

Data File : VU026318.D
Acq On : 23 Aug 2018 22:56
Operator : MD/SY
Sample : J4622-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBJ3

Manual Integrations
APPROVED

sam
8/24/2018 2:44:11 PM

Quant Time: Aug 30 06:40:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.90	114	373217	50.00	ug/L	0.01
28) Chlorobenzene-d5	9.09	117	361109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	178054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	229570	100.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	201.70%#
7) Chloroethane-d5	1.68	69	78065	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.10%
11) 1,1-Dichloroethene-d2	2.28	63	932695	208.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	416.92%#
21) 2-Butanone-d5	4.34	46	95748m	52.70	ug/L	0.16
Spiked Amount	100.000	Range	40 - 130	Recovery	=	52.70%
24) Chloroform-d	4.67	84	229255	45.18	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.32	65	151011	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.36	84	461169	47.74	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.36	67	155260	50.05	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.57	98	428367	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%
43) trans-1,3-Dichloropropene-	7.85	79	74994	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.31	63	140893	106.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	203863	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	168840	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%

Target Compounds

					Qvalue
5) Vinyl chloride	1.39	62	14018049m	5149.450	ug/L
12) 1,1-Dichloroethene	2.28	96	1438034	732.081	ug/L # 71
14) Carbon disulfide	2.48	76	20901	2.774	ug/L 98
17) trans-1,2-Dichloroethene	2.99	96	5306043	2191.473	ug/L 100
19) 1,1-Dichloroethane	3.46	63	37145	8.425	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	79005578m	29561.741	ug/L
33) Benzene	5.40	78	43017	4.370	ug/L 100
34) Trichloroethene	6.20	95	54855024m	21071.672	ug/L
40) 4-Methyl-2-pentanone	7.47	43	4926	1.445	ug/L 98
42) Toluene	7.64	91	44415	4.240	ug/L 96

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

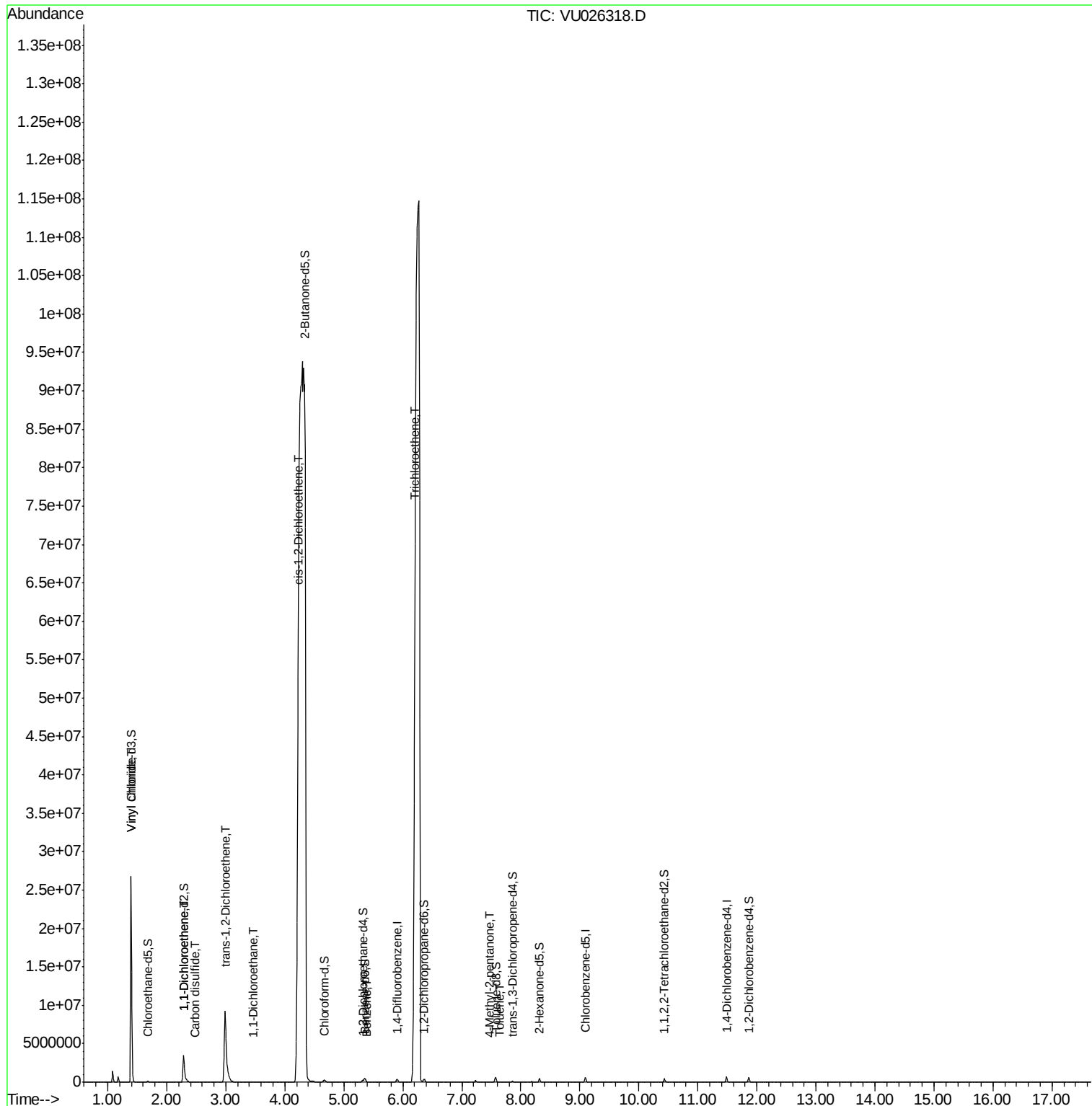
Data File : VU026318.D
Acq On : 23 Aug 2018 22:56
Operator : MD/SY
Sample : J4622-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

