

Data File : VU032195.D
Acq On : 21 May 2019 13:23
Operator : JC/SP
Sample : K2788-15ME
Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51A6ME

Quant Time: May 22 02:11:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	988229	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	995284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	478909	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	283326	43.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.92%
7) Chloroethane-d5	1.64	69	138287	24.62	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.24%#
11) 1,1-Dichloroethene-d2	2.21	63	415681	33.86	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.21	46	437862	110.09	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.09%
24) Chloroform-d	4.64	84	554169	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
26) 1,2-Dichloroethane-d4	5.30	65	353378	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
32) Benzene-d6	5.32	84	1212058	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.32	67	353001	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.52%
41) Toluene-d8	7.56	98	1116138	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%
43) trans-1,3-Dichloropropene-	7.85	79	168910	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.33	63	359917	106.21	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	585843	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	467731	46.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

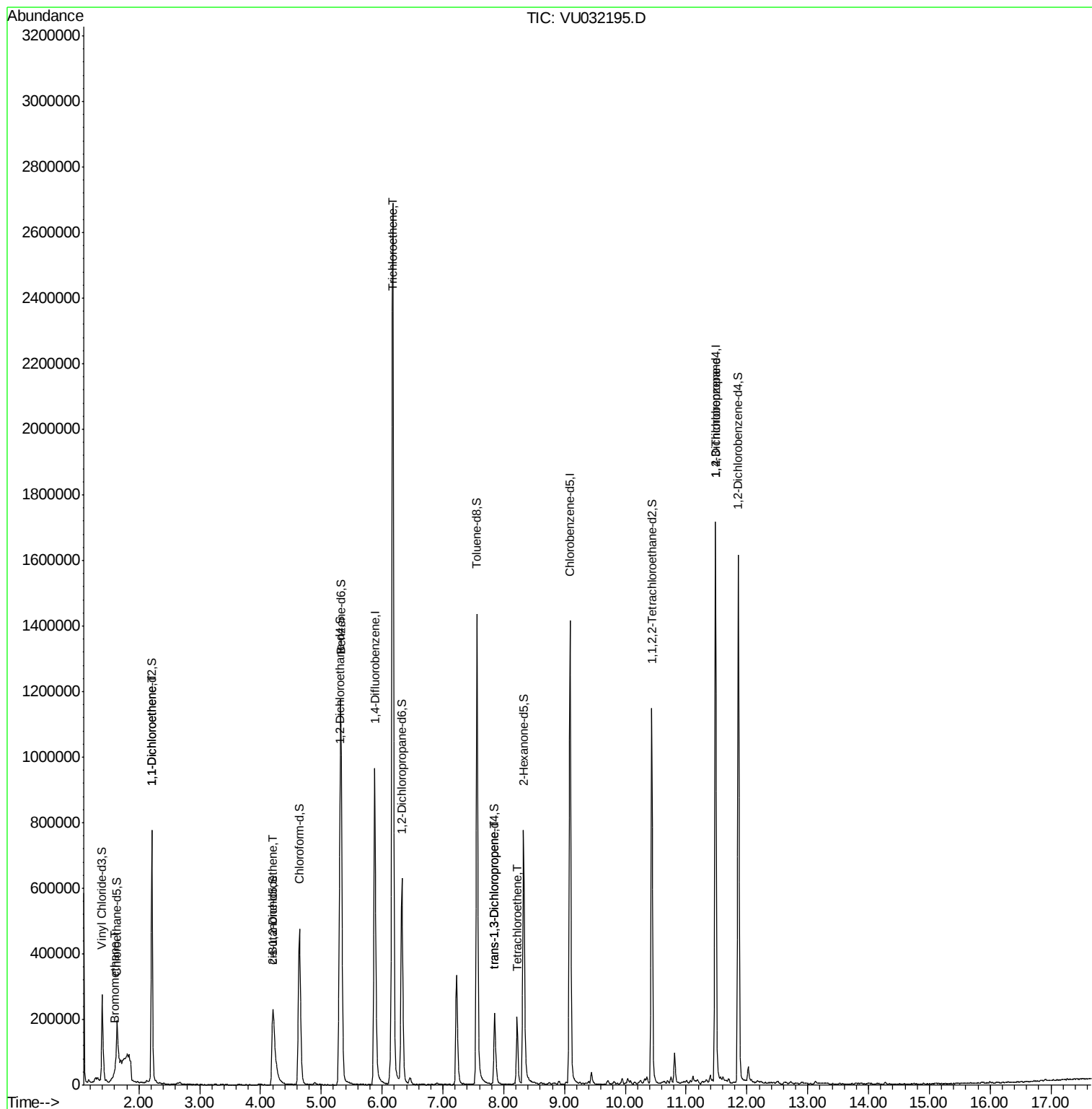
					Qvalue
6) Bromomethane	1.60	94	3328	0.621 ug/L	96
12) 1,1-Dichloroethene	2.22	96	3975	0.600 ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	30613	3.995 ug/L	96
34) Trichloroethene	6.17	95	1013724	136.421 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	6528	0.690 ug/L	99
46) Tetrachloroethene	8.22	164	54540	8.888 ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	51072	5.442 ug/L	95

