

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040153.D
 Acq On : 16 Sep 2020 17:13
 Operator : SY/MD
 Sample : L4041-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB5

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 3:12:43 PM

Quant Time: Sep 17 01:49:37 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	104172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107685	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45430	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28857	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.93	69	25868	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.58	63	47679	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.66	46	109454	48.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	5.08	84	58492	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	39519	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.74	84	113576	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	37342	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	86970	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.19	79	14894	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	78000	43.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.52%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32945	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	36230	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Ovalue
13) Acetone	2.66	43	12276m	5.829	ug/L
14) Carbon disulfide	2.81	76	11387	0.441	ug/L
22) cis-1,2-Dichloroethene	4.68	96	967	0.104	ug/L
25) Chloroform	5.11	83	15275	0.836	ug/L
34) Trichloroethene	6.56	95	960	0.093	ug/L
42) Toluene	7.98	91	1743	0.044	ug/L

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

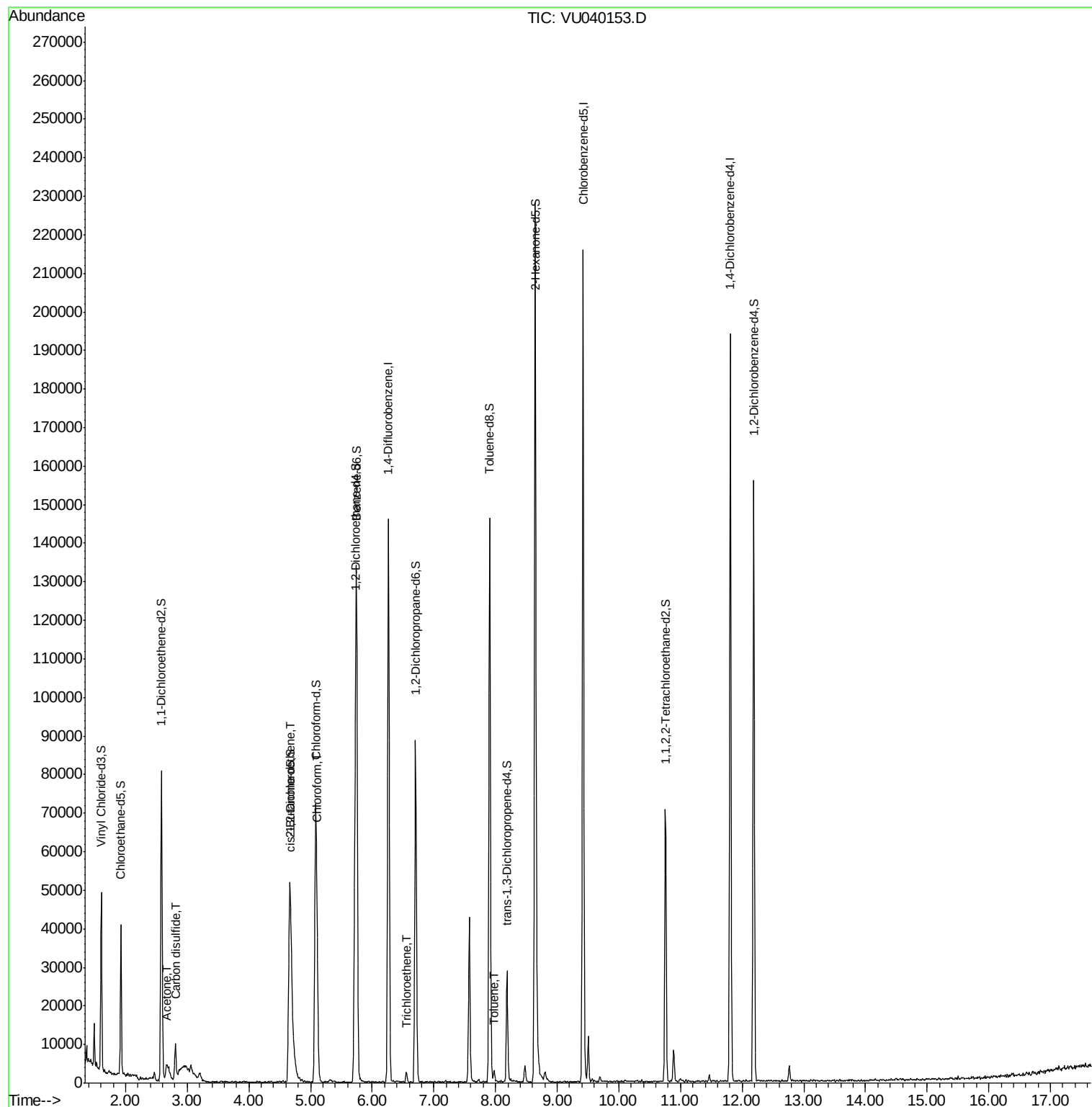
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040153.D
Acq On : 16 Sep 2020 17:13
Operator : SY/MD
Sample : L4041-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

