

Data File : VU029943.D
Acq On : 10 Mar 2019 12:56
Operator : JC/SP
Sample : K1789-09ME
Misc : 5.87g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P5ME

Quant Time: Mar 11 07:13:33 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	488079	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	485475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107952	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.50%
7) Chloroethane-d5	1.64	69	43521	17.38	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.76%#
11) 1,1-Dichloroethene-d2	2.29	63	50	0.01	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.19	46	170742	74.00	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.00%
24) Chloroform-d	4.64	84	204711	35.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.64%
26) 1,2-Dichloroethane-d4	5.30	65	126969	37.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.78%
32) Benzene-d6	5.33	84	450105	37.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.42%
36) 1,2-Dichloropropane-d6	6.32	67	135484	37.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.16%
41) Toluene-d8	7.56	98	425690	36.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.34%#
43) trans-1,3-Dichloropropene-	7.85	79	62608	35.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.80%
47) 2-Hexanone-d5	8.32	63	151602	77.11	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	229147	39.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	184417	37.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.28%#

Target Compounds

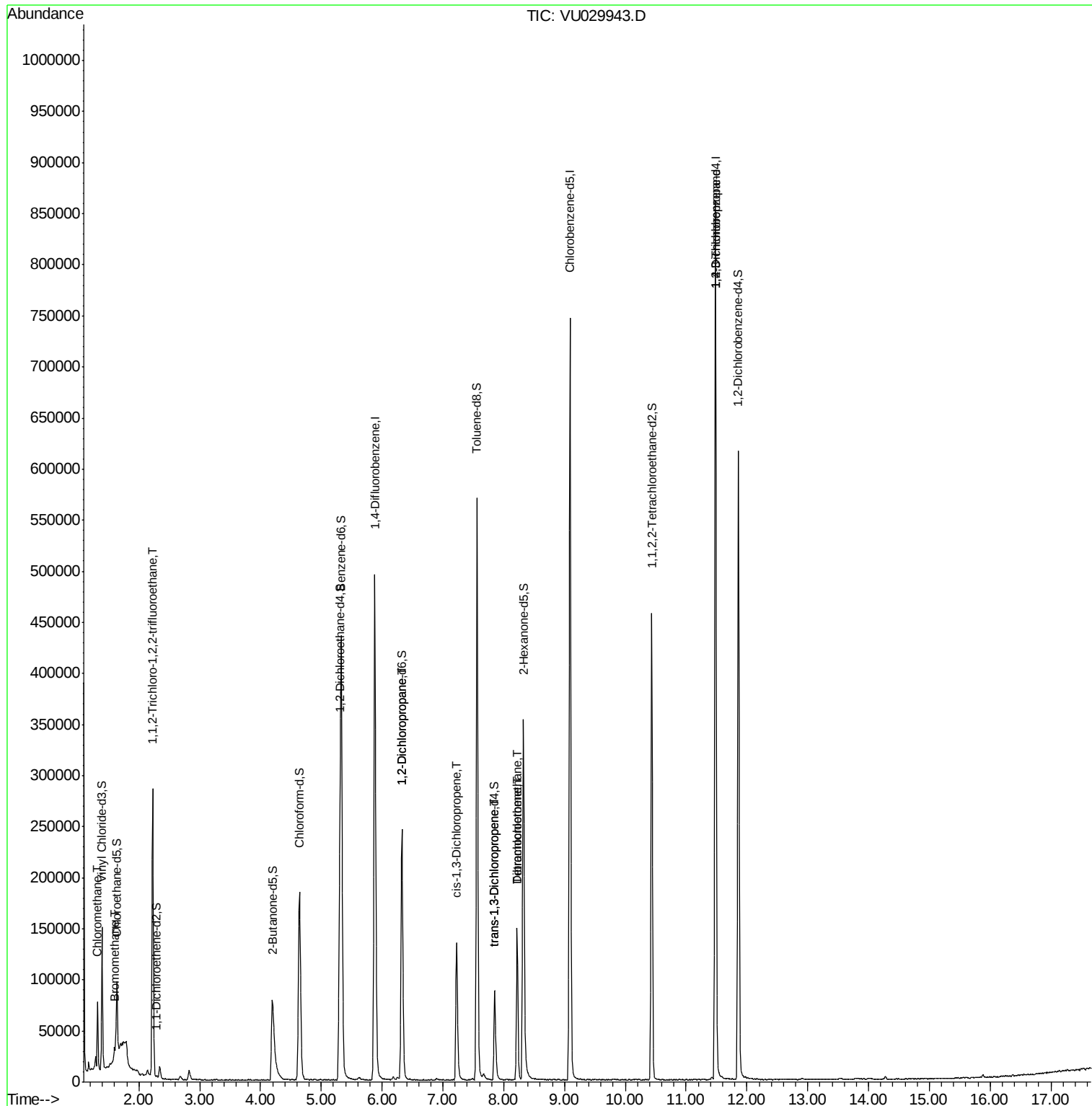
					Qvalue
3) Chloromethane	1.32	50	48861	9.918	ug/L 97
6) Bromomethane	1.60	94	3417	3.377	ug/L 91
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	1858	0.597	ug/L # 18
37) 1,2-Dichloropropane	6.32	63	13390	3.962	ug/L # 87
39) cis-1,3-Dichloropropene	7.23	75	3583	0.697	ug/L # 59
44) trans-1,3-Dichloropropene	7.86	75	2775	0.606	ug/L 99
46) Tetrachloroethene	8.22	164	36948	12.275	ug/L 95
49) Dibromochloromethane	8.22	129	34118	9.086	ug/L # 11
59) 1,2,3-Trichloropropane	11.48	75	25477	5.687	ug/L 97