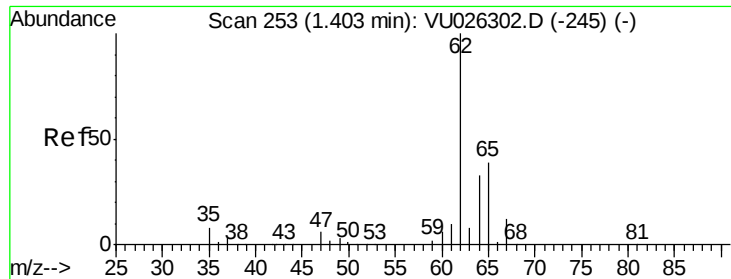
Instrument :
MSVOA_U
ClientSampleId :
ETBJ3

Manual Integrations
APPROVED

sam
8/24/2018 2:44:11 PM

Quant Time: Aug 30 06:40:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:06:29 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5149.450 ug/L m

RT: 1.39 min Scan# 248

Delta R.T. -0.02 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

ETBJ3

Tgt Ion: 62 Resp:14018049

Ion Ratio Lower Upper

62 100

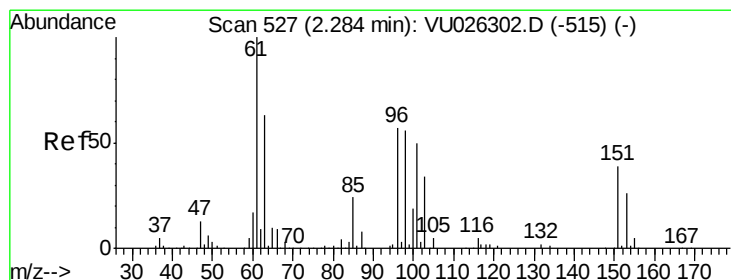
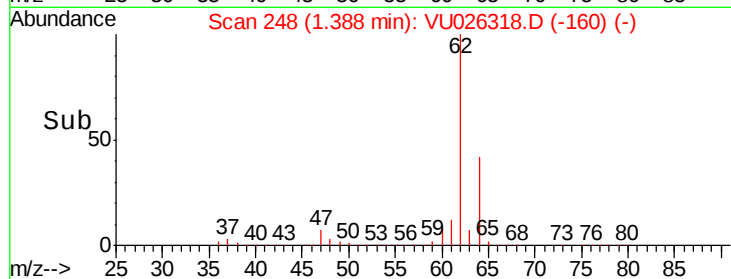
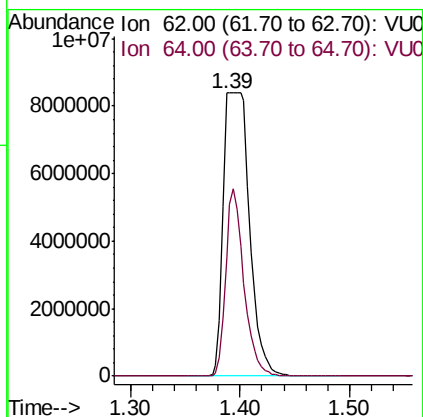
