

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026322.D
 Acq On : 24 Aug 2018 00:28
 Operator : MD/SY
 Sample : J4622-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBK0

Manual Integrations
 APPROVED

sam
 8/24/2018 2:44:15 PM

Quant Time: Aug 24 10:24:11 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	332763	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	339999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	93267	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.90%
7) Chloroethane-d5	1.68	69	72697	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.84%
11) 1,1-Dichloroethene-d2	2.28	63	183617	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
21) 2-Butanone-d5	4.20	46	157510	97.24	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.65	84	201691	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
26) 1,2-Dichloroethane-d4	5.31	65	131070	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
32) Benzene-d6	5.35	84	404042	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.37	67	142169	48.68	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.57	98	393103	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.85	79	67996	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.31	63	113710	91.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186769	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	164457	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	1077208	443.81	ug/L	96
12) 1,1-Dichloroethene	2.29	96	94152	53.76	ug/L	93
14) Carbon disulfide	2.49	76	12292	1.83	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	460709	213.41	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	17901652	7512.63	ug/L	96
34) Trichloroethene	6.19	95	65976363m	26917.31	ug/L	
42) Toluene	7.64	91	71549	7.25	ug/L	96
46) Tetrachloroethene	8.23	164	21983	10.42	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	17960	5.12	ug/L	97

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

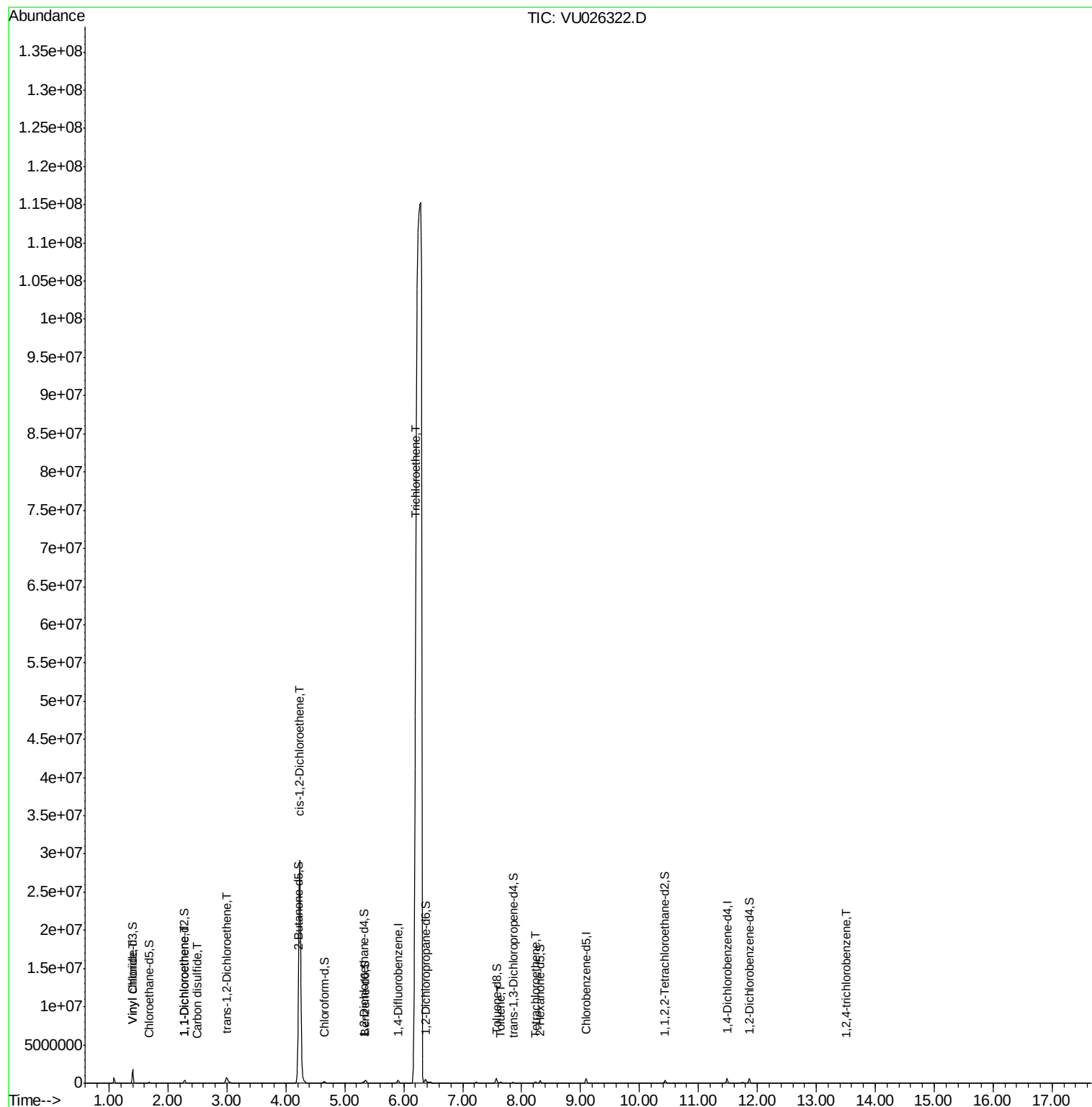
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082318\
Data File : VU026322.D
Acq On : 24 Aug 2018 00:28
Operator : MD/SY
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ALS Vial : 37 Sample Multiplier: 1

