

Data File : VU029944.D
Acq On : 10 Mar 2019 13:19
Operator : JC/SP
Sample : K1789-10ME
Misc : 5.72g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOP6ME

Quant Time: Mar 11 07:13:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 07:10:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	719880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	711174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	358045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	101782	23.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	46.34%#
7) Chloroethane-d5	1.69	69	129	0.03	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.30	63	146	0.02	ug/L	0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.20	46	167155	49.12	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	49.12%
24) Chloroform-d	4.64	84	194838	22.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.58%#
26) 1,2-Dichloroethane-d4	5.30	65	122120	24.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.76%#
32) Benzene-d6	5.33	84	425671	24.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.04%#
36) 1,2-Dichloropropane-d6	6.32	67	129190	24.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	48.26%#
41) Toluene-d8	7.56	98	394817	23.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.44%#
43) trans-1,3-Dichloropropene-	7.85	79	58542	22.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.20%#
47) 2-Hexanone-d5	8.32	63	145075	50.37	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	50.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	210402	24.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	49.78%#
64) 1,2-Dichlorobenzene-d4	11.86	152	167280	23.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	47.64%#

Target Compounds

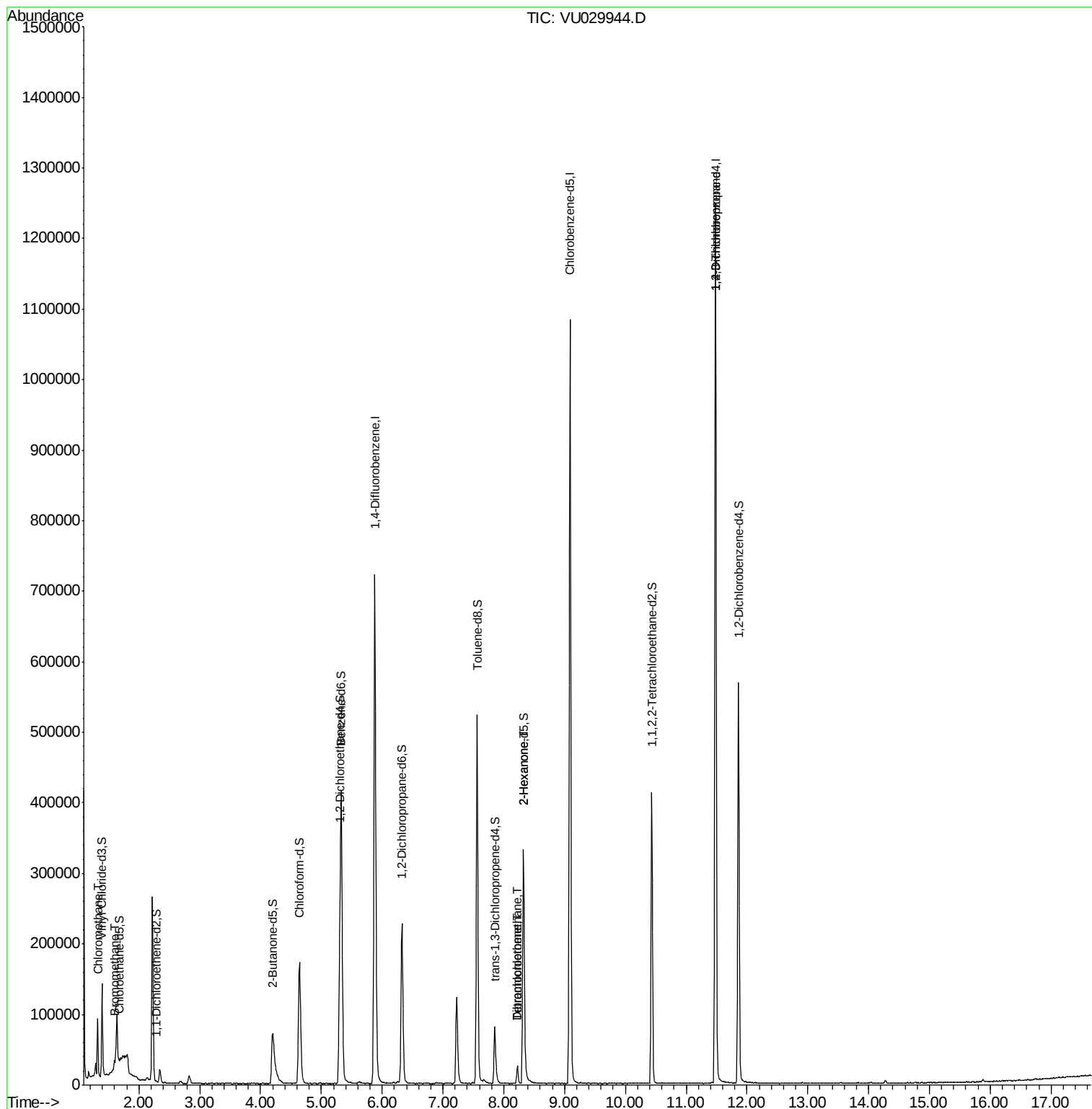
					Qvalue
3) Chloromethane	1.32	50	59220	8.150 ug/L	99
6) Bromomethane	1.59	94	3934	2.636 ug/L	90
46) Tetrachloroethene	8.22	164	6505	1.475 ug/L	95
48) 2-Hexanone	8.32	43	14028	2.514 ug/L #	61
49) Dibromochloromethane	8.22	129	6033	1.097 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	37037	5.644 ug/L	94

