

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039752.D
 Acq On : 06 Aug 2020 13:37
 Operator : SY/MD
 Sample : L3572-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L84

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 2:26:40 PM

Quant Time: Aug 07 04:15:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68434	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67128	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27208	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21756	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.92	69	21629	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.58	63	30143	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.66	46	77906	47.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	5.08	84	47284	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.72	65	28464	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.75	84	84531	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.70	67	28325	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	65753	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.19	79	8683	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	58710	51.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.48%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25447	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	29169	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	45499	8.177 ug/L	95
8) Chloroethane	1.94	64	1267	0.311 ug/L	87
14) Carbon disulfide	2.80	76	3560	0.279 ug/L #	89
18) trans-1,2-Dichloroethene	3.37	96	7284	1.603 ug/L	90
22) cis-1,2-Dichloroethene	4.68	96	1488m	0.301 ug/L	
33) Benzene	5.79	78	12482	0.682 ug/L	100
34) Trichloroethene	6.56	95	1115	0.235 ug/L	90
42) Toluene	7.98	91	9729	0.506 ug/L	89

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

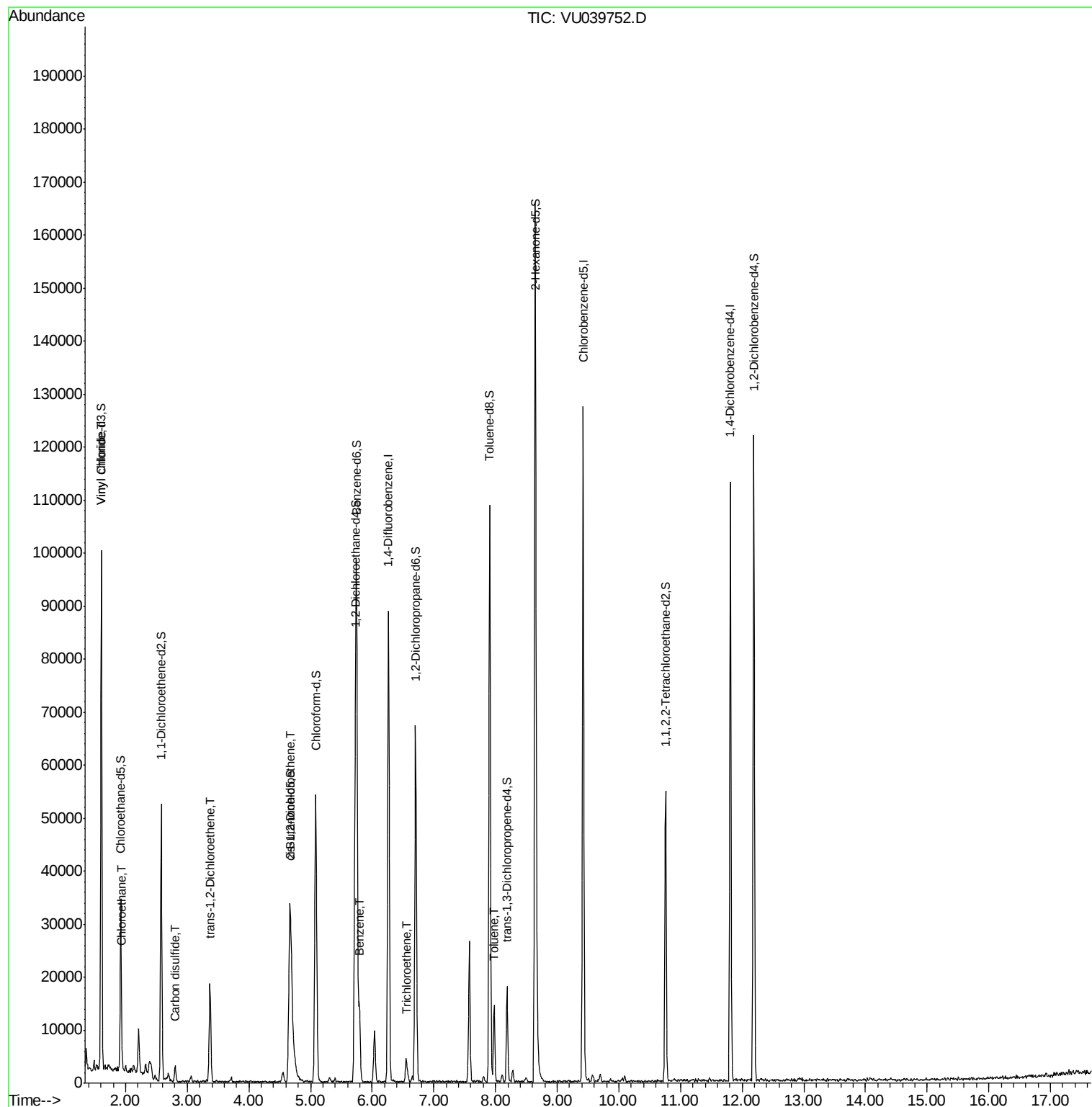
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080620\
Data File : VU039752.D
Acq On : 06 Aug 2020 13:37
Operator : SY/MD
Sample : L3572-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