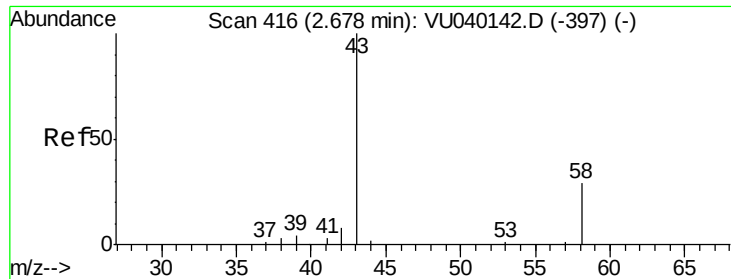
Instrument :
MSVOA_U
ClientSampleId :
C0AB5

Manual Integrations
APPROVED

MMDadoda
9/17/2020 3:12:43 PM

Quant Time: Sep 17 01:49:37 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 5.829 ug/L m

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU040153.D

Acq: 16 Sep 2020 17:13

Instrument :

MSVOA_U

ClientSampleId :

C0AB5

Tot Ion: 43 Resp: 12276

Ion Ratio Lower Upper

43 100

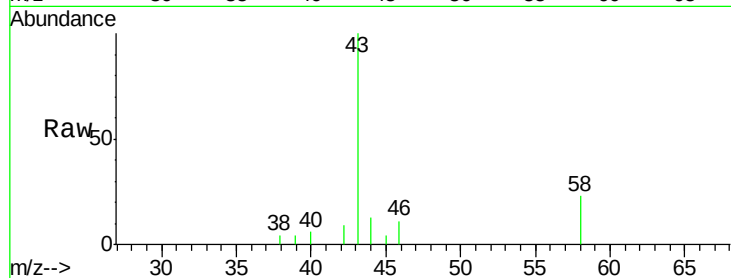
58 15.6 0.0 55.4

Manual Integrations

APPROVED

MMDadoda

9/17/2020 3:12:43 PM

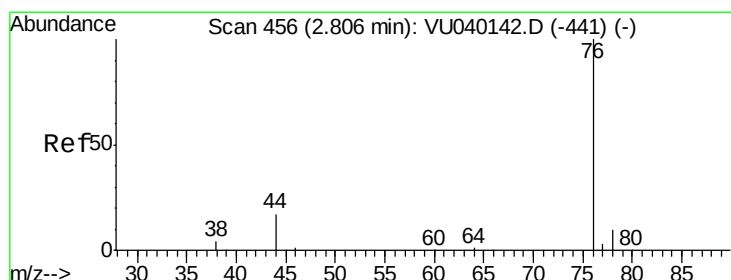
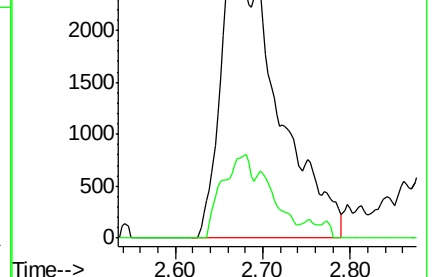
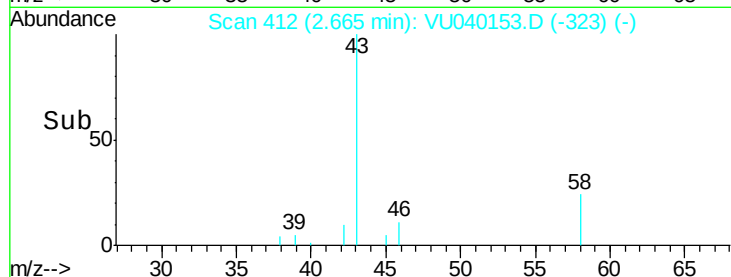