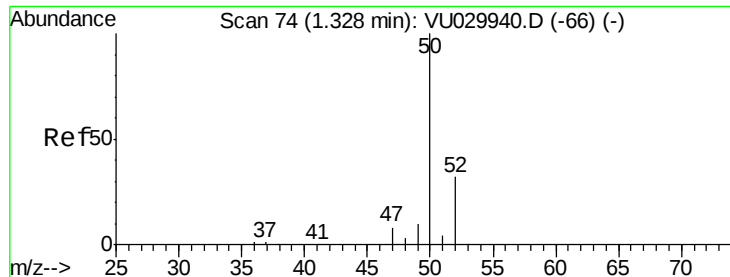
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 8.150 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029944.D

Acq: 10 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampleId :

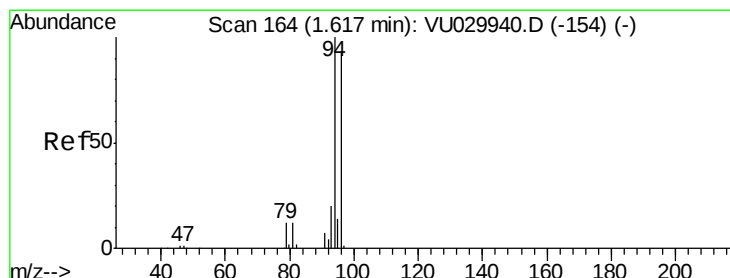
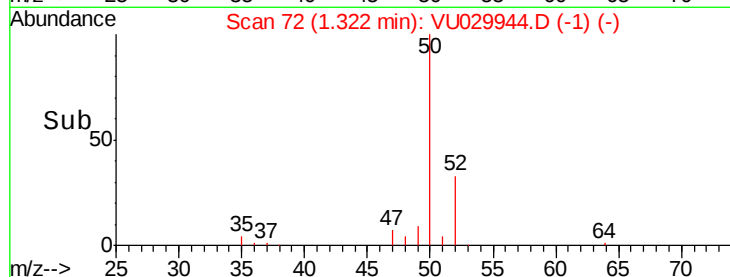
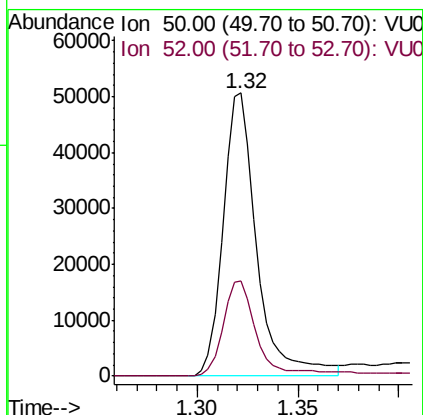
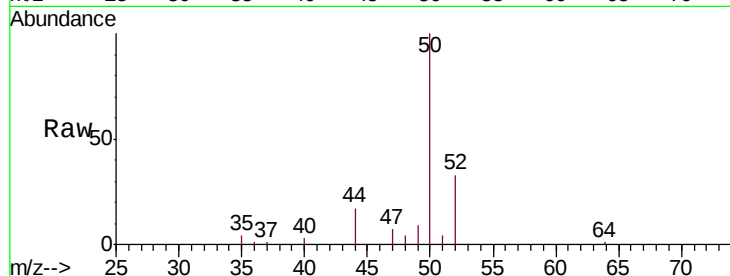
BFOP6ME

