

Data File : VU031847.D
Acq On : 09 May 2019 02:24
Operator : JC/SP
Sample : K2743-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D09

Quant Time: May 09 07:02:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 06:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	418624	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	436444	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	162830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135652	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.68	69	116416	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.27	63	204185	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.20	46	532435	47.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.60%
24) Chloroform-d	4.64	84	281421	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.31	65	161747	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.33	84	534354	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.33	67	192577	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.56	98	399959	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.85	79	55268	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.31	63	348167	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151887	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	144353	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

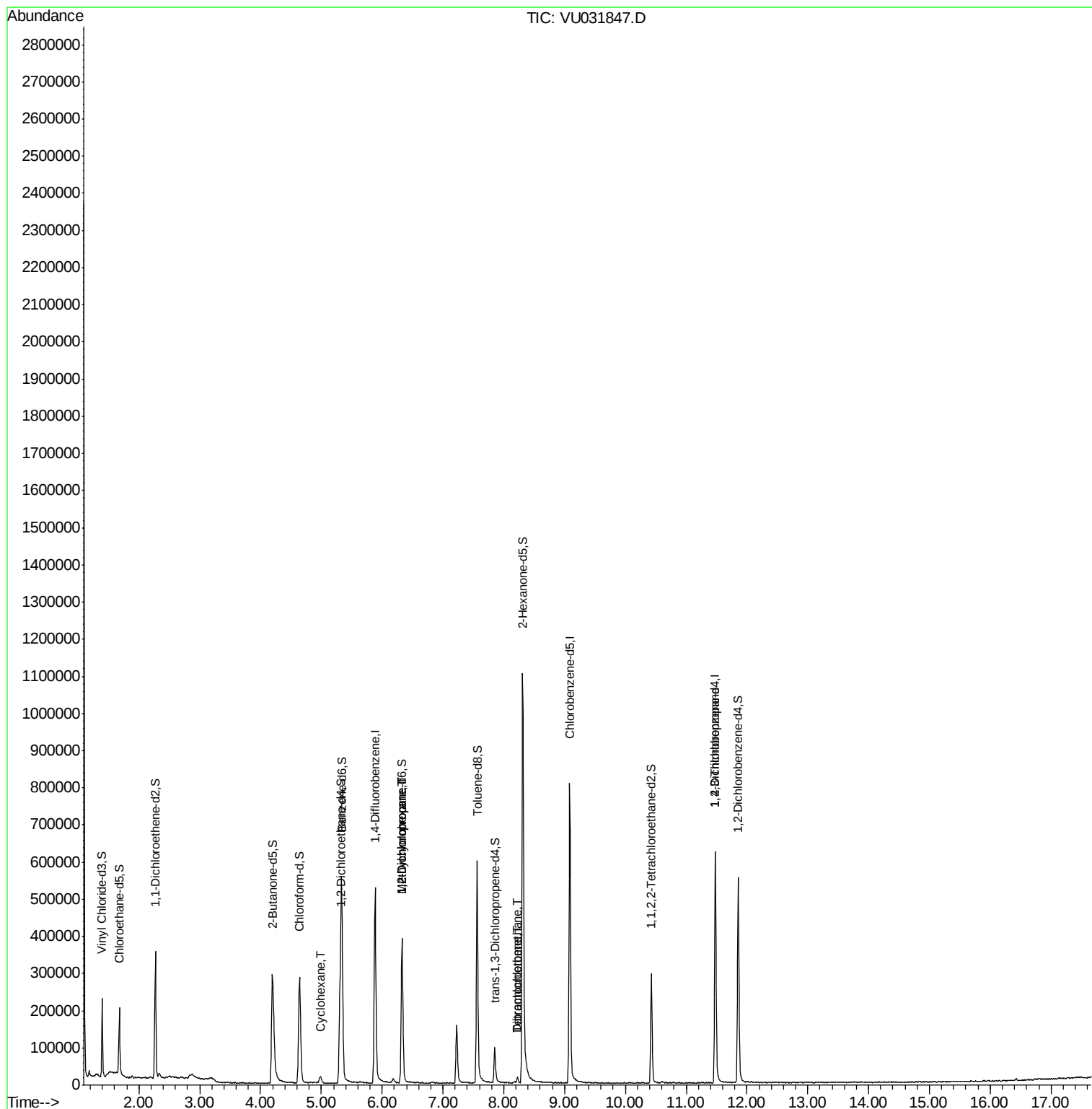
					Qvalue	
30) Cyclohexane	4.98	56	8191	0.125	ug/L #	81
35) Methylcyclohexane	6.32	83	41303	0.749	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20864	0.479	ug/L #	92
47) Tetrachloroethene	8.22	164	3439	0.138	ug/L	96
49) Dibromochloromethane	8.22	129	3569	0.119	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	21534	0.835	ug/L #	80