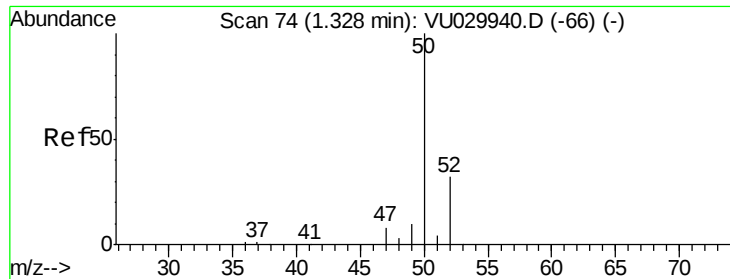
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 9.918 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029943.D

Acq: 10 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

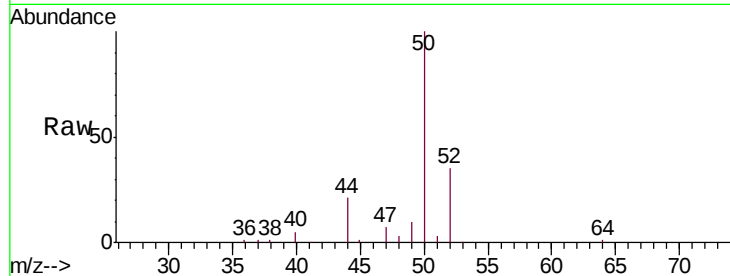
BFOP5ME

Tgt Ion: 50 Resp: 48861

Ion Ratio Lower Upper

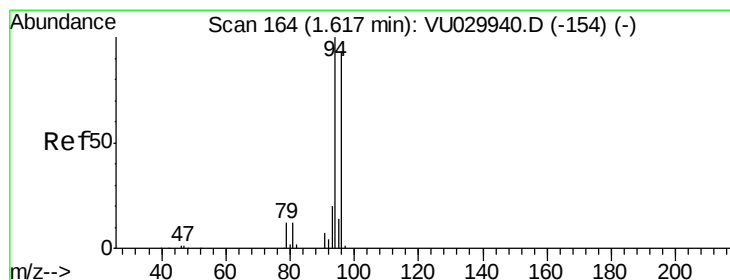
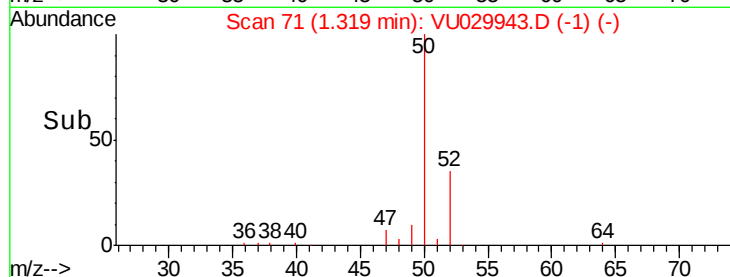
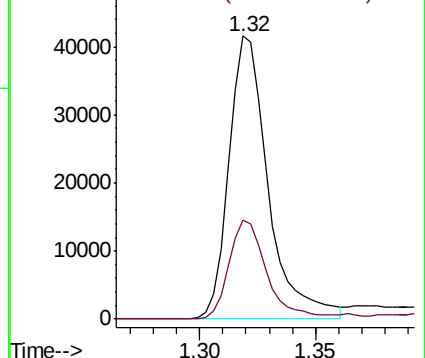
50 100