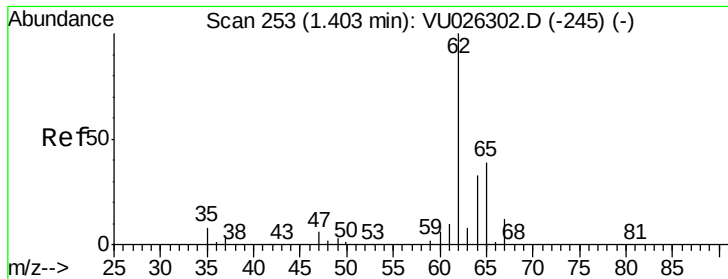
Instrument :
MSVOA_U
ClientSampleId :
ETBK0

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Quant Method : Z:\V0ASRV\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: 443.81 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026322.D

Acq: 24 Aug 2018 00:28

Instrument :

MSVOA_U

ClientSampleId :

ETBK0

Tot Ion: 62 Resp: 1077208

Ion Ratio Lower Upper

62 100

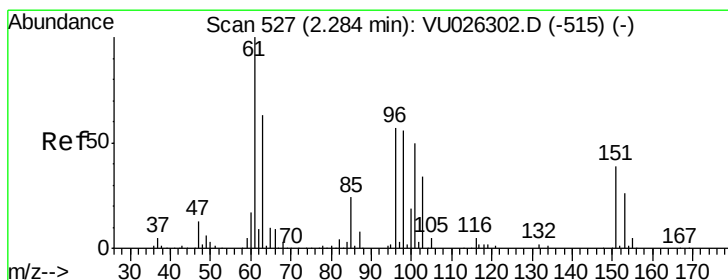
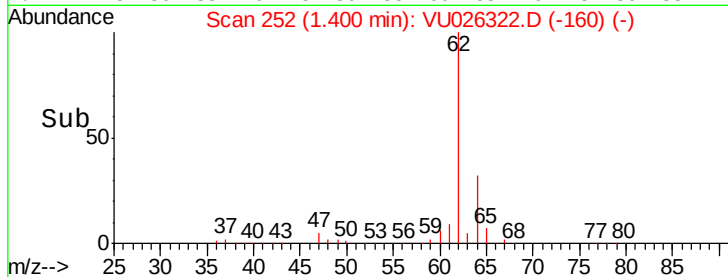
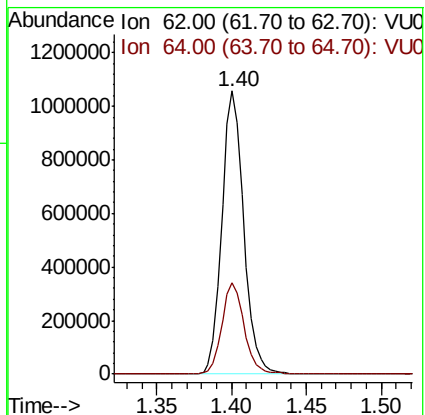
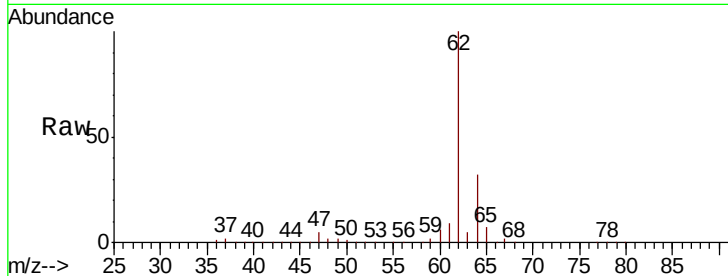
64 32.1 24.2 45.0

