

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029934.D
 Acq On : 09 Mar 2019 20:44
 Operator : JC/SP
 Sample : K1838-07
 Misc : 6.14g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L4

Quant Time: Mar 11 02:26:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 02:20:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	576653	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	565273	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	280645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142664	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.10%
7) Chloroethane-d5	1.64	69	57424	19.41	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.82%#
11) 1,1-Dichloroethene-d2	2.22	63	196644	29.65	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.30%#
21) 2-Butanone-d5	4.20	46	228566	83.85	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.85%
24) Chloroform-d	4.64	84	265187	38.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.46%
26) 1,2-Dichloroethane-d4	5.30	65	166296	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.90%
32) Benzene-d6	5.33	84	580247	41.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.38%
36) 1,2-Dichloropropane-d6	6.32	67	177147	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.28%
41) Toluene-d8	7.56	98	535487	39.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.24%#
43) trans-1,3-Dichloropropene-	7.85	79	79548	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.26%
47) 2-Hexanone-d5	8.32	63	209290	91.42	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	288214	42.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	230154	41.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.62%

Target Compounds

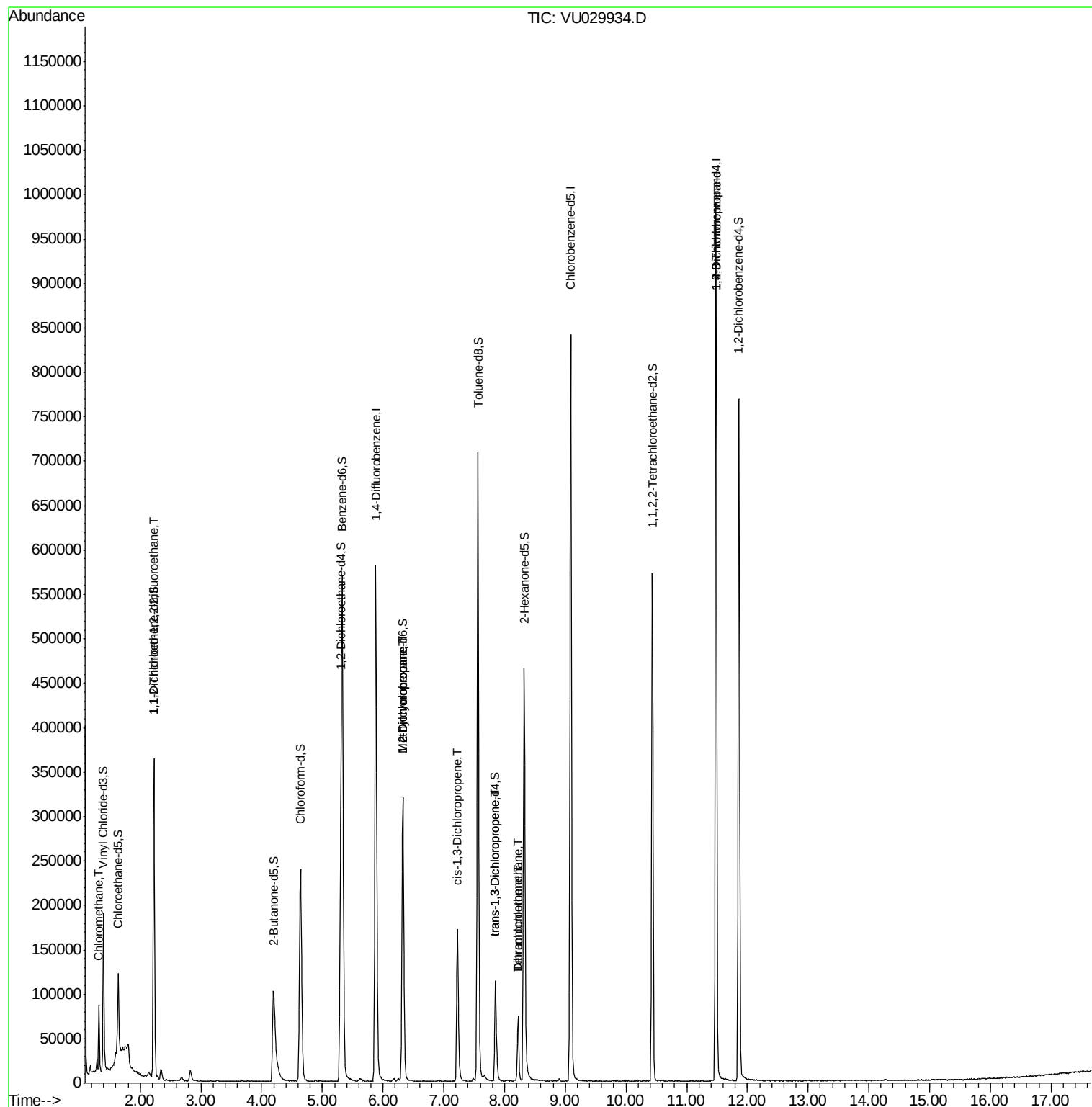
					Qvalue
3) Chloromethane	1.32	50	58496	10.049 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2108	0.574 ug/L #	18
35) Methylcyclohexane	6.32	83	40767	6.278 ug/L #	22
37) 1,2-Dichloropropane	6.32	63	17244	4.382 ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3900	0.651 ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	3261	0.611 ug/L	85
46) Tetrachloroethene	8.22	164	17415	4.969 ug/L	91
49) Dibromochloromethane	8.22	129	16639	3.806 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	28886	5.538 ug/L	93