Tgt Ion: 50 Resp: 59220

Ion Ratio Lower Upper

50 100

52 33.5 23.1 42.9



#6

Bromomethane

Concen: 2.636 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU029944.D

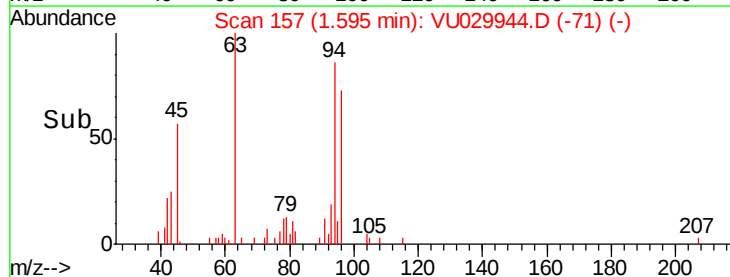
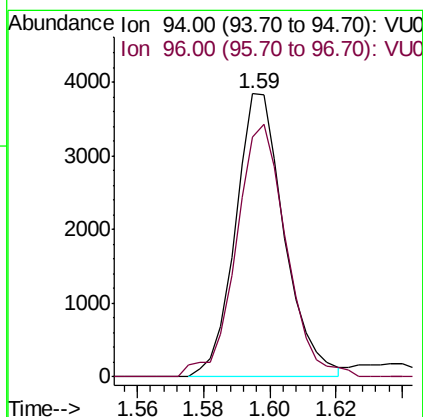
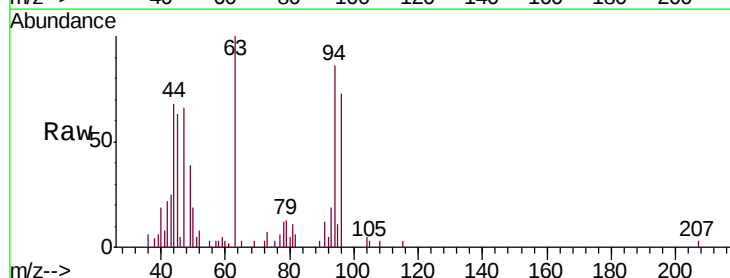
Acq: 10 Mar 2019 13:19

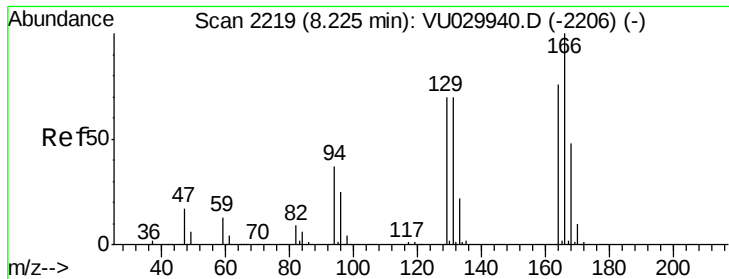
Tgt Ion: 94 Resp: 3934

Ion Ratio Lower Upper

94 100

96 84.6 65.7 121.9





#46

Tetrachloroethene

Concen: 1.475 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU029944.D

Acq: 10 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampleId :

