

Data File : VU032029.D
Acq On : 15 May 2019 14:10
Operator : JC/SP
Sample : K2738-08DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB891DL

Quant Time: May 16 04:29:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1051441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1054151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	415296	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372399	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.67	69	312204	41.79	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.58%
11) 1,1-Dichloroethene-d2	2.27	63	521451	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	4.17	46	628005	97.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.64	84	666992	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
26) 1,2-Dichloroethane-d4	5.30	65	429920	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
32) Benzene-d6	5.33	84	1430493	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.32	67	468124	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.98%
41) Toluene-d8	7.56	98	1215430	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%
43) trans-1,3-Dichloropropene-	7.85	79	194970	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.78%
47) 2-Hexanone-d5	8.31	63	399651	97.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	663506	44.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	428561	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

Target Compounds

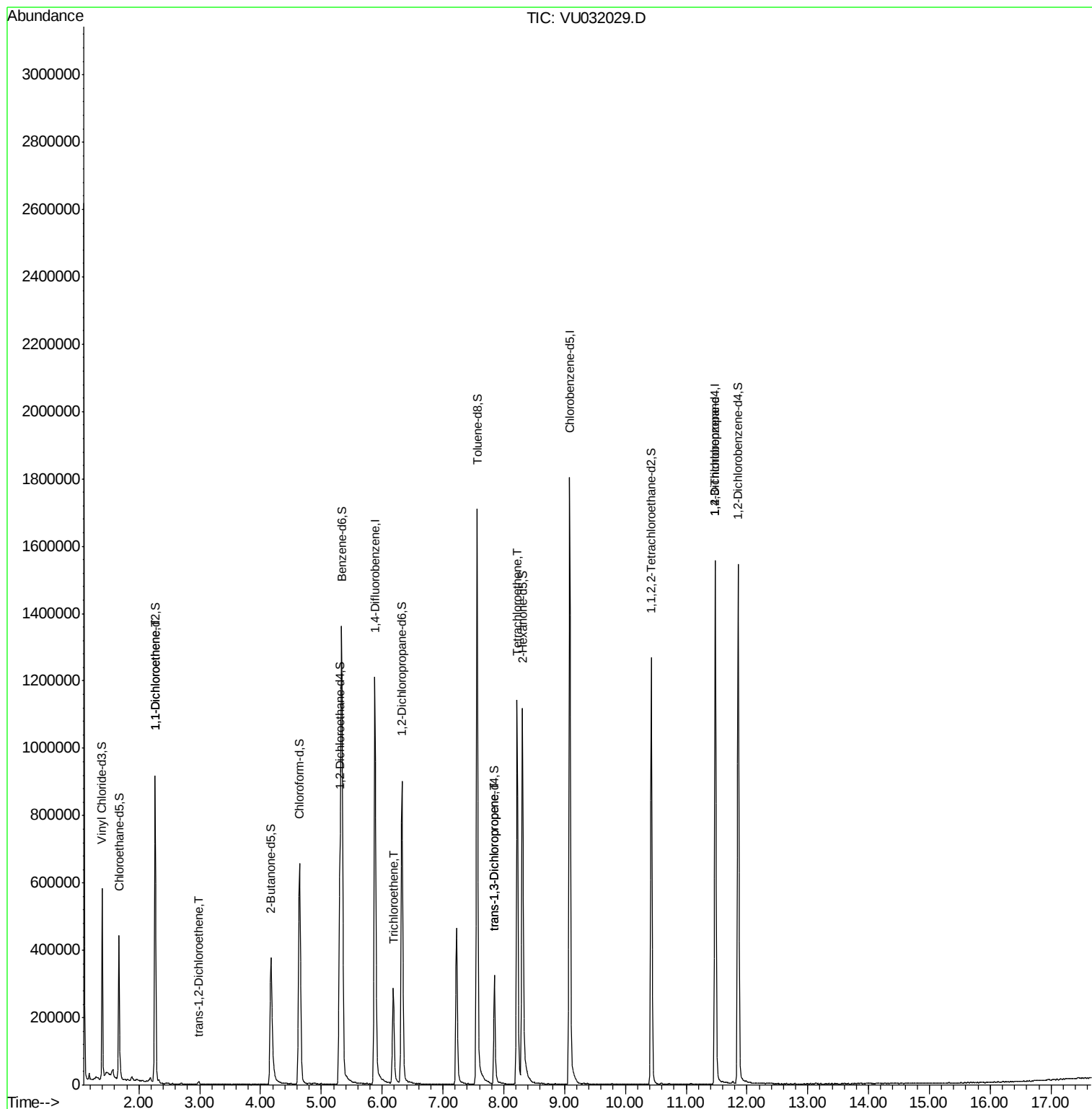
					Qvalue
12) 1,1-Dichloroethene	2.27	96	4481	0.577 ug/L #	1
17) trans-1,2-Dichloroethene	2.99	96	3716	0.460 ug/L #	65
34) Trichloroethene	6.18	95	105817	12.374 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	7392	0.639 ug/L	84
46) Tetrachloroethene	8.22	164	263595	43.660 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	52886	4.372 ug/L	95