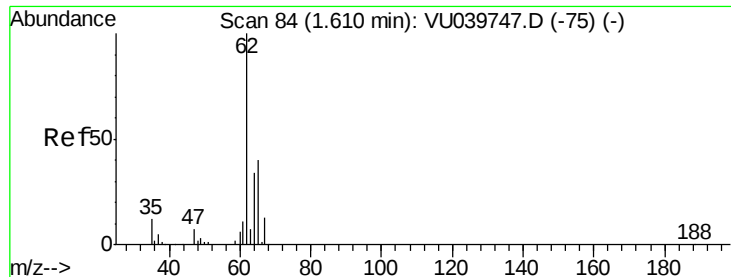
Instrument :
MSVOA_U
ClientSampleId :
F2L84

Manual Integrations
APPROVED

MMDadoda
8/7/2020 2:26:40 PM

Quant Time: Aug 07 04:15:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 03:23:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.177 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039752.D

Acq: 06 Aug 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

F2L84

Tot Ion: 62 Resp: 45499

Ion Ratio Lower Upper

62 100

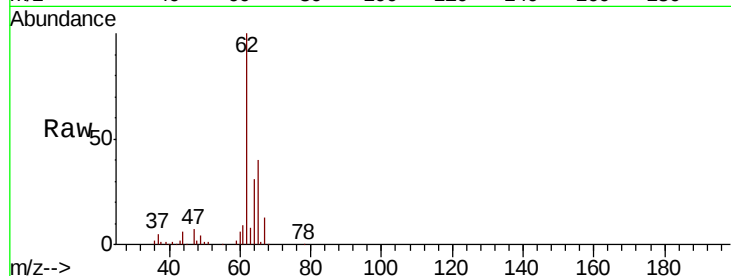
64 31.3 24.1 44.7

Manual Integrations

APPROVED

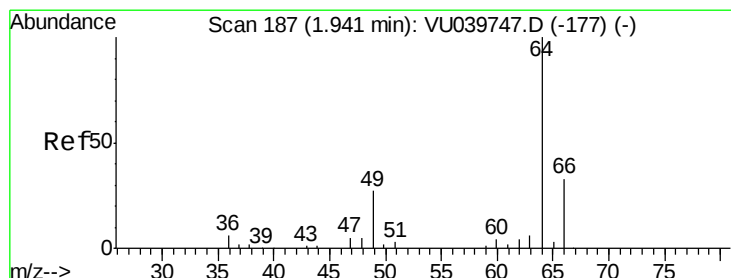
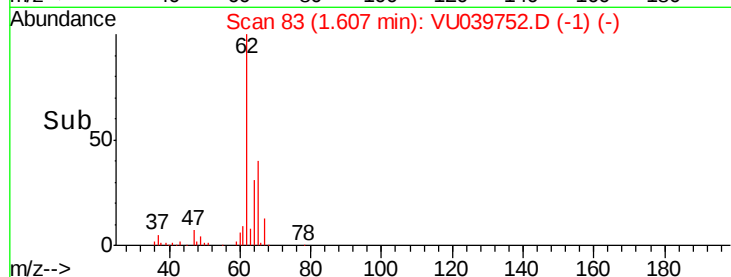
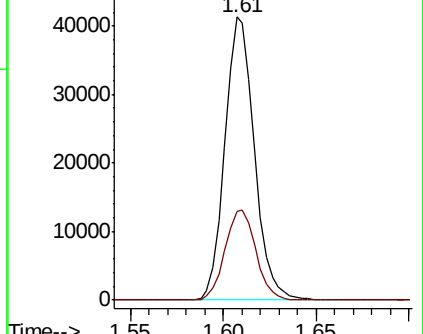
MMDadoda

