

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029935.D
 Acq On : 09 Mar 2019 21:07
 Operator : JC/SP
 Sample : K1818-08
 Misc : 5.54g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q8

Quant Time: Mar 11 02:26:57 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	579263	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	287682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141085	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.84%
7) Chloroethane-d5	1.64	69	58117	19.56	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.12%#
11) 1,1-Dichloroethene-d2	2.23	63	196149	29.44	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.88%#
21) 2-Butanone-d5	4.19	46	230016	84.00	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.00%
24) Chloroform-d	4.64	84	262427	38.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.30%
26) 1,2-Dichloroethane-d4	5.30	65	166679	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
32) Benzene-d6	5.33	84	581368	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.30%
36) 1,2-Dichloropropane-d6	6.32	67	179745	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.22%
41) Toluene-d8	7.56	98	533710	38.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.78%#
43) trans-1,3-Dichloropropene-	7.85	79	82086	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.54%
47) 2-Hexanone-d5	8.32	63	206071	88.67	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	297465	43.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	228111	40.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.86%

Target Compounds

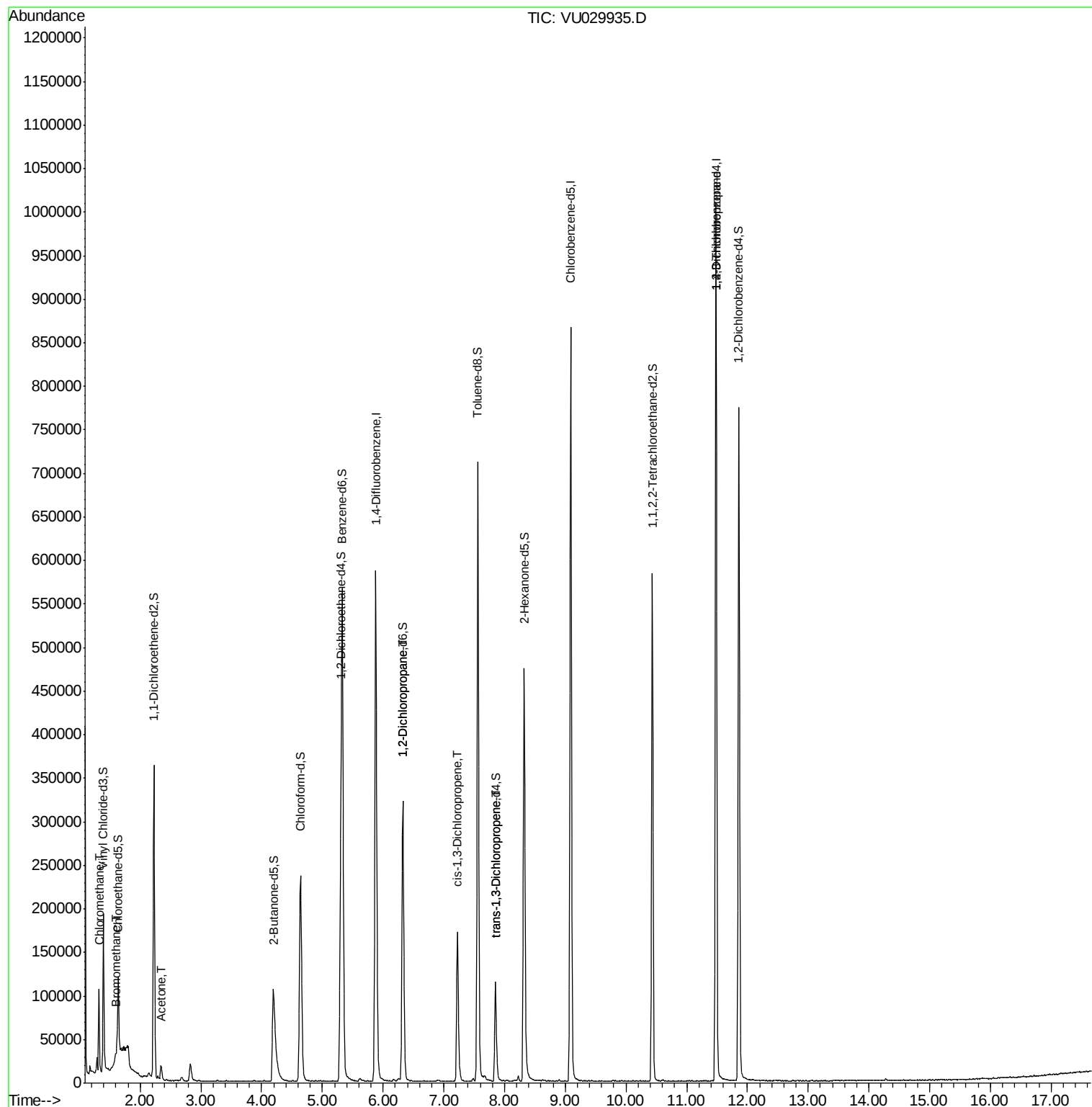
					Qvalue
3) Chloromethane	1.32	50	68776	11.762	ug/L 99
6) Bromomethane	1.60	94	3216	2.678	ug/L 96
13) Acetone	2.35	43	2253	0.754	ug/L 79
37) 1,2-Dichloropropane	6.33	63	17766	4.447	ug/L # 87
39) cis-1,3-Dichloropropene	7.22	75	4375	0.720	ug/L # 69
44) trans-1,3-Dichloropropene	7.85	75	3033	0.560	ug/L # 68
59) 1,2,3-Trichloropropane	11.48	75	28955	5.468	ug/L 96