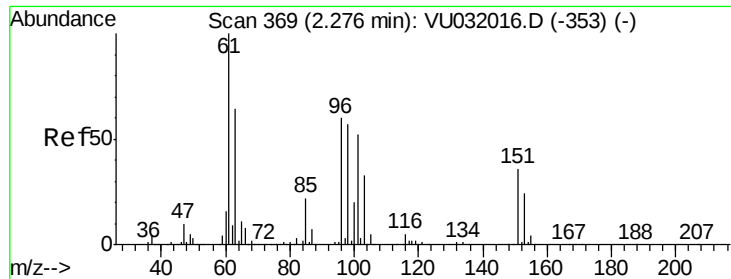
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.577 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 15 May 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

DB891DL

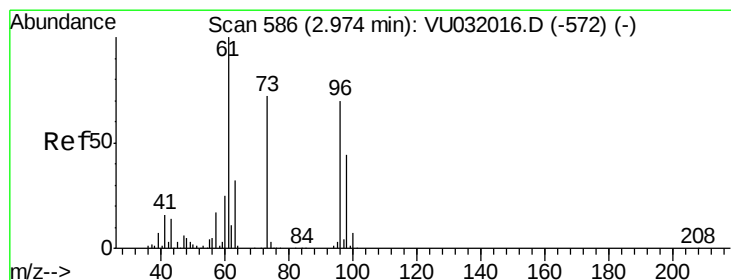
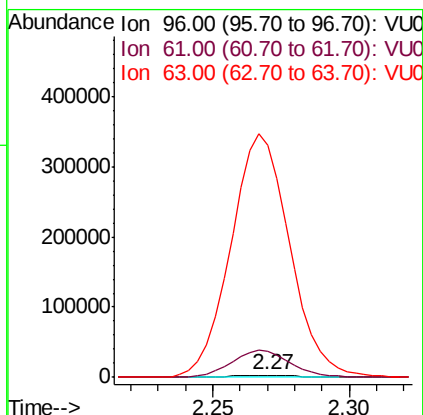
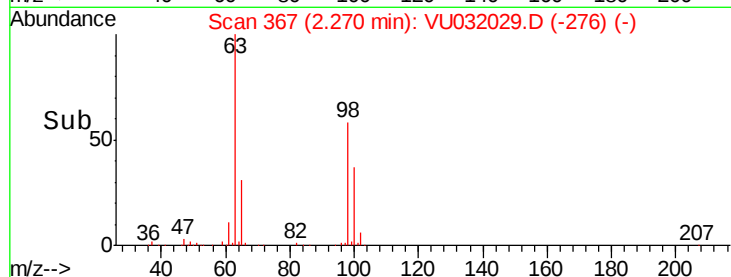
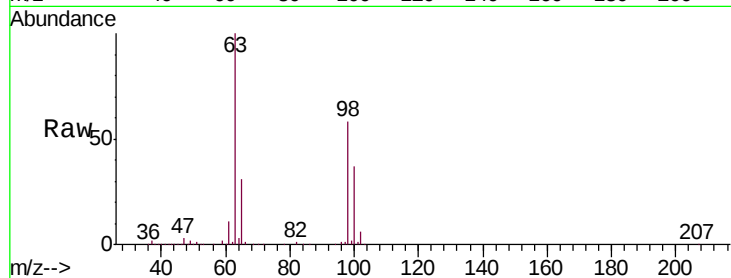
Tgt Ion: 96 Resp: 4481

