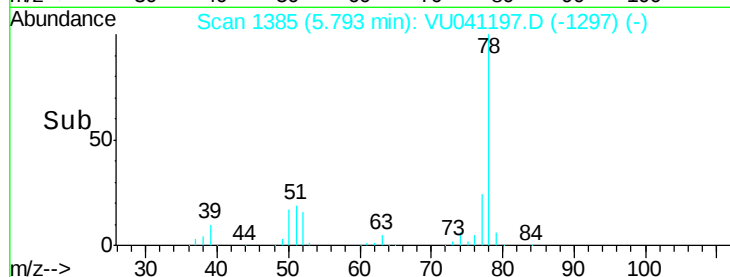
0

5.75

5.80

5.85

Time-->



#30

Cyclohexane

Concen: 0.396 ug/L

RT: 5.41 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VU041197.D

Acq: 11 Nov 2020 12:09

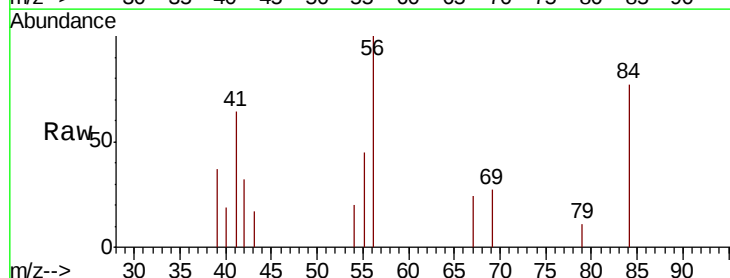
Tgt Ion: 56 Resp: 3047

Ion Ratio Lower Upper

56 100

69 29.6 22.8 34.2

84 81.3 63.6 95.4



Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

1500

1000

500

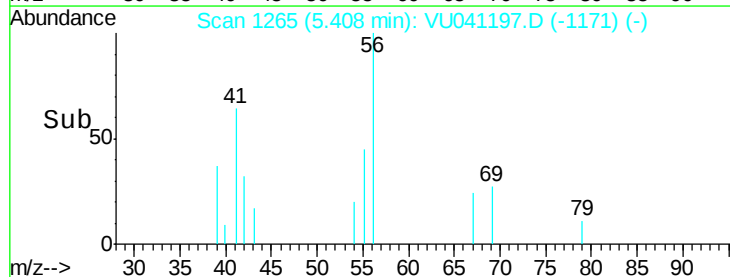
0

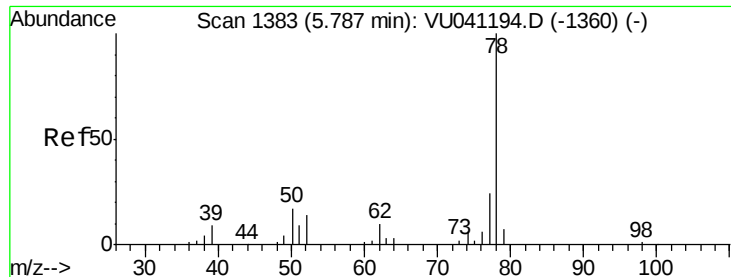
5.35

5.40

5.45

Time-->





#33

Benzene

Concen: 8.753 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041197.D

Acq: 11 Nov 2020 12:09

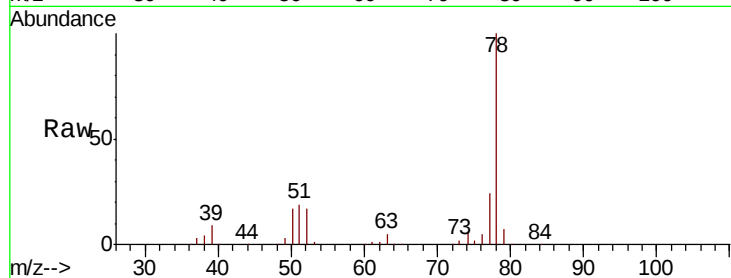
Instrument :