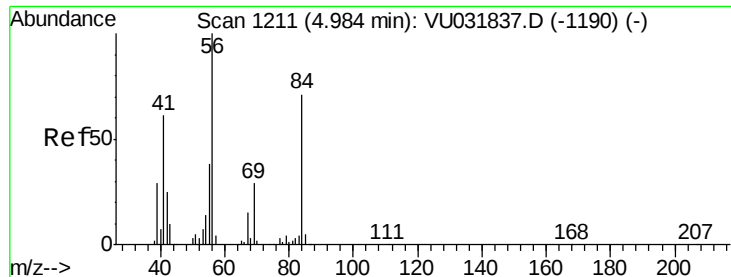
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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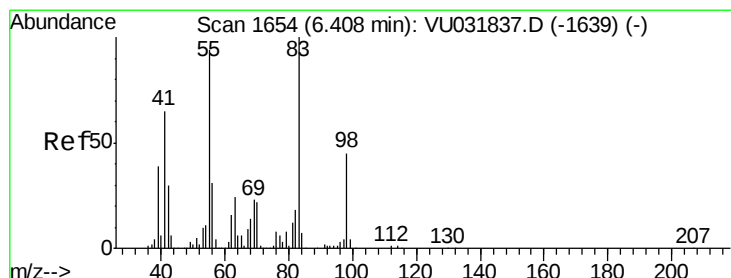
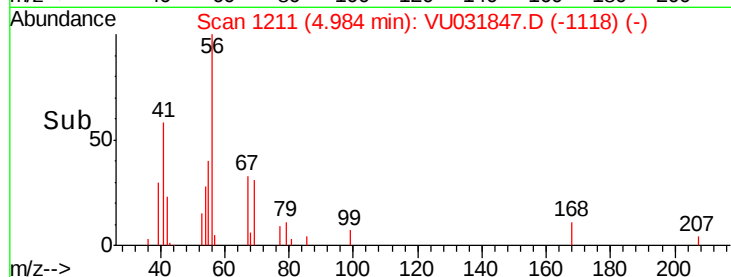
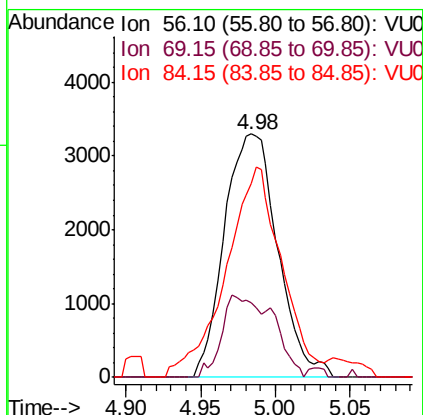
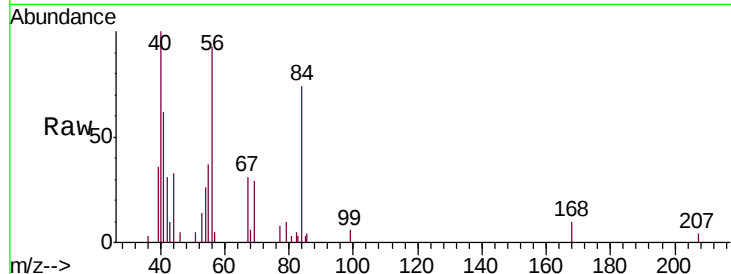