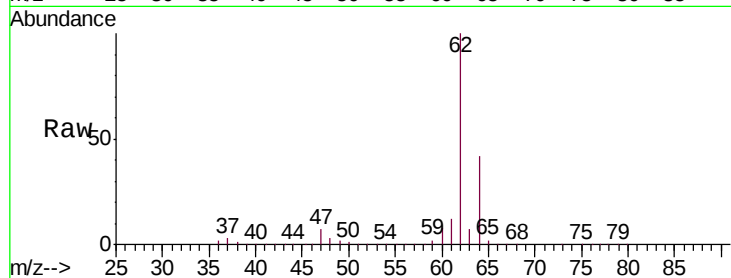
64 42.0 24.2 45.0

Manual Integrations

APPROVED

sam

8/24/2018 2:44:11 PM



#12

1,1-Dichloroethene

Concen: 732.081 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

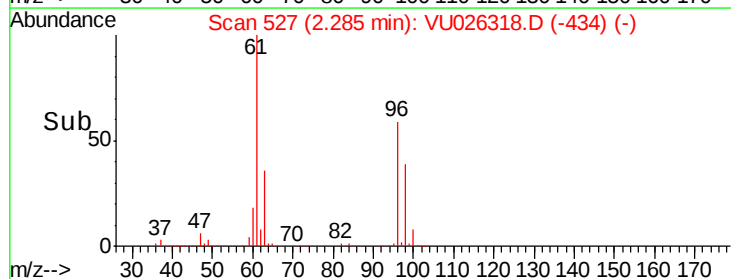
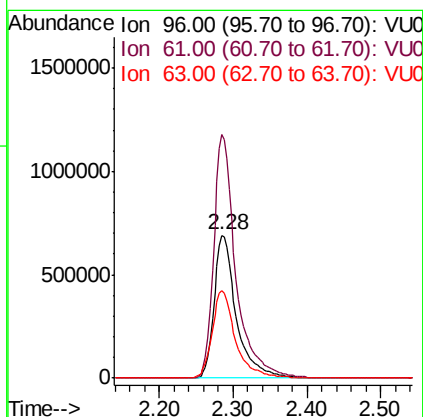
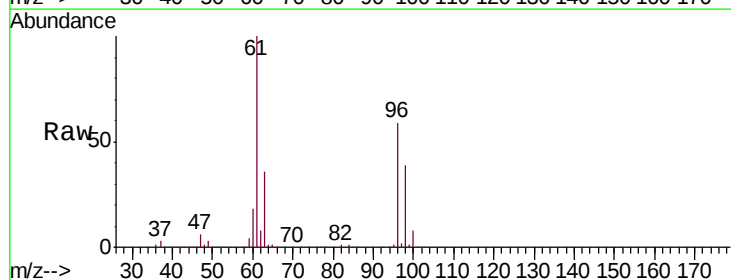
Tgt Ion: 96 Resp: 1438034

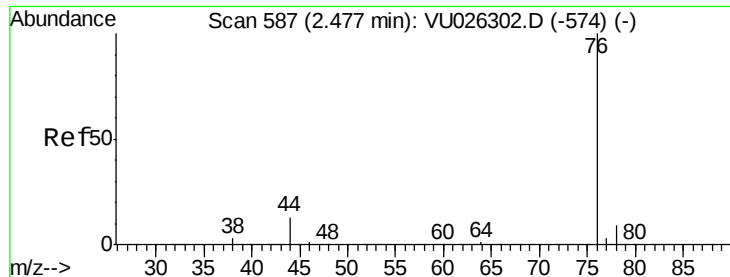
Ion Ratio Lower Upper

96 100

61 170.8 124.7 231.5

63 61.7 93.7 174.1#





#14

Carbon disulfide

Concen: 2.774 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

Instrument :