MSVOA_U

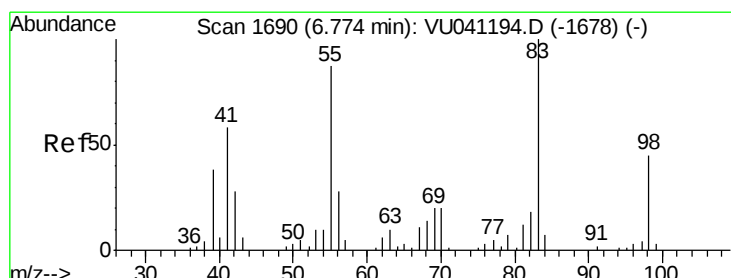
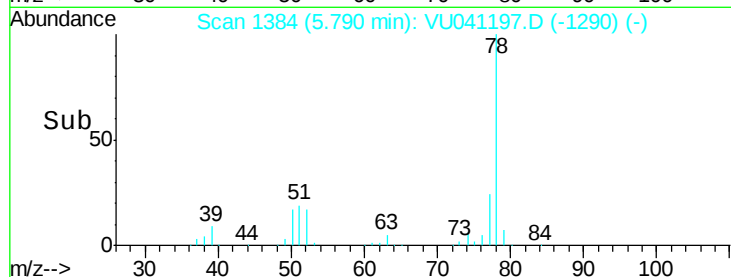
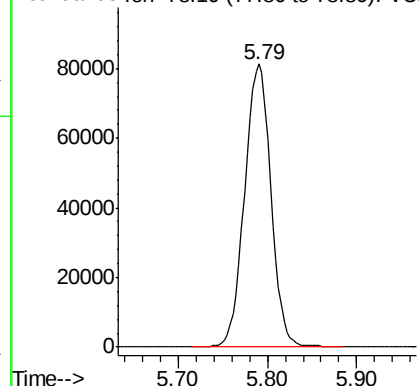
ClientSampleId :

GB0T8DL2

Tgt Ion: 78 Resp: 167052



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.074 ug/L

RT: 6.78 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VU041197.D

Acq: 11 Nov 2020 12:09

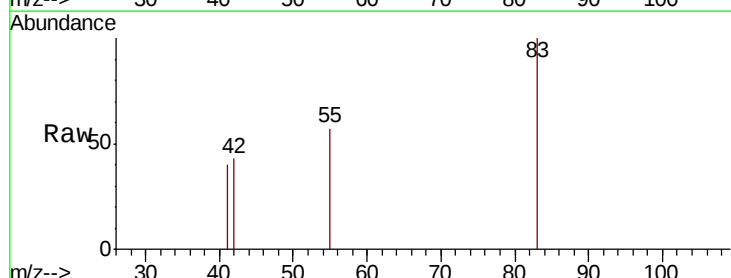
Tgt Ion: 83 Resp: 536

Ion Ratio Lower Upper

83 100

55 24.6 72.0 108.0#

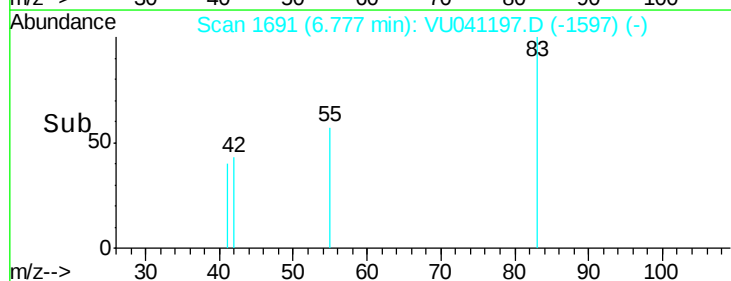
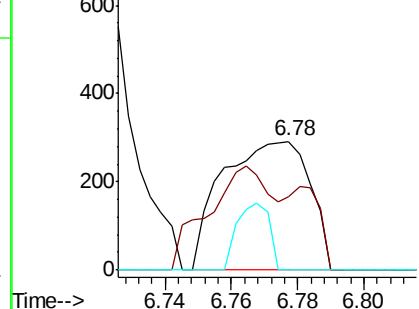
98 0.0 36.6 55.0#

