

Data File : VU030054.D
Acq On : 14 Mar 2019 00:46
Operator : JC/SP
Sample : K1885-13
Misc : 5.68g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF197

Quant Time: Mar 14 03:56:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 03:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	549366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	558630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	297706	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	114007	31.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.74%
7) Chloroethane-d5	1.64	69	55780	19.02	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.04%#
11) 1,1-Dichloroethene-d2	2.23	63	164471	25.08	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.16%#
21) 2-Butanone-d5	4.19	46	242202	88.96	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.96%
24) Chloroform-d	4.64	84	248958	38.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.38%
26) 1,2-Dichloroethane-d4	5.30	65	154595	41.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.10%
32) Benzene-d6	5.33	84	525874	36.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.14%
36) 1,2-Dichloropropane-d6	6.32	67	169082	38.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.84%
41) Toluene-d8	7.56	98	479149	35.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.16%#
43) trans-1,3-Dichloropropene-	7.85	79	77514	36.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.72%
47) 2-Hexanone-d5	8.32	63	231502	94.01	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.01%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307893	45.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	235402	40.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.64%

Target Compounds

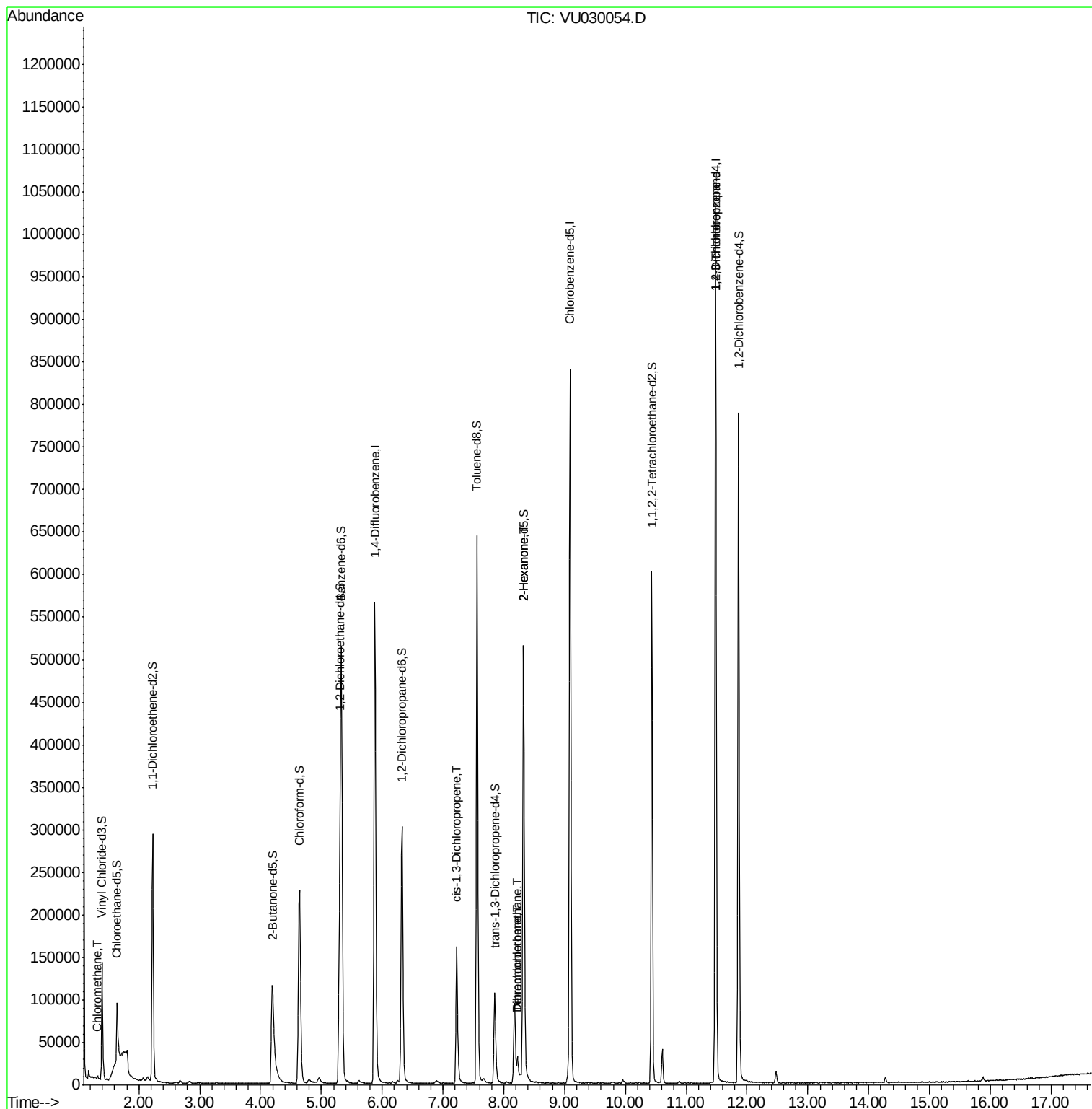
					Qvalue
3) Chloromethane	1.32	50	3312	0.865 ug/L	84
39) cis-1,3-Dichloropropene	7.22	75	4335	0.662 ug/L #	76
46) Tetrachloroethene	8.22	164	6489	1.770 ug/L	94
48) 2-Hexanone	8.32	43	21717	4.484 ug/L #	60
49) Dibromochloromethane	8.22	129	5917	1.259 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	30103	5.497 ug/L	92