#30
Cyclohexane
Concen: 0.125 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU031847.D
Acq: 09 May 2019 02:24

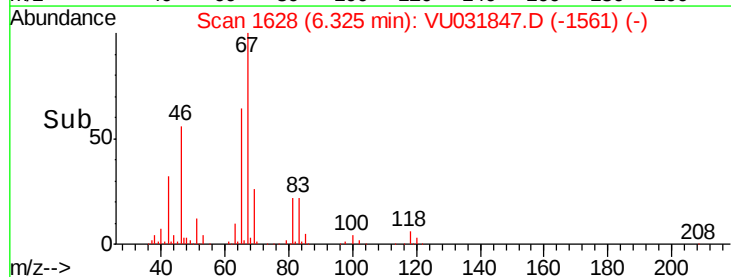
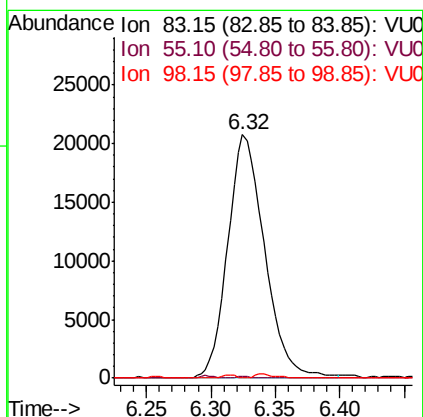
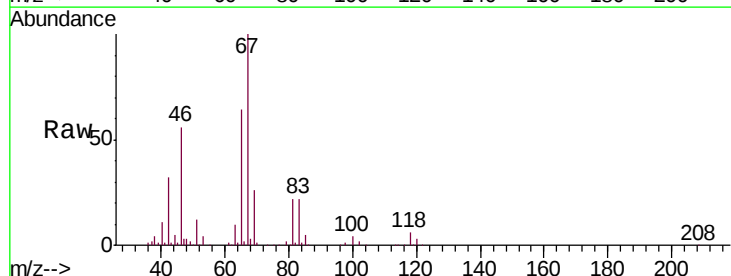
Instrument :
MSVOA_U
ClientSampleId :
F9D09

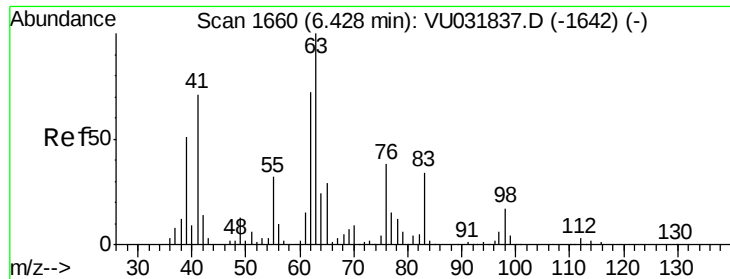
Tgt Ion: 56 Resp: 8191
Ion Ratio Lower Upper
56 100
69 22.5 21.8 32.8
84 90.0 56.8 85.2#



#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031847.D
Acq: 09 May 2019 02:24

Tgt Ion: 83 Resp: 41303
Ion Ratio Lower Upper
83 100
55 0.2 79.2 118.8#
98 0.4 34.0 51.0#





#37

1,2-Dichloropropane

Concen: 0.479 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031847.D

Acq: 09 May 2019 02:24

Instrument :

MSVOA_U

ClientSampled :