52 34.9 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#6

Bromomethane

Concen: 3.377 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.02 min

Lab File: VU029943.D

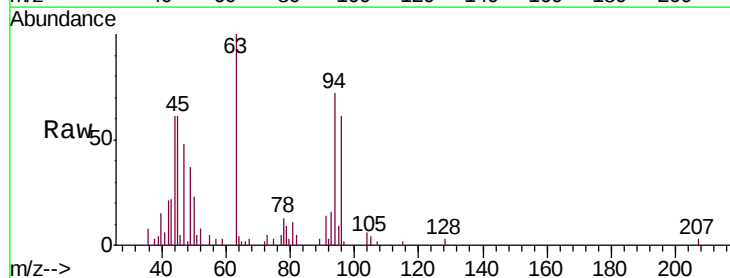
Acq: 10 Mar 2019 12:56

Tgt Ion: 94 Resp: 3417

Ion Ratio Lower Upper

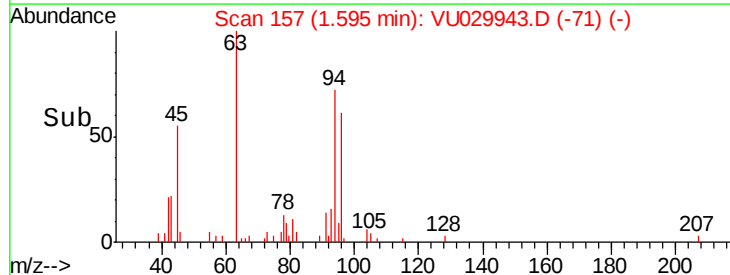
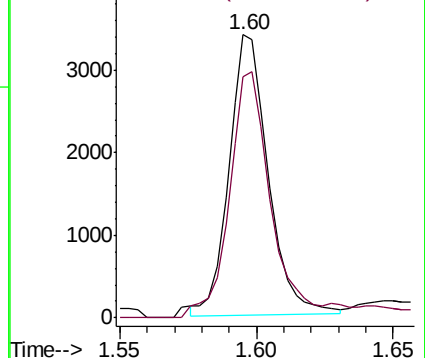
94 100

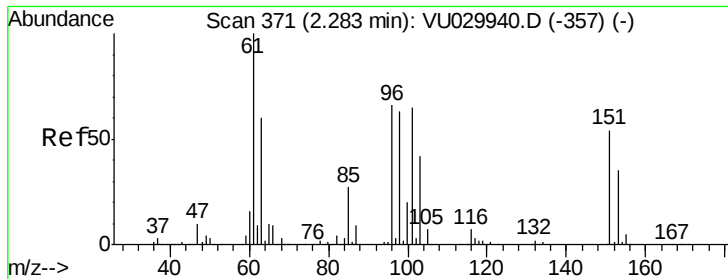
96 85.3 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.597 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU029943.D