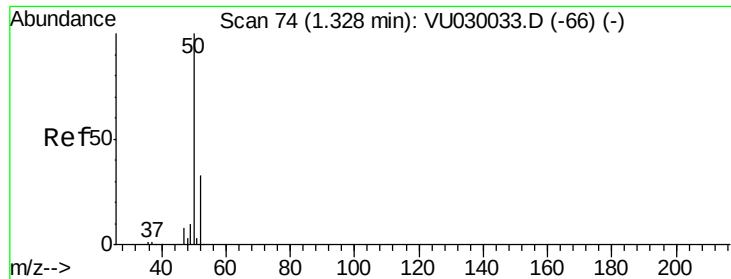
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.865 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

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Acq: 14 Mar 2019 00:46

Instrument :

MSVOA_U

ClientSampleId :

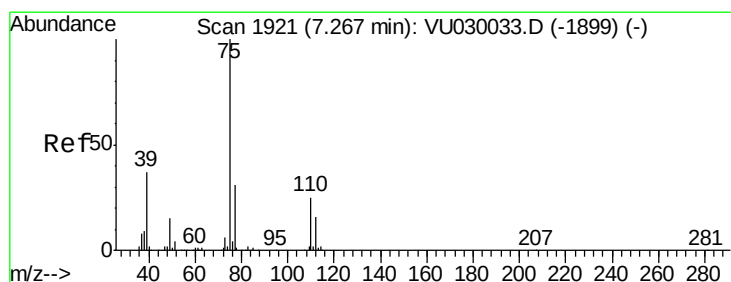
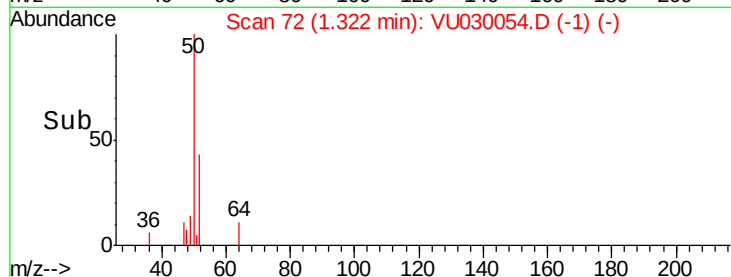
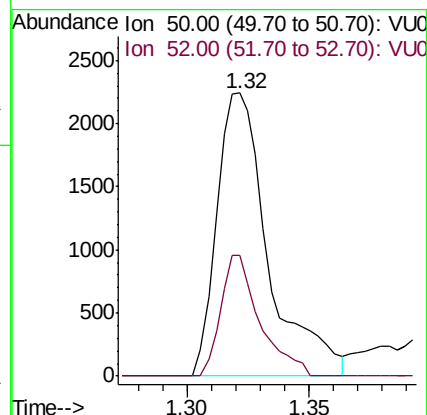
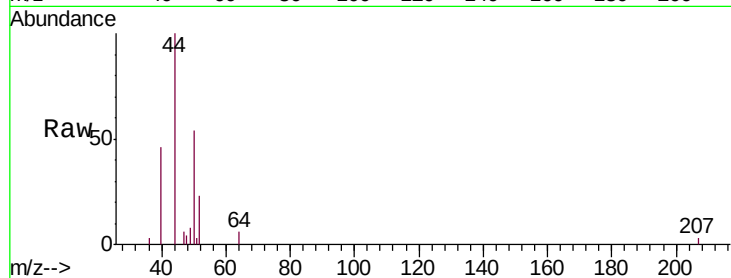
BF197