8/7/2020 2:26:40 PM



Abundance Ion 62.00 (61.70 to 62.70): VU039747.D

Ion 64.10 (63.80 to 64.80): VU039747.D



#8

Chloroethane

Concen: 0.311 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039752.D

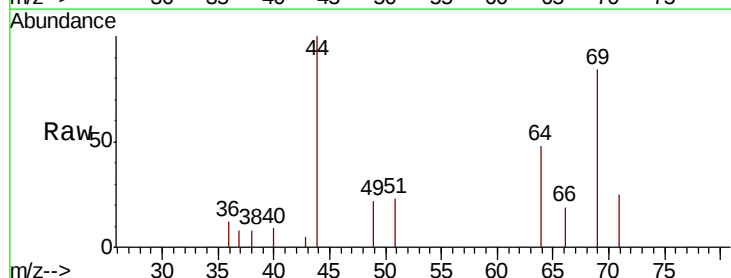
Acq: 06 Aug 2020 13:37

Tgt Ion: 64 Resp: 1267

Ion Ratio Lower Upper

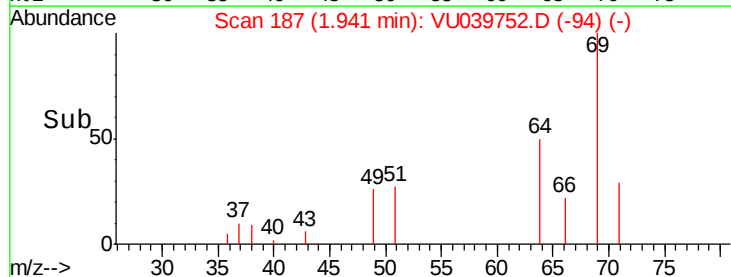
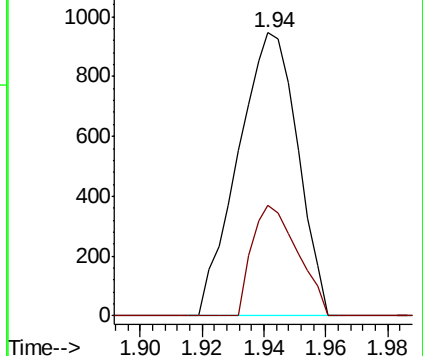
64 100