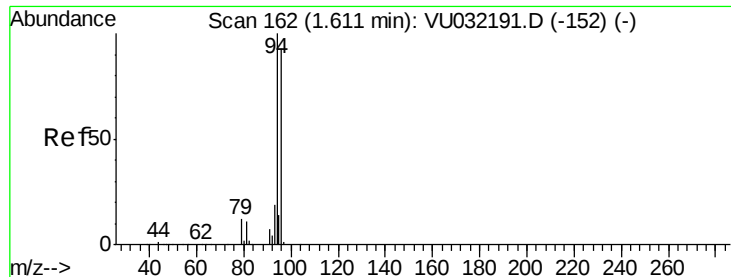
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.621 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.01 min

Lab File: VU032195.D

Acq: 21 May 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

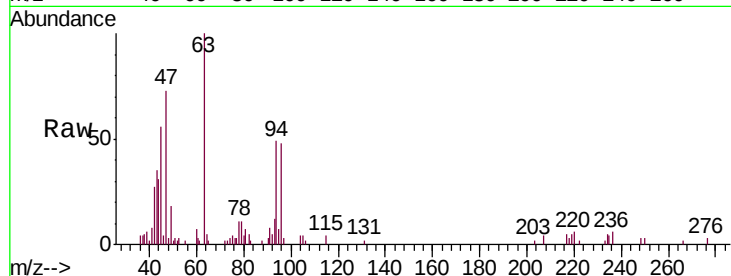
A51A6ME

Tgt Ion: 94 Resp: 3328

Ion Ratio Lower Upper

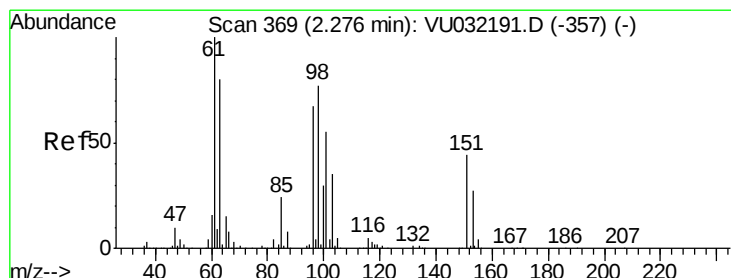
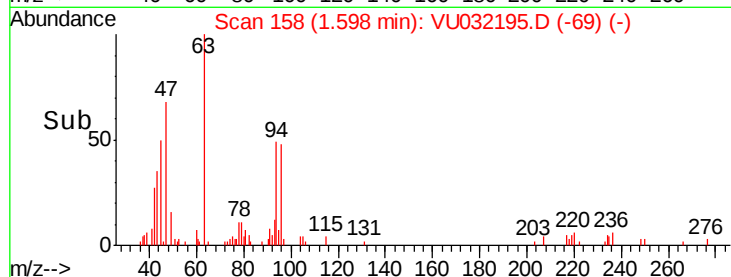
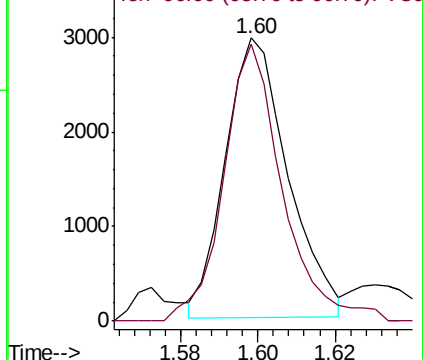
94 100