Tgt Ion: 50 Resp: 3312

Ion Ratio Lower Upper

50 100

52 42.6 23.4 43.6



#39

cis-1,3-Dichloropropene

Concen: 0.662 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU030054.D

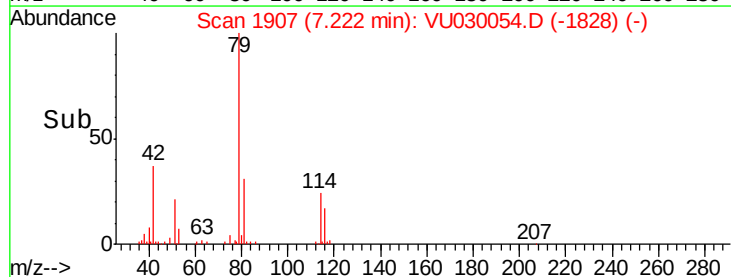
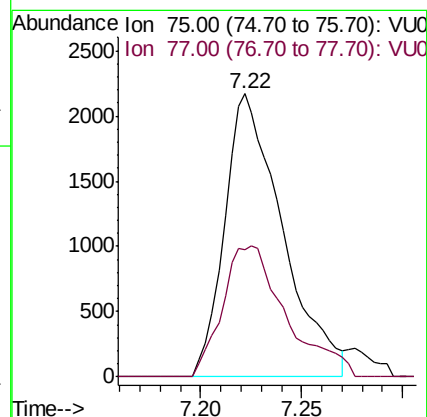
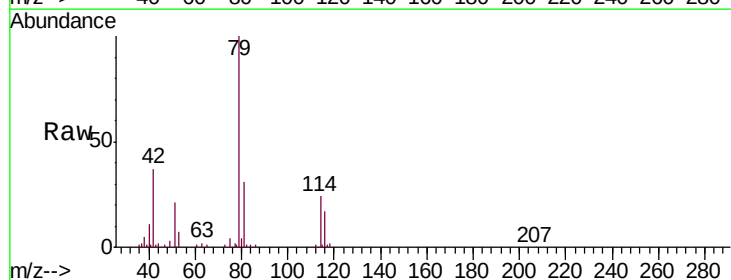
Acq: 14 Mar 2019 00:46