Abundance Ion 43.05 (42.75 to 43.75): VU040142.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU040142.D (-397) (-)

2.66

2.60 2.70 2.80



#14

Carbon disulfide

Concen: 0.441 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040153.D

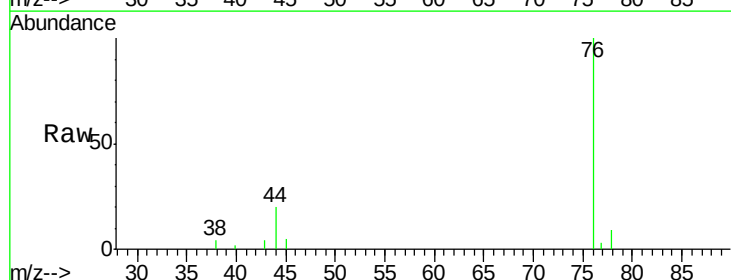
Acq: 16 Sep 2020 17:13

Tgt Ion: 76 Resp: 11387

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

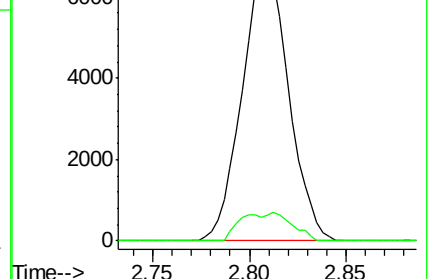
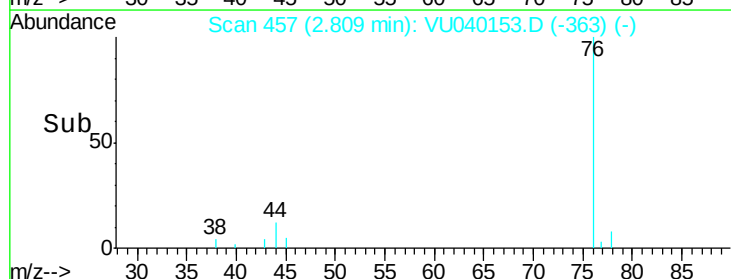


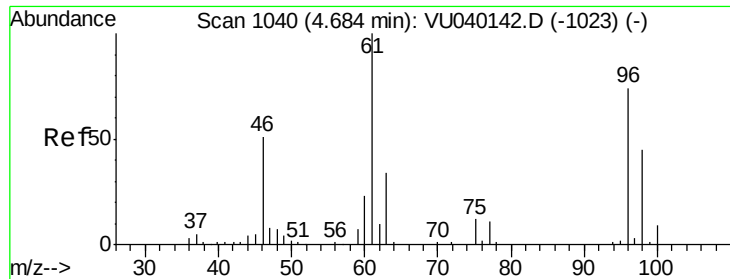
Abundance Ion 76.05 (75.75 to 76.75): VU040142.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU040142.D (-441) (-)

2.81

2.75 2.80 2.85





#22

cis-1,2-Dichloroethene

Concen: 0.104 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040153.D

Acq: 16 Sep 2020 17:13

Instrument :

MSVOA_U

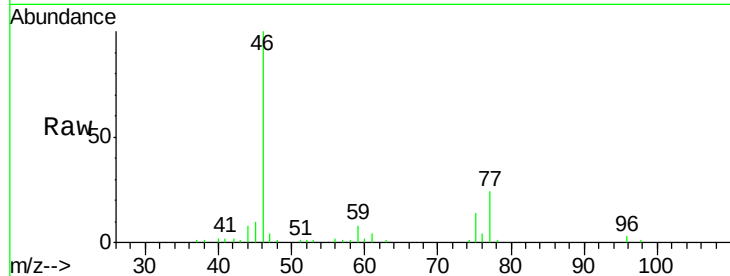
ClientSampled :

C0AB5

Tot Ion:	96	Resp:	967
Ion	Ratio	Lower	Upper
96	100		
61	145.0	98.8	183.4
68	0.0	0.0	0.0

