

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031617.D
 Acq On : 30 Apr 2019 03:55
 Operator : JC/SP
 Sample : K2593-05 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XD7

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:44:51 AM

Quant Time: Apr 30 05:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	627939	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	619054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	233183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	330231	62.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.68%
7) Chloroethane-d5	1.68	69	242261	59.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.30%
11) 1,1-Dichloroethene-d2	2.27	63	447872	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.58%
21) 2-Butanone-d5	4.18	46	562235	118.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.08%
24) Chloroform-d	4.64	84	509065	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
26) 1,2-Dichloroethane-d4	5.31	65	359868	57.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.46%
32) Benzene-d6	5.34	84	999695	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.18%
36) 1,2-Dichloropropane-d6	6.33	67	363814	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.80%
41) Toluene-d8	7.56	98	818963	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%
43) trans-1,3-Dichloropropene-	7.85	79	136994	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.44%
47) 2-Hexanone-d5	8.31	63	321487	111.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	453842	50.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	245889	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	408236	45.848 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	9368	1.711 ug/L	68
31) Carbon tetrachloride	5.13	117	12117	1.634 ug/L #	68
34) Trichloroethene	6.18	95	19137059m	3468.662 ug/L	
42) Toluene	7.64	91	29320	1.293 ug/L	86
44) trans-1,3-Dichloropropene	7.85	75	5725	0.739 ug/L #	81
46) Tetrachloroethene	8.22	164	395394	105.124 ug/L	97
53) m,p-Xylene	9.38	106	9213	1.124 ug/L	84
54) o-xylene	9.78	106	6768	0.833 ug/L	86

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

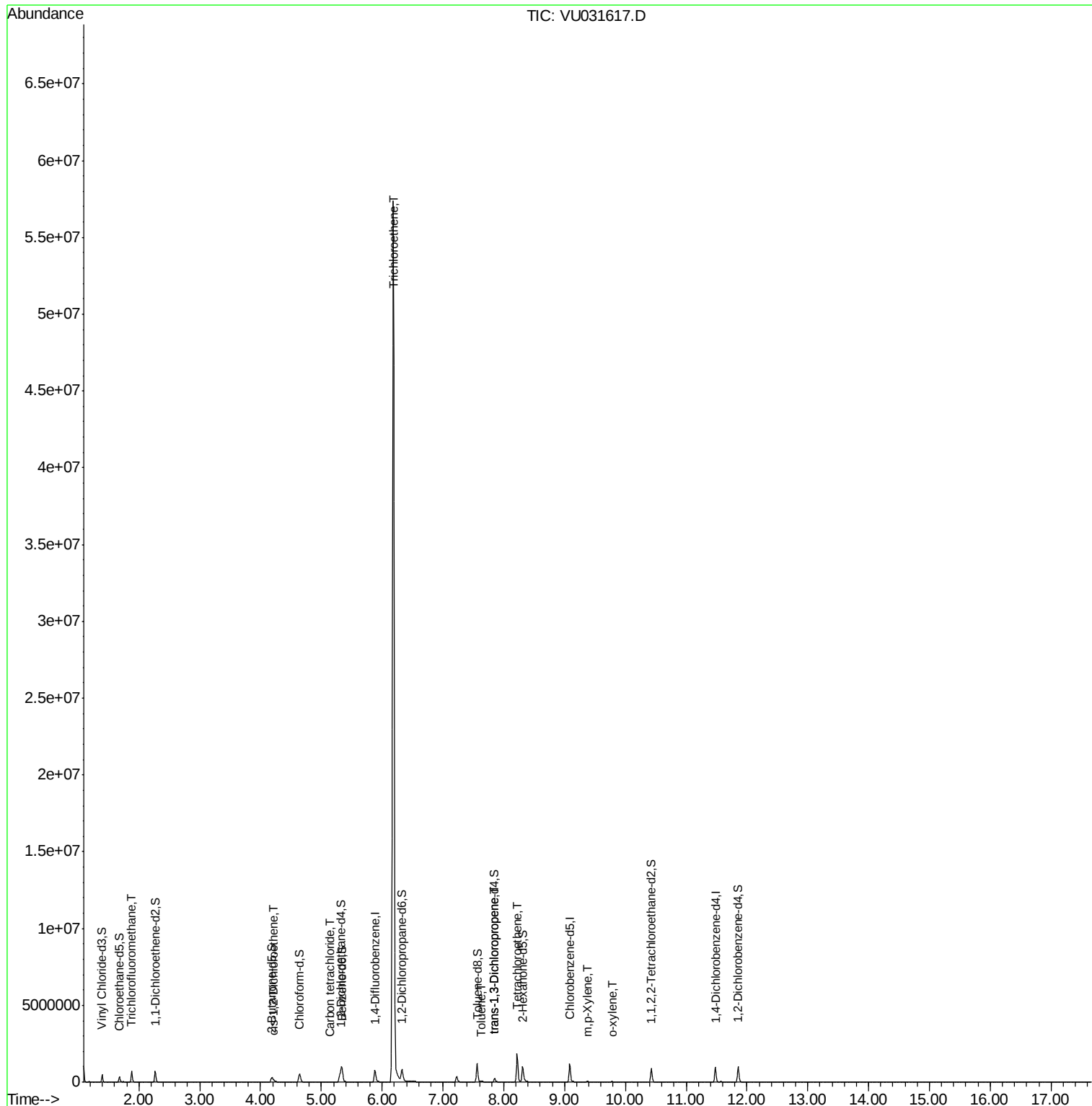
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031617.D
Acq On : 30 Apr 2019 03:55
Operator : JC/SP
Sample : K2593-05 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