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 53.76 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU026322.D

Acq: 24 Aug 2018 00:28

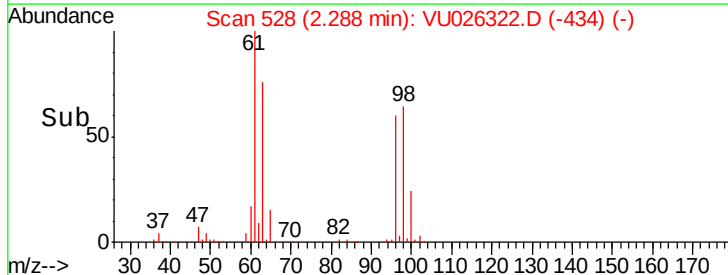
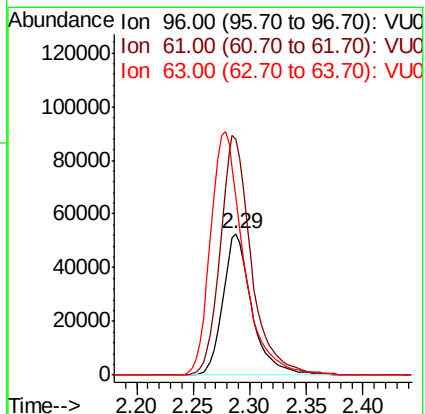
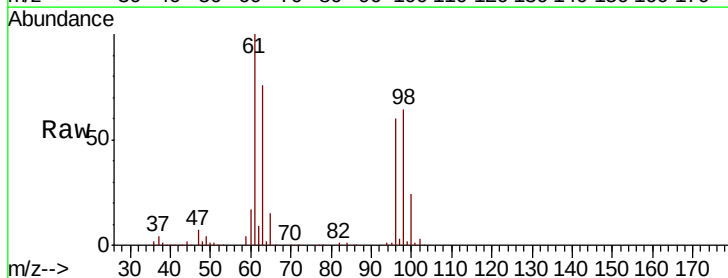
Tgt Ion: 96 Resp: 94152