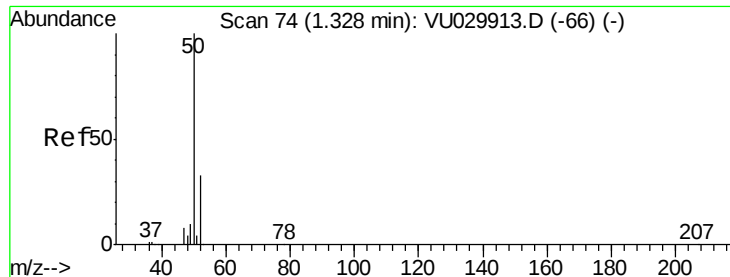
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 10.049 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.01 min

Lab File: VU029934.D

Acq: 09 Mar 2019 20:44

Instrument :

MSVOA_U

ClientSampled :

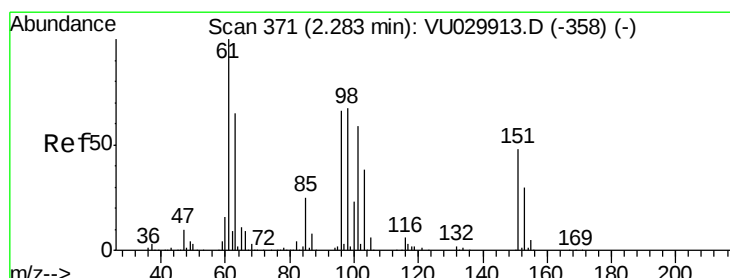
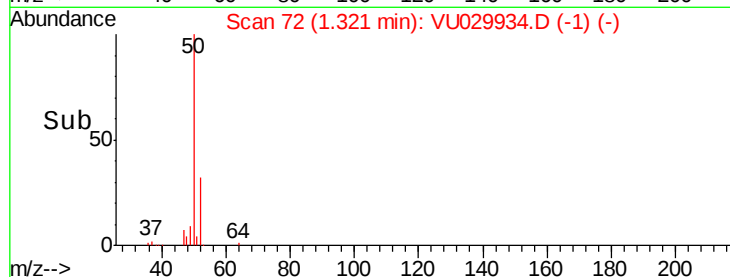
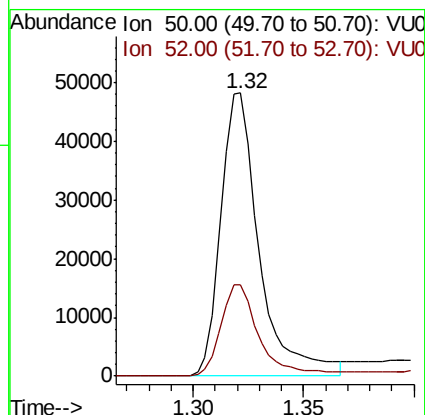
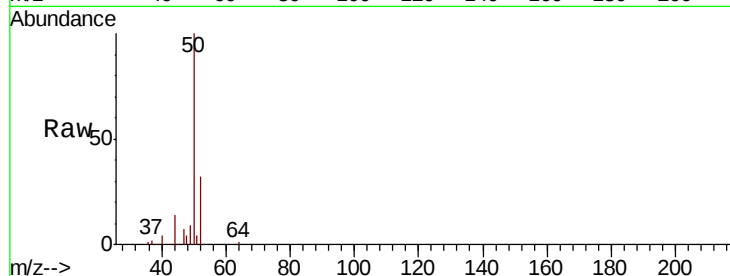
BF2L4