Ion Ratio Lower Upper

96 100

61 1344.4 120.9 224.5#

63 12207.2 84.4 156.8#



#17

trans-1,2-Dichloroethene

Concen: 0.460 ug/L

RT: 2.99 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU032029.D

Acq: 15 May 2019 14:10

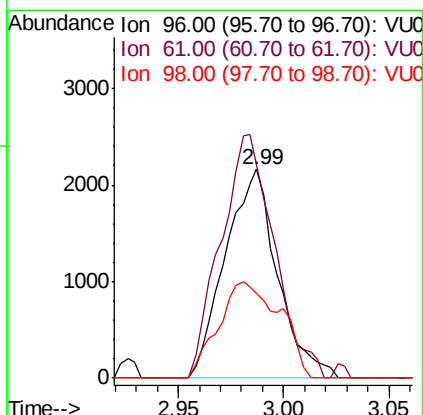
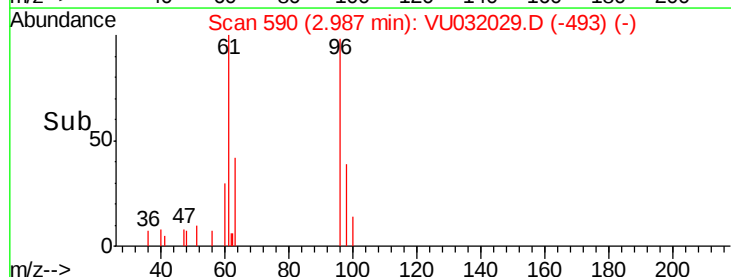
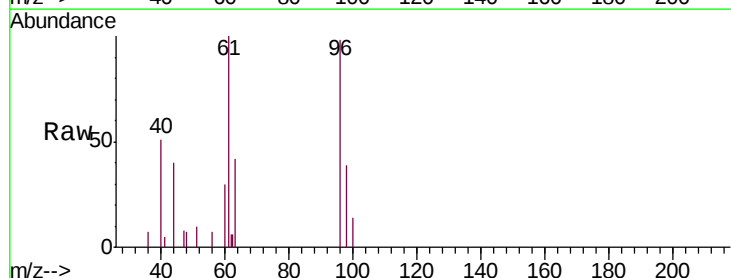
Tgt Ion: 96 Resp: 3716