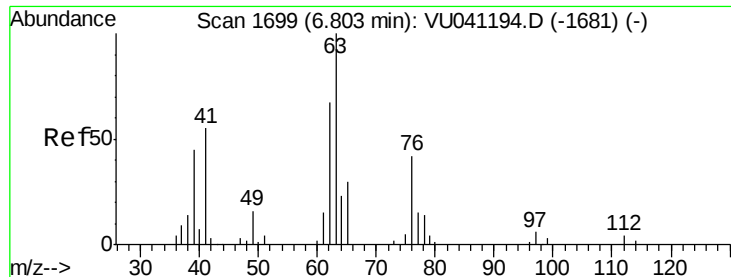


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

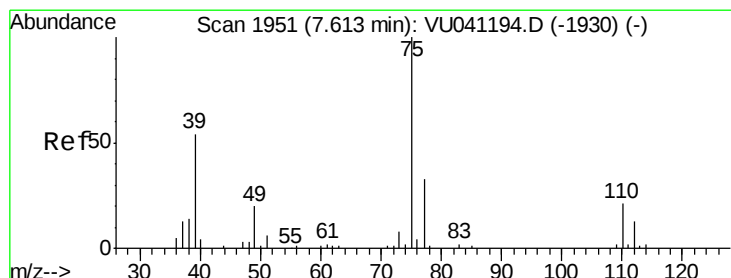
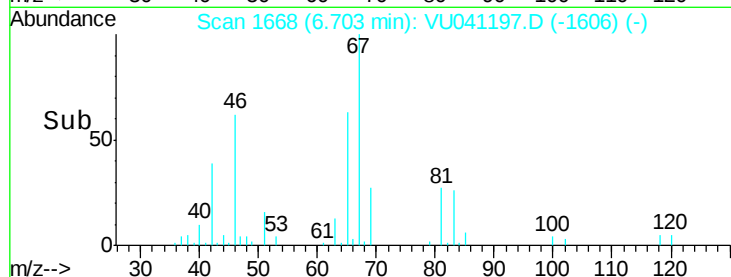
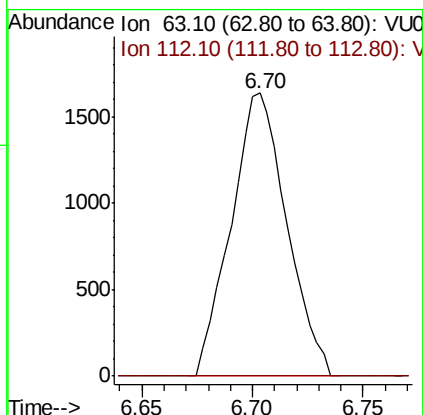
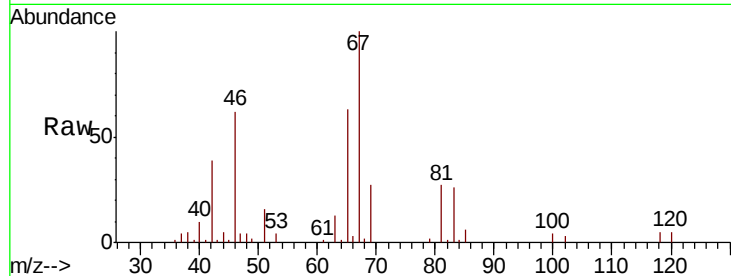




#37
 1,2-Dichloropropane
 Concen: 0.555 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041197.D
 Acq: 11 Nov 2020 12:09