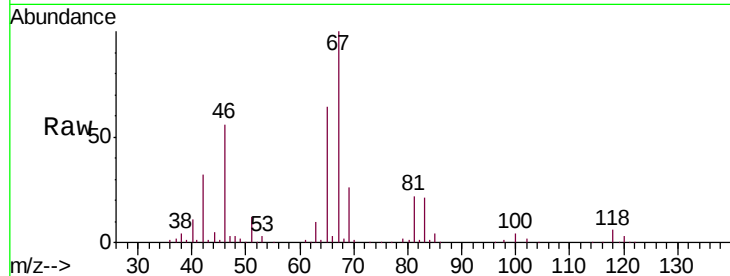
F9D09

Tgt Ion: 63 Resp: 20864

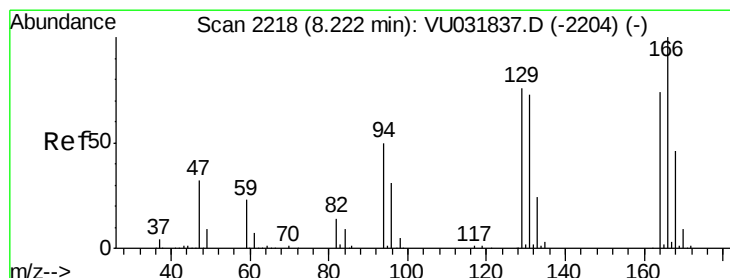
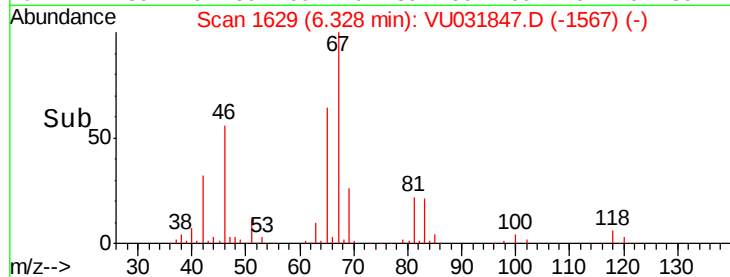
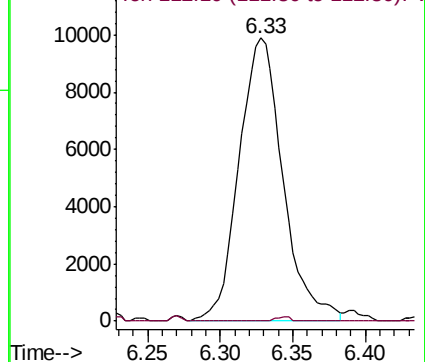
Ion Ratio Lower Upper

63 100

112 0.5 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU031837.D (-1642) (-)



#47

Tetrachloroethene

Concen: 0.138 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031847.D

Acq: 09 May 2019 02:24

Tgt Ion: 164 Resp: 3439

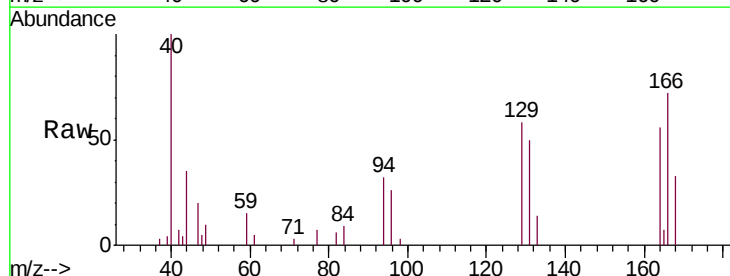
Ion Ratio Lower Upper

164 100

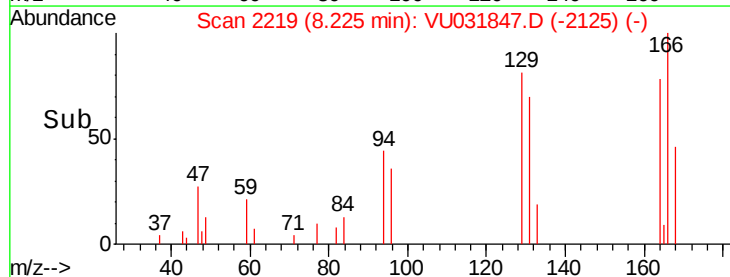
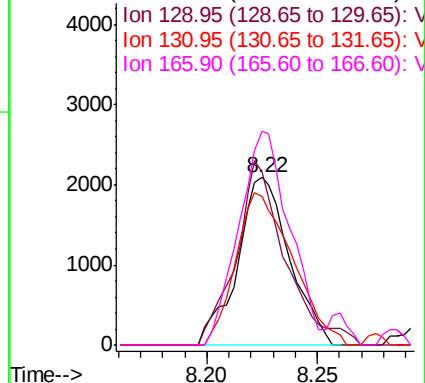
129 102.9 70.3 130.5

