

Data File : VU032212.D
Acq On : 21 May 2019 20:29
Operator : JC/SP
Sample : K2788-14MEDL 10X
Misc : 5.30g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51A4MEDL

Quant Time: May 22 02:14:13 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	796245	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	807719	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	349734	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	232235	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.44%
7) Chloroethane-d5	1.66	69	199856	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.26	63	339872	34.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.72%
21) 2-Butanone-d5	4.17	46	289079	90.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.21%
24) Chloroform-d	4.64	84	454011	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	5.30	65	282371	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
32) Benzene-d6	5.33	84	965895	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.32	67	280539	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.56%
41) Toluene-d8	7.56	98	883506	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	121282	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.08%
47) 2-Hexanone-d5	8.31	63	226983	82.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450753	45.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	359008	49.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.16%

Target Compounds

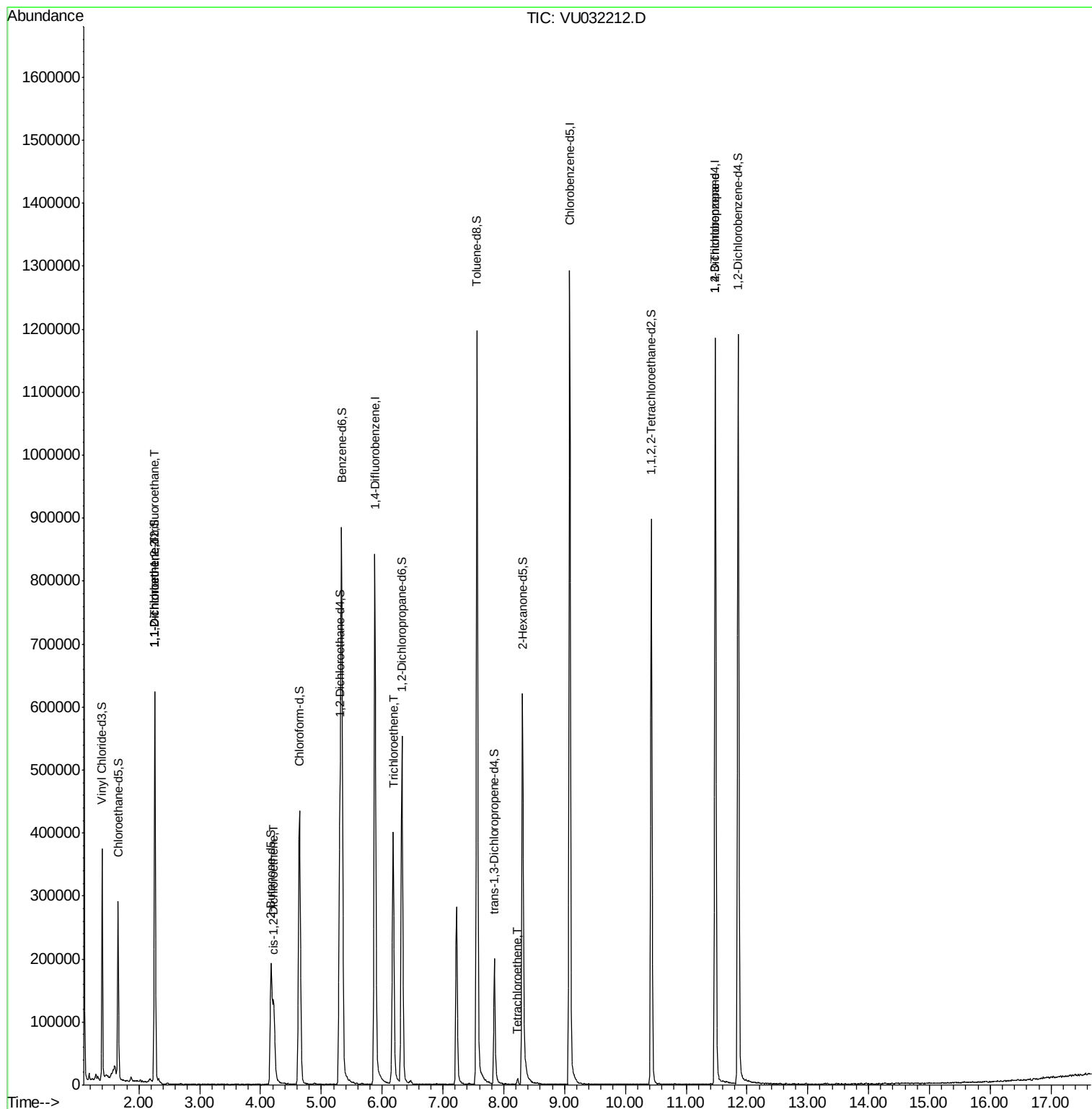
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3713	0.692	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	3226	0.605	ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	65764	10.653	ug/L	96
34) Trichloroethene	6.18	95	145643	24.151	ug/L	99
46) Tetrachloroethene	8.23	164	2257	0.453	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	35580	4.672	ug/L	94