Tgt Ion: 50 Resp: 58496

Ion Ratio Lower Upper

50 100

52 32.4 23.1 42.9



#10

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

Concen: 0.574 ug/L

RT: 2.22 min Scan# 353

Delta R.T. -0.06 min

Lab File: VU029934.D

Acq: 09 Mar 2019 20:44

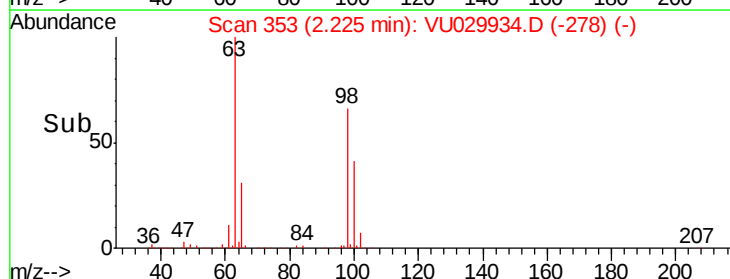
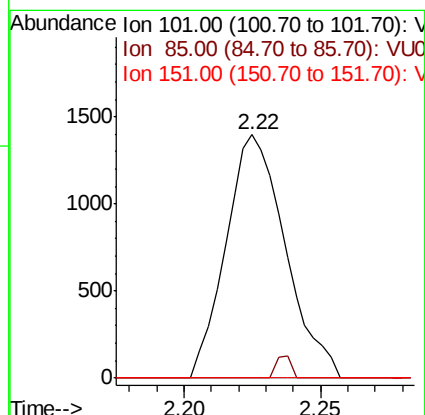
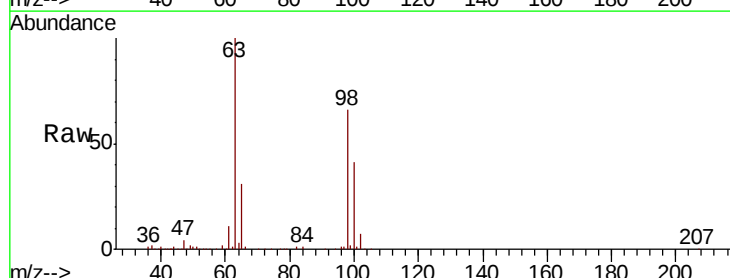
Tgt Ion: 101 Resp: 2108