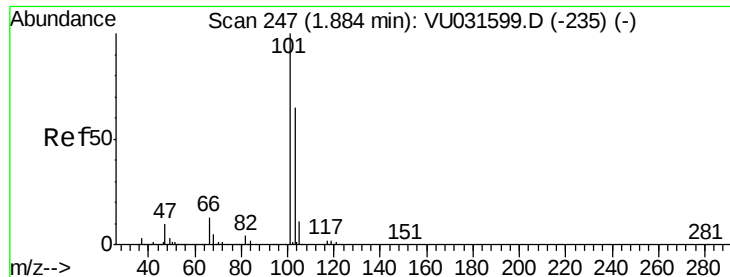
Instrument :
MSVOA_U
ClientSampleId :
C0XD7

Manual Integrations
APPROVED

MMDadoda
4/30/2019 11:44:51 AM

Quant Time: Apr 30 05:44:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration





#9

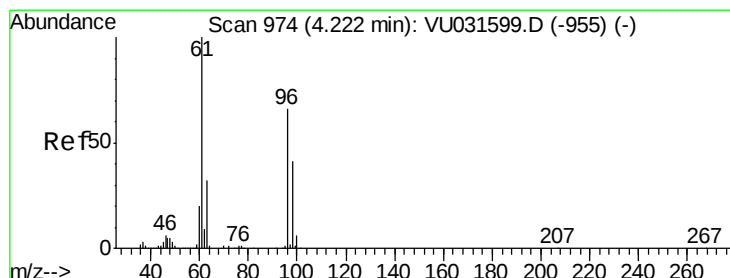
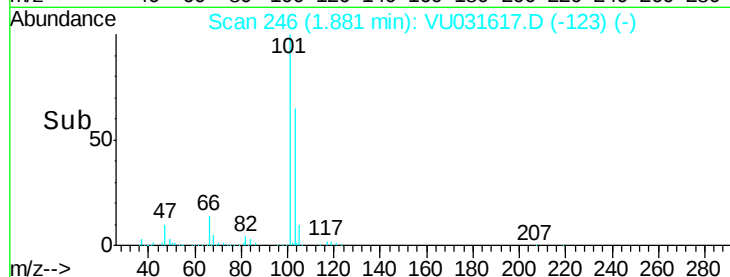
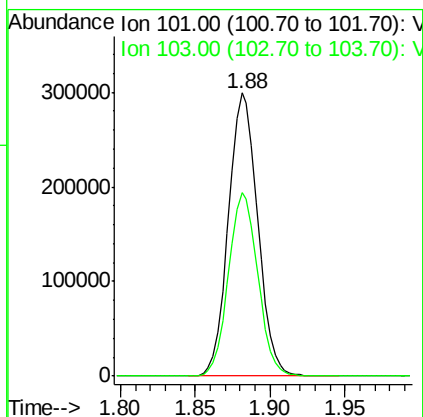
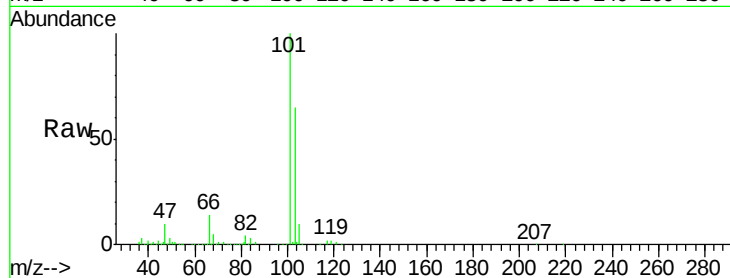
Trichlorofluoromethane
 Concen: 45.848 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031617.D
 Acq: 30 Apr 2019 03:55