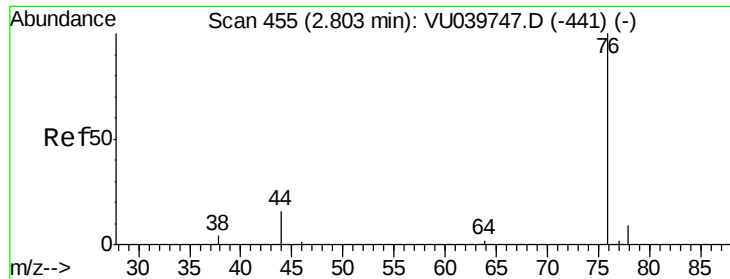
66 39.1 22.3 41.3



Abundance Ion 64.10 (63.80 to 64.80): VU039747.D

Ion 66.05 (65.75 to 66.75): VU039747.D





#14

Carbon disulfide

Concen: 0.279 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039752.D

Acq: 06 Aug 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

F2L84

Tot Ion: 76 Resp: 3560

Ion Ratio Lower Upper

76 100

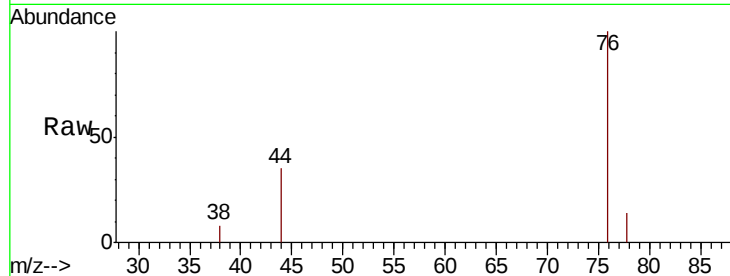
78 13.7 7.8 11.6#

Manual Integrations

APPROVED

MMDadoda

8/7/2020 2:26:40 PM



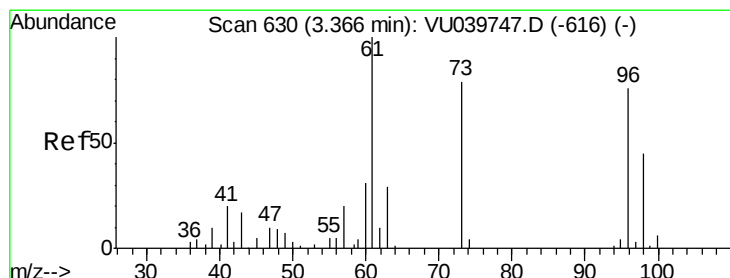
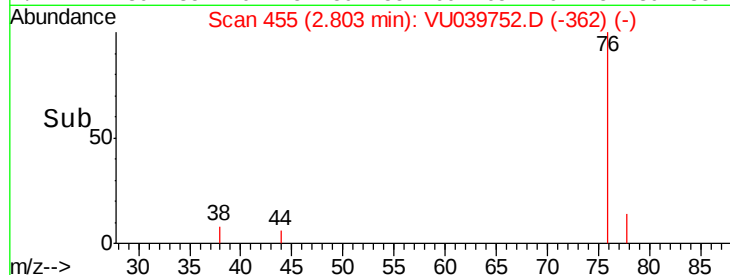
Abundance Ion 76.05 (75.75 to 76.75): VU039747.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU039747.D (-441) (-)

2.80

2.75 2.80 2.85

Time-->



#18

trans-1,2-Dichloroethene

Concen: 1.603 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU039752.D

Acq: 06 Aug 2020 13:37

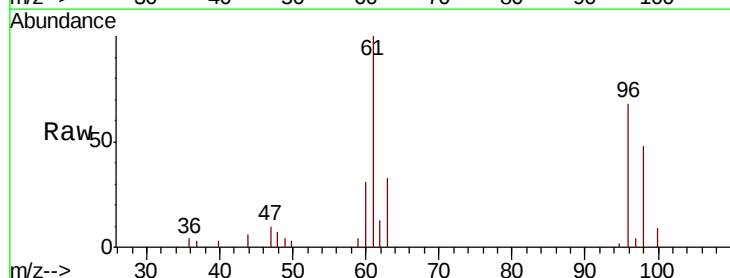
Tgt Ion: 96 Resp: 7284

Ion Ratio Lower Upper

96 100

61 146.8 96.5 179.1

98 70.2 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039747.D (-616) (-)

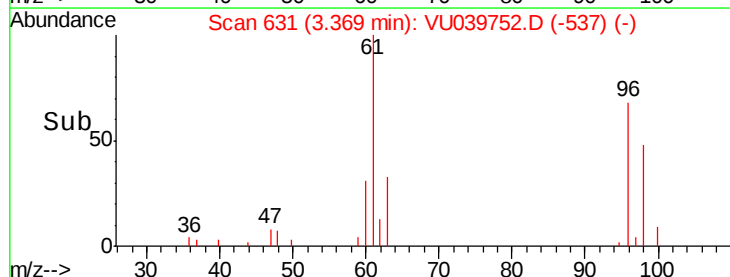
Ion 61.05 (60.75 to 61.75): VU039747.D (-616) (-)

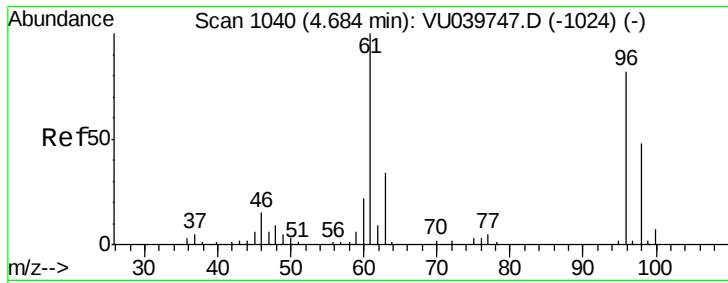
Ion 97.95 (97.65 to 98.65): VU039747.D (-616) (-)

3.37

3.30 3.35 3.40

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.301 ug/L m

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU039752.D

Acq: 06 Aug 2020 13:37

Instrument :

