

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032005.D
 Acq On : 14 May 2019 19:24
 Operator : JC/SP
 Sample : K2738-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB890

Manual Integrations
 APPROVED

MMDadoda
 5/15/2019 10:13:56 AM

Quant Time: May 15 05:35:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1140761	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1162444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	485218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	409620	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.84%
7) Chloroethane-d5	1.67	69	348048	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.88%
11) 1,1-Dichloroethene-d2	2.27	63	581955	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.86%
21) 2-Butanone-d5	4.17	46	649209	92.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.62%
24) Chloroform-d	4.64	84	725415	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
26) 1,2-Dichloroethane-d4	5.31	65	471580	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
32) Benzene-d6	5.34	84	1536694	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
36) 1,2-Dichloropropane-d6	6.32	67	512200	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.26%
41) Toluene-d8	7.56	98	1403318	46.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.08%
43) trans-1,3-Dichloropropene-	7.85	79	217943	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.31	63	476365	105.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	720939	43.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	493633	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	43105	3.508 ug/L	# 1
13) Acetone	2.32	43	21370	2.965 ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	294547	33.607 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	297578	30.696 ug/L	99
34) Trichloroethene	6.18	95	13982946	1482.849 ug/L	99
35) Methylcyclohexane	6.41	83	13539	0.936 ug/L	95
46) Tetrachloroethene	8.22	164	23729700m	3564.269 ug/L	
56) Isopropylbenzene	10.17	105	16288	0.422 ug/L	99

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

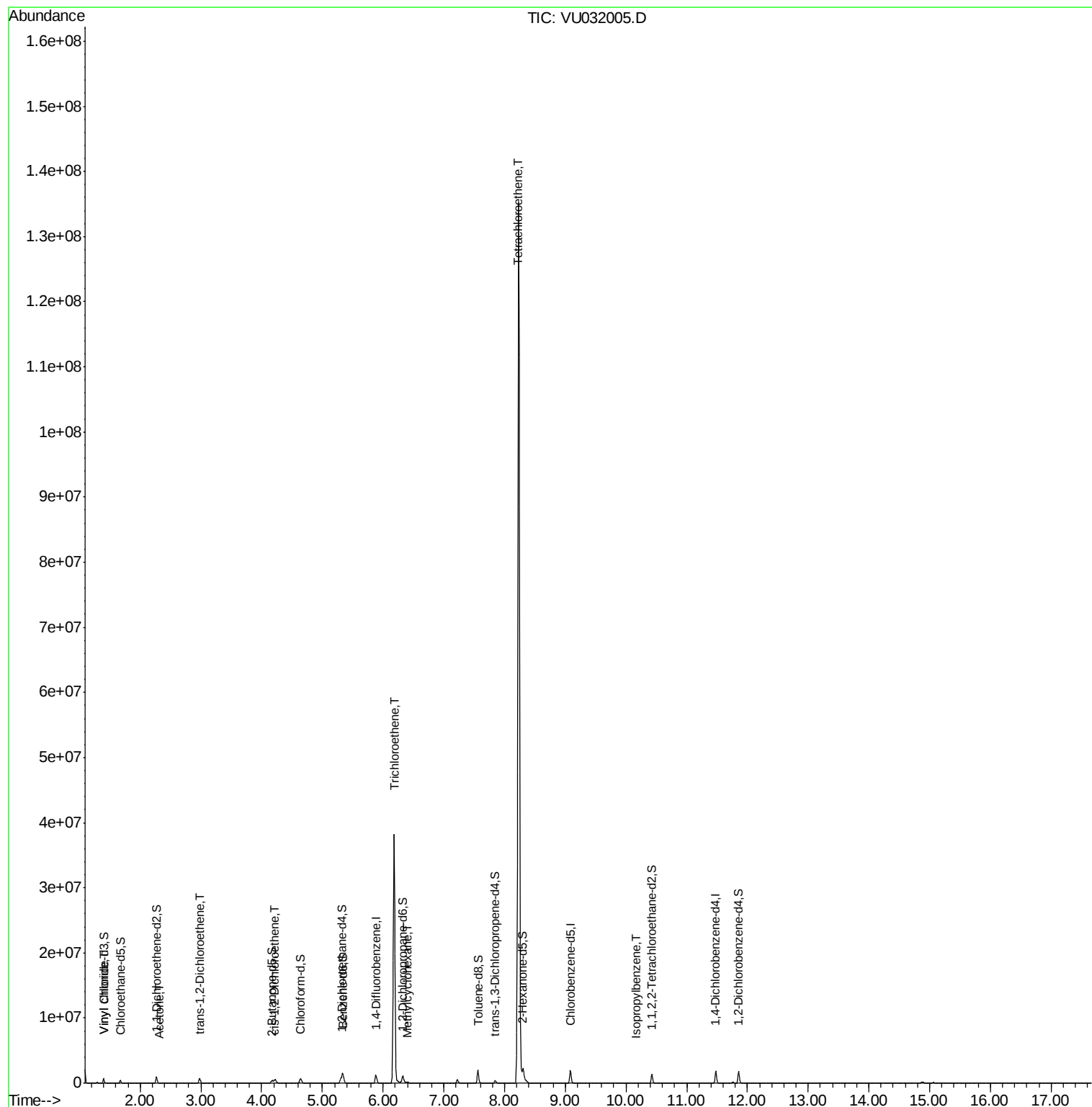
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051419\
Data File : VU032005.D
Acq On : 14 May 2019 19:24
Operator : JC/SP
Sample : K2738-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