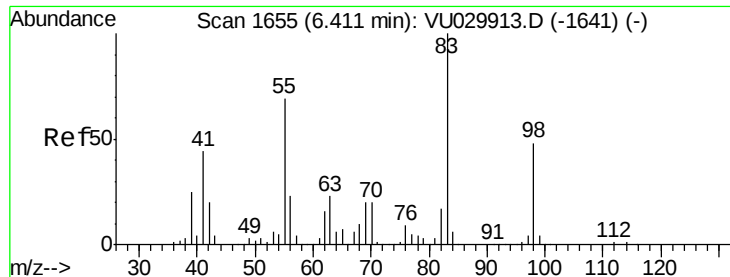
Ion Ratio Lower Upper

101 100

85 2.3 33.4 50.2#

151 0.0 65.8 98.6#





#35

Methylcyclohexane

Concen: 6.278 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.09 min

Lab File: VU029934.D

Acq: 09 Mar 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

BF2L4

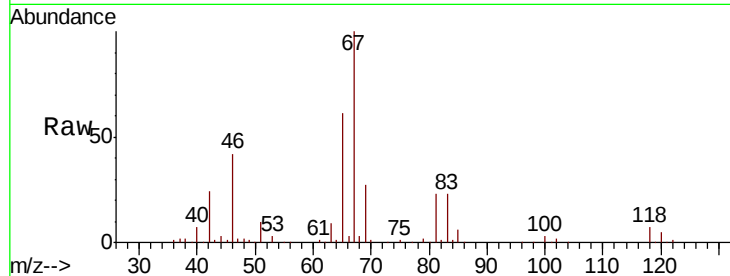
Tgt Ion: 83 Resp: 40767

Ion Ratio Lower Upper

83 100

55 0.3 55.5 83.3#

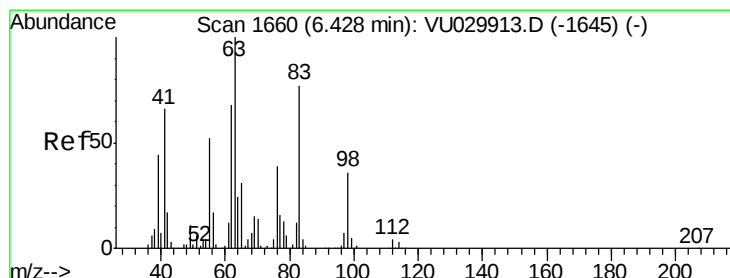
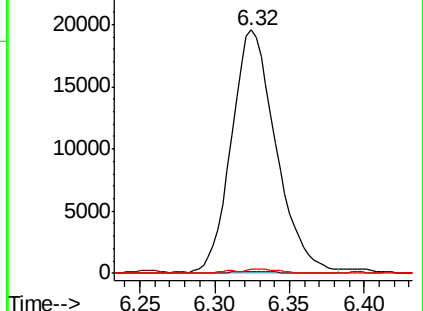
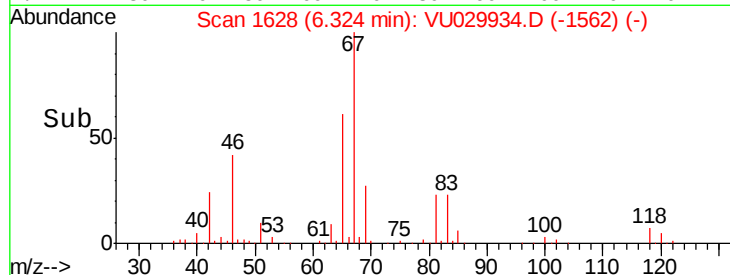
98 1.3 37.6 56.4#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#37

1,2-Dichloropropane

Concen: 4.382 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU029934.D

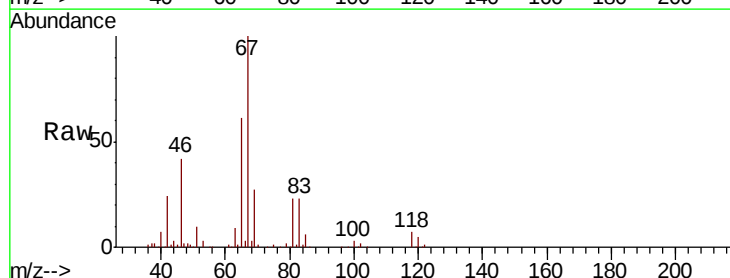
Acq: 09 Mar 2019 20:44

Tgt Ion: 63 Resp: 17244

Ion Ratio Lower Upper

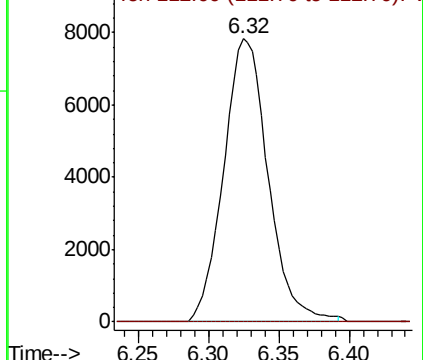
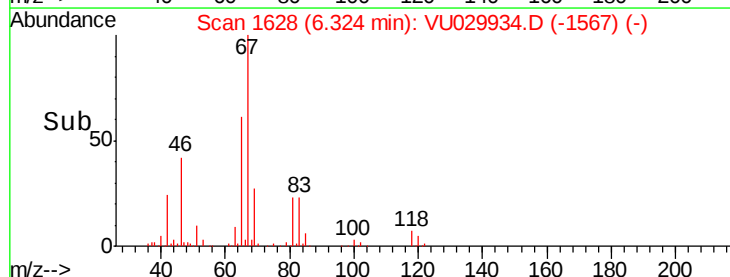
63 100