96 97.6 65.8 122.2



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#12

1,1-Dichloroethene

Concen: 0.600 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.06 min

Lab File: VU032195.D

Acq: 21 May 2019 13:23

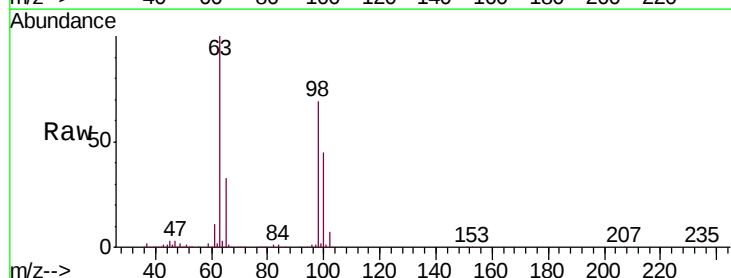
Tgt Ion: 96 Resp: 3975

Ion Ratio Lower Upper

96 100

61 1074.2 103.7 192.7#

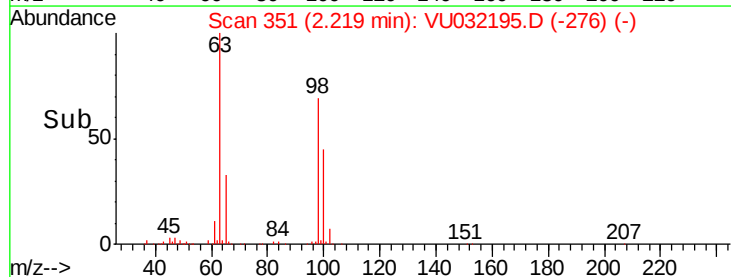
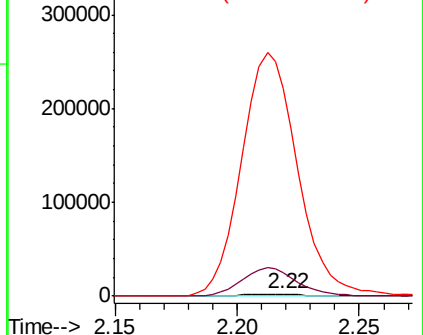
63 9521.8 83.3 154.7#

