

Data File : VU031841.D
Acq On : 08 May 2019 23:55
Operator : JC/SP
Sample : K2743-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D01

Quant Time: May 09 07:02:03 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	410704	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	425683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134454	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	119402	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.27	63	200283	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.20	46	520696	47.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.30%
24) Chloroform-d	4.64	84	280271	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	159194	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.33	84	537684	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	185003	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	411118	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	57852	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.31	63	348467	49.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	149813	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	150681	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

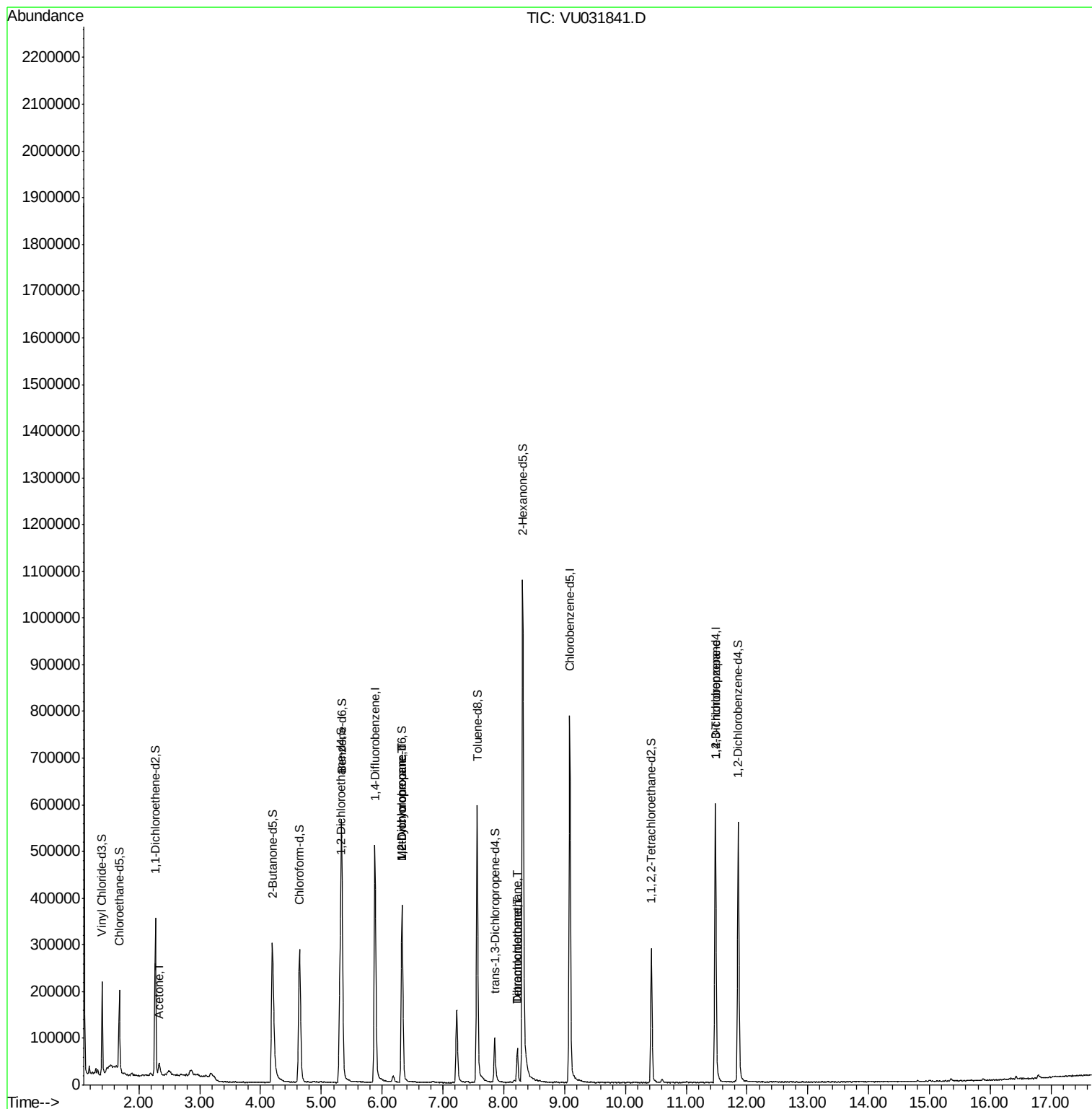
					Qvalue
13) Acetone	2.33	43	21510	2.882 ug/L	98
35) Methylcyclohexane	6.33	83	40968	0.762 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	20591	0.485 ug/L #	92
47) Tetrachloroethene	8.22	164	15868	0.652 ug/L	85
49) Dibromochloromethane	8.22	129	17058	0.583 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	21943	0.873 ug/L	97