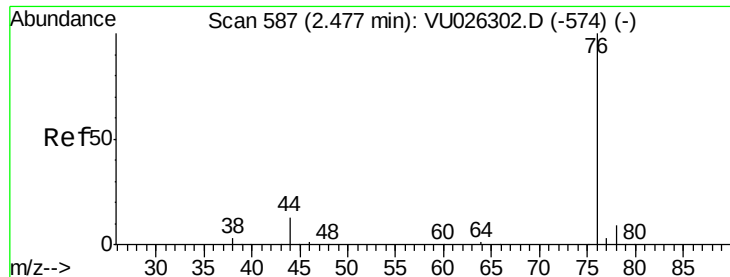
Ion Ratio Lower Upper

96 100

61 167.1 124.7 231.5

63 126.2 93.7 174.1





#14

Carbon disulfide

Concen: 1.83 ug/L

RT: 2.49 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU026322.D

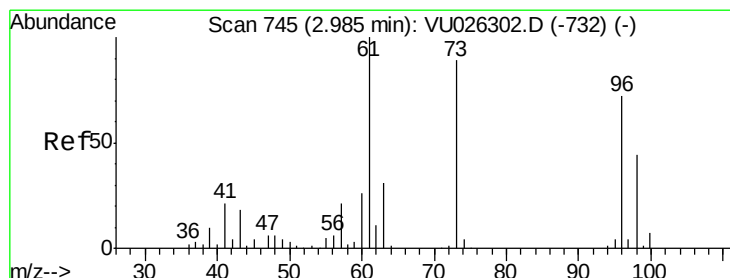
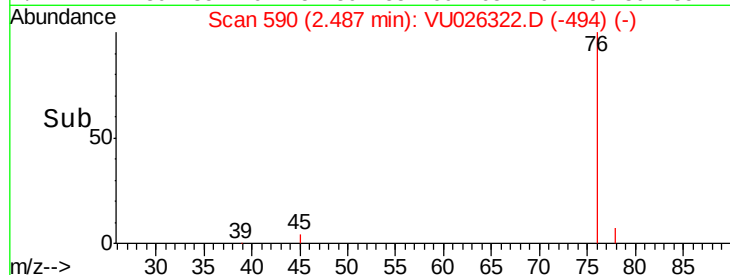
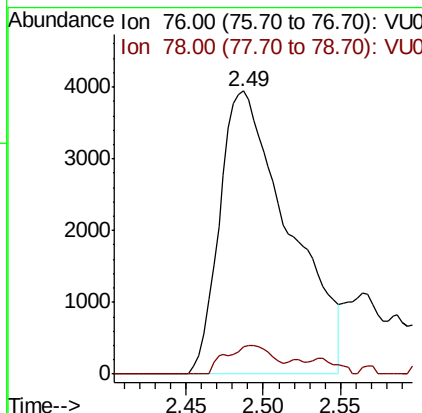
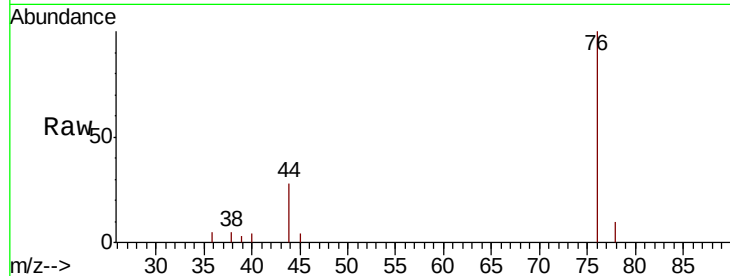
Acq: 24 Aug 2018 00:28

Instrument :
MSVOA_U
ClientSampled :
ETBK0

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

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#17

trans-1,2-Dichloroethene

Concen: 213.41 ug/L

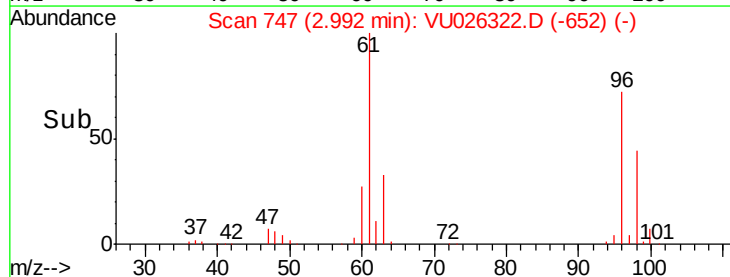
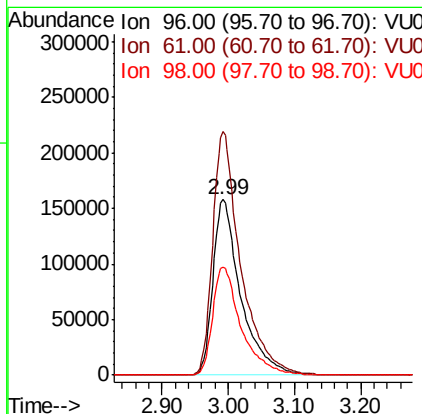
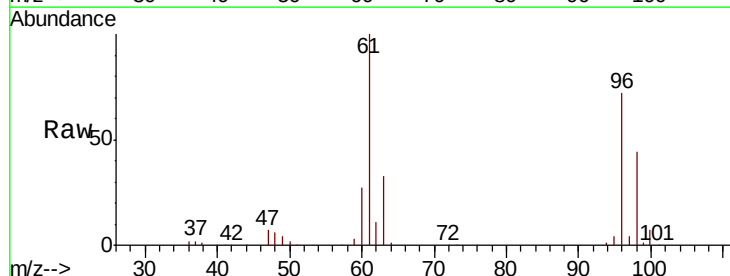
RT: 2.99 min Scan# 747