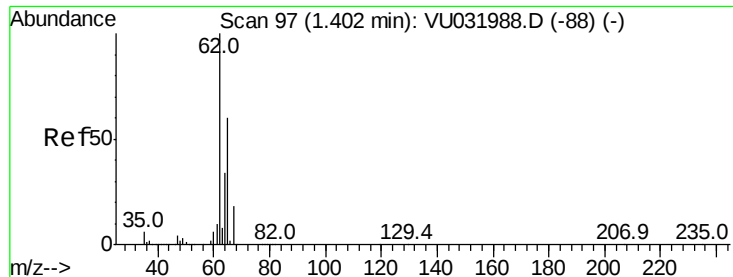
Instrument :
MSVOA_U
ClientSampleId :
DB890

Manual Integrations
APPROVED

MMDadoda
5/15/2019 10:13:56 AM

Quant Time: May 15 05:35:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.508 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU032005.D

Acq: 14 May 2019 19:24

Instrument :

MSVOA_U

ClientSampled :

DB890

Tot Ion: 62 Resp: 43105

Ion Ratio Lower Upper

62 100

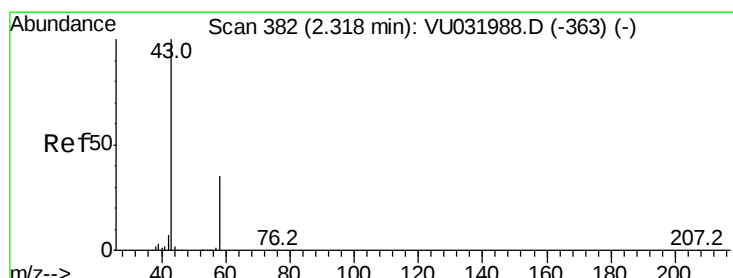
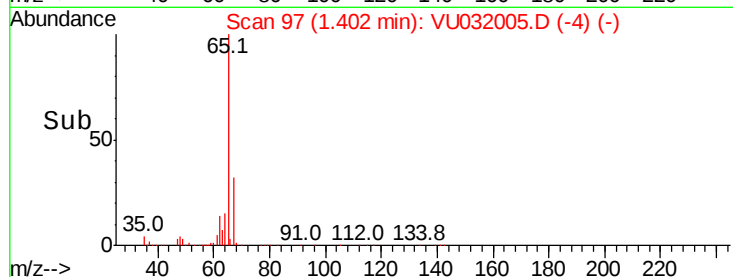
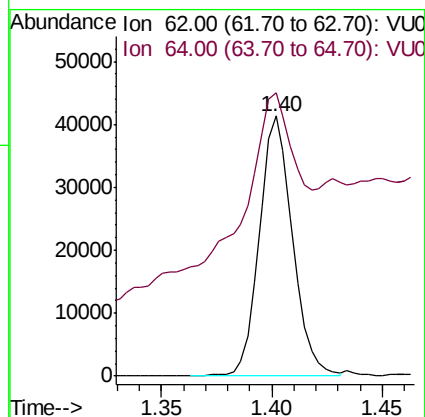
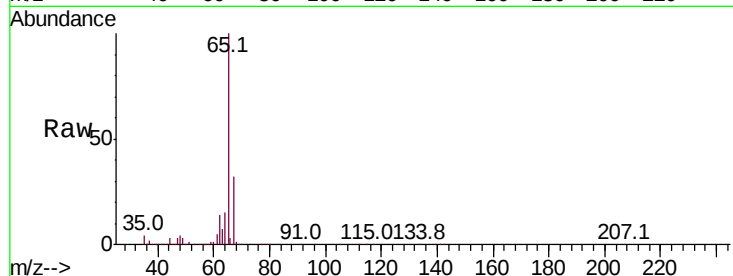
64 108.8 23.6 43.8#