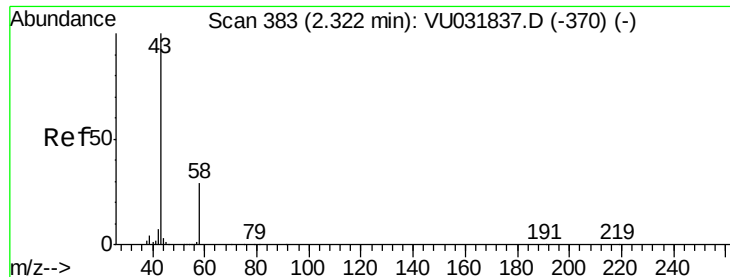
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.882 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.01 min

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Acq: 08 May 2019 23:55

Instrument :

MSVOA_U

ClientSampleId :

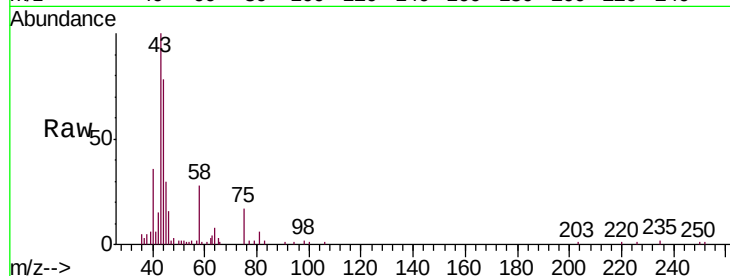
F9D01

Tgt Ion: 43 Resp: 21510

Ion Ratio Lower Upper

43 100

58 27.8 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031837.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU031837.D (-370) (-)

2.33

12000

10000

8000

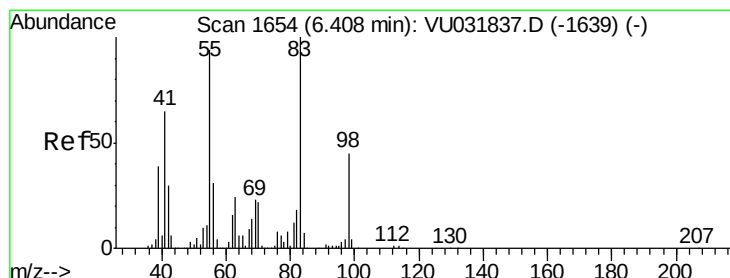
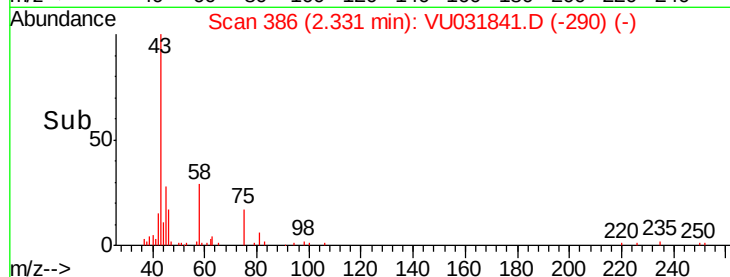
6000