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XD7

Tot Ion	Ratio	Resp	Lower	Upper
101	100	408236		
103	64.8	50.8	76.2	

Manual Integrations
 APPROVED

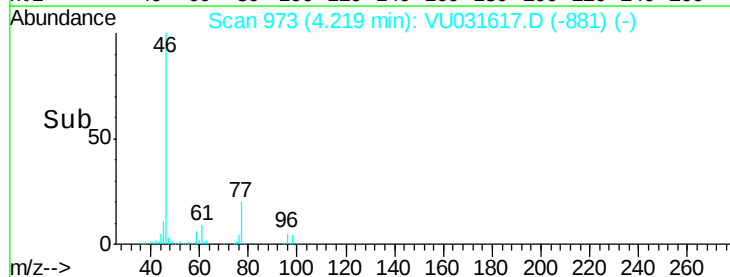
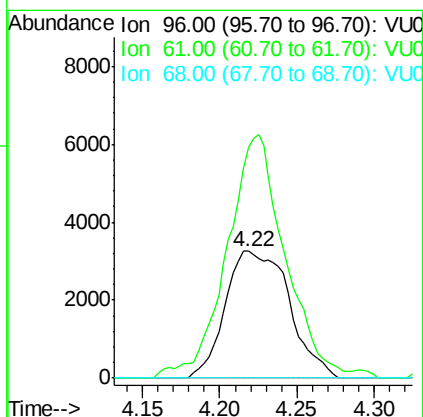
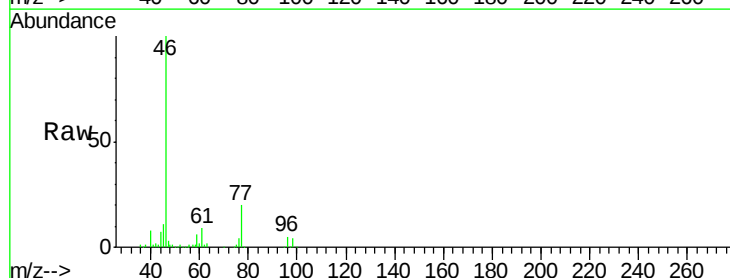
MMDadoda
 4/30/2019 11:44:51 AM

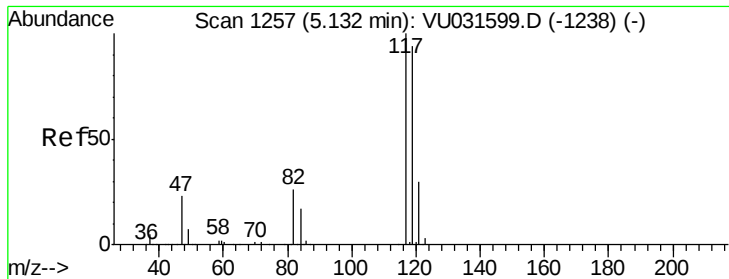


#20

cis-1,2-Dichloroethene
 Concen: 1.711 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031617.D
 Acq: 30 Apr 2019 03:55