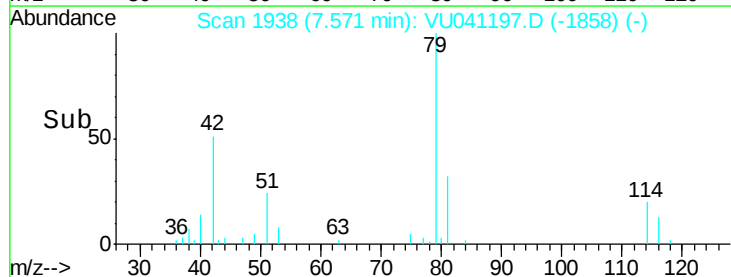
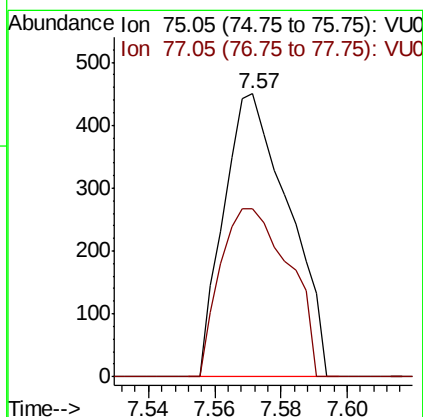
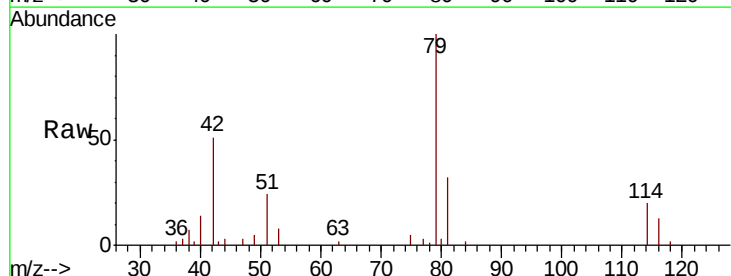
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T8DL2

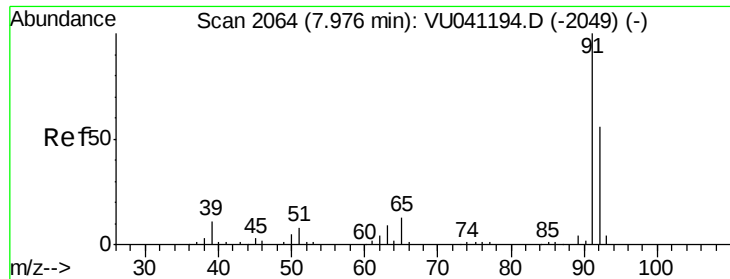
Tot Ion: 63 Resp: 2868
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041197.D
 Acq: 11 Nov 2020 12:09

Tgt Ion: 75 Resp: 613
 Ion Ratio Lower Upper
 75 100
 77 59.6 22.7 42.3#





#42

Toluene

Concen: 0.066 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041197.D

Acq: 11 Nov 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

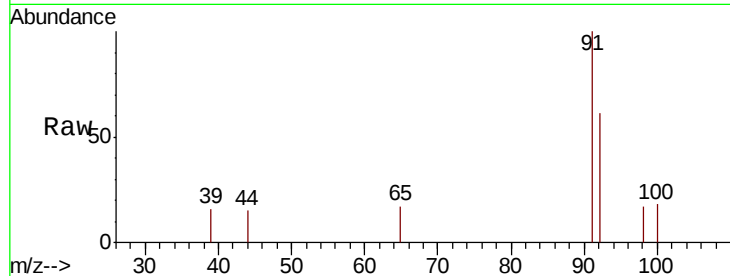
GB0T8DL2

Tot Ion: 91 Resp: 1285

Ion Ratio Lower Upper

91 100

92 61.3 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.97

800

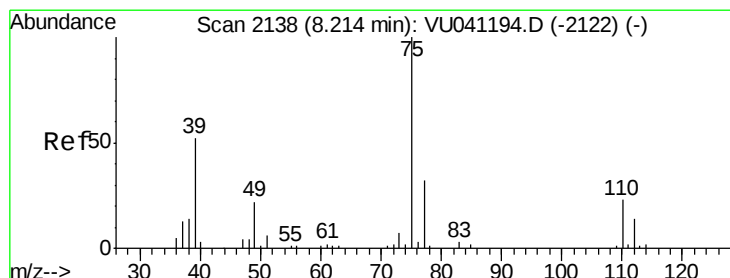
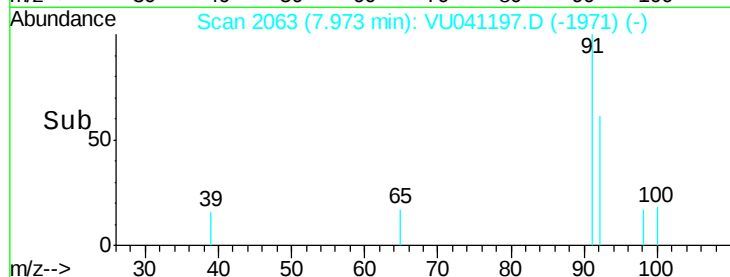
600