Manual Integrations

APPROVED

MMDadoda

5/15/2019 10:13:56 AM



#13

Acetone

Concen: 2.965 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032005.D

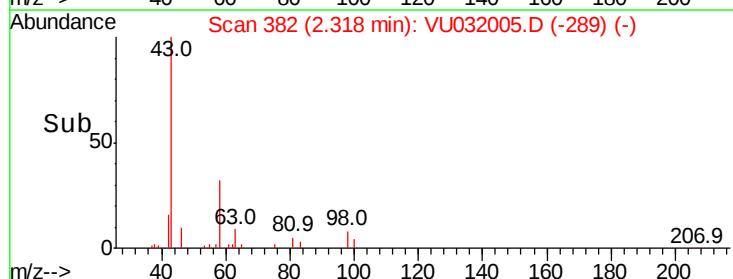
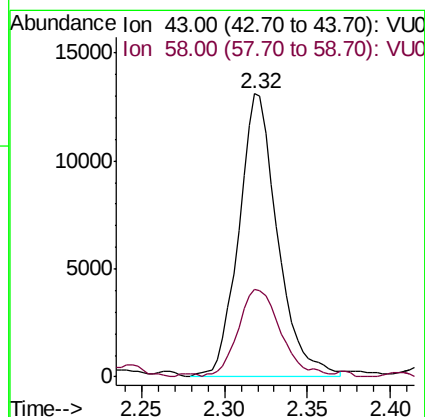
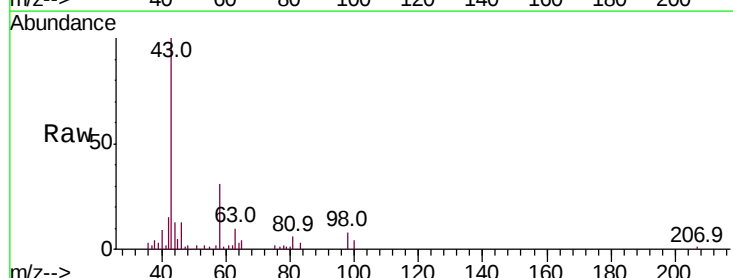
Acq: 14 May 2019 19:24

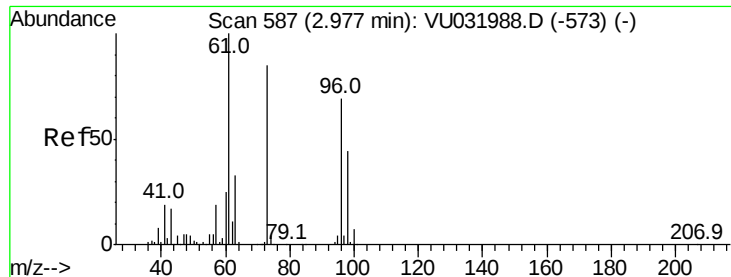
Tgt Ion: 43 Resp: 21370

Ion Ratio Lower Upper

43 100

58 33.9 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 33.607 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU032005.D