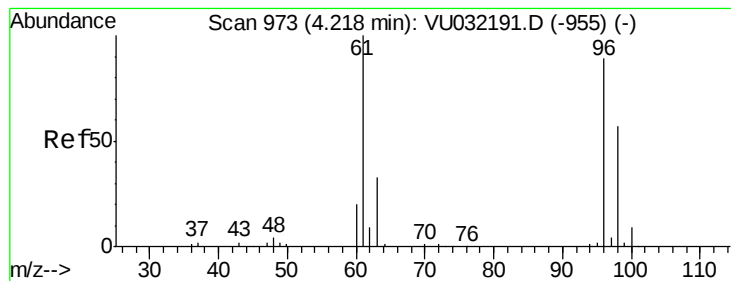


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



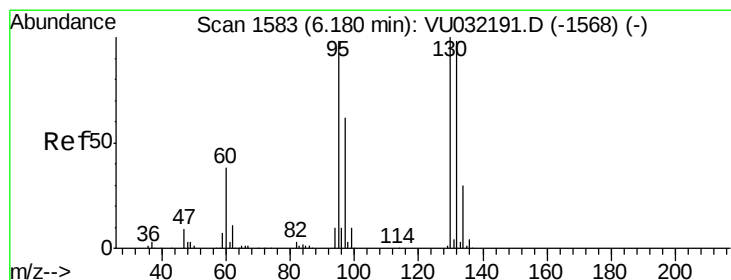
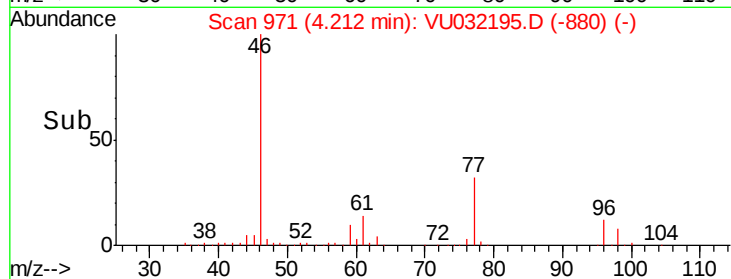
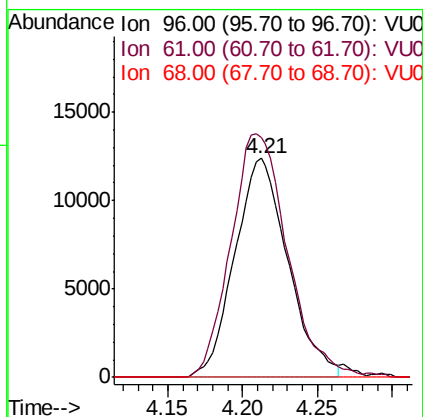
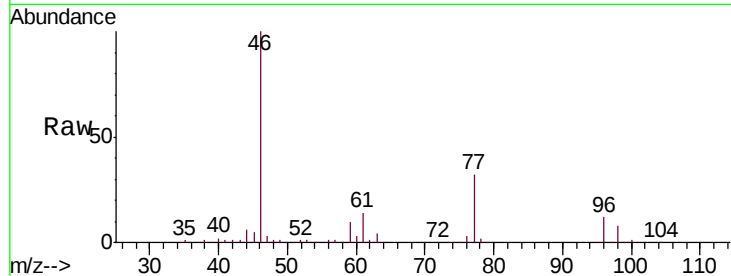


#20

cis-1,2-Dichloroethene
Concen: 3.995 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.01 min
Lab File: VU032195.D
Acq: 21 May 2019 13:23

Instrument :
MSVOA_U
ClientSampleId :
A51A6ME

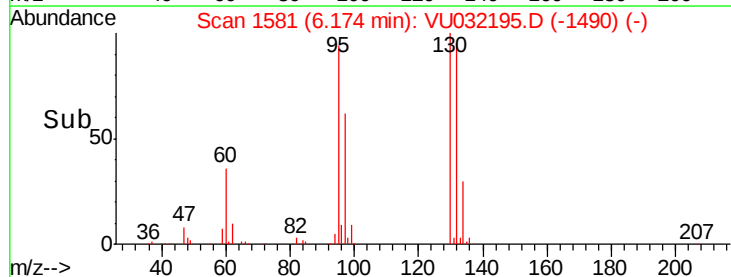
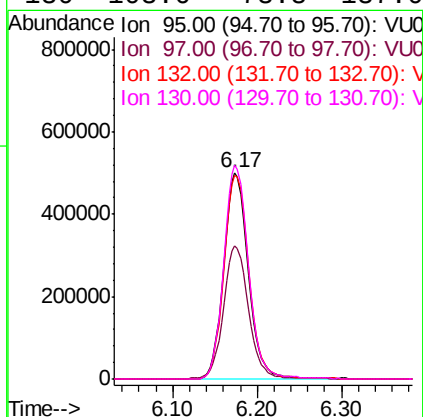
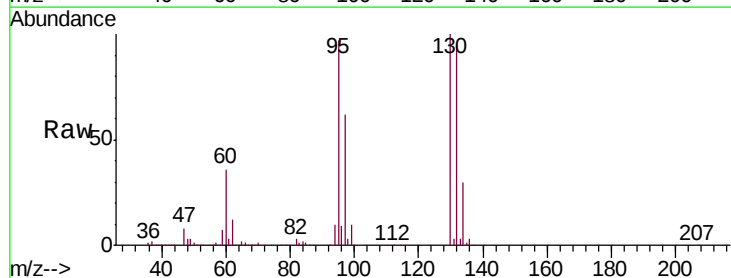
Tgt Ion: 96 Resp: 30613
Ion Ratio Lower Upper
96 100
61 109.6 79.9 148.3
68 0.0 0.0 0.0