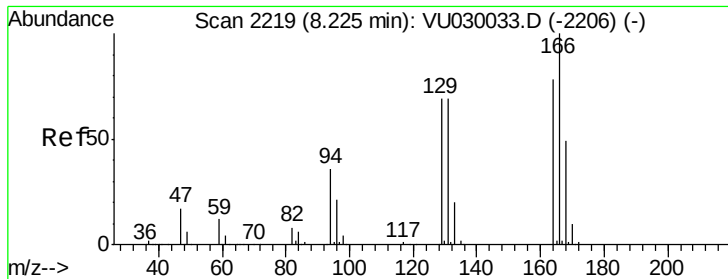
Tgt Ion: 75 Resp: 4335

Ion Ratio Lower Upper

75 100

77 45.2 22.2 41.2#

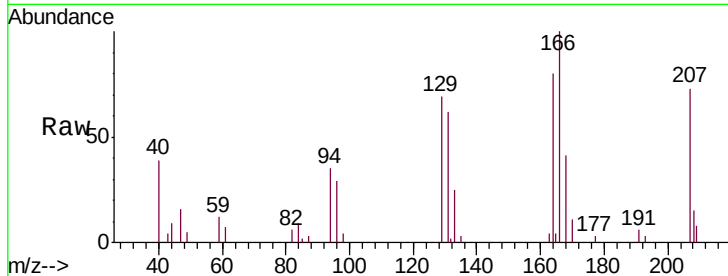




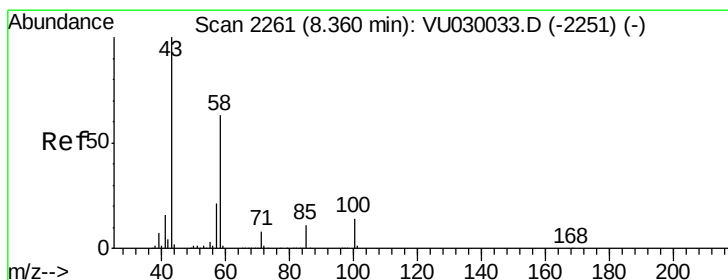
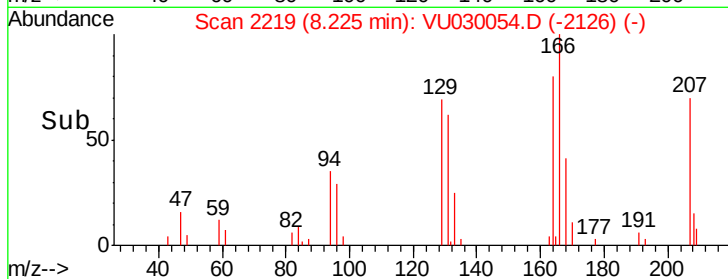
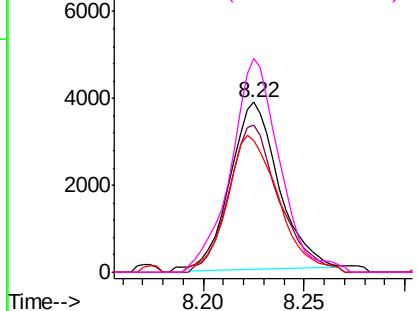
#46
Tetrachloroethene
Concen: 1.770 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030054.D
Acq: 14 Mar 2019 00:46

Instrument :
MSVOA_U
ClientSampleId :
BF197

Tgt Ion:164 Resp: 6489
Ion Ratio Lower Upper
164 100
129 86.9 63.3 117.7
131 77.5 62.0 115.2
166 125.7 90.5 168.1

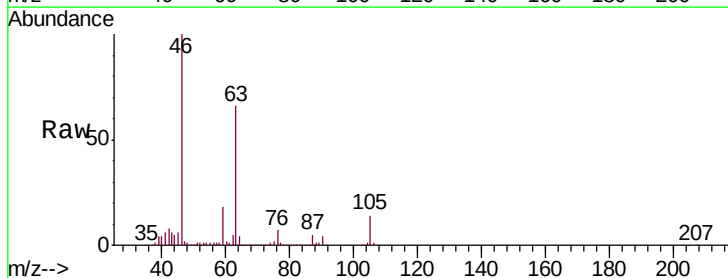


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

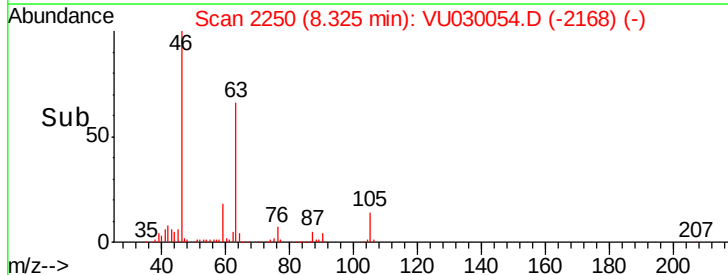
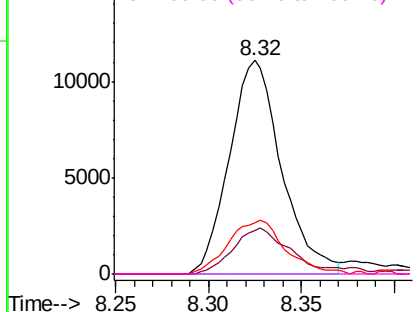


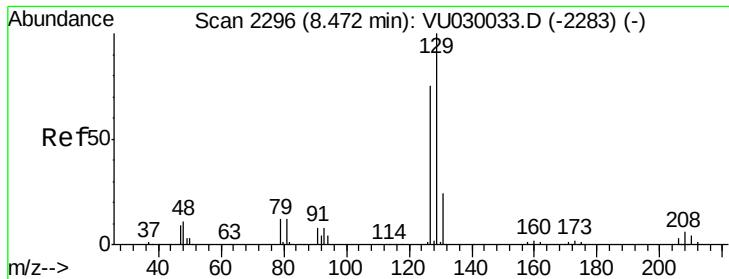
#48
2-Hexanone
Concen: 4.484 ug/L
RT: 8.32 min Scan# 2250
Delta R.T. -0.04 min
Lab File: VU030054.D
Acq: 14 Mar 2019 00:46