BF0P6ME

Tgt Ion: 164 Resp: 6505

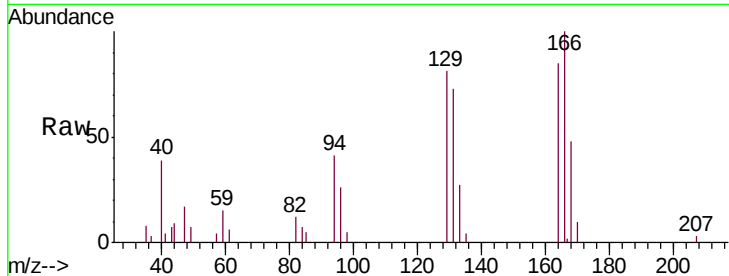
Ion Ratio Lower Upper

164 100

129 95.6 61.0 113.2

131 86.0 60.5 112.3

166 121.0 88.3 163.9

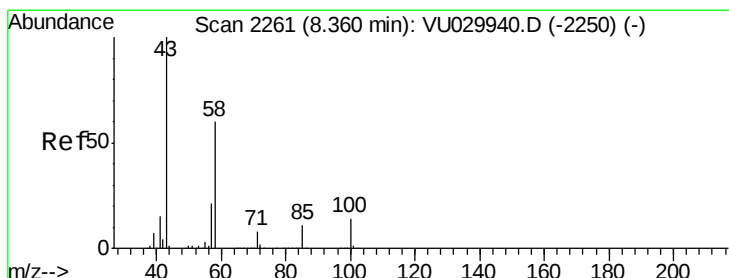
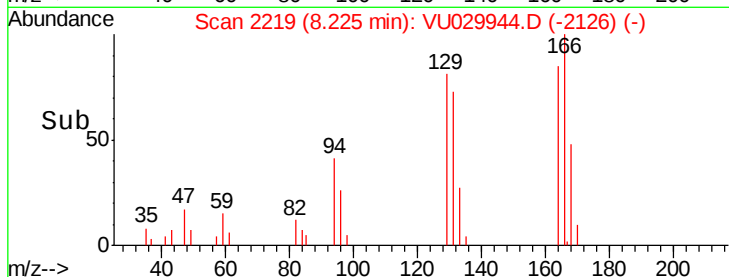
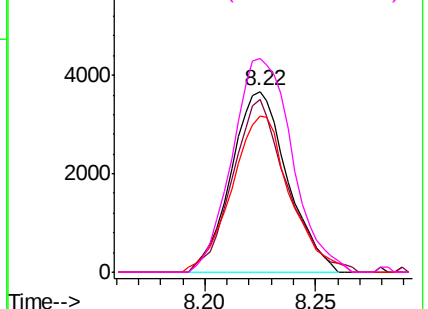


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.514 ug/L

RT: 8.32 min Scan# 2250

Delta R.T. -0.04 min

Lab File: VU029944.D

Acq: 10 Mar 2019 13:19

Tgt Ion: 43 Resp: 14028

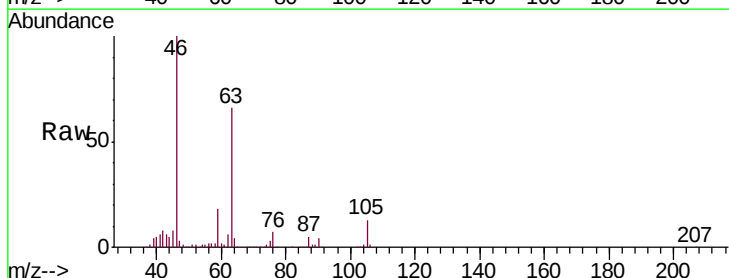
Ion Ratio Lower Upper

43 100

58 26.3 49.2 73.8#

57 29.6 16.6 25.0#

100 0.0 11.4 17.0#

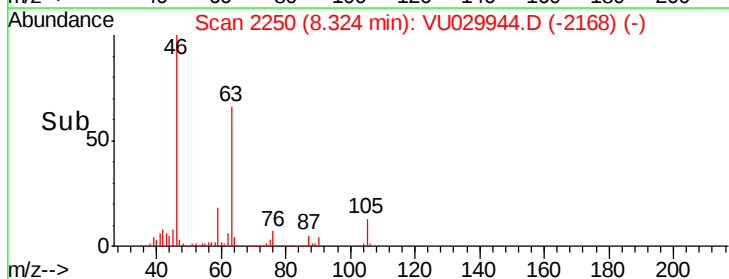
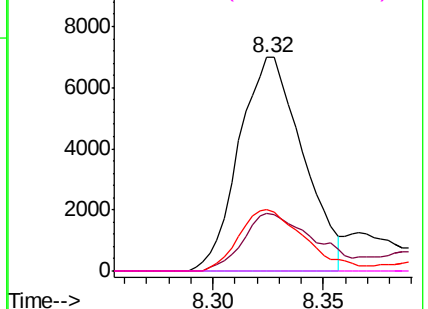