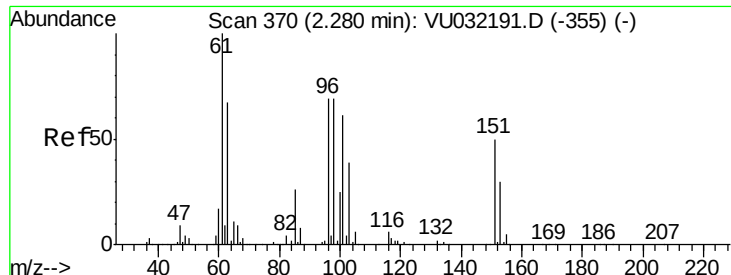
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.692 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

A51A4MEDL

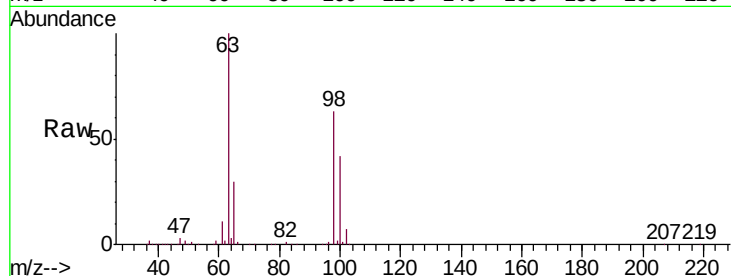
Tgt Ion: 101 Resp: 3713

Ion Ratio Lower Upper

101 100

85 2.3 32.5 48.7#

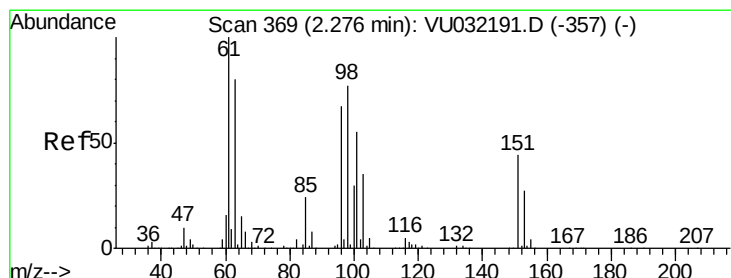
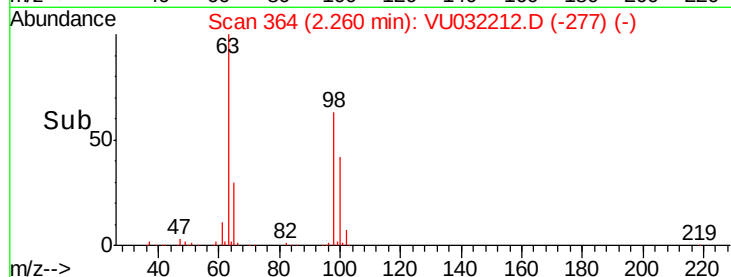
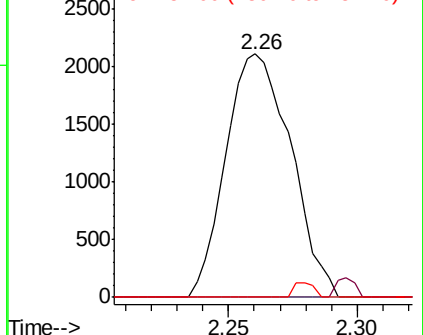
151 1.9 63.1 94.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.605 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU032212.D