Manual Integrations
APPROVED

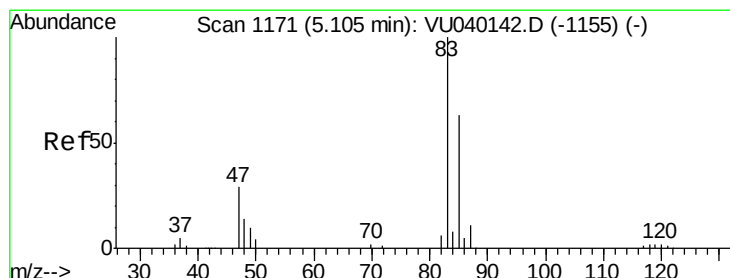
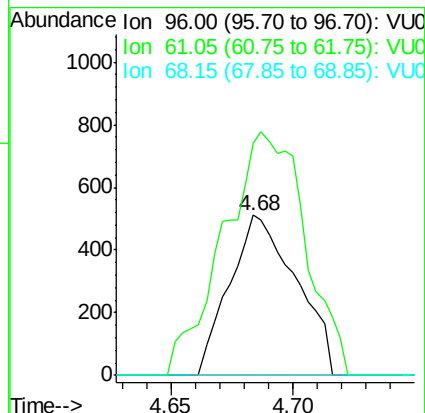
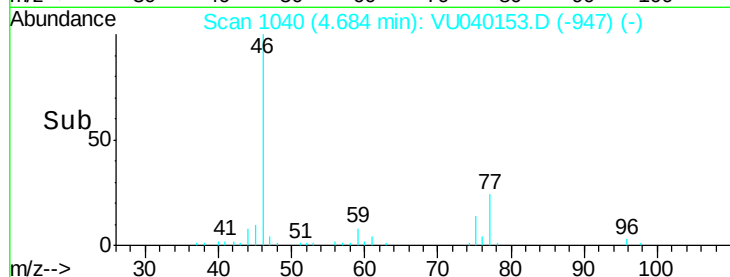
MMDadoda
9/17/2020 3:12:43 PM



Abundance Ion 96.00 (95.70 to 96.70): VU040153.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040153.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040153.D (-947) (-)



#25

Chloroform

Concen: 0.836 ug/L

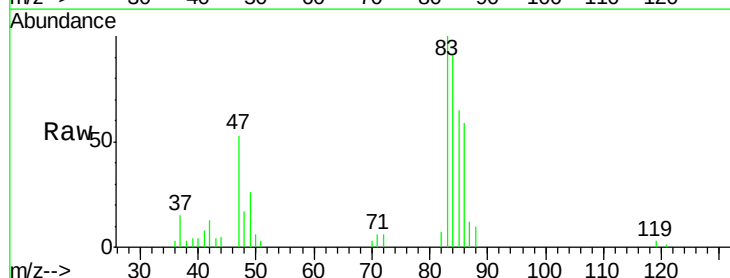
RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040153.D

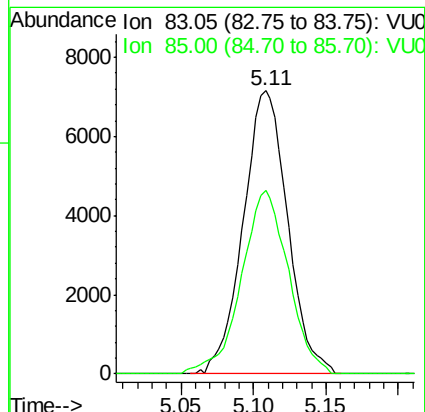
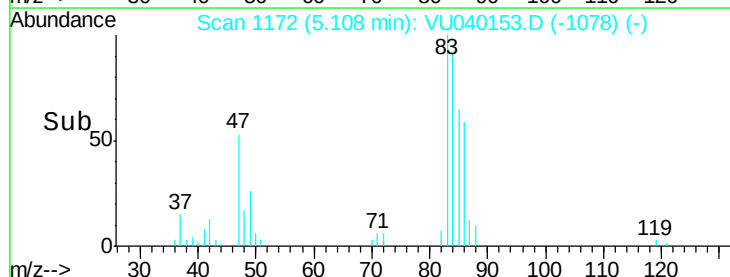
Acq: 16 Sep 2020 17:13

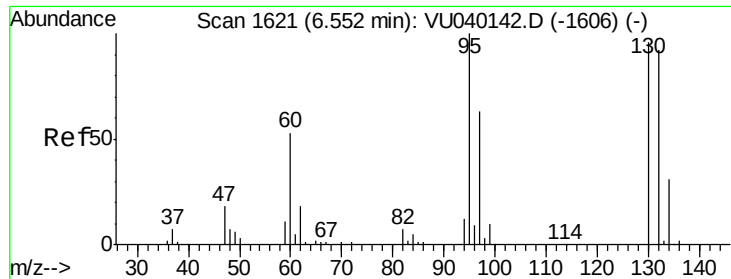
Tgt Ion:	83	Resp:	15275
Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.3	84.1