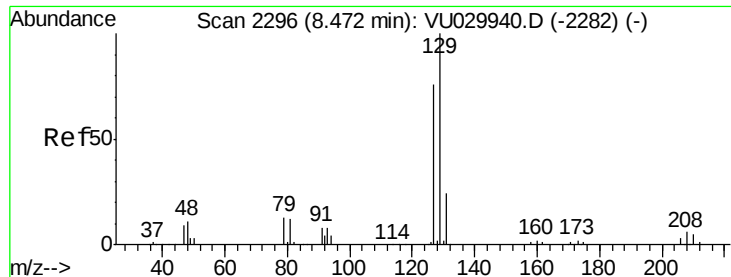
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 1.097 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU029944.D

Acq: 10 Mar 2019 13:19

Instrument :

MSVOA_U

ClientSampleId :

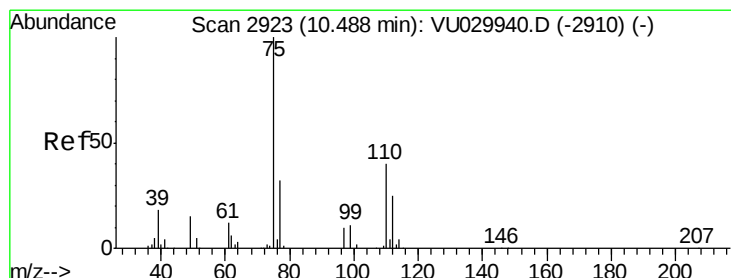
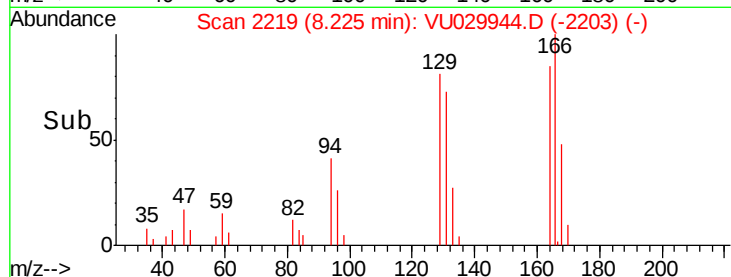
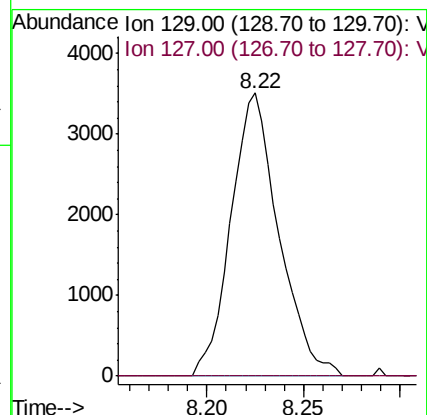
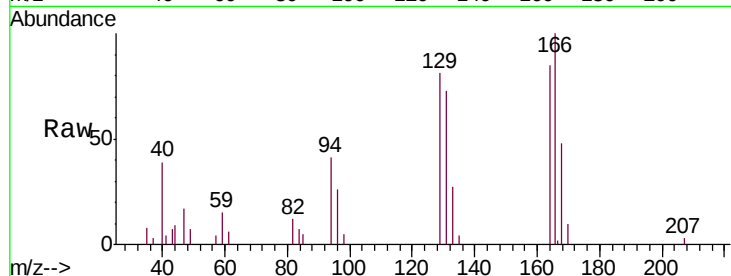
BF0P6ME

Tgt Ion:129 Resp: 6033

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.8#



#59

1,2,3-Trichloropropane

Concen: 5.644 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029944.D

Acq: 10 Mar 2019 13:19

Tgt Ion: 75 Resp: 37037

Ion Ratio Lower Upper

75 100

77 35.9 26.1 39.1