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	9368		
61	181.9	99.5	184.7	
68	0.0	0.0	0.0	





#31

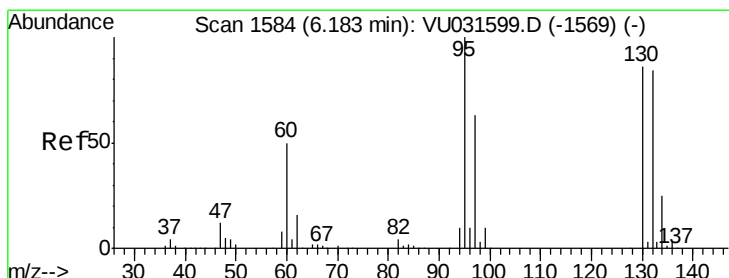
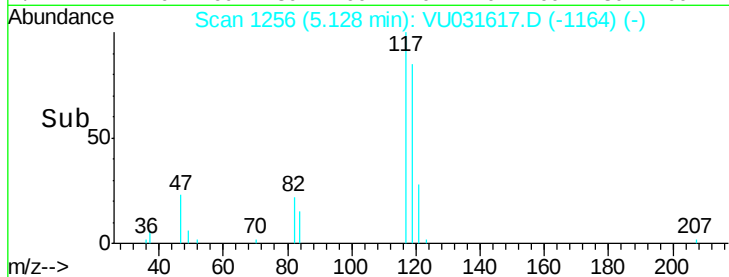
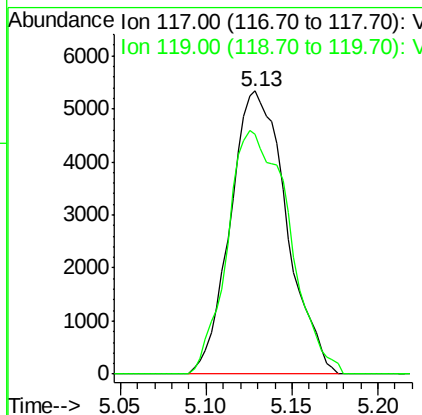
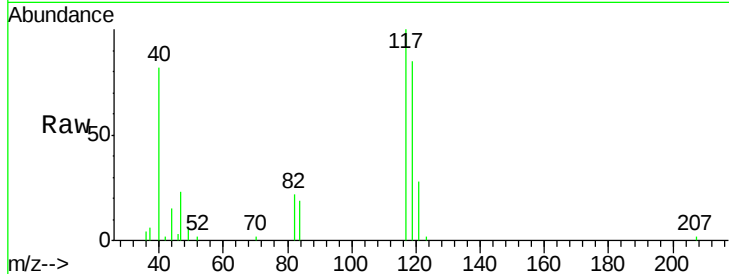
Carbon tetrachloride
Concen: 1.634 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. -0.00 min
Lab File: VU031617.D
Acq: 30 Apr 2019 03:55