MSVOA_U

ClientSampleId :

ETBJ3

Tgt Ion: 76 Resp: 20901

Ion Ratio Lower Upper

76 100

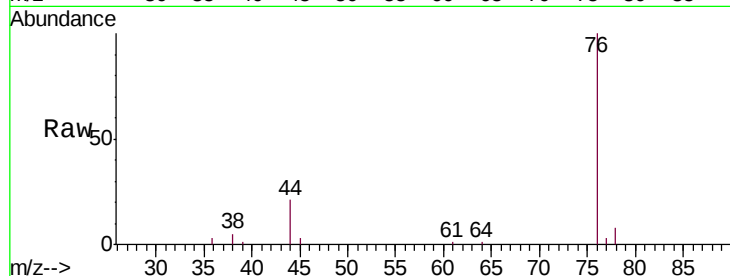
78 8.4 7.2 10.8

Manual Integrations

APPROVED

sam

8/24/2018 2:44:11 PM



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

12000

10000

8000

6000

4000

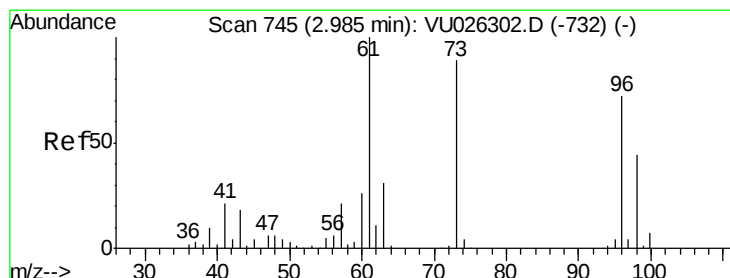
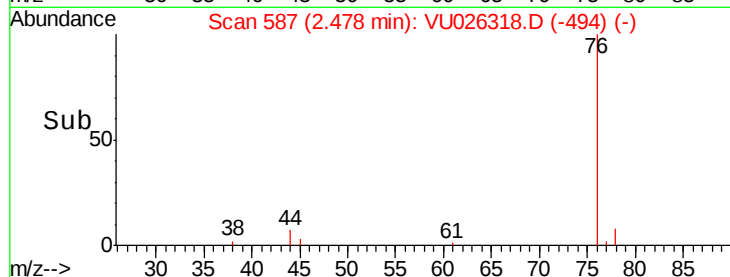
2000