Acq: 10 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

BFOP5ME

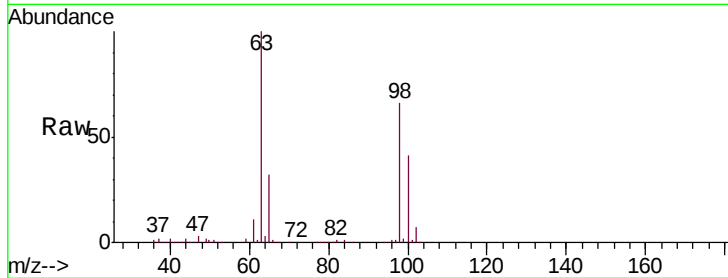
Tgt Ion:101 Resp: 1858

Ion Ratio Lower Upper

101 100

85 2.5 33.4 50.2#

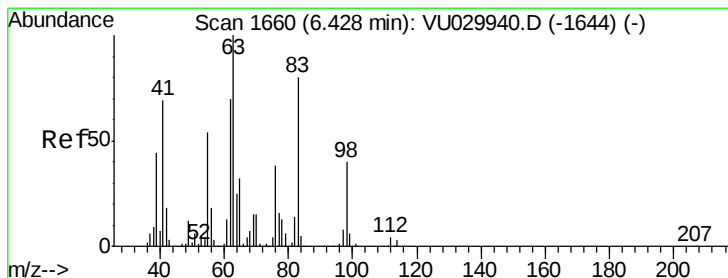
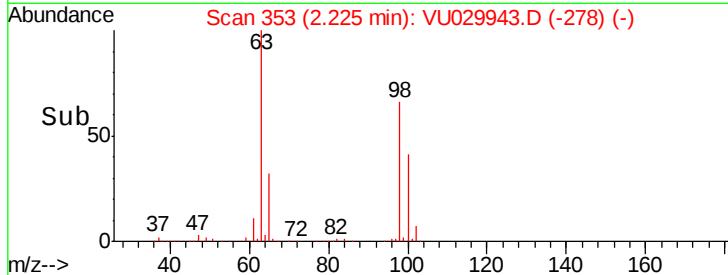
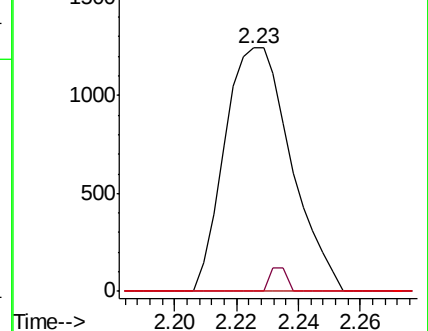
151 0.0 65.8 98.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 3.962 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU029943.D

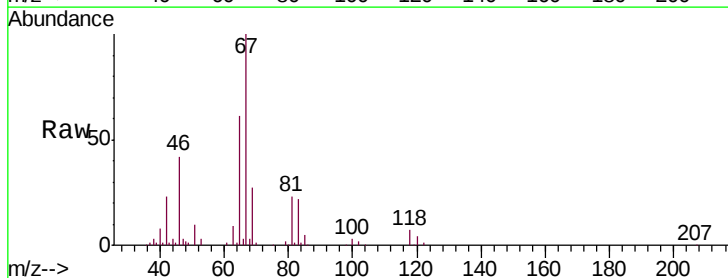
Acq: 10 Mar 2019 12:56

Tgt Ion: 63 Resp: 13390

Ion Ratio Lower Upper

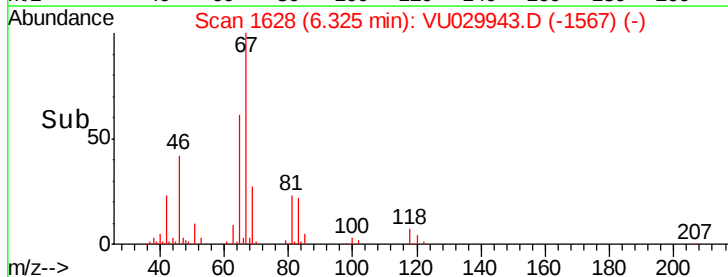
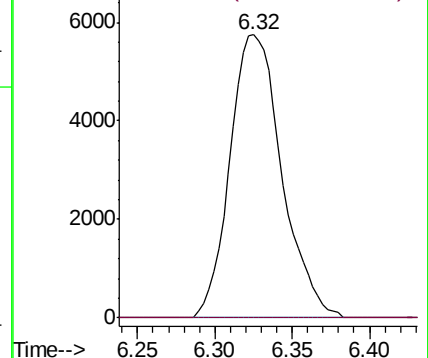
63 100