Acq: 14 May 2019 19:24

Instrument :

MSVOA_U

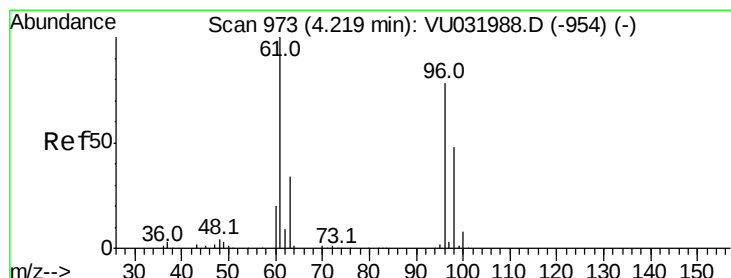
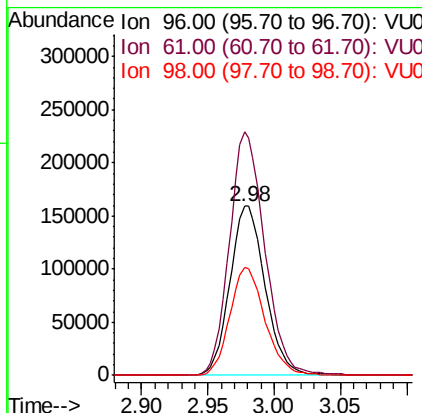
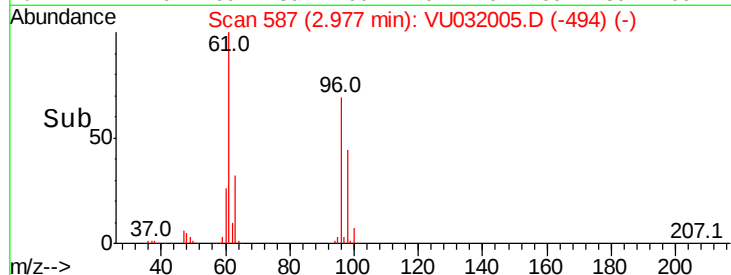
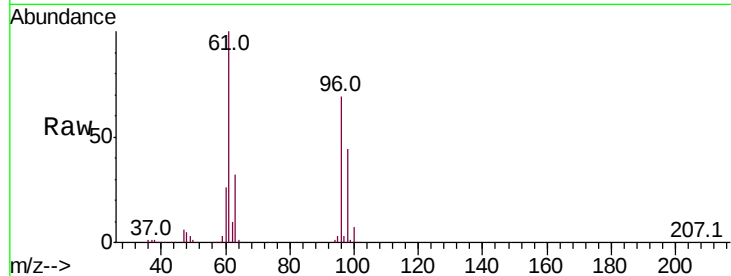
ClientSampleId :

DB890

Tot Ion:	96	Resp:	294547
Ion	Ratio	Lower	Upper
96	100		
61	144.0	103.2	191.6
98	63.7	45.7	84.9

