

Data File : VU031850.D
Acq On : 09 May 2019 03:39
Operator : JC/SP
Sample : K2743-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D23

Quant Time: May 09 07:03:15 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	420179	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424922	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157339	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	129006	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.68	69	113875	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.27	63	197797	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.21	46	520076	46.52	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.04%
24) Chloroform-d	4.64	84	270073	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	152640	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.33	84	511321	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	183653	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.56	98	388047	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.85	79	51645	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.31	63	331713	46.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	149368	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	134470	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

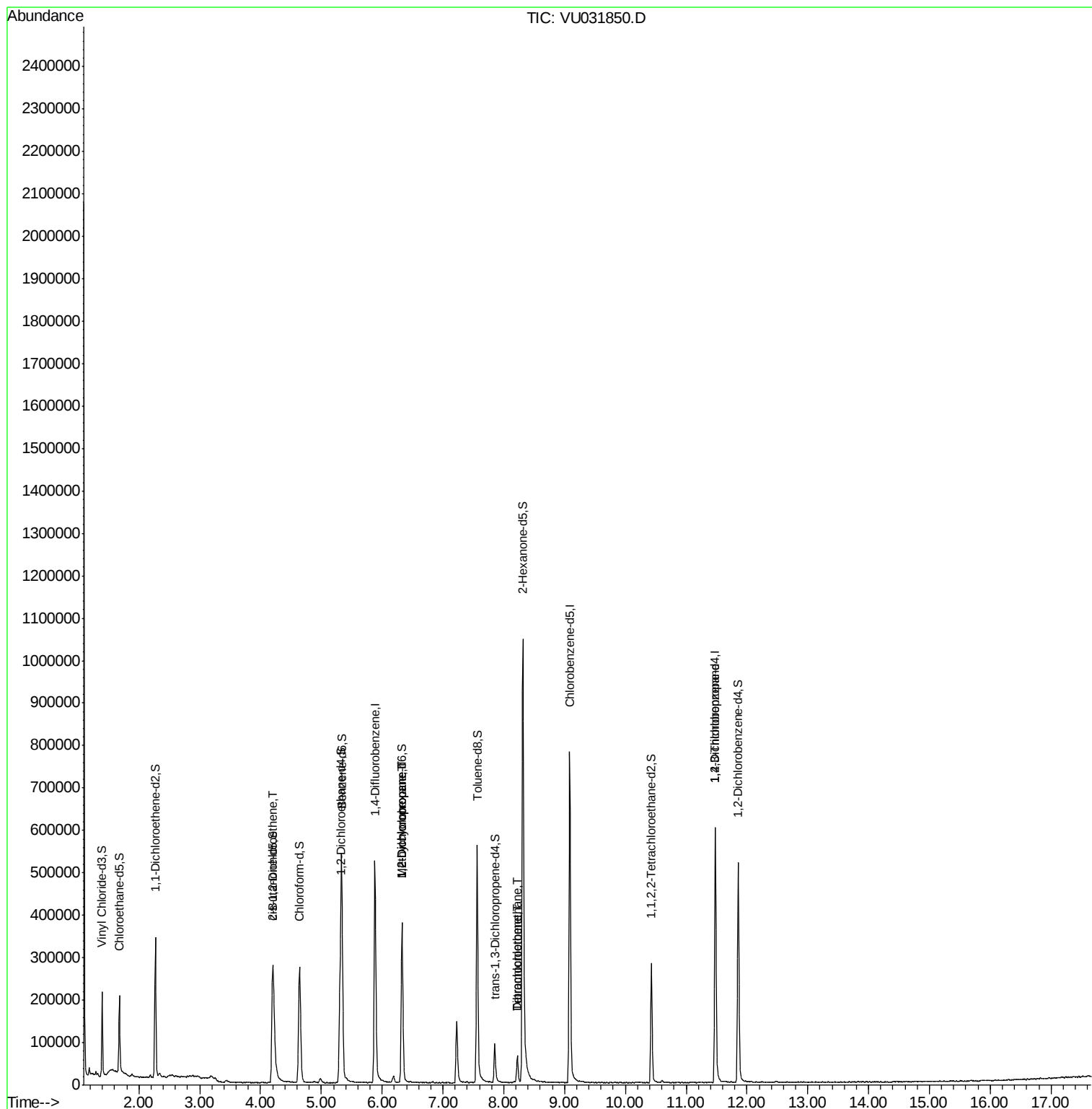
					Qvalue
22) cis-1,2-Dichloroethene	4.22	96	4947	0.134 ug/L	93
35) Methylcyclohexane	6.33	83	39208	0.731 ug/L #	11
37) 1,2-Dichloropropane	6.32	63	19451	0.459 ug/L #	92
47) Tetrachloroethene	8.22	164	13874	0.571 ug/L	96
49) Dibromochloromethane	8.22	129	14149	0.484 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	22188	0.884 ug/L	97