Tgt Ion: 43 Resp: 21717
Ion Ratio Lower Upper
43 100
58 23.5 48.6 72.8#
57 26.8 16.1 24.1#
100 0.0 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 1.259 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU030054.D

Acq: 14 Mar 2019 00:46

Instrument :

MSVOA_U

ClientSampleId :

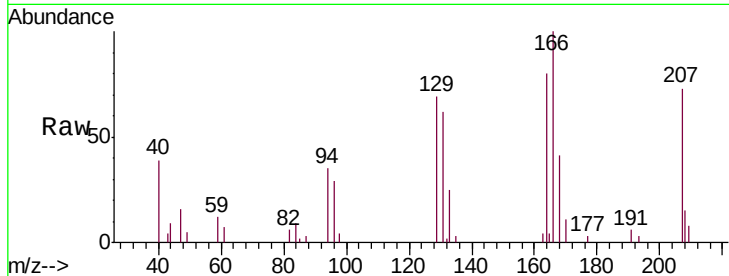
BF197

Tgt Ion:129 Resp: 5917

Ion Ratio Lower Upper

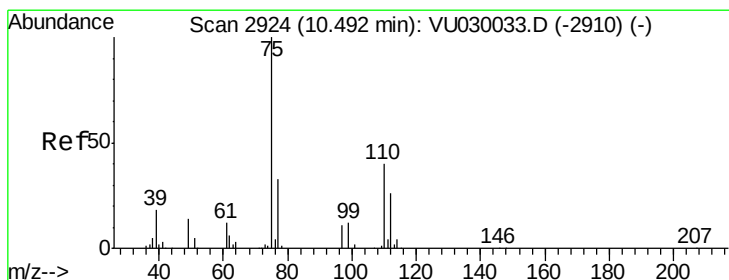
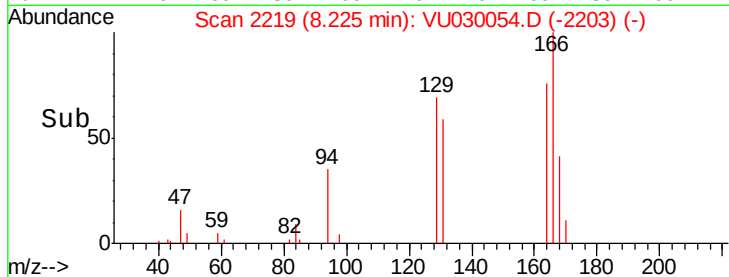
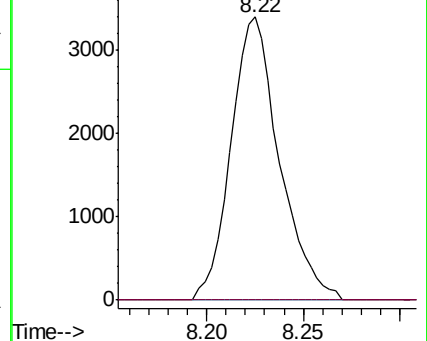
129 100

127 0.0 55.2 102.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.497 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030054.D

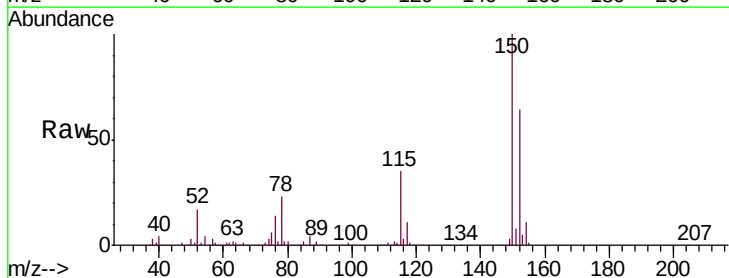
Acq: 14 Mar 2019 00:46

Tgt Ion: 75 Resp: 30103

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