0

Time-->

2.40 2.45 2.50 2.55 2.60

2.48



#17

trans-1,2-Dichloroethene

Concen: 2191.473 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

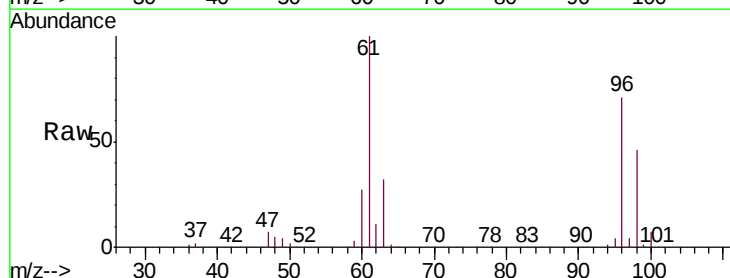
Tgt Ion: 96 Resp: 5306043

Ion Ratio Lower Upper

96 100

61 140.2 97.9 181.9

98 63.8 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

3000000

2000000

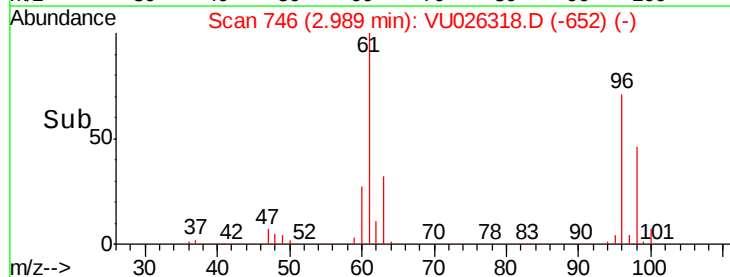
1000000

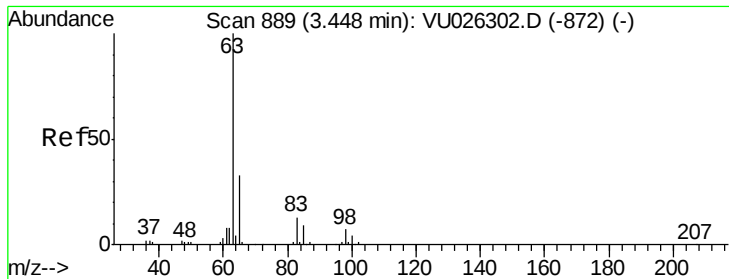
0

Time-->

2.80 3.00 3.20

2.99





#19

1,1-Dichloroethane

Concen: 8.425 ug/L

RT: 3.46 min Scan# 891

Delta R.T. 0.01 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

Instrument :

MSVOA_U

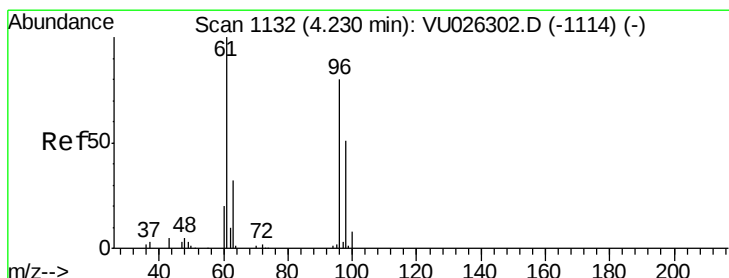
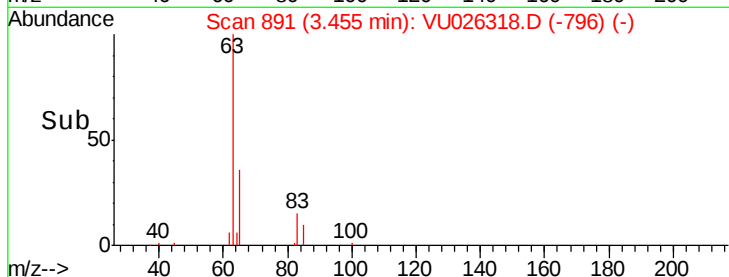
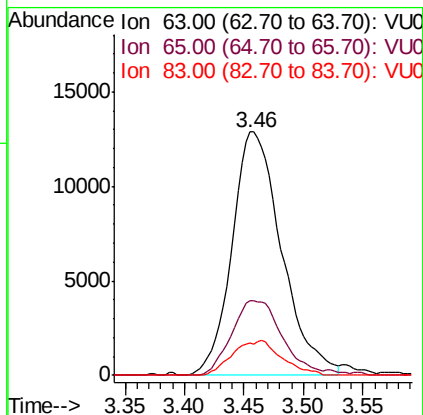
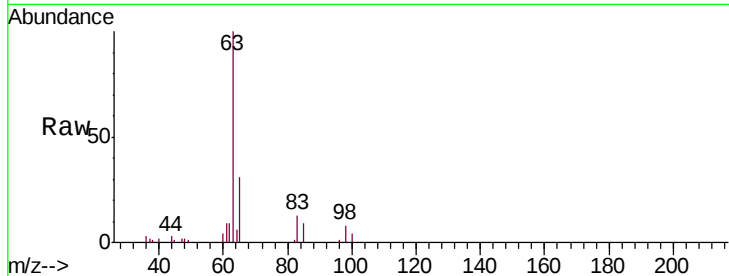
ClientSampleId :

ETBJ3

Tgt Ion:	63	Resp:	37145
Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.4	39.8
83	13.1	9.2	17.2