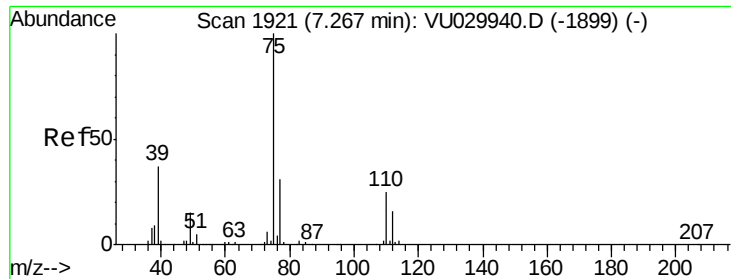
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

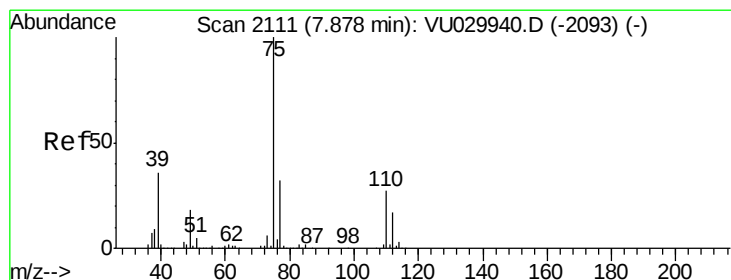
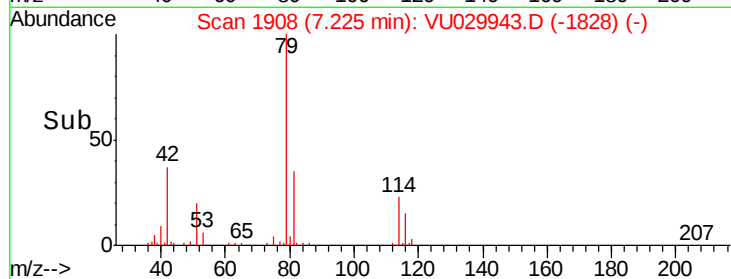
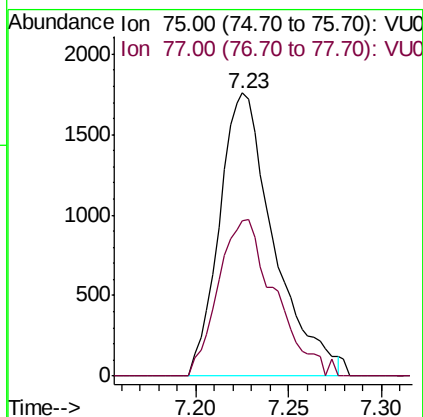
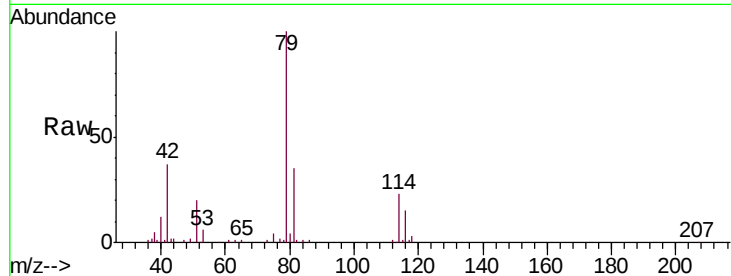




#39
 cis-1,3-Dichloropropene
 Concen: 0.697 ug/L
 RT: 7.23 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029943.D
 Acq: 10 Mar 2019 12:56