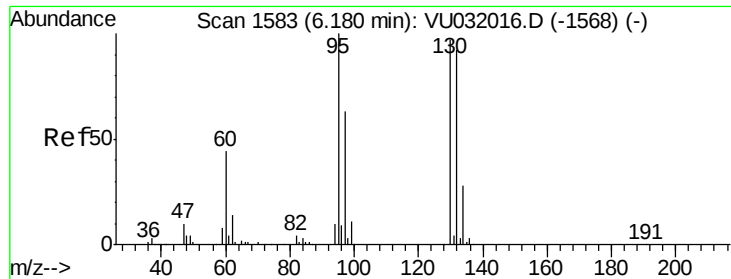
Ion Ratio Lower Upper

96 100

61 102.4 103.2 191.6#

98 40.3 45.7 84.9#

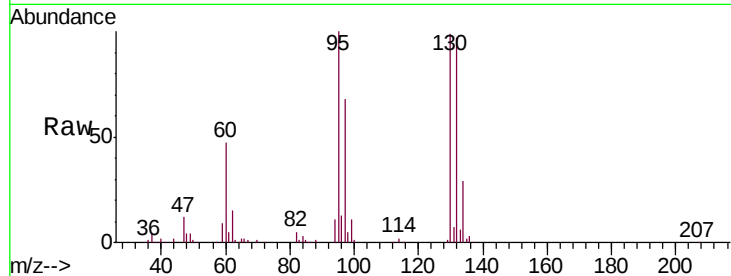




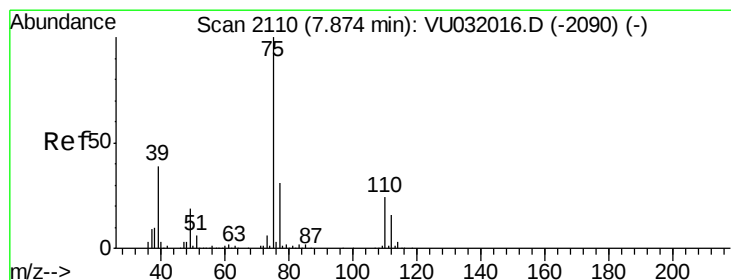
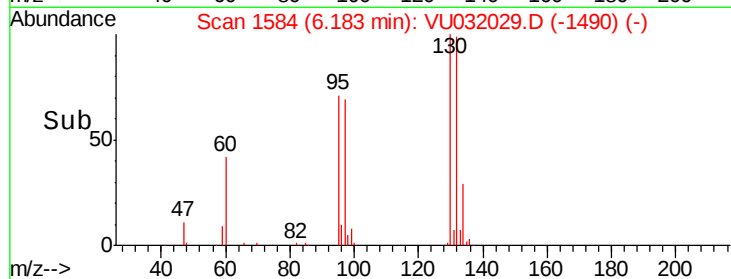
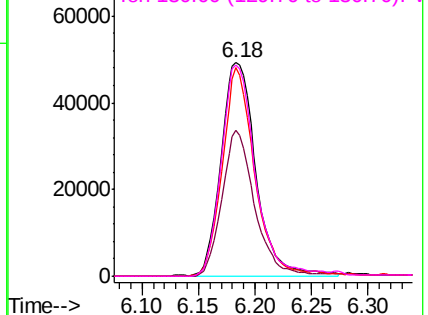
#34
 Trichloroethene
 Concen: 12.374 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032029.D
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Tgt Ion:	95	Resp:	105817
Ion	Ratio	Lower	Upper
95	100		
97	68.1	44.9	83.3
132	97.5	63.5	117.9
130	98.9	66.2	123.0

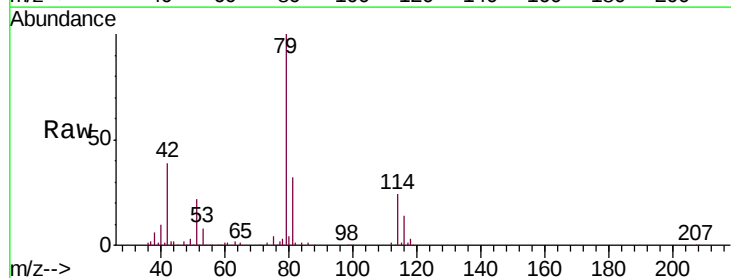


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

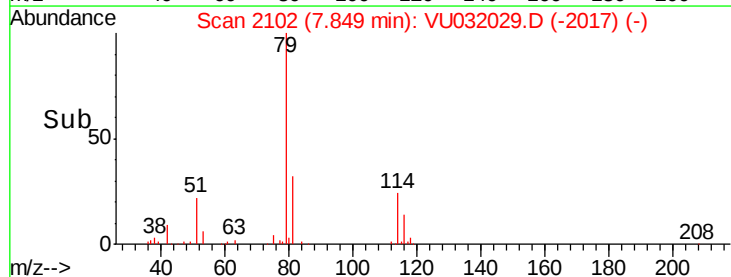
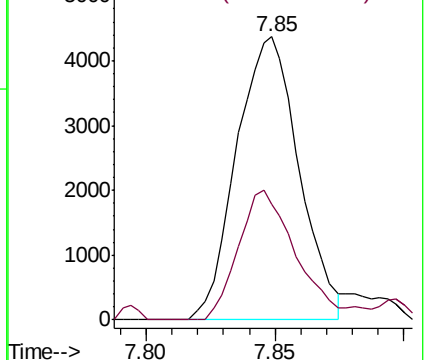