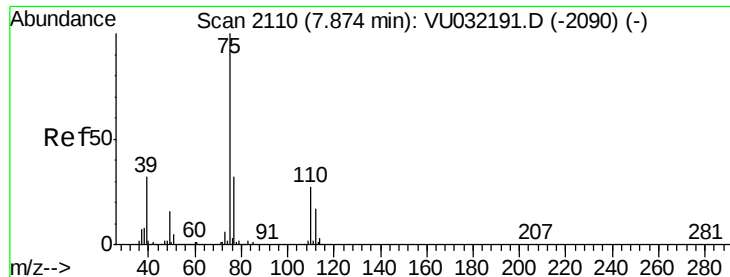


#34

Trichloroethene
Concen: 136.421 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VU032195.D
Acq: 21 May 2019 13:23

Tgt Ion: 95 Resp: 1013724
Ion Ratio Lower Upper
95 100
97 64.4 44.5 82.7
132 98.6 69.4 129.0
130 103.6 73.8 137.0





#44

trans-1,3-Dichloropropene

Concen: 0.690 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032195.D

Acq: 21 May 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

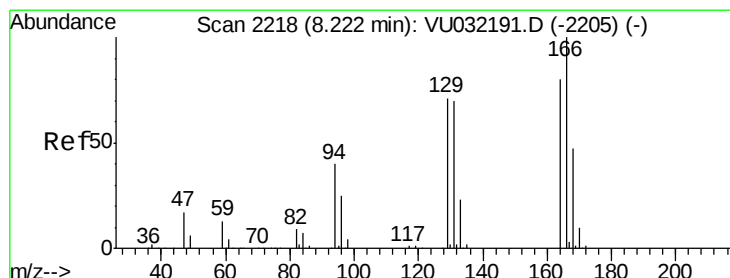
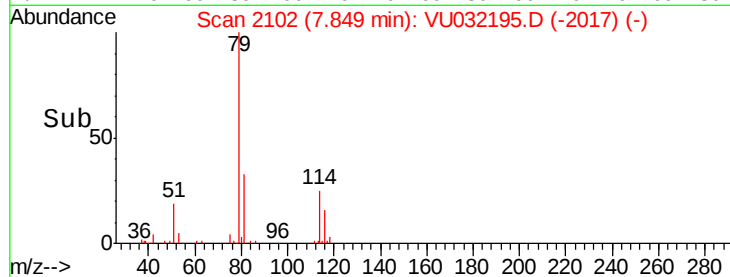
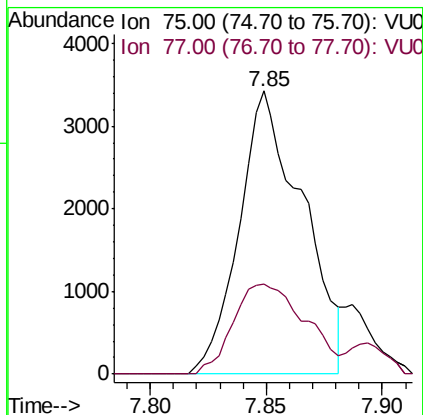
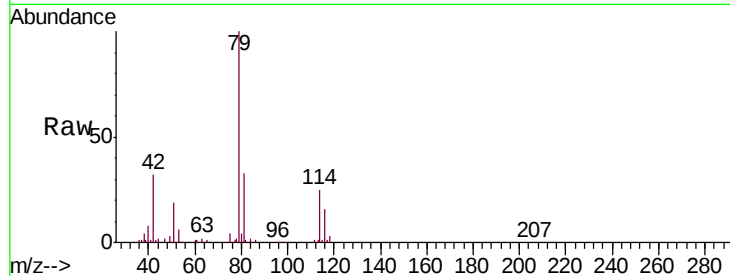
A51A6ME