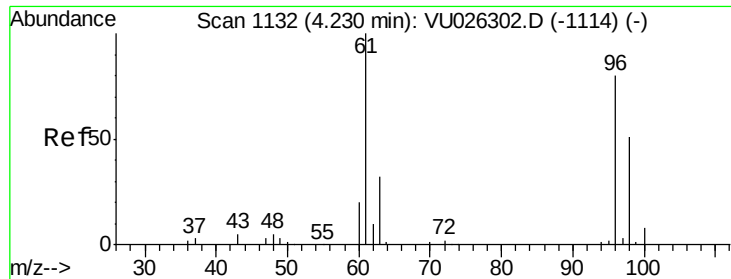
Delta R.T. 0.01 min

Lab File: VU026322.D

Acq: 24 Aug 2018 00:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.9	97.9	181.9
98	61.8	45.1	83.7





#20

cis-1,2-Dichloroethene

Concen: 7512.63 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU026322.D

Acq: 24 Aug 2018 00:28

Instrument :
MSVOA_U
ClientSampleId :
ETBK0

Tot Ion: 96 Resp:17901652

Ion Ratio Lower Upper

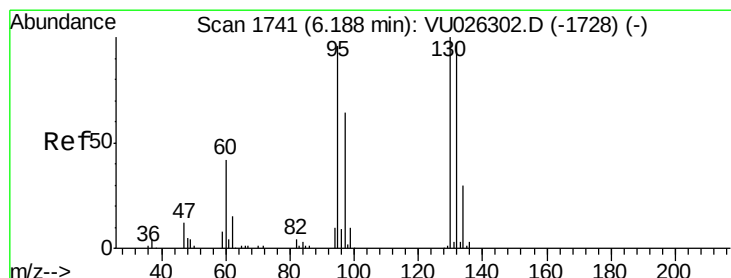
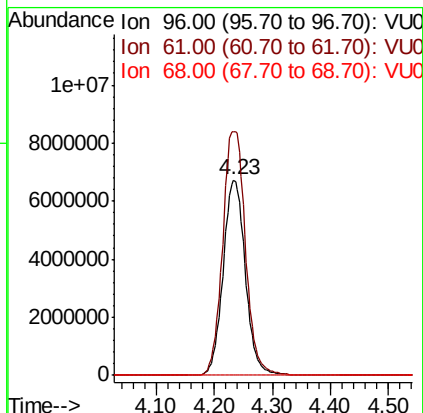
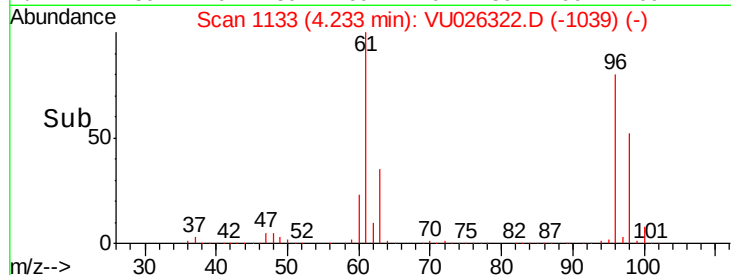
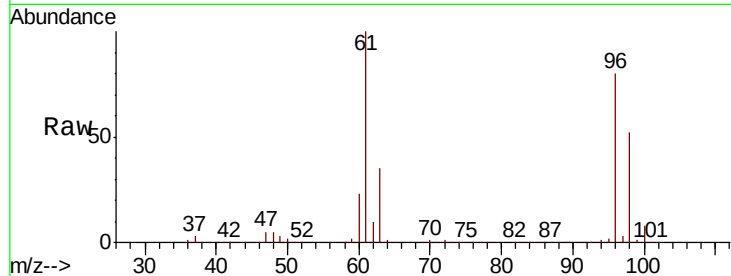
96 100