Instrument :
MSVOA_U
ClientSampleId :
C0XD7

Tot Ion:117 Resp: 12117
Ion Ratio Lower Upper
117 100
119 64.9 76.6 114.8#

Manual Integrations
APPROVED

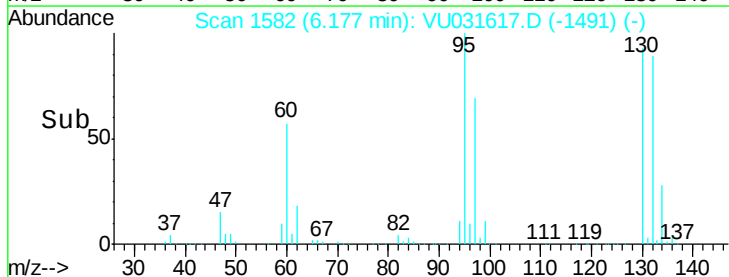
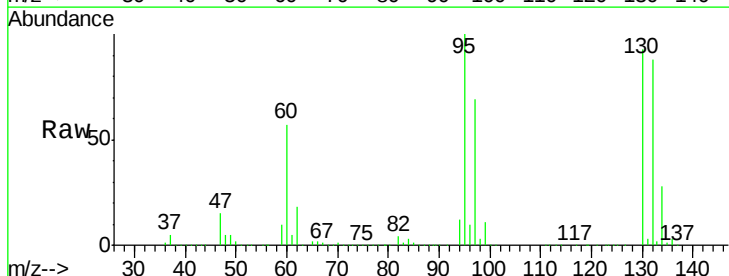
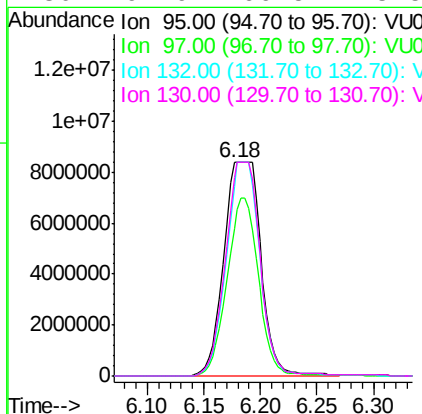
MMDadoda
4/30/2019 11:44:51 AM

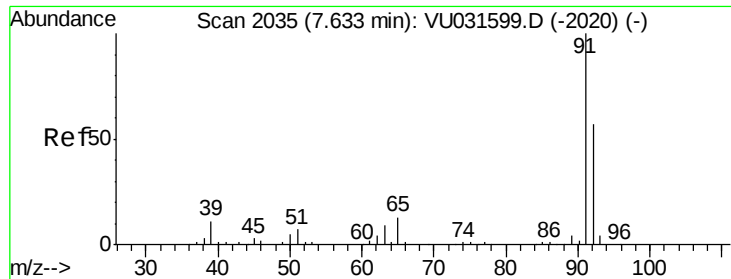


#34

Trichloroethene
Concen: 3468.662 ug/L m
RT: 6.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: VU031617.D
Acq: 30 Apr 2019 03:55

Tgt Ion: 95 Resp:19137059
Ion Ratio Lower Upper
95 100
97 69.2 44.8 83.2
132 88.5 63.1 117.1
130 92.9 66.5 123.5





#42

Toluene

Concen: 1.293 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031617.D

Acq: 30 Apr 2019 03:55

Instrument :

MSVOA_U

ClientSampled :

C0XD7

Tot Ion: 91 Resp: 29320

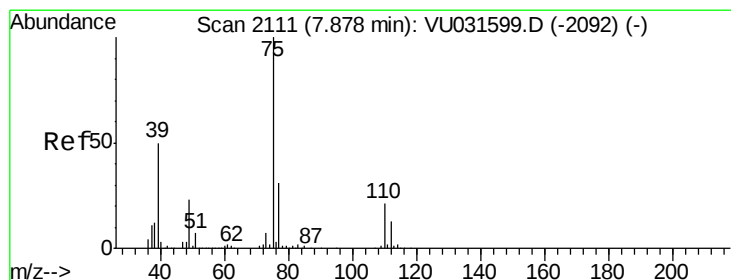
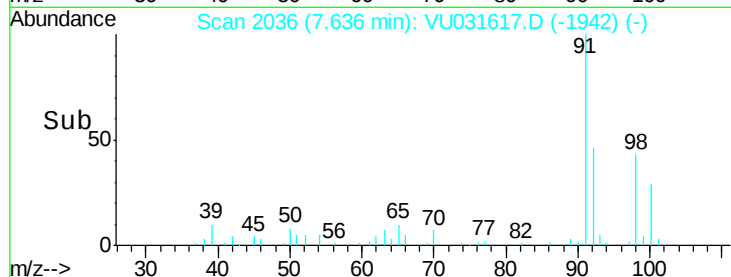
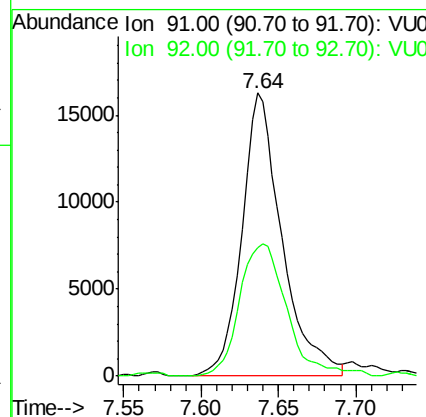
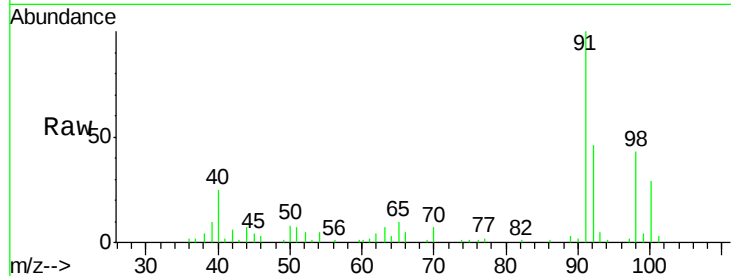
Ion Ratio Lower Upper