Tgt Ion: 75 Resp: 6528

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



#46

Tetrachloroethene

Concen: 8.888 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032195.D

Acq: 21 May 2019 13:23

Tgt Ion: 164 Resp: 54540

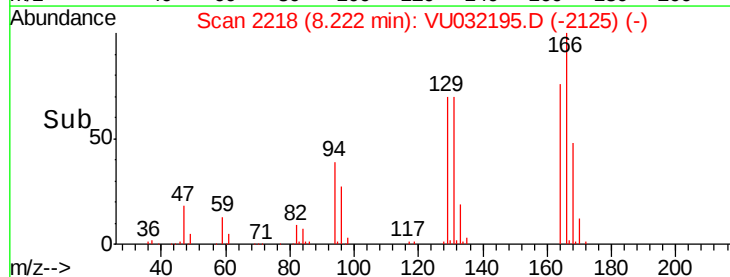
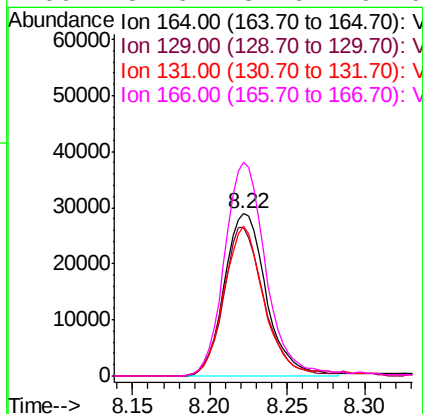
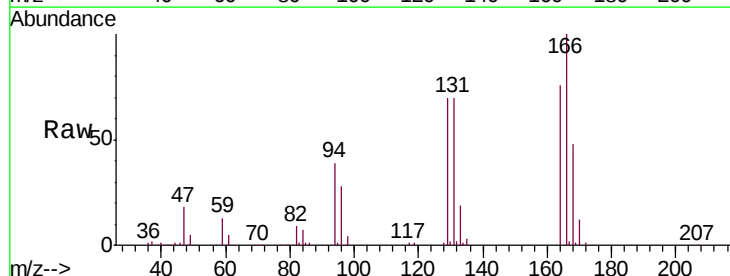
Ion Ratio Lower Upper

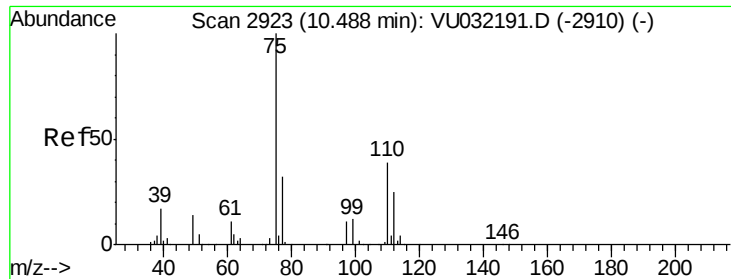
164 100

129 91.7 60.8 113.0

131 92.0 59.7 110.9

166 131.6 87.6 162.6





#59

1,2,3-Trichloropropane

Concen: 5.442 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032195.D

Acq: 21 May 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

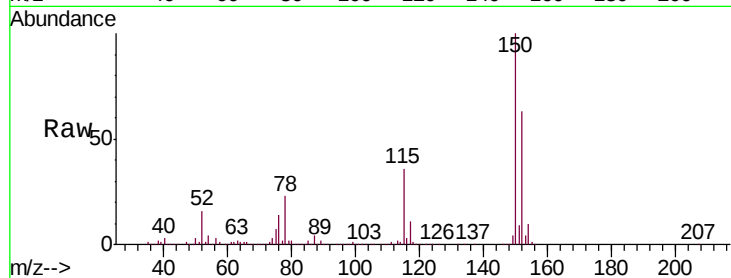
A51A6ME

Tgt Ion: 75 Resp: 51072

Ion Ratio Lower Upper

75 100

77 35.1 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