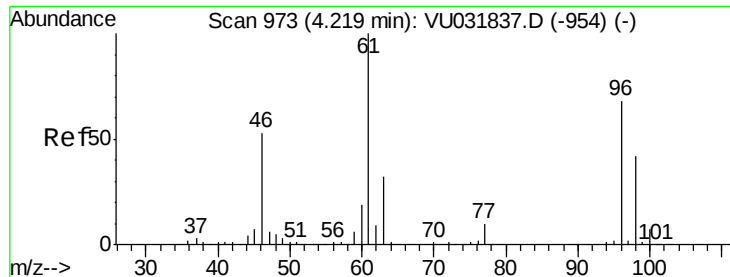
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.134 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU031850.D

Acq: 09 May 2019 03:39

Instrument :

MSVOA_U

ClientSampleId :

F9D23

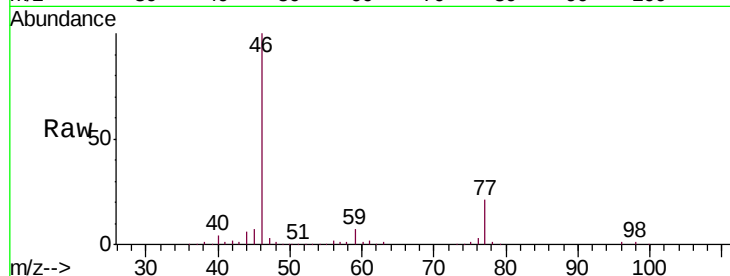
Tgt Ion: 96 Resp: 4947

Ion Ratio Lower Upper

96 100

61 152.9 113.3 210.5

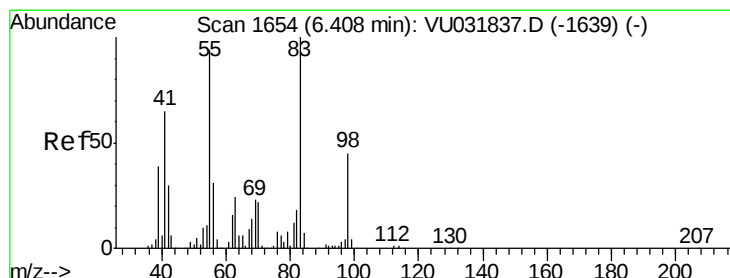
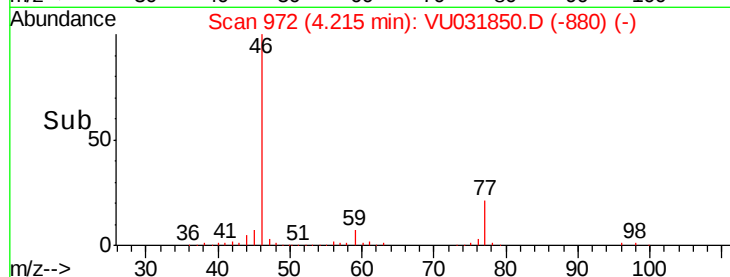
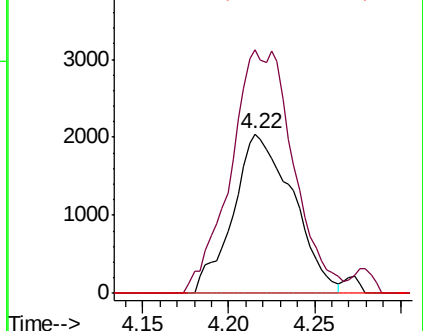
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031837.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU031837.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU031837.D (-954) (-)