91 100

92 45.5 39.0 72.4

Manual Integrations
APPROVED

MMDadoda
4/30/2019 11:44:51 AM



#44

trans-1,3-Dichloropropene

Concen: 0.739 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031617.D

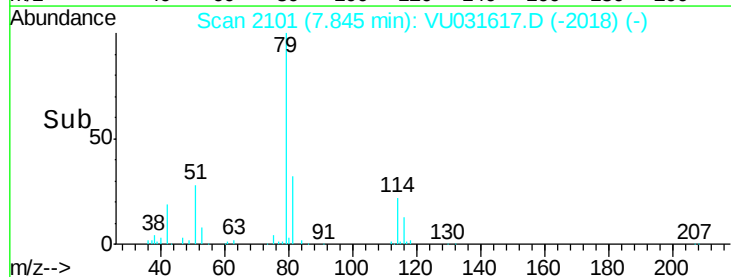
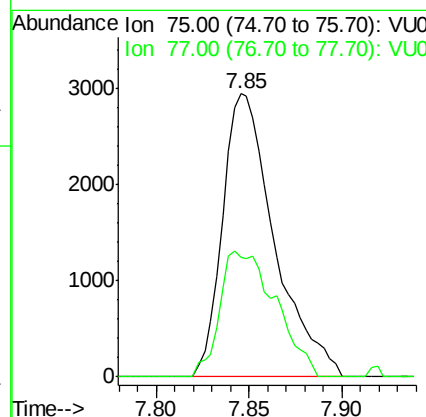
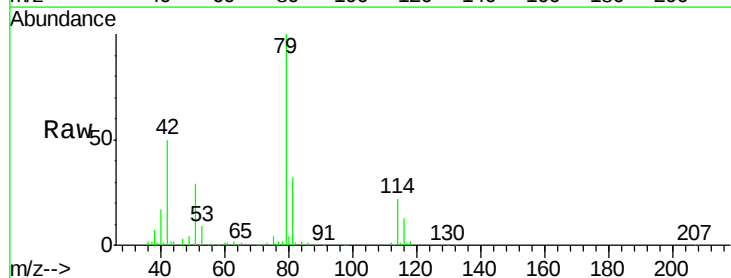
Acq: 30 Apr 2019 03:55