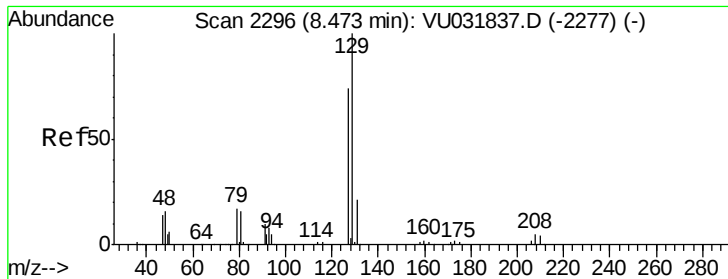
131 88.8 65.4 121.4

166 127.6 86.0 159.8



Abundance Ion 163.90 (163.60 to 164.60): VU031837.D (-2204) (-)





#49

Dibromochloromethane

Concen: 0.119 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031847.D

Acq: 09 May 2019 02:24

Instrument :

MSVOA_U

ClientSampleID :

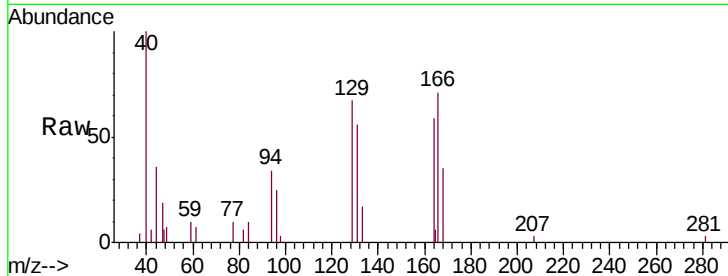
F9D09

Tgt Ion:129 Resp: 3569

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

2500

2000

1500

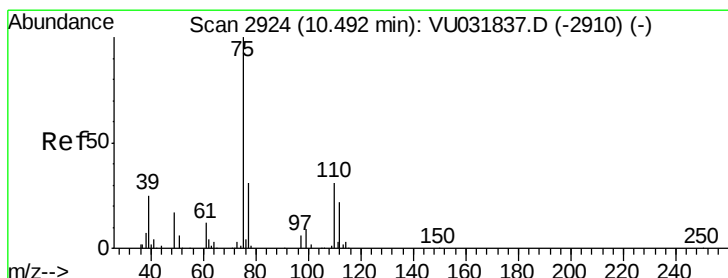
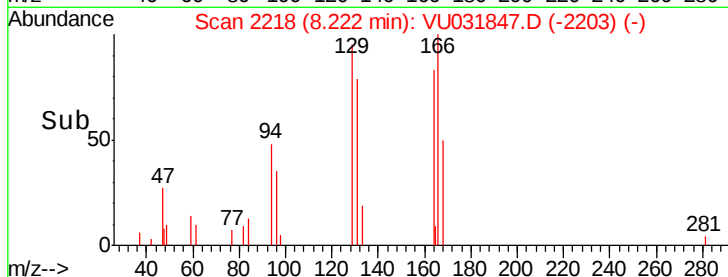
1000

500

0

8.20 8.25 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.835 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031847.D

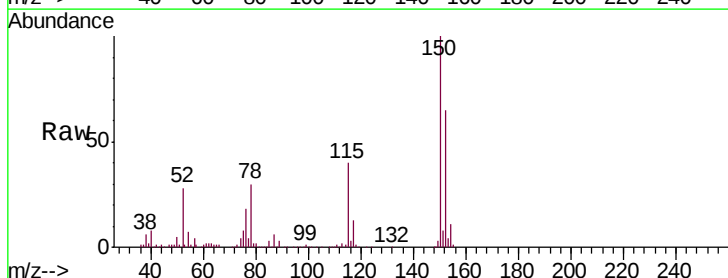
Acq: 09 May 2019 02:24

Tgt Ion: 75 Resp: 21534

Ion Ratio Lower Upper

75 100

77 43.9 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

15000

11000

10000

5000

0

11.40 11.45 11.50 11.55

Time-->