4000

2000

0

Time--> 2.25 2.30 2.35



#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031841.D

Acq: 08 May 2019 23:55

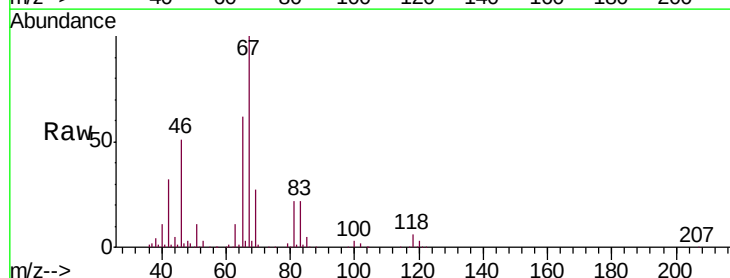
Tgt Ion: 83 Resp: 40968

Ion Ratio Lower Upper

83 100

55 0.9 79.2 118.8#

98 0.2 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) (-)

6.33

25000

20000

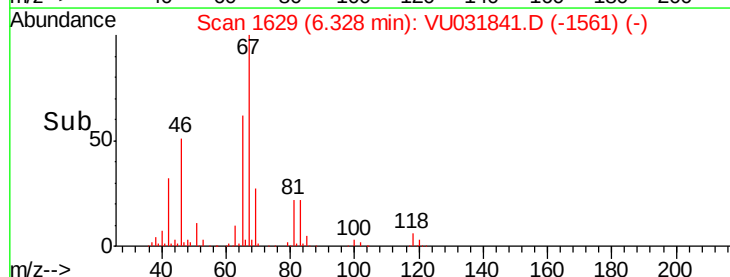
15000

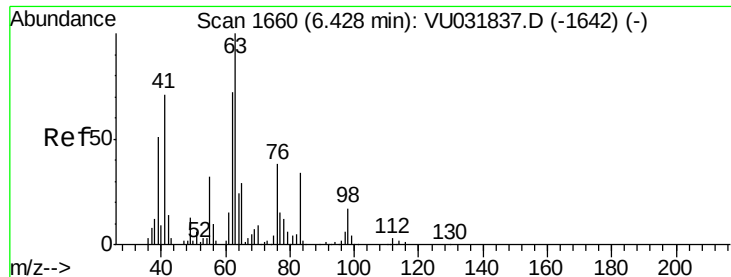
10000

5000

0

Time--> 6.25 6.30 6.35 6.40

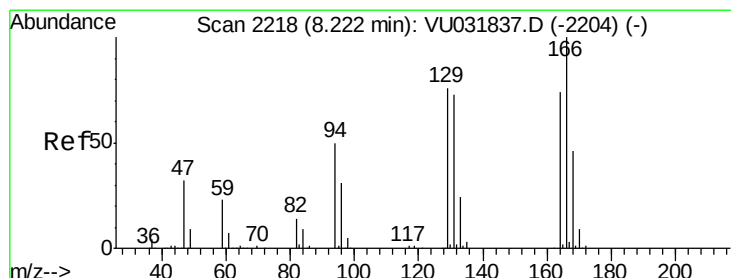
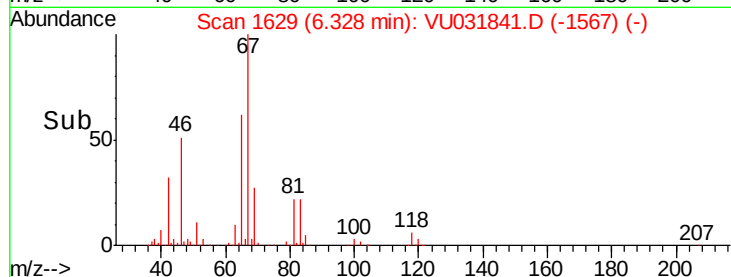
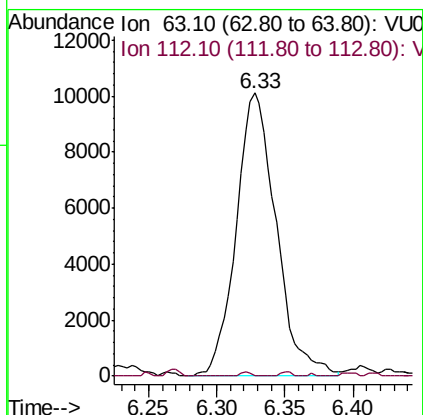
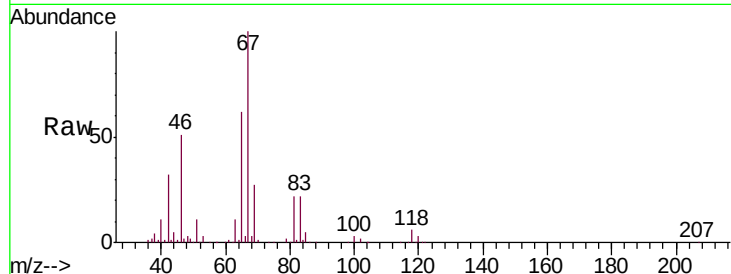