400

200

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041197.D

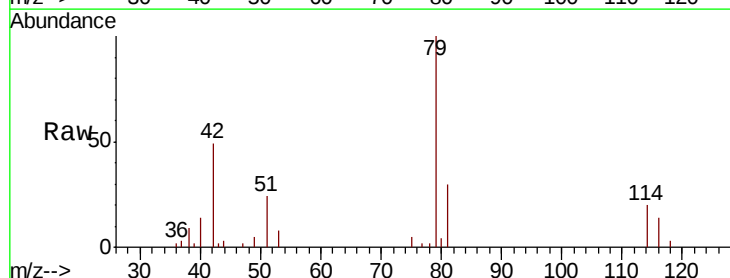
Acq: 11 Nov 2020 12:09

Tgt Ion: 75 Resp: 386

Ion Ratio Lower Upper

75 100

77 44.1 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

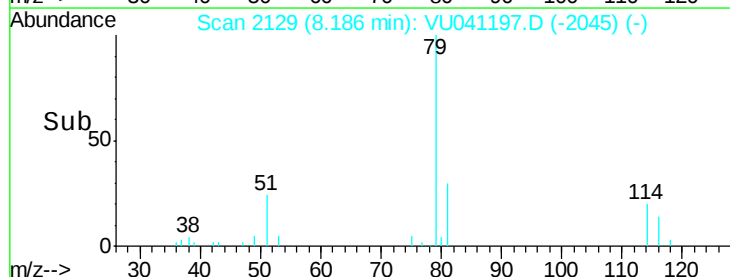
300

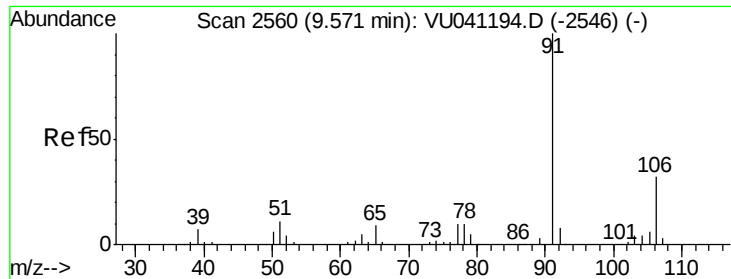
200

100

0

Time-->





#52

Ethylbenzene

Concen: 0.117 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041197.D

Acq: 11 Nov 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

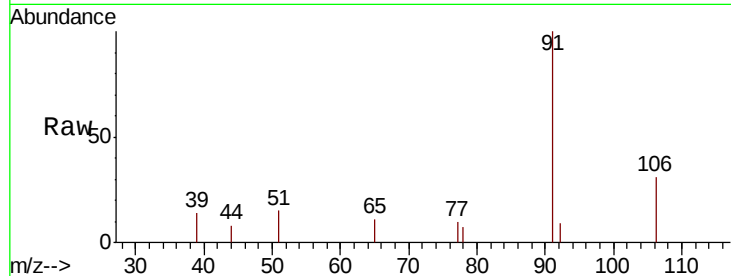
GB0T8DL2

Tot Ion: 91 Resp: 2390

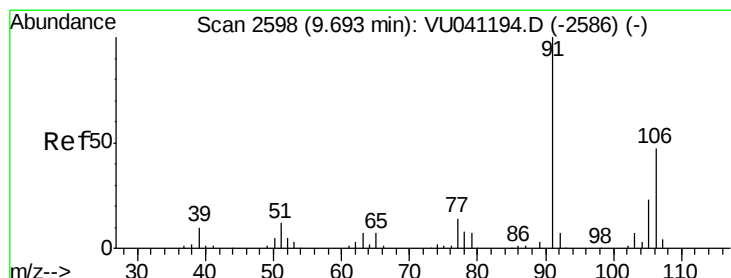