Acq: 21 May 2019 20:29

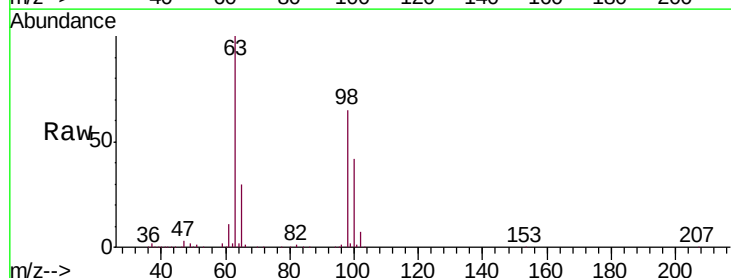
Tgt Ion: 96 Resp: 3226

Ion Ratio Lower Upper

96 100

61 1154.7 103.7 192.7#

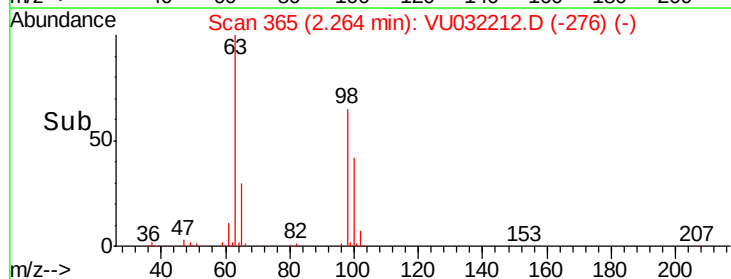
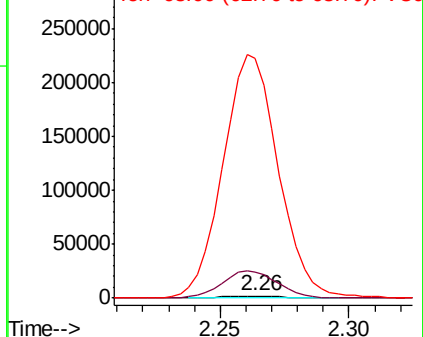
63 10569.6 83.3 154.7#