#37
 1,2-Dichloropropane
 Concen: 0.485 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031841.D
 Acq: 08 May 2019 23:55

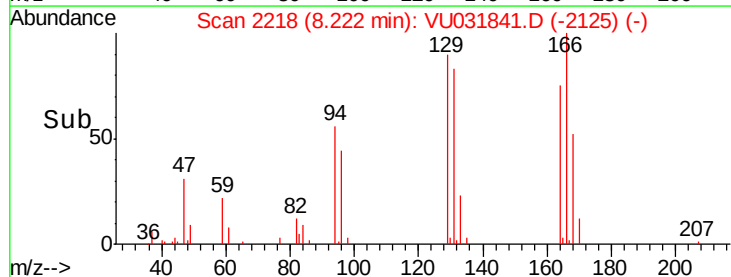
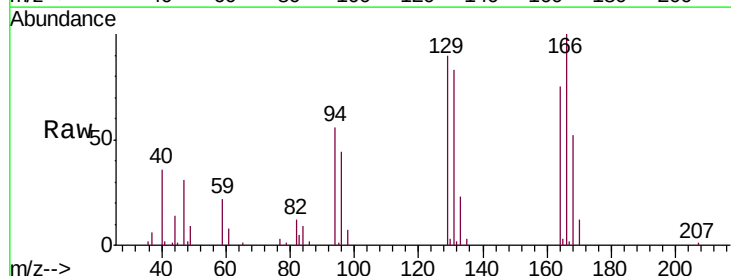
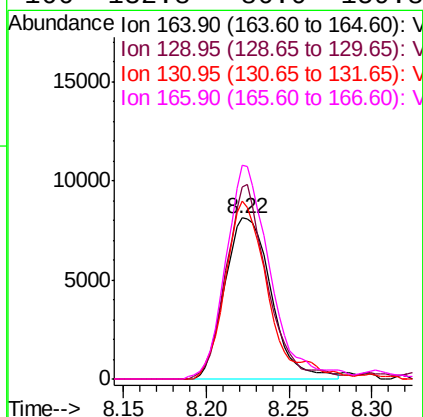
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D01

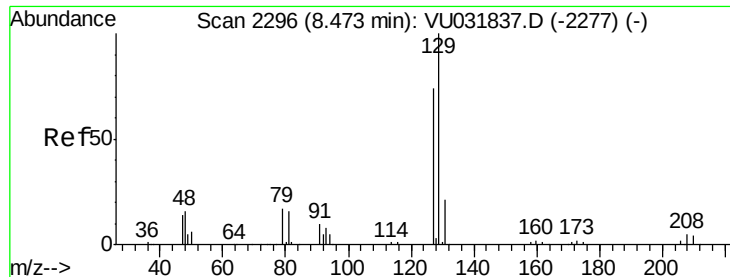
Tgt Ion: 63 Resp: 20591
 Ion Ratio Lower Upper
 63 100
 112 0.4 2.5 3.7#



#47
 Tetrachloroethene
 Concen: 0.652 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU031841.D
 Acq: 08 May 2019 23:55