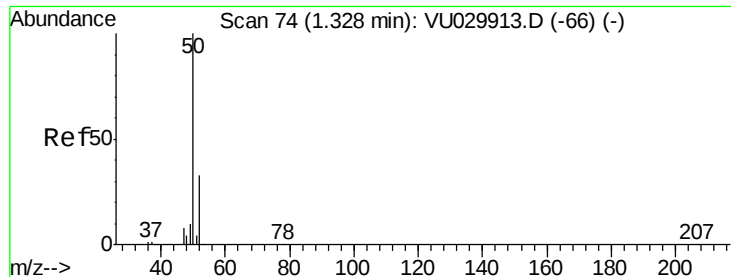
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 11.762 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.01 min

Lab File: VU029935.D

Acq: 09 Mar 2019 21:07

Instrument :

MSVOA_U

ClientSampleId :

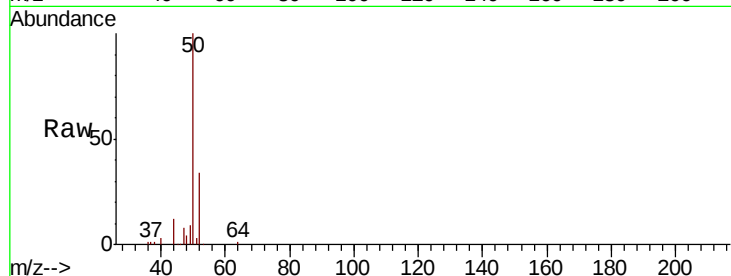
BF0Q8

Tgt Ion: 50 Resp: 68776

Ion Ratio Lower Upper

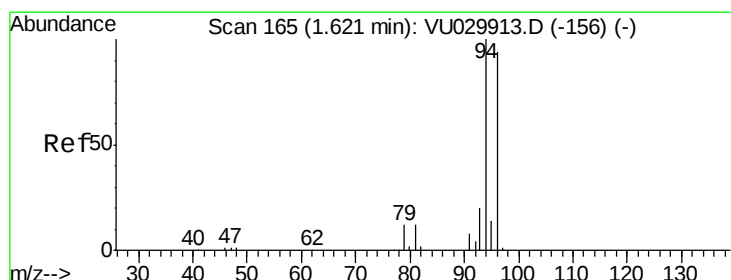
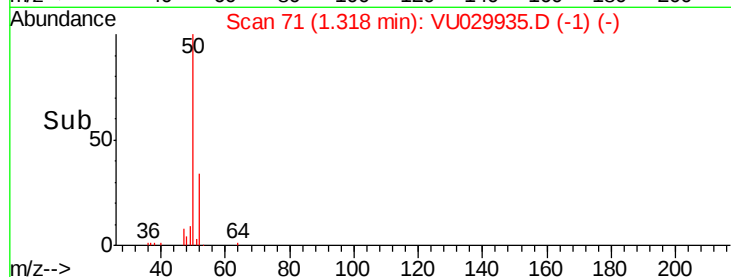
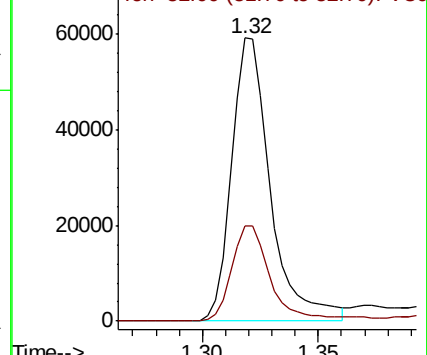
50 100

52 33.5 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: 2.678 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029935.D