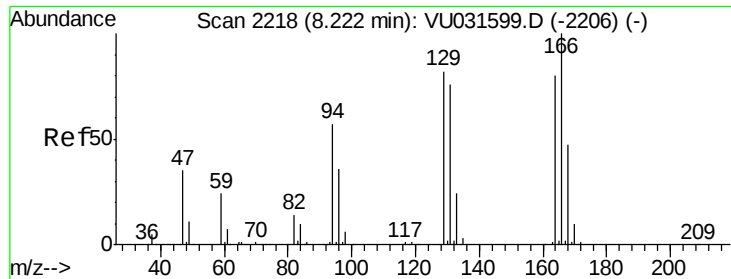
Tgt Ion: 75 Resp: 5725

Ion Ratio Lower Upper

75 100

77 42.3 22.1 41.1#





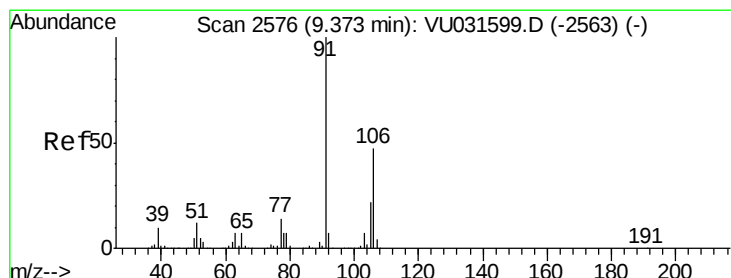
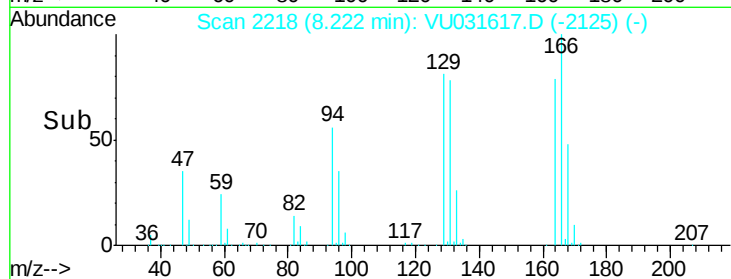
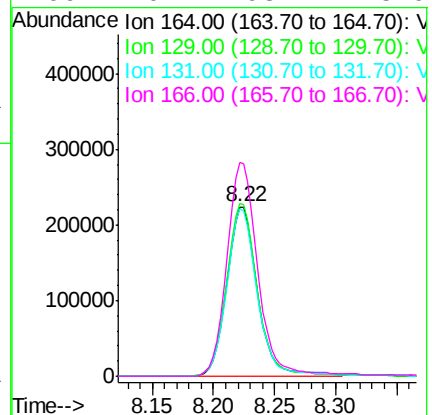
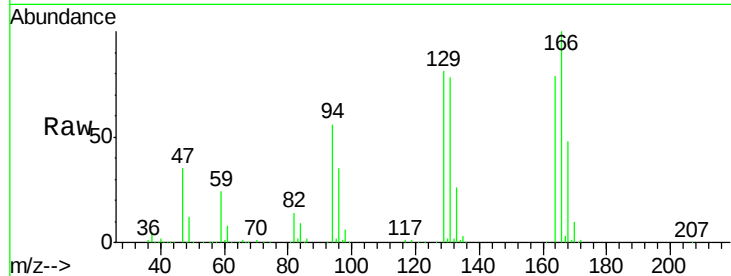
#46
Tetrachloroethene
Concen: 105.124 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU031617.D
Acq: 30 Apr 2019 03:55

Instrument :
MSVOA_U
ClientSampleId :
C0XD7

Tot Ion	164	Resp	395394
Ion	Ratio	Lower	Upper
164	100		
129	101.9	71.5	132.9
131	98.9	69.0	128.2
166	126.2	93.7	173.9