Manual Integrations
APPROVED

MMDadoda
5/15/2019 10:13:56 AM



#20

cis-1,2-Dichloroethene

Concen: 30.696 ug/L

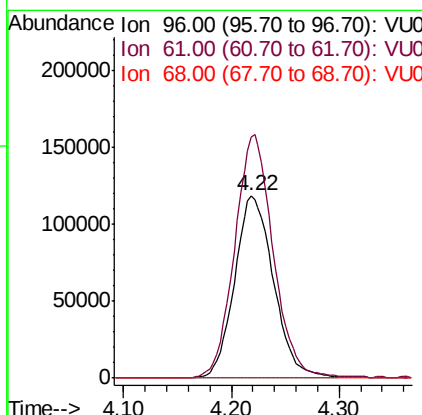
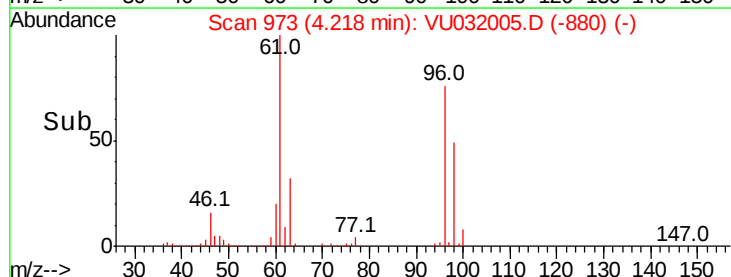
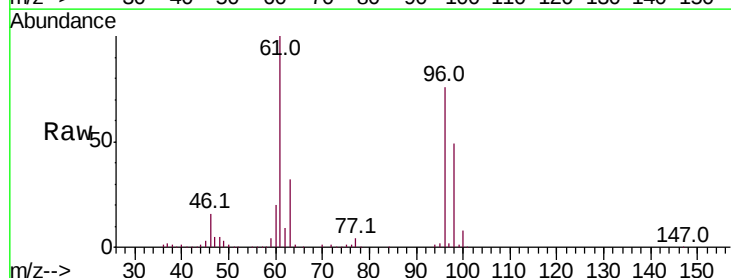
RT: 4.22 min Scan# 973

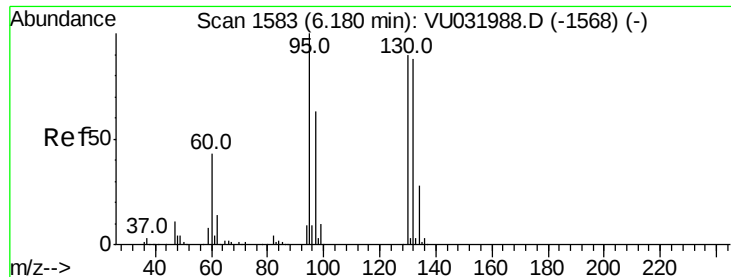
Delta R.T. -0.00 min

Lab File: VU032005.D

Acq: 14 May 2019 19:24

Tgt Ion:	96	Resp:	297578
Ion	Ratio	Lower	Upper
96	100		
61	131.8	93.0	172.8
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 1482.849 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032005.D

Acq: 14 May 2019 19:24

Instrument :

MSVOA_U

ClientSampled :