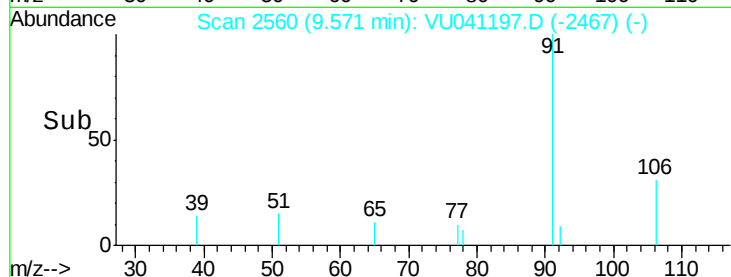
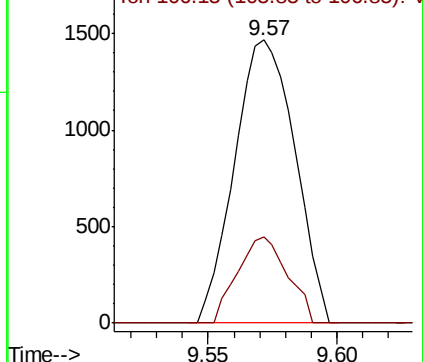
Ion Ratio Lower Upper

91 100

106 30.6 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU041197.D (-2467) (-)



#53

m,p-Xylene

Concen: 1.113 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU041197.D

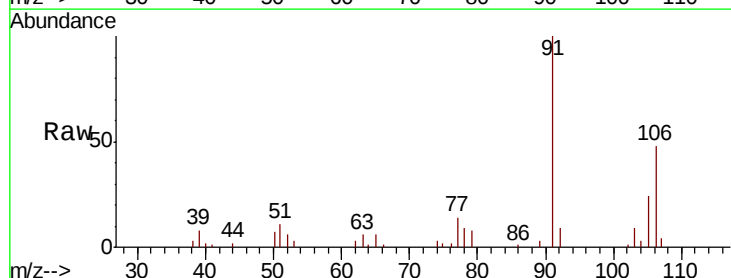
Acq: 11 Nov 2020 12:09

Tgt Ion: 106 Resp: 8271

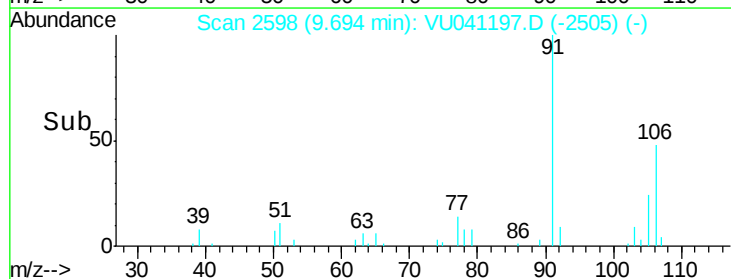
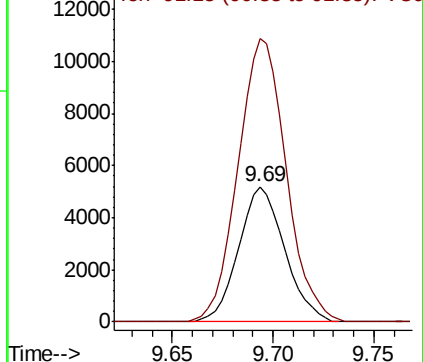
Ion Ratio Lower Upper

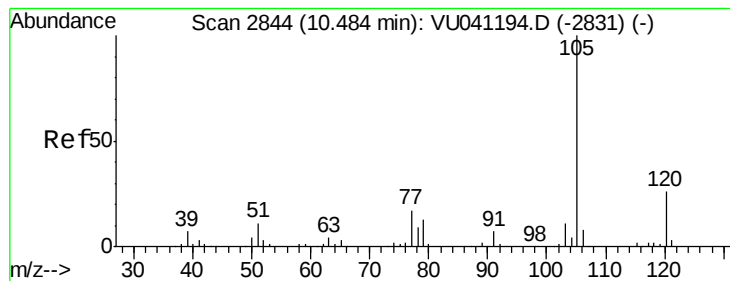
106 100

91 209.5 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU041197.D (-2505) (-)