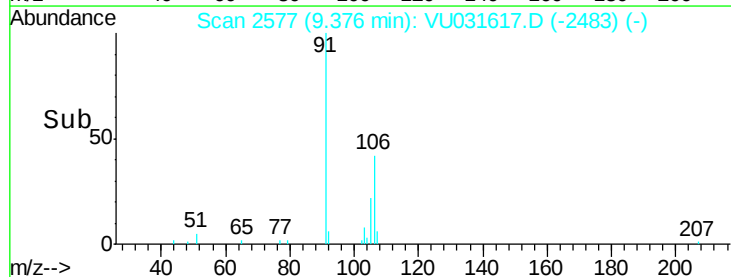
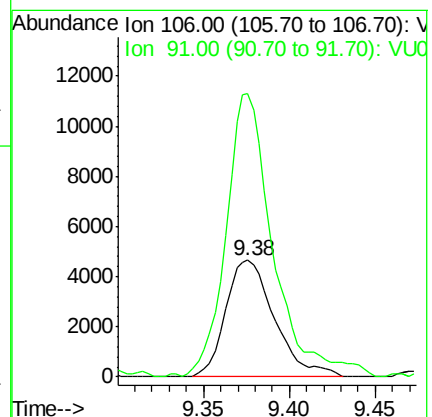
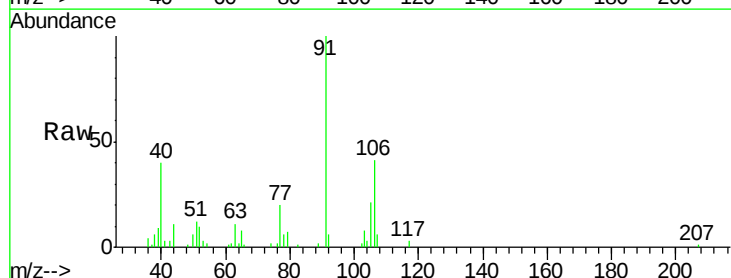
Manual Integrations
APPROVED

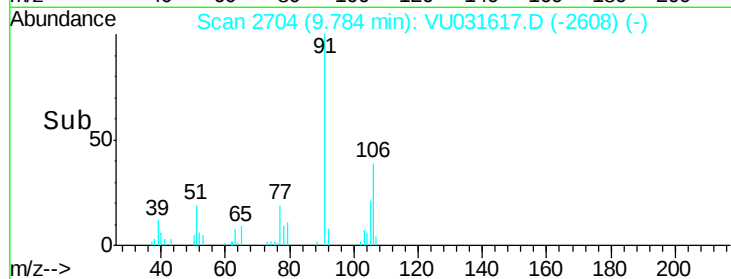
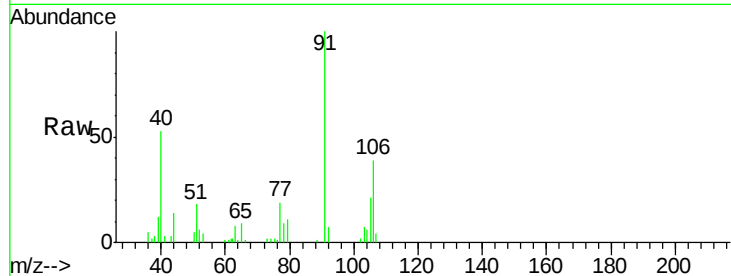
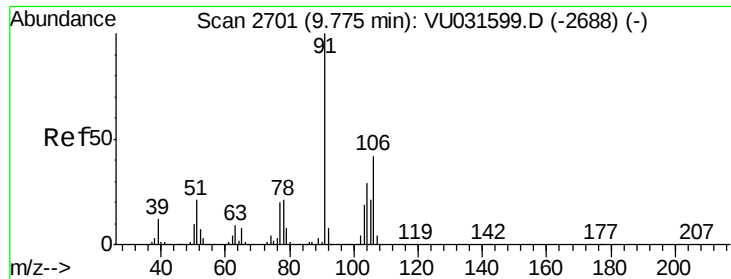
MMDadoda
4/30/2019 11:44:51 AM



#53
m,p-Xylene
Concen: 1.124 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU031617.D
Acq: 30 Apr 2019 03:55

Tgt Ion	106	Resp	9213
Ion	Ratio	Lower	Upper
106	100		
91	243.0	152.2	282.6





#54
o-xylene
Concen: 0.833 ug/L
RT: 9.78 min Scan# 2704
Delta R.T. 0.01 min
Lab File: VU031617.D
Acq: 30 Apr 2019 03:55

Tot Ion	Ratio	Resp	Lower	Upper
106	100	6768		
91	256.1	163.2	303.2	

Instrument :
MSVOA_U
ClientSampleId :
C0XD7

Manual Integrations
APPROVED

MMDadoda
4/30/2019 11:44:51 AM