61 124.5 90.3 167.7

68 0.0 0.0 0.0

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#34

Trichloroethene

Concen: 26917.31 ug/L m

RT: 6.19 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VU026322.D

Acq: 24 Aug 2018 00:28

Tgt Ion: 95 Resp:65976363

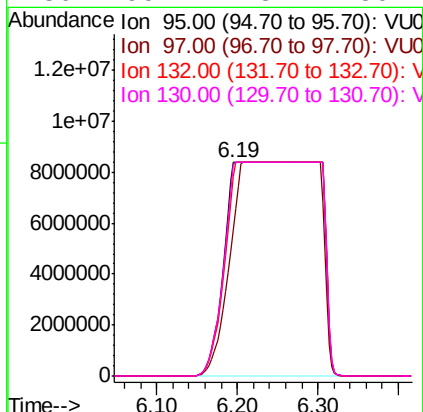
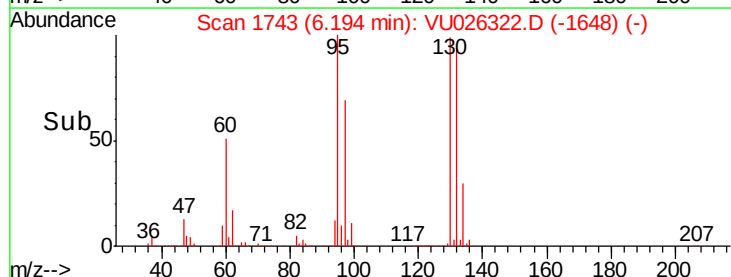
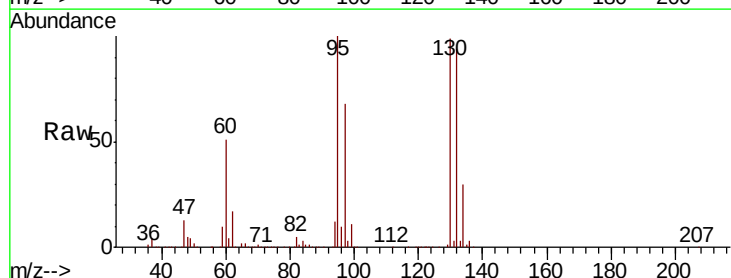
Ion Ratio Lower Upper

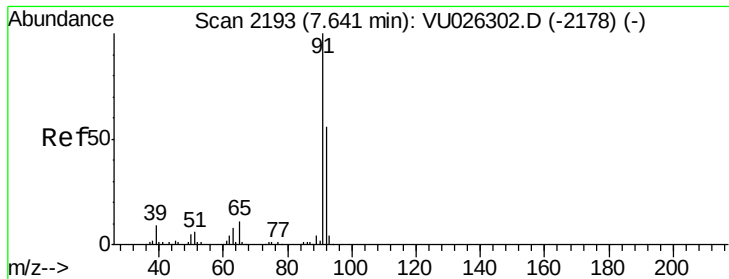
95 100

97 68.5 47.2 87.6

132 93.7 70.2 130.4

130 99.1 73.4 136.4





#42

Toluene

Concen: 7.25 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU026322.D

Acq: 24 Aug 2018 00:28

Instrument :

MSVOA_U

ClientSampleId :

ETBK0

Tot Ion: 91 Resp: 71549

Ion Ratio Lower Upper

91 100

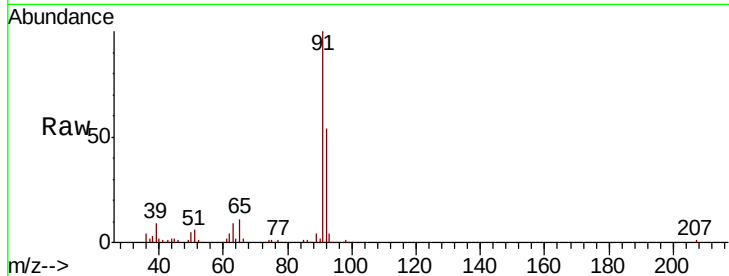
92 53.8 39.9 74.1

Manual Integrations

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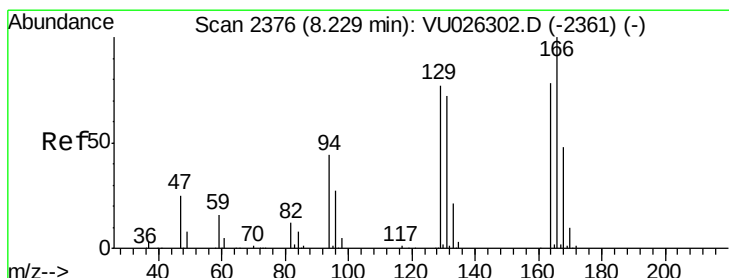
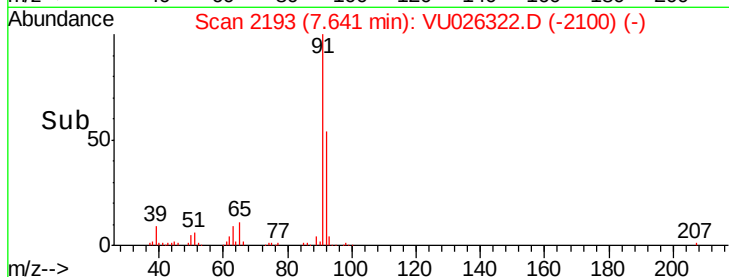
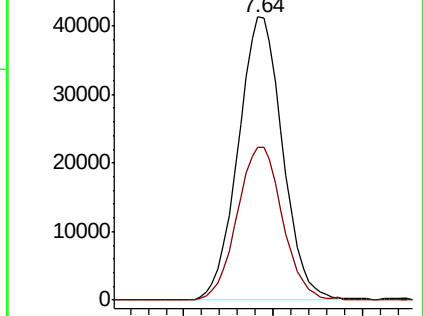
sam