#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031850.D

Acq: 09 May 2019 03:39

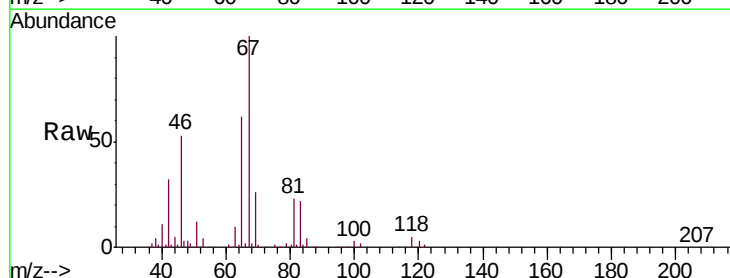
Tgt Ion: 83 Resp: 39208

Ion Ratio Lower Upper

83 100

55 0.6 79.2 118.8#

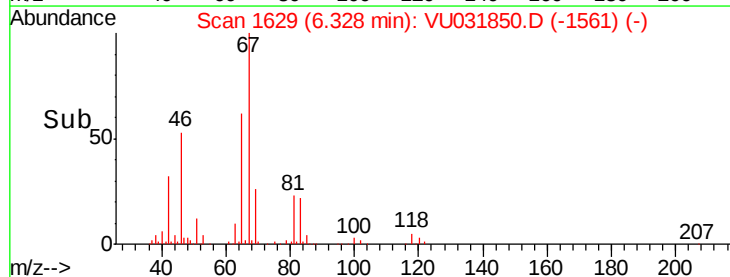
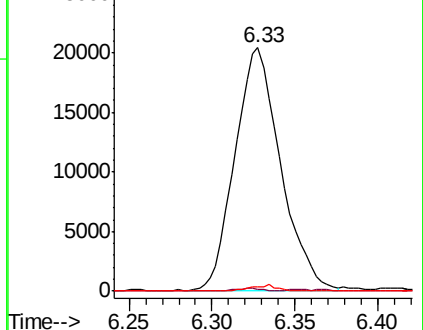
98 1.4 34.0 51.0#

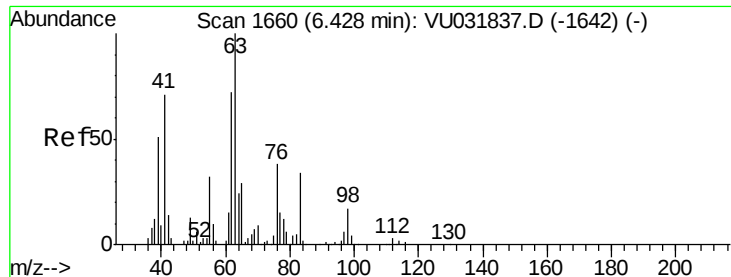


Abundance Ion 83.15 (82.85 to 83.85): VU031837.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU031837.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU031837.D (-1639) (-)





#37

1,2-Dichloropropane

Concen: 0.459 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU031850.D

Acq: 09 May 2019 03:39

Instrument :

MSVOA_U

ClientSampled :

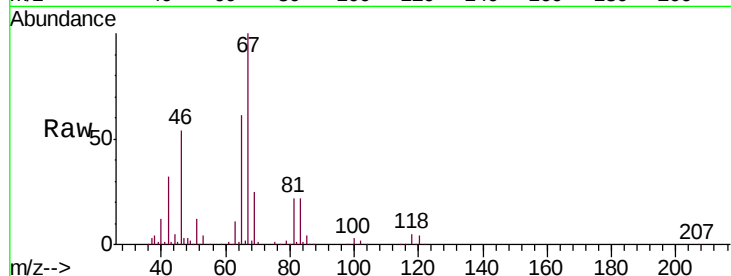
F9D23

Tgt Ion: 63 Resp: 19451

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) (-)