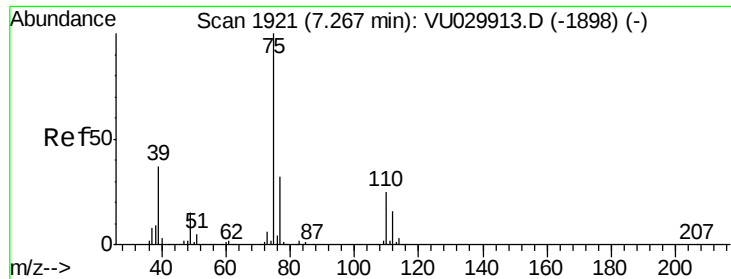
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



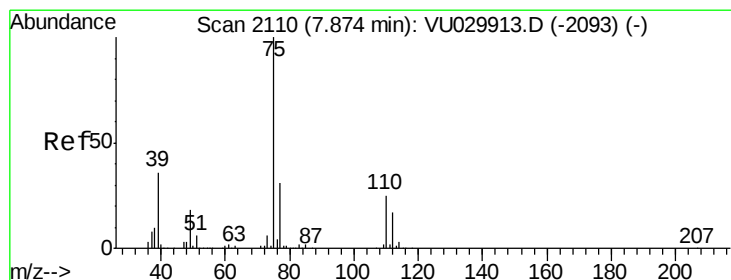
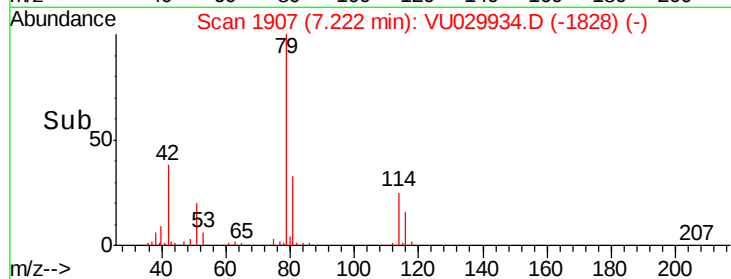
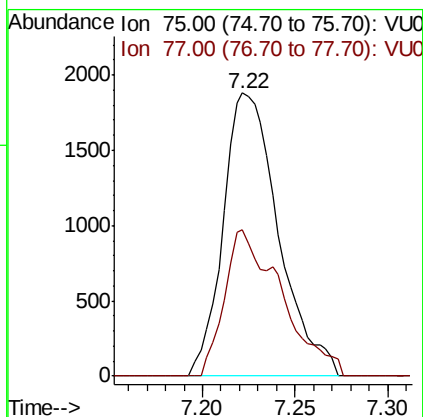
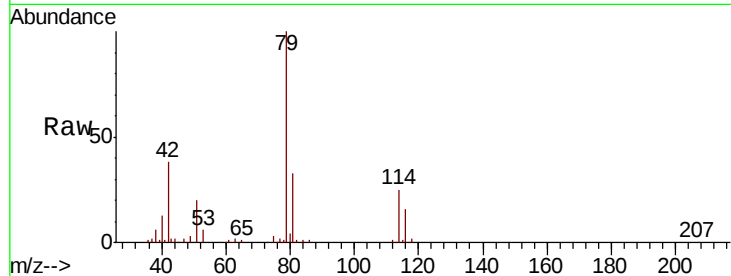


#39

cis-1,3-Dichloropropene
Concen: 0.651 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU029934.D
Acq: 09 Mar 2019 20:44