Manual Integrations
APPROVED

sam
8/24/2018 2:44:11 PM



#20

cis-1,2-Dichloroethene

Concen: 29561.741 ug/L m

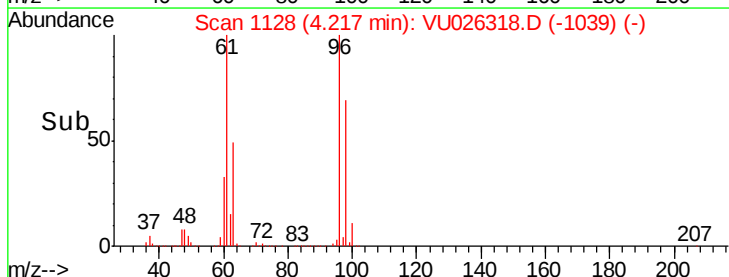
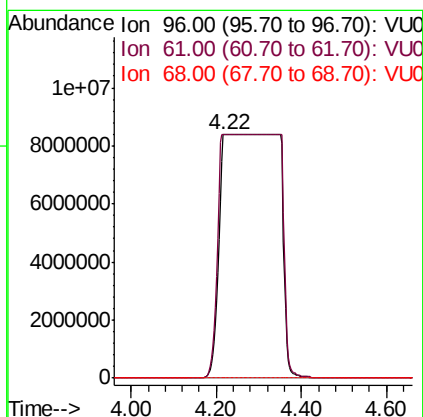
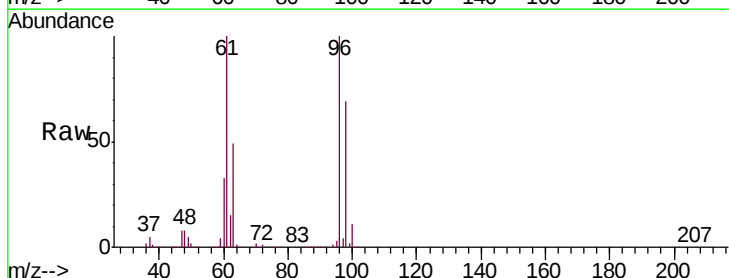
RT: 4.22 min Scan# 1128

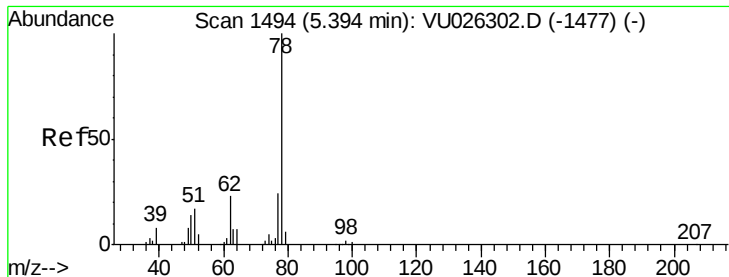
Delta R.T. -0.01 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

Tgt Ion:	96	Resp:	79005578
Ion	Ratio	Lower	Upper
96	100		
61	100.0	90.3	167.7
68	0.0	0.0	0.0





#33

Benzene

Concen: 4.370 ug/L

RT: 5.40 min Scan# 1497

Delta R.T. 0.01 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

Instrument :

MSVOA_U

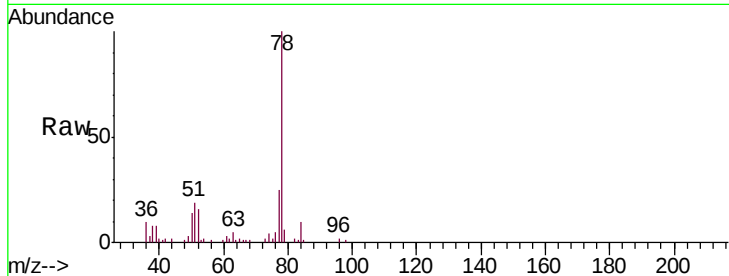
ClientSampleId :