Ion 112.10 (111.80 to 112.80): VU031837.D (-1642) (-)

6.32

10000

8000

6000

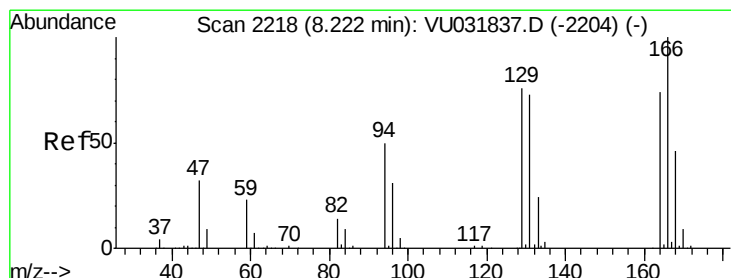
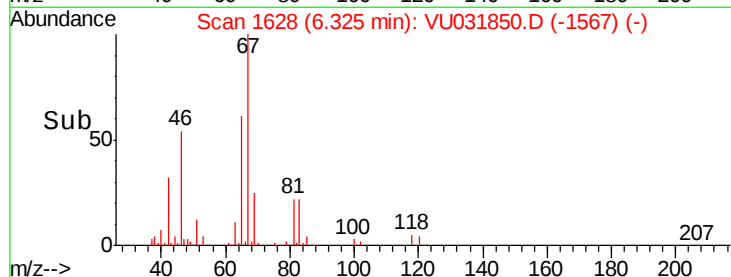
4000

2000

0

6.25 6.30 6.35 6.40

Time-->



#47

Tetrachloroethene

Concen: 0.571 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031850.D

Acq: 09 May 2019 03:39

Tgt Ion: 164 Resp: 13874

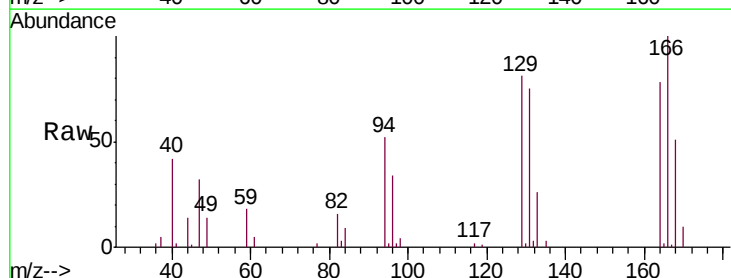
Ion Ratio Lower Upper

164 100

129 104.3 70.3 130.5

131 96.2 65.4 121.4

166 128.9 86.0 159.8



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

Ion 128.95 (128.65 to 129.65): VU031837.D (-2204) (-)

Ion 130.95 (130.65 to 131.65): VU031837.D (-2204) (-)

Ion 165.90 (165.60 to 166.60): VU031837.D (-2204) (-)

15000

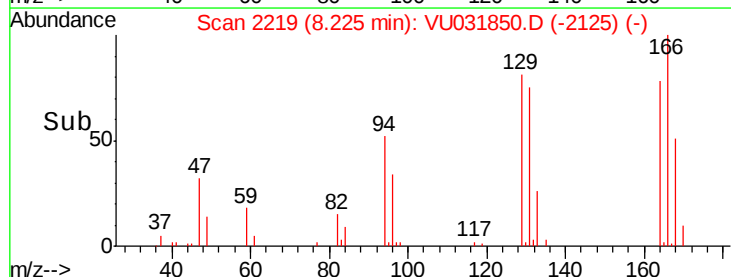
10000

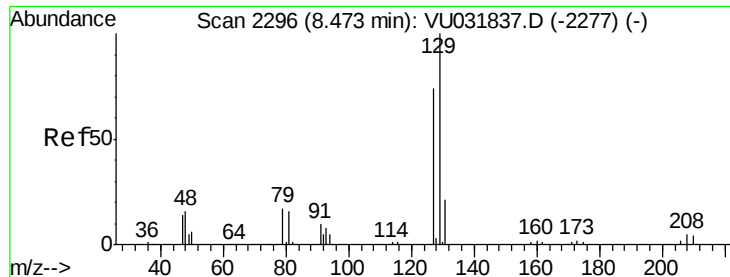
5000

0

8.15 8.20 8.25

Time-->





#49

Dibromochloromethane

Concen: 0.484 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031850.D

Acq: 09 May 2019 03:39

Instrument :