Abundance Ion 83.05 (82.75 to 83.75): VU040153.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040153.D (-1078) (-)





#34

Trichloroethene

Concen: 0.093 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU040153.D

Acq: 16 Sep 2020 17:13

Instrument :

MSVOA_U

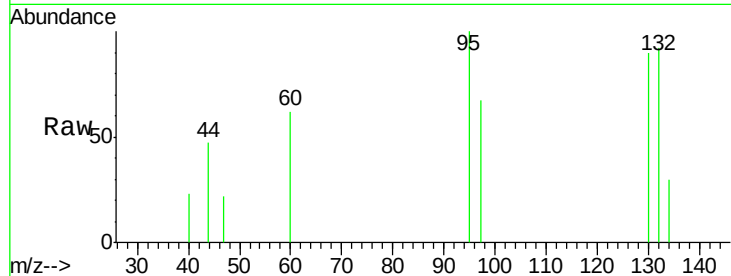
ClientSampleId :

C0AB5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	66.7	43.3	80.5		
132	91.8	59.4	110.4		
130	90.2	64.8	120.4		

Manual Integrations
APPROVED

MMDadoda
9/17/2020 3:12:43 PM



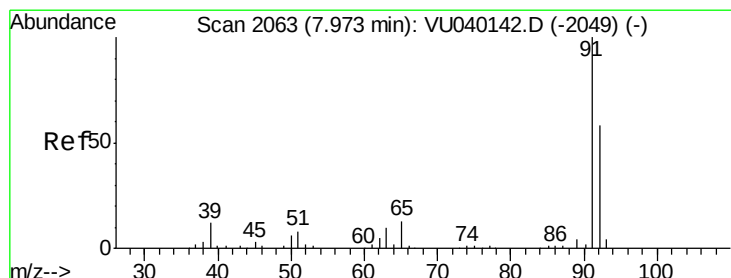
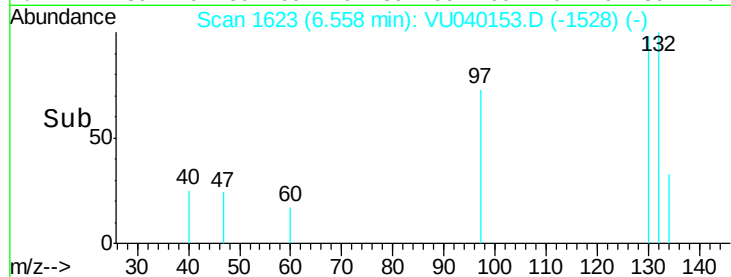
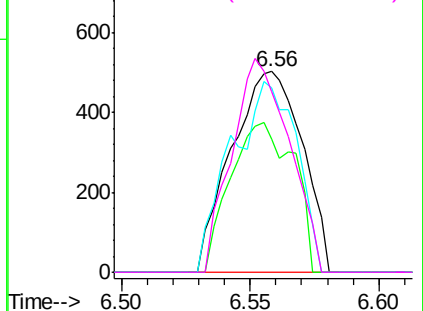
Abundance

Ion 95.00 (94.70 to 95.70): VU040142.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU040142.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU040142.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU040142.D (-1606) (-)



#42

Toluene

Concen: 0.044 ug/L

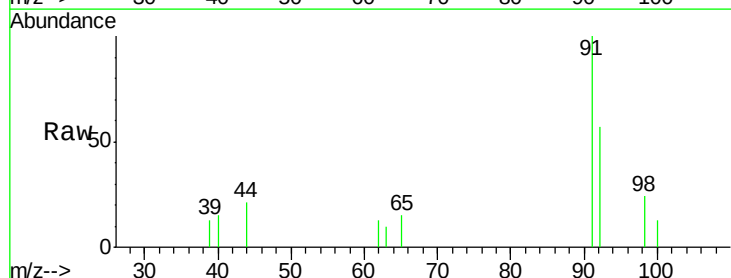
RT: 7.98 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VU040153.D

Acq: 16 Sep 2020 17:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	57.2	40.7	75.5		



Abundance

Ion 91.15 (90.85 to 91.85): VU040142.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040142.D (-2049) (-)