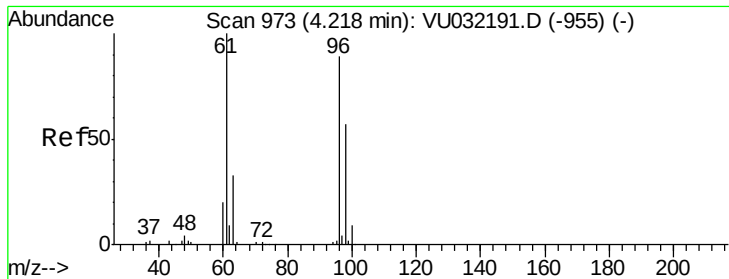


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



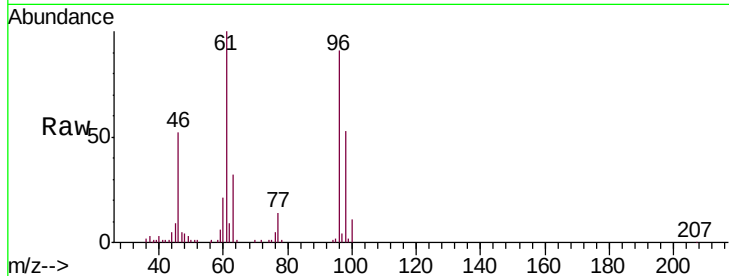


#20

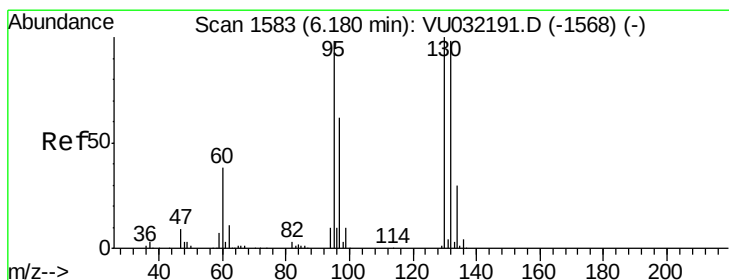
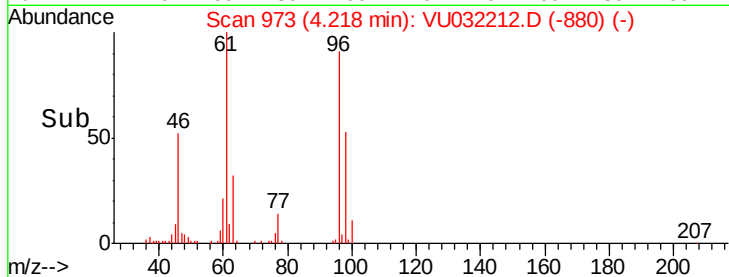
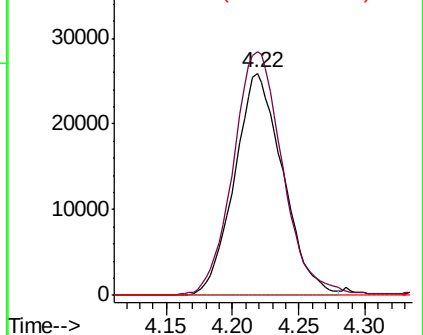
cis-1,2-Dichloroethene
 Concen: 10.653 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU032212.D
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Tgt Ion: 96 Resp: 65764
 Ion Ratio Lower Upper
 96 100
 61 109.4 79.9 148.3
 68 0.0 0.0 0.0



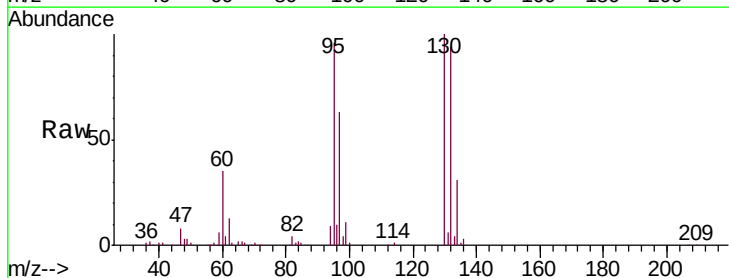
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



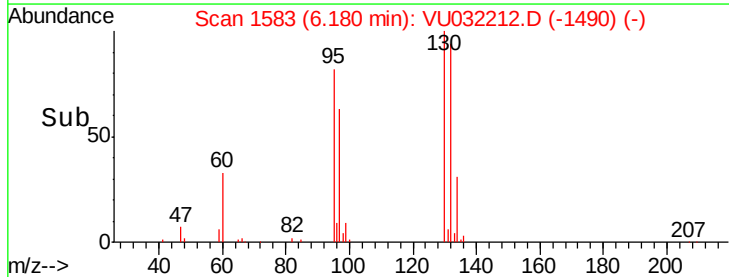
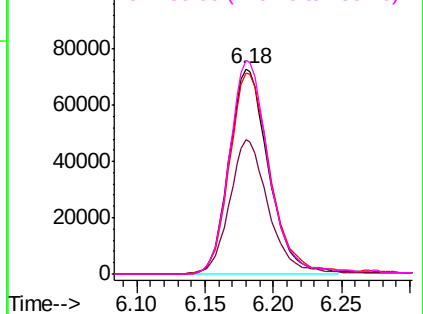
#34

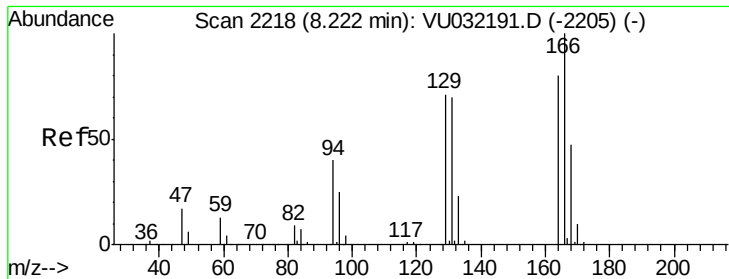
Trichloroethene
 Concen: 24.151 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU032212.D
 Acq: 21 May 2019 20:29