ETBJ3

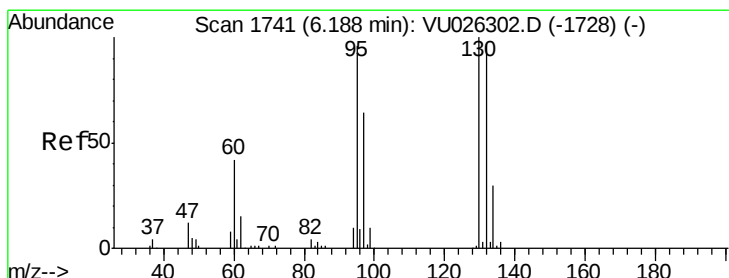
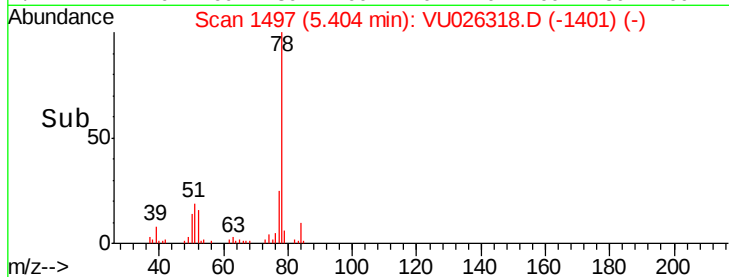
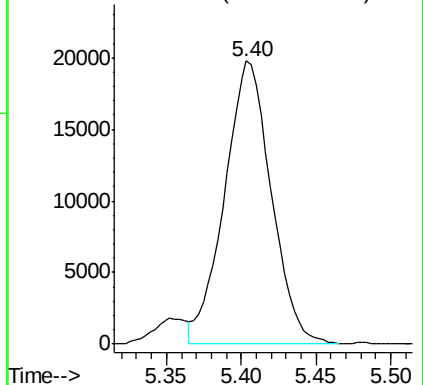
Tgt Ion: 78 Resp: 43017

Manual Integrations
APPROVED

sam
8/24/2018 2:44:11 PM



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 21071.672 ug/L m

RT: 6.20 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VU026318.D

Acq: 23 Aug 2018 22:56

Tgt Ion: 95 Resp: 54855024

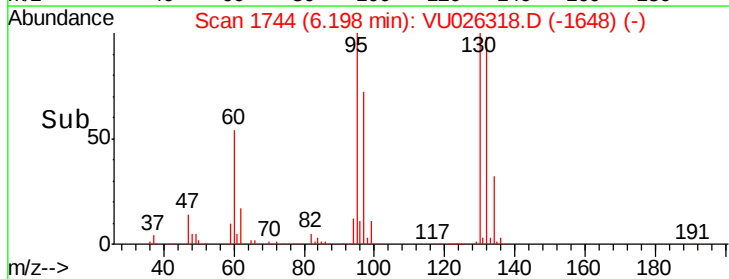
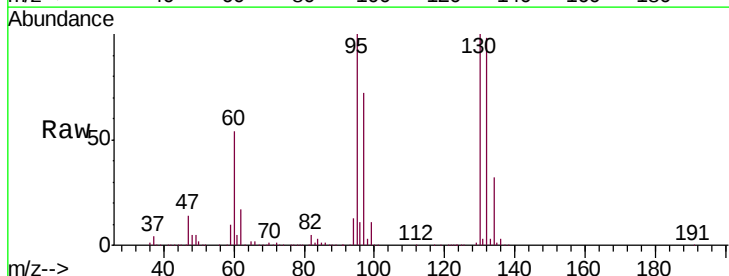
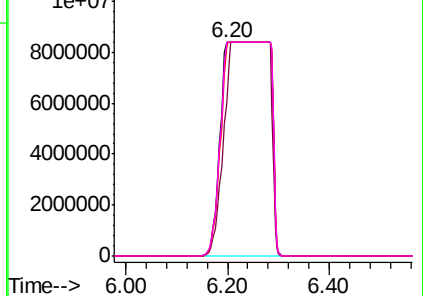
Ion	Ratio	Lower	Upper
95	100		
97	72.0	47.2	87.6
132	98.3	70.2	130.4
130	100.0	73.4	136.4