#56

Isopropylbenzene

Concen: 0.069 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU041197.D

Acq: 11 Nov 2020 12:09

Instrument :

MSVOA_U

ClientSampled :

GB0T8DL2

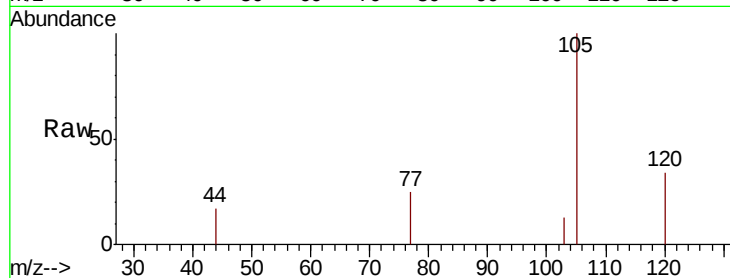
Tot Ion: 105 Resp: 1292

Ion Ratio Lower Upper

105 100

120 20.9 20.7 31.1

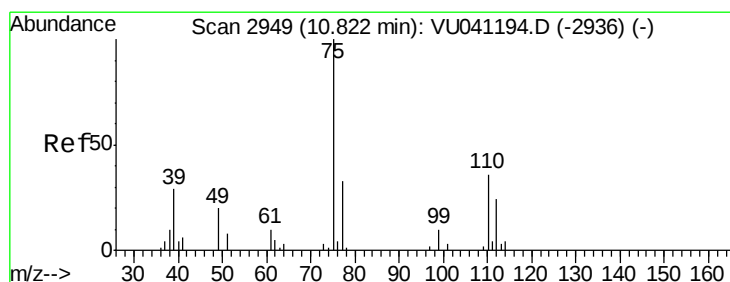
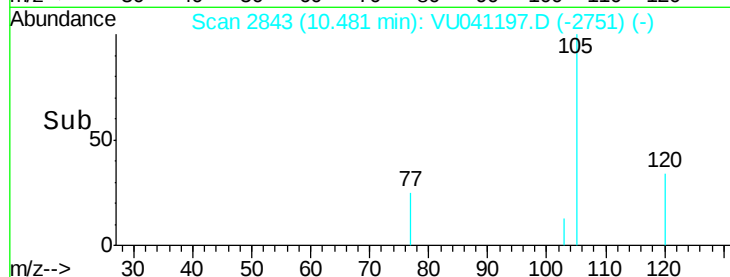
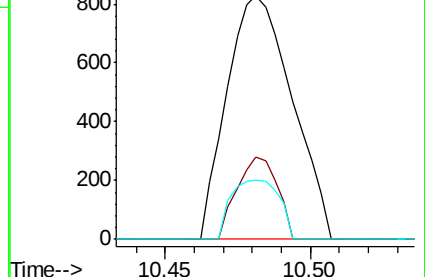
77 18.0 13.8 20.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 0.914 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041197.D

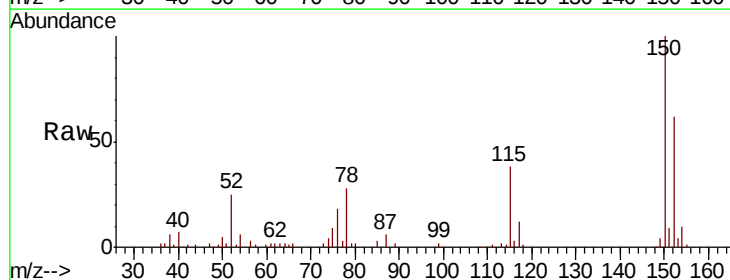
Acq: 11 Nov 2020 12:09

Tgt Ion: 75 Resp: 3518

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