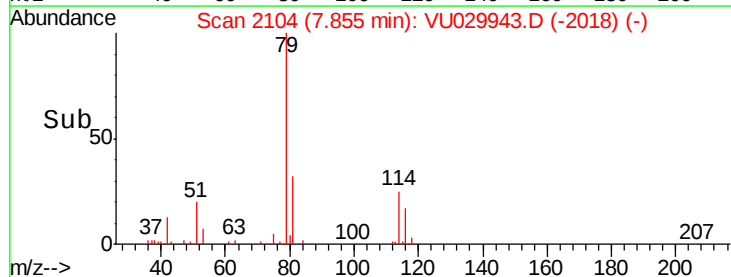
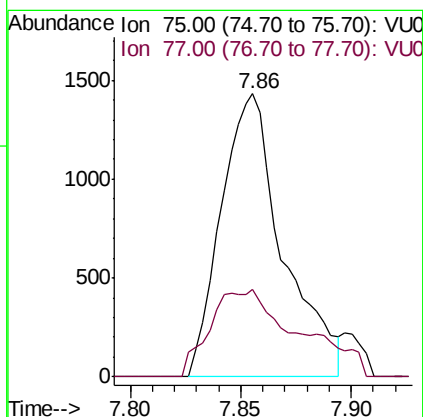
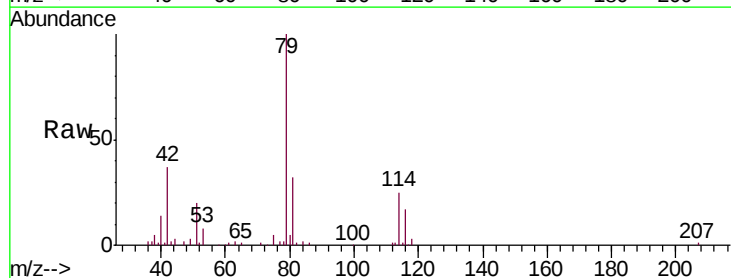
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0P5ME

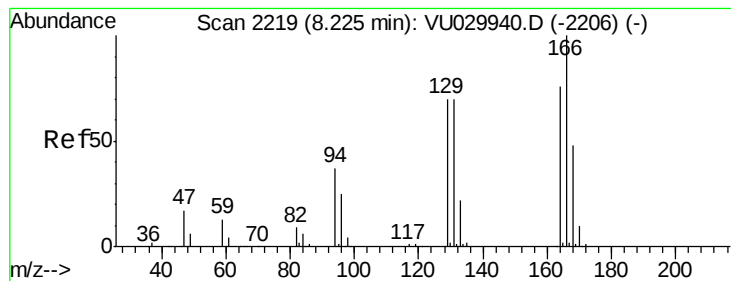
Tgt Ion: 75 Resp: 3583
 Ion Ratio Lower Upper
 75 100
 77 54.9 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.606 ug/L
 RT: 7.86 min Scan# 2104
 Delta R.T. -0.02 min
 Lab File: VU029943.D
 Acq: 10 Mar 2019 12:56

Tgt Ion: 75 Resp: 2775
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.8 40.6