Tgt Ion: 95 Resp: 145643
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.5 82.7
 132 98.3 69.4 129.0
 130 104.2 73.8 137.0



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





#46

Tetrachloroethene

Concen: 0.453 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU032212.D

Acq: 21 May 2019 20:29

Instrument :

MSVOA_U

ClientSampleId :

A51A4MEDL

Tgt Ion:164 Resp: 2257

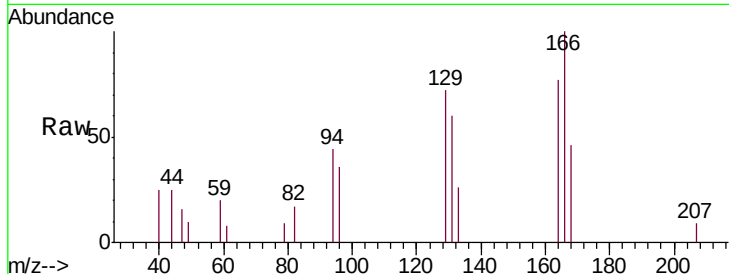
Ion Ratio Lower Upper

164 100

129 93.8 60.8 113.0

131 78.9 59.7 110.9

166 130.6 87.6 162.6

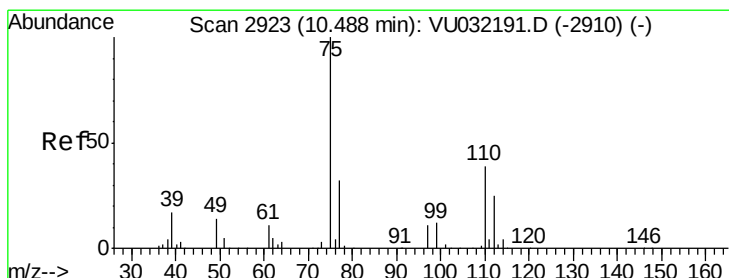
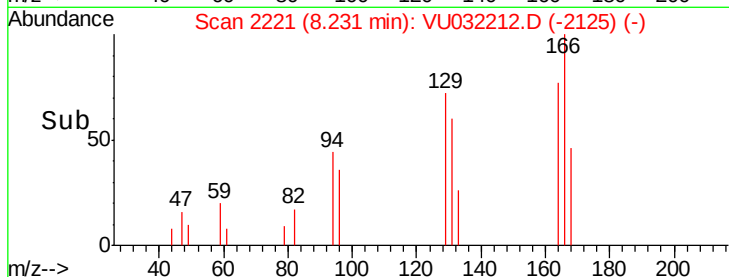
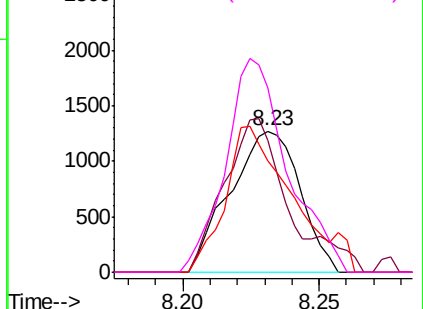


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.672 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032212.D

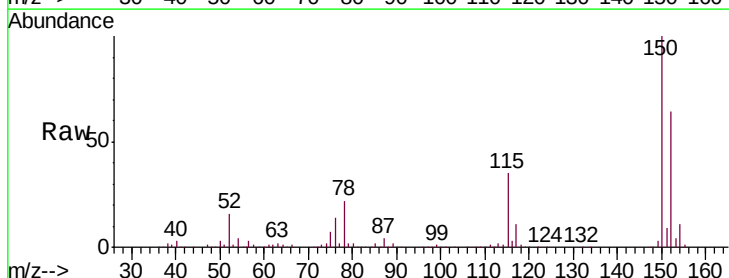
Acq: 21 May 2019 20:29

Tgt Ion: 75 Resp: 35580

Ion Ratio Lower Upper

75 100

77 35.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