MSVOA_U

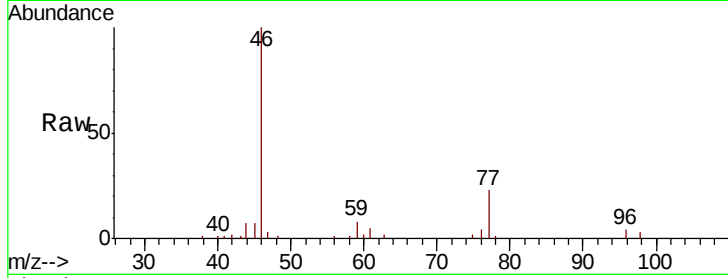
ClientSampled :

F2L84

Tot Ion:	96	Resp:	1488
Ion	Ratio	Lower	Upper
96	100		
61	123.5	87.4	162.2
68	0.0	0.0	0.0

Manual Integrations
APPROVED

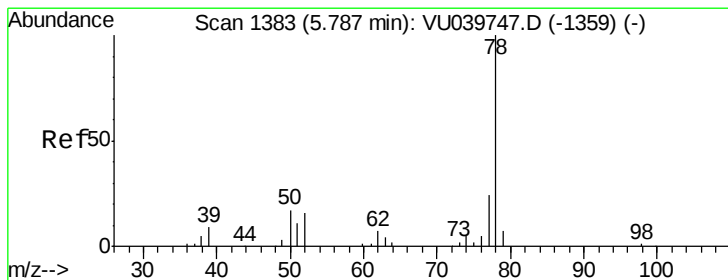
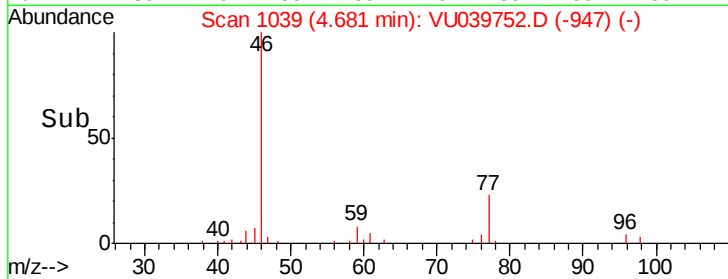
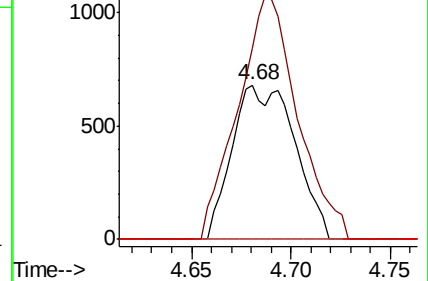
MMDadoda
8/7/2020 2:26:40 PM



Abundance Ion 96.00 (95.70 to 96.70): VU039747.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU039747.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU039747.D (-1024) (-)



#33

Benzene

Concen: 0.682 ug/L

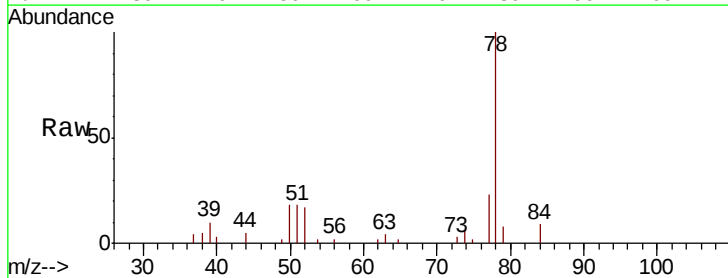
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU039752.D

Acq: 06 Aug 2020 13:37

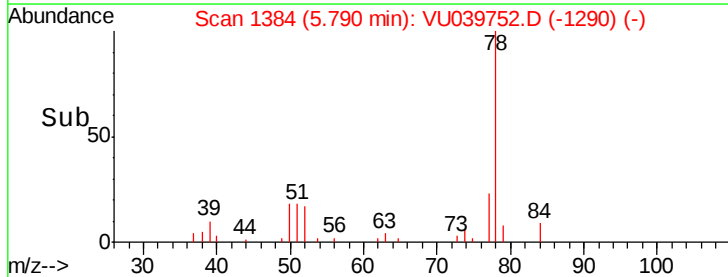
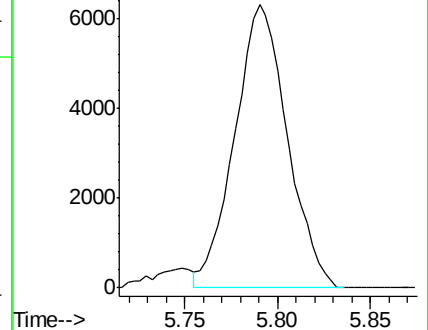
Tgt Ion: 78 Resp: 12482