Tgt Ion: 164 Resp: 15868
 Ion Ratio Lower Upper
 164 100
 129 119.8 70.3 130.5
 131 110.5 65.4 121.4
 166 132.8 86.0 159.8





#49

Dibromochloromethane

Concen: 0.583 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031841.D

Acq: 08 May 2019 23:55

Instrument :

MSVOA_U

ClientSampled :

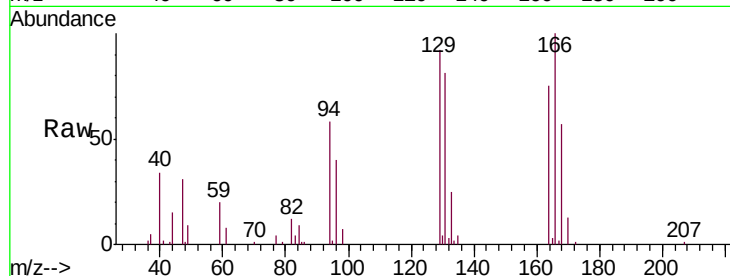
F9D01

Tgt Ion:129 Resp: 17058

Ion Ratio Lower Upper

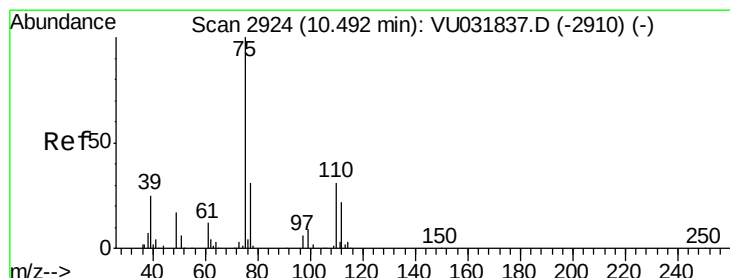
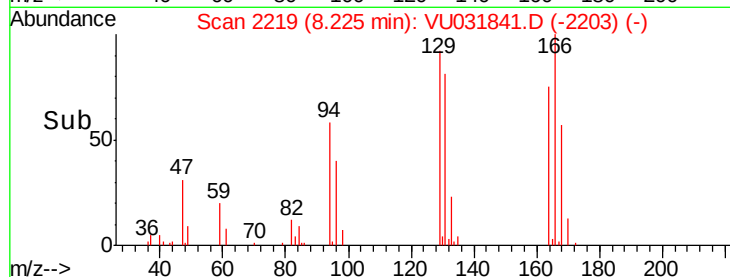
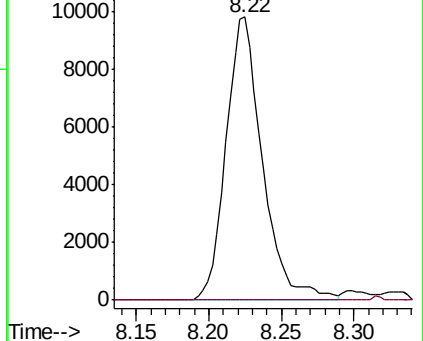
129 100

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: 0.873 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031841.D

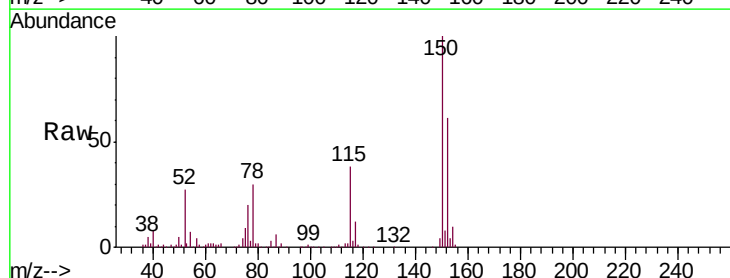
Acq: 08 May 2019 23:55

Tgt Ion: 75 Resp: 21943

Ion Ratio Lower Upper

75 100

77 34.8 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