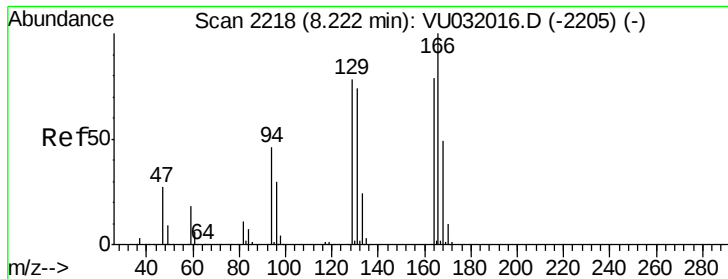
#44
 trans-1,3-Dichloropropene
 Concen: 0.639 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU032029.D
 Acq: 15 May 2019 14:10

Tgt Ion:	75	Resp:	7392
Ion	Ratio	Lower	Upper
75	100		
77	41.0	22.5	41.7



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 43.660 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032029.D

Acq: 15 May 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

DB891DL

Tgt Ion:164 Resp: 263595

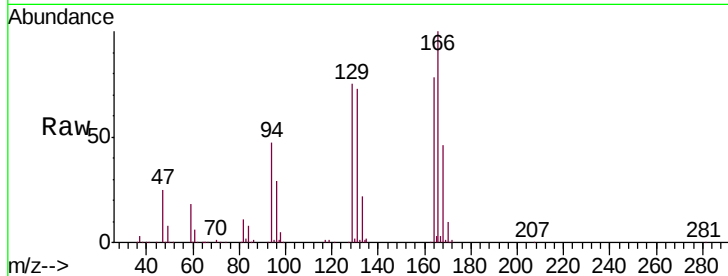
Ion Ratio Lower Upper

164 100

129 96.7 70.9 131.7

131 93.7 67.4 125.2

166 129.0 90.2 167.4

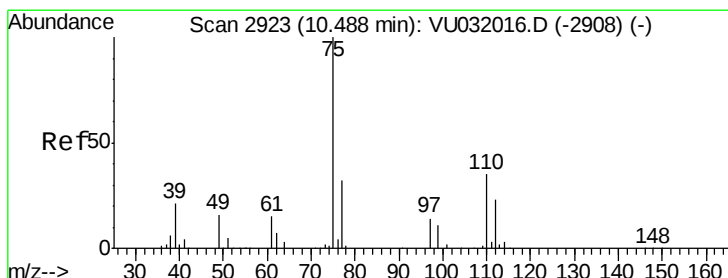
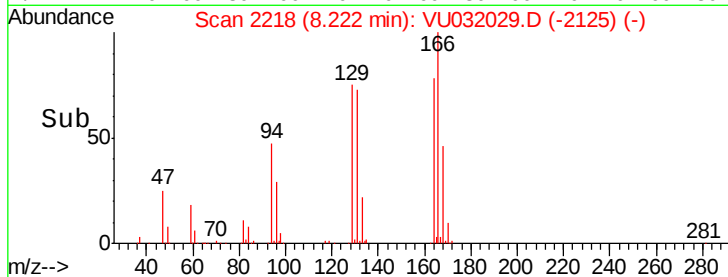
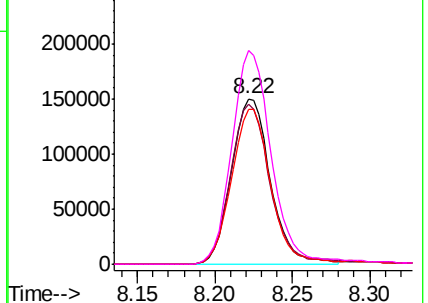


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.372 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032029.D

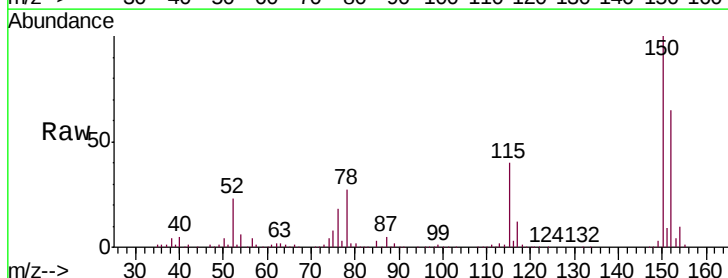
Acq: 15 May 2019 14:10

Tgt Ion: 75 Resp: 52886

Ion Ratio Lower Upper

75 100

77 34.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