Instrument :
MSVOA_U
ClientSampleId :
BF2L4

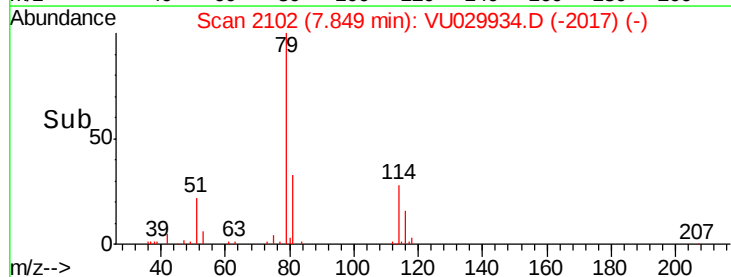
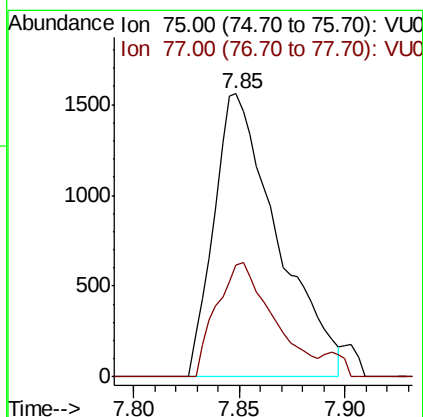
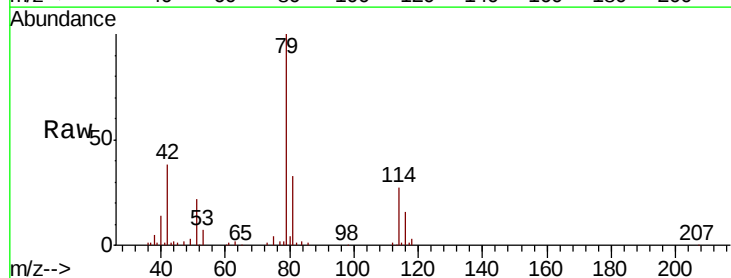
Tgt Ion: 75 Resp: 3900
Ion Ratio Lower Upper
75 100
77 51.6 22.5 41.9#

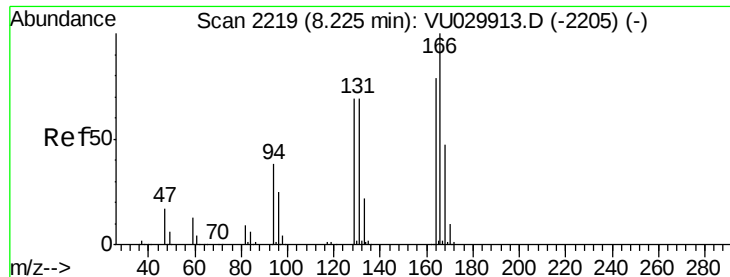


#44

trans-1,3-Dichloropropene
Concen: 0.611 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029934.D
Acq: 09 Mar 2019 20:44