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Abundance Ion 91.00 (90.70 to 91.70): VU026322.D (-2178) (-)

Ion 92.00 (91.70 to 92.70): VU026322.D (-2178) (-)



#46

Tetrachloroethene

Concen: 10.42 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU026322.D

Acq: 24 Aug 2018 00:28

Tgt Ion: 164 Resp: 21983

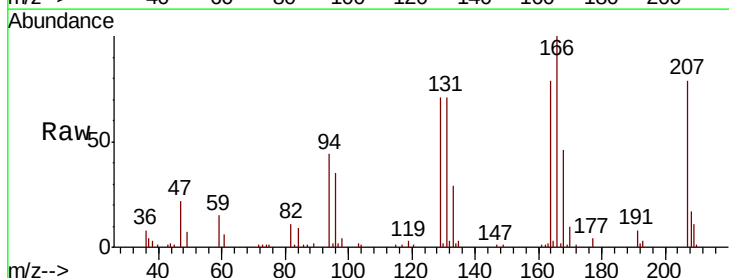
Ion Ratio Lower Upper

164 100

129 89.4 67.3 124.9

131 89.8 65.5 121.7

166 126.4 90.9 168.9

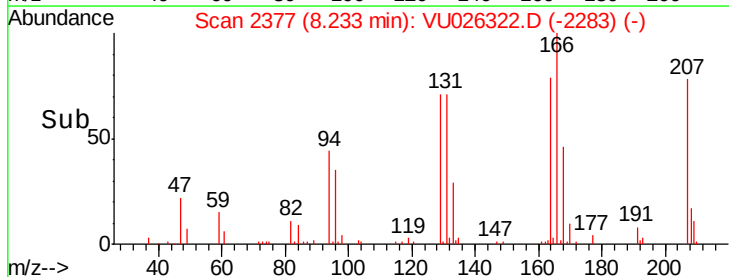
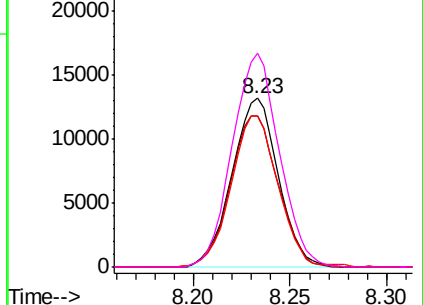


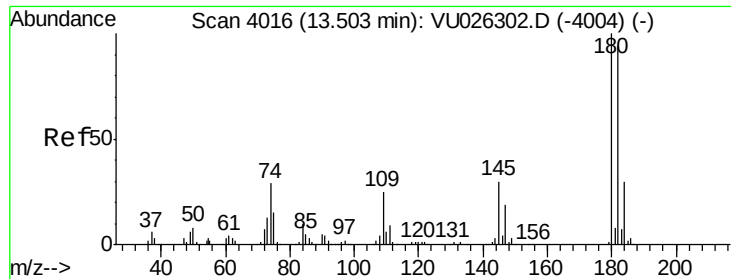
Abundance Ion 164.00 (163.70 to 164.70): VU026322.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026322.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026322.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026322.D (-2283) (-)





#68
 1,2,4-trichlorobenzene
 Concen: 5.12 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU026322.D
 Acq: 24 Aug 2018 00:28

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBK0

Tot Ion	Ratio	Resp	Lower	Upper
180	100	17960		
182	91.3		75.8	113.6
145	30.4		23.8	35.8

Manual Integrations
 APPROVED

sam
 8/24/2018 2:44:15 PM