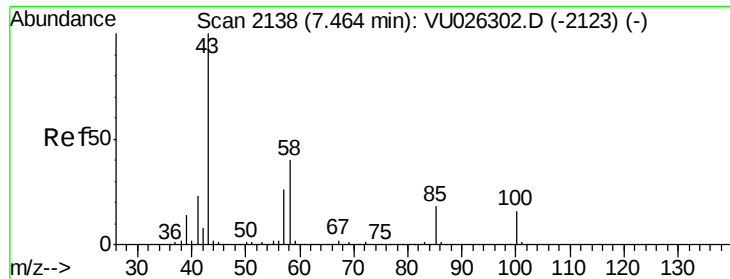
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





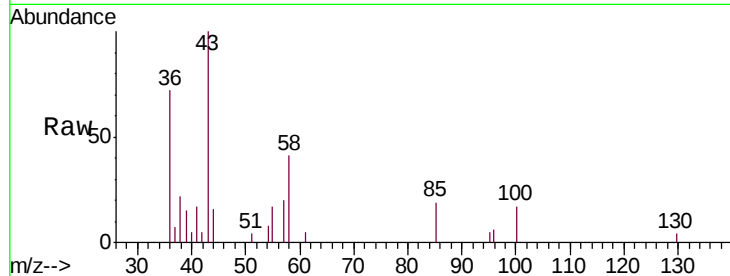
#40
 4-Methyl-2-pentanone
 Concen: 1.445 ug/L
 RT: 7.47 min Scan# 2140
 Delta R.T. 0.01 min
 Lab File: VU026318.D
 Acq: 23 Aug 2018 22:56

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ3

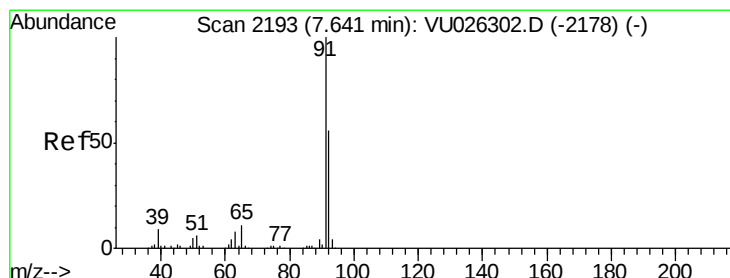
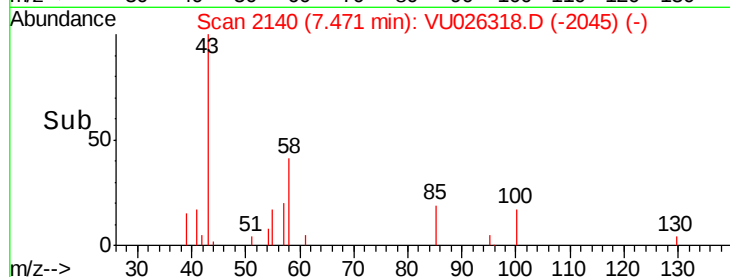
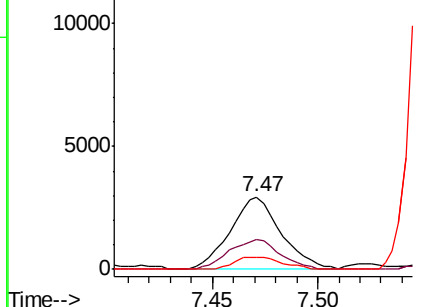
Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.0	31.6	47.4
100	15.9	12.3	18.5

Manual Integrations
 APPROVED

sam
 8/24/2018 2:44:11 PM

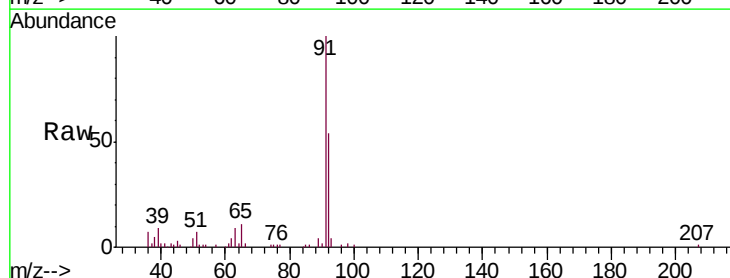


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0



#42
 Toluene
 Concen: 4.240 ug/L
 RT: 7.64 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VU026318.D
 Acq: 23 Aug 2018 22:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.9	39.9	74.1



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0