Tgt Ion: 75 Resp: 3261
Ion Ratio Lower Upper
75 100
77 39.6 21.8 40.6





#46

Tetrachloroethene

Concen: 4.969 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU029934.D

Acq: 09 Mar 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

BF2L4

Tgt Ion:164 Resp: 17415

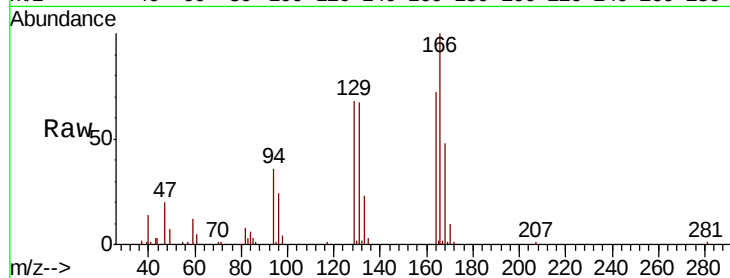
Ion Ratio Lower Upper

164 100

129 94.0 61.0 113.2

131 93.5 60.5 112.3

166 139.2 88.3 163.9

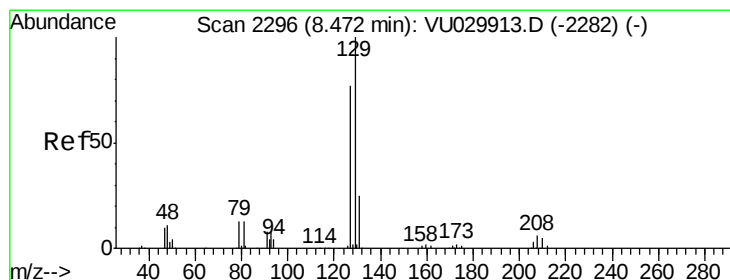
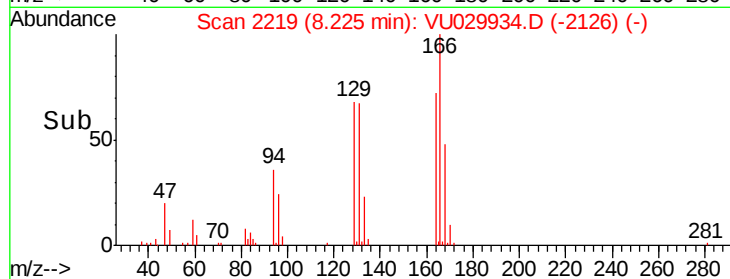
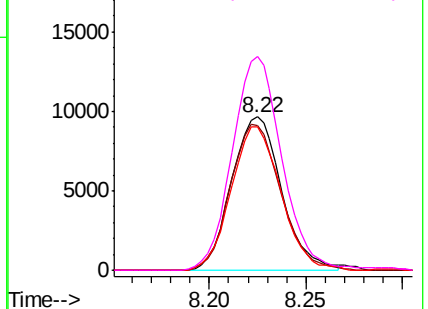


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.806 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU029934.D

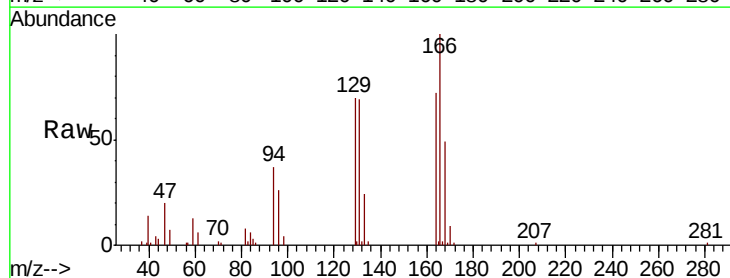
Acq: 09 Mar 2019 20:44

Tgt Ion:129 Resp: 16639

Ion Ratio Lower Upper

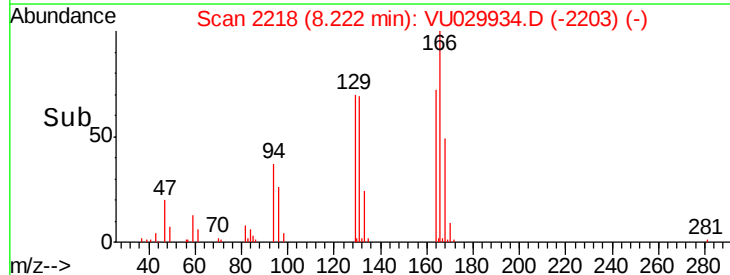
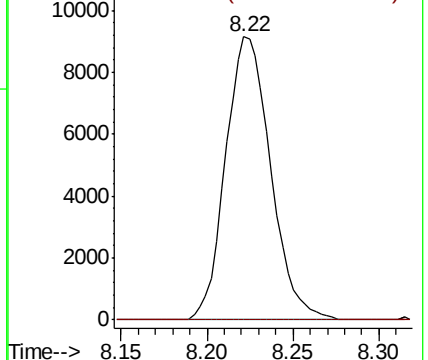
129 100

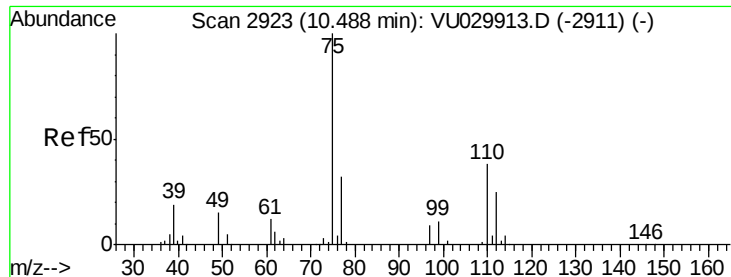
127 0.0 54.3 100.8#



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: 5.538 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029934.D

Acq: 09 Mar 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 28886

Ion Ratio Lower Upper

75 100

77 36.6 26.1 39.1