MSVOA_U

ClientSampleId :

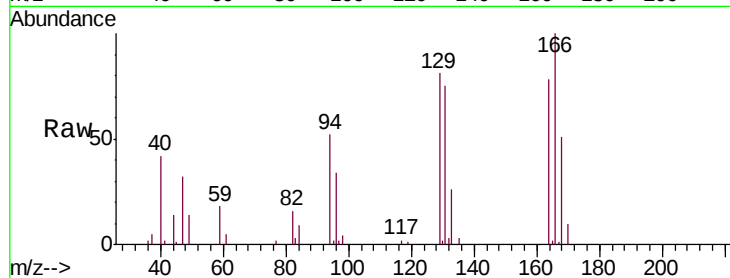
F9D23

Tgt Ion:129 Resp: 14149

Ion Ratio Lower Upper

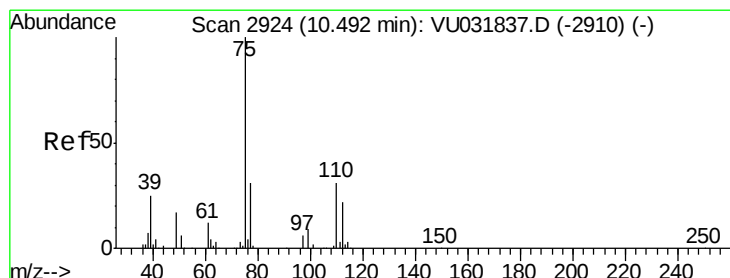
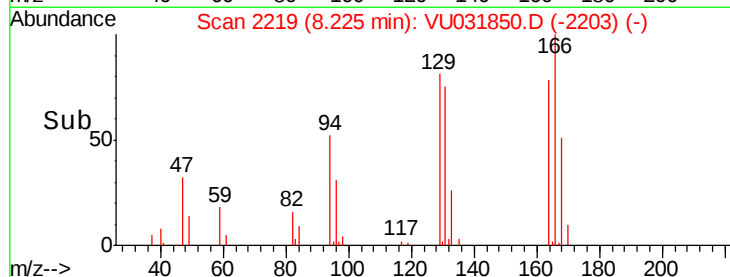
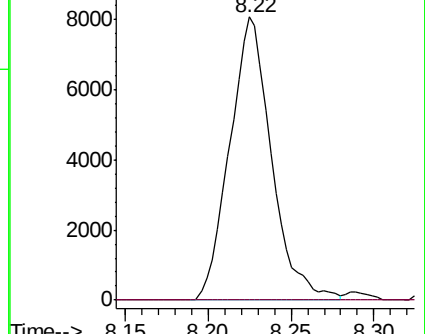
129 100

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



#59

1,2,3-Trichloropropane

Concen: 0.884 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031850.D

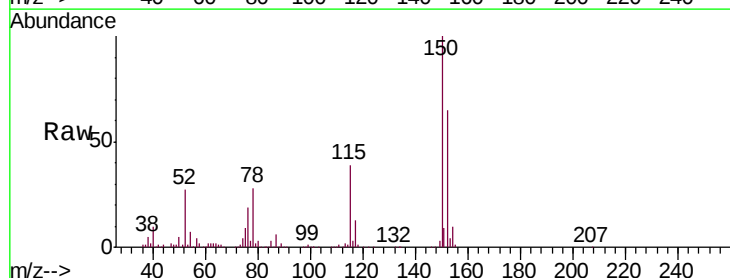
Acq: 09 May 2019 03:39

Tgt Ion: 75 Resp: 22188

Ion Ratio Lower Upper

75 100

77 34.9 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