DB890

Tot Ion: 95 Resp: 13982946

Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.3

132 91.3 63.5 117.9

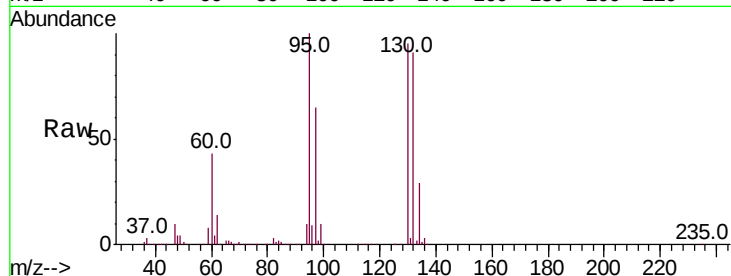
130 94.7 66.2 123.0

Manual Integrations

APPROVED

MMDadoda

5/15/2019 10:13:56 AM

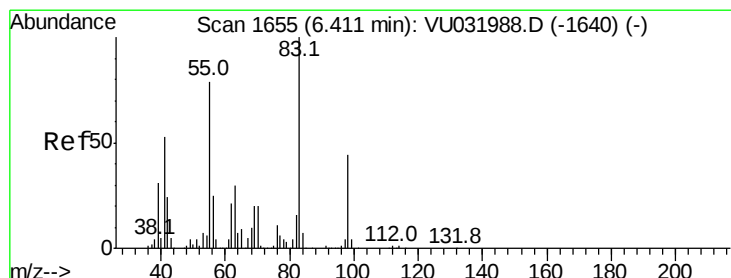
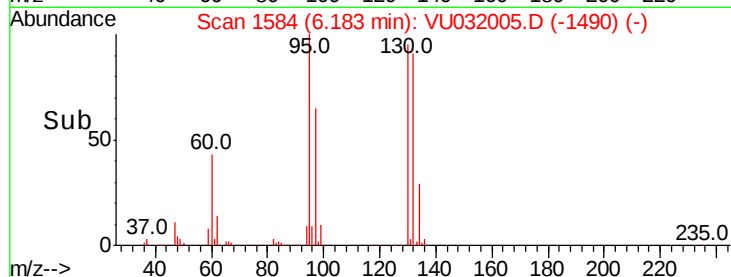
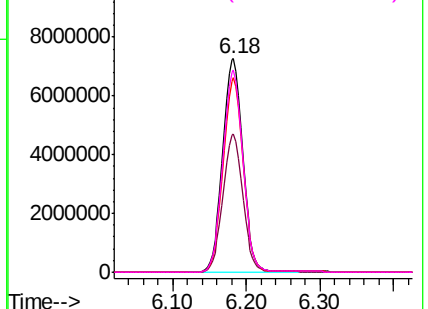


Abundance Ion 95.00 (94.70 to 95.70): VU031988.D (-1568) (-)

Ion 97.00 (96.70 to 97.70): VU031988.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU031988.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU031988.D (-1568) (-)



#35

Methylcyclohexane

Concen: 0.936 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU032005.D

Acq: 14 May 2019 19:24

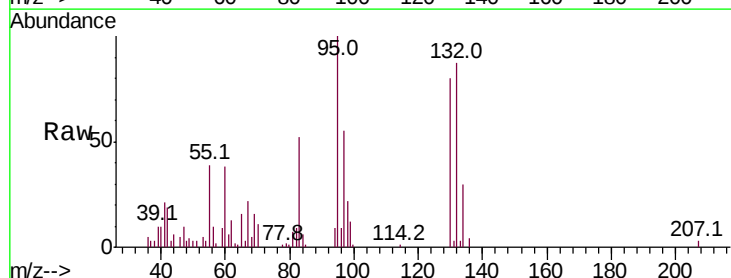
Tgt Ion: 83 Resp: 13539

Ion Ratio Lower Upper

83 100

55 77.8 64.0 96.0

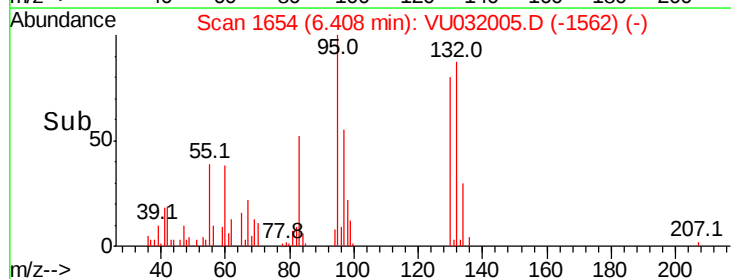
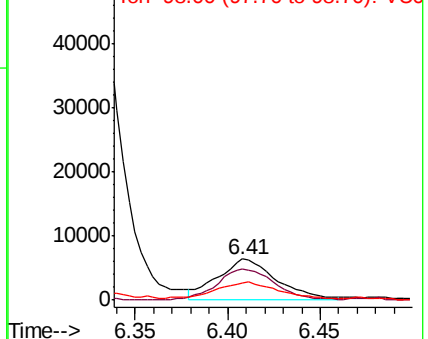
98 50.0 35.6 53.4