#46

Tetrachloroethene

Concen: 12.275 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU029943.D

Acq: 10 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

BFOP5ME

Tgt Ion:164 Resp: 36948

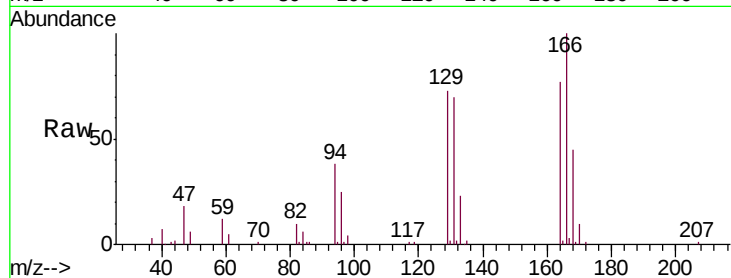
Ion Ratio Lower Upper

164 100

129 94.8 61.0 113.2

131 91.0 60.5 112.3

166 130.1 88.3 163.9

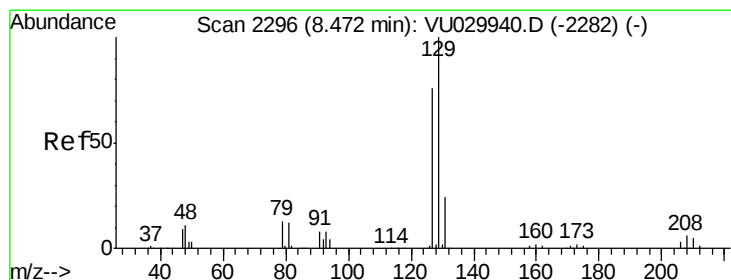
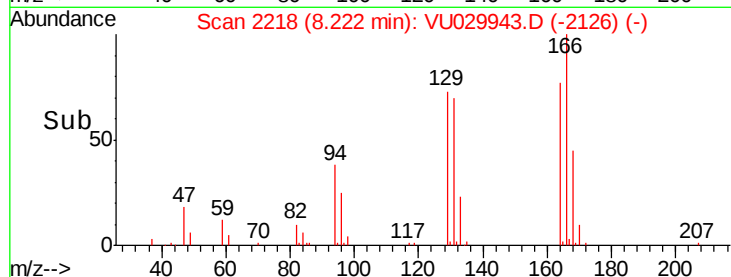
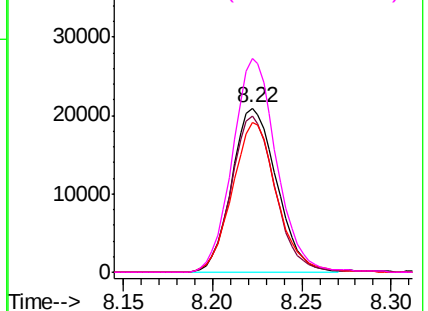


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 9.086 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU029943.D

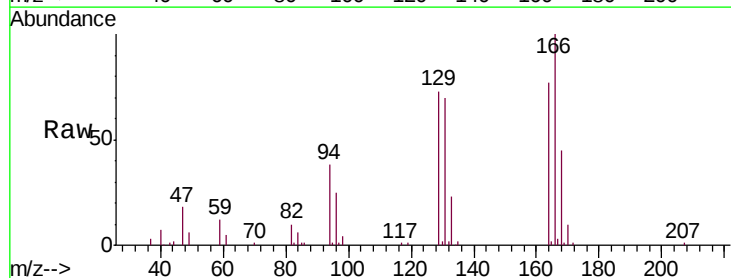
Acq: 10 Mar 2019 12:56

Tgt Ion:129 Resp: 34118

Ion Ratio Lower Upper

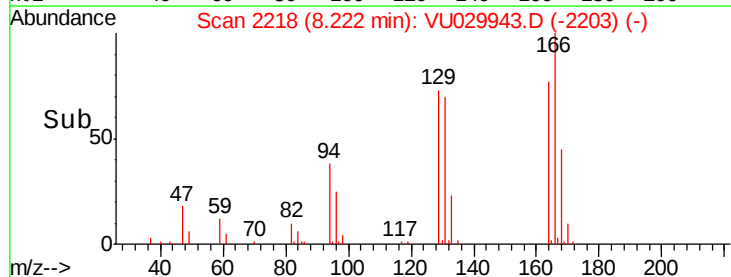
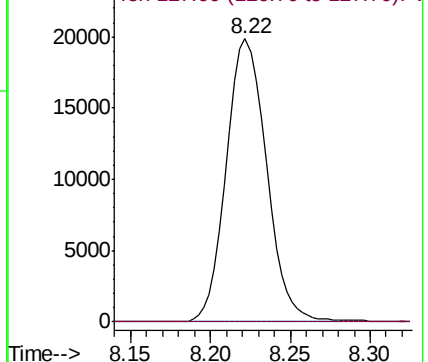
129 100

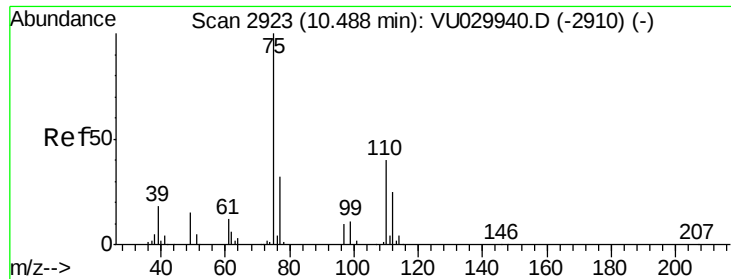
127 0.0 54.3 100.8#



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: 5.687 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029943.D

Acq: 10 Mar 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

BF0P5ME

Tgt Ion: 75 Resp: 25477

Ion Ratio Lower Upper

75 100

77 34.4 26.1 39.1