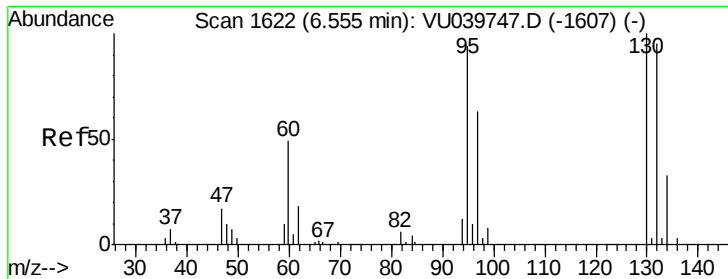


Abundance Ion 78.10 (77.80 to 78.80): VU039747.D (-1359) (-)

Ion 78.10 (77.80 to 78.80): VU039747.D (-1359) (-)

Ion 78.10 (77.80 to 78.80): VU039747.D (-1359) (-)





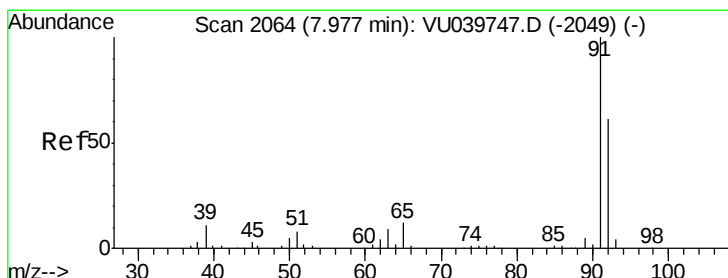
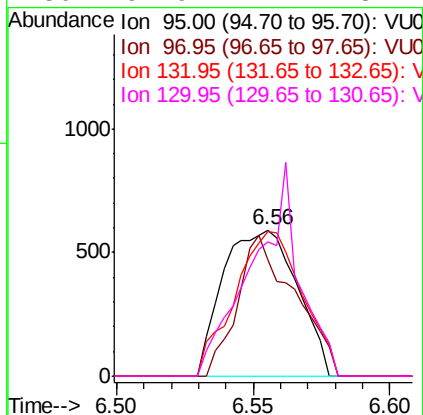
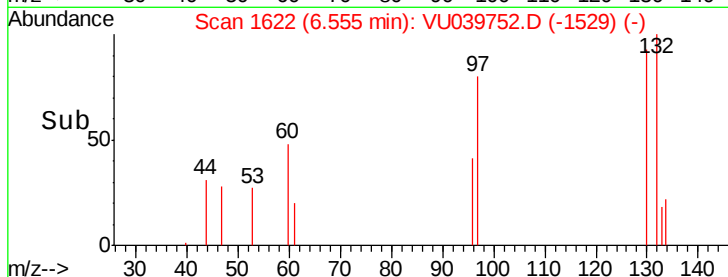
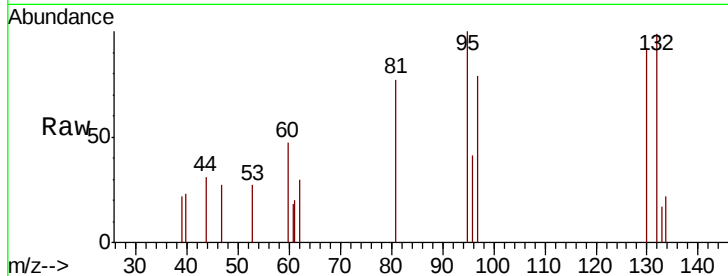
#34
 Trichloroethene
 Concen: 0.235 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: VU039752.D
 Acq: 06 Aug 2020 13:37

Instrument :
 MSVOA_U
 ClientSampleId :
 F2L84

Tot Ion:	95	Resp:	1115
Ion	Ratio	Lower	Upper
95	100		
97	79.2	44.0	81.8
132	99.2	71.7	133.3
130	91.9	71.1	132.1

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 2:26:40 PM



#42
 Toluene
 Concen: 0.506 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VU039752.D
 Acq: 06 Aug 2020 13:37

Tgt Ion:	91	Resp:	9729
Ion	Ratio	Lower	Upper
91	100		
92	67.9	41.6	77.3