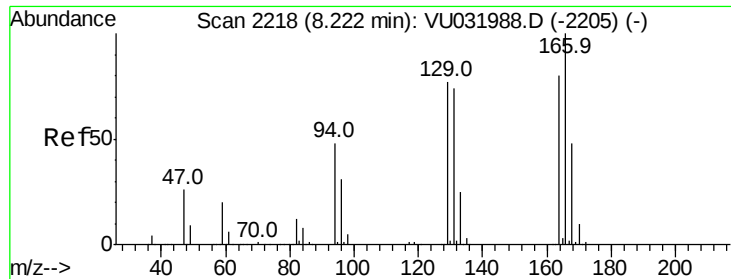


Abundance Ion 83.00 (82.70 to 83.70): VU031988.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU031988.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU031988.D (-1640) (-)





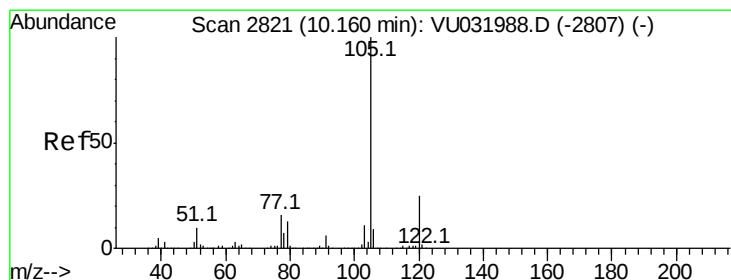
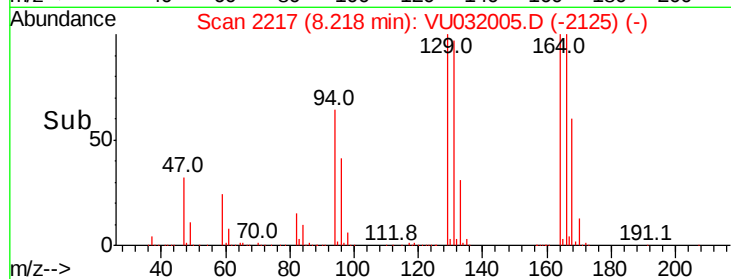
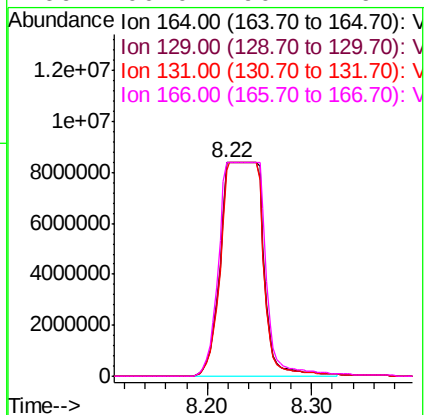
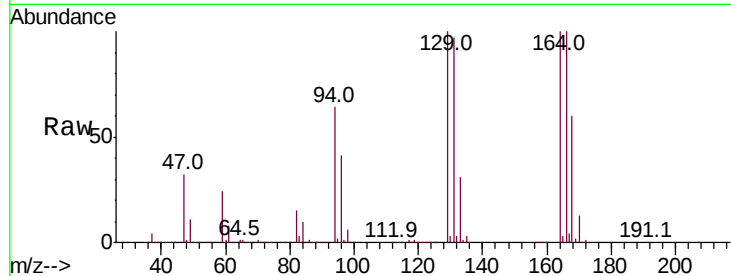
#46
Tetrachloroethene
Concen: 3564.269 ug/L m
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU032005.D
Acq: 14 May 2019 19:24

Instrument :
MSVOA_U
ClientSampleId :
DB890

Tot Ion:164 Resp:23729700
Ion Ratio Lower Upper
164 100
129 100.0 70.9 131.7
131 96.7 67.4 125.2
166 100.0 90.2 167.4

Manual Integrations
APPROVED

MMDadoda
5/15/2019 10:13:56 AM



#56
Isopropylbenzene
Concen: 0.422 ug/L
RT: 10.17 min Scan# 2823
Delta R.T. 0.01 min
Lab File: VU032005.D
Acq: 14 May 2019 19:24

Tgt Ion:105 Resp: 16288
Ion Ratio Lower Upper
105 100
120 25.9 20.5 30.7
77 17.3 13.0 19.4