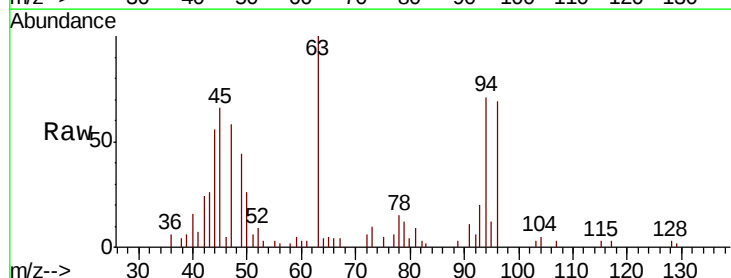
Acq: 09 Mar 2019 21:07

Tgt Ion: 94 Resp: 3216

Ion Ratio Lower Upper

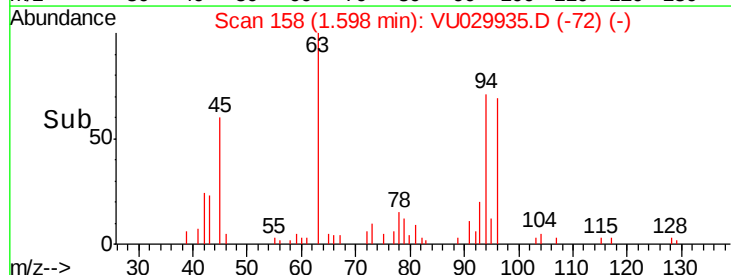
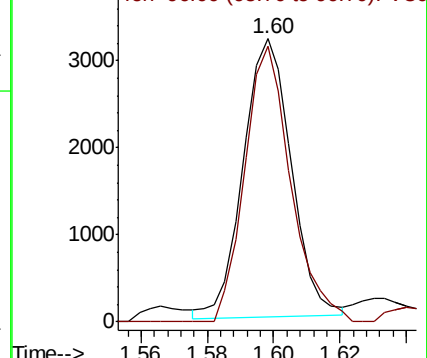
94 100

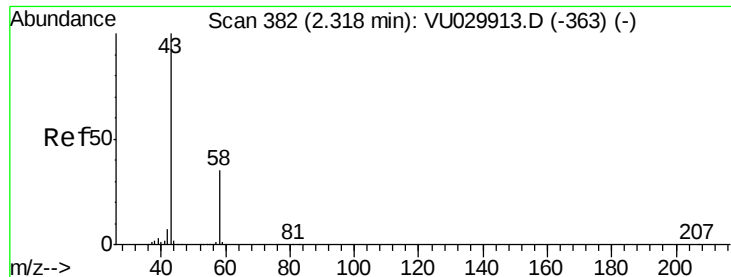
96 97.3 65.7 121.9



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0





#13

Acetone

Concen: 0.754 ug/L

RT: 2.35 min Scan# 393

Delta R.T. 0.04 min

Lab File: VU029935.D

Acq: 09 Mar 2019 21:07

Instrument :

MSVOA_U

ClientSampled :

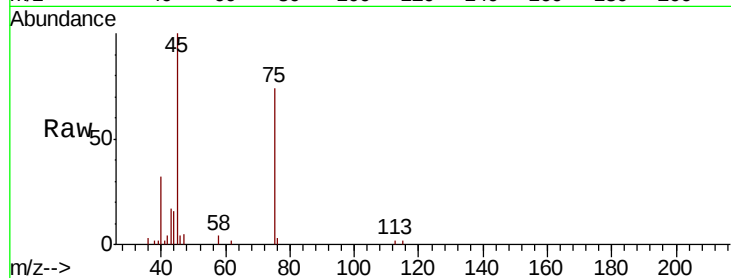
BF0Q8

Tgt Ion: 43 Resp: 2253

Ion Ratio Lower Upper

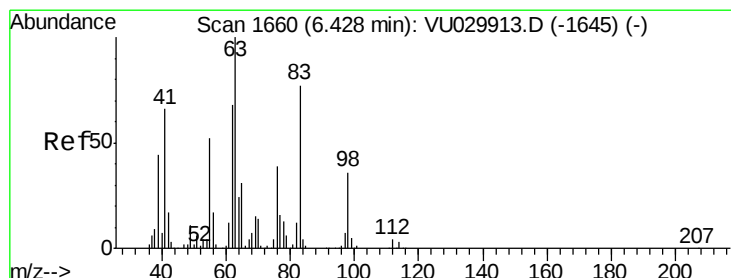
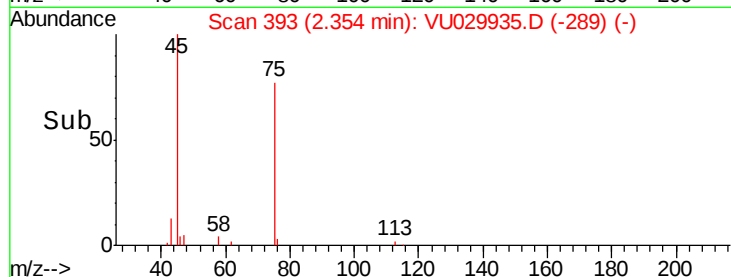
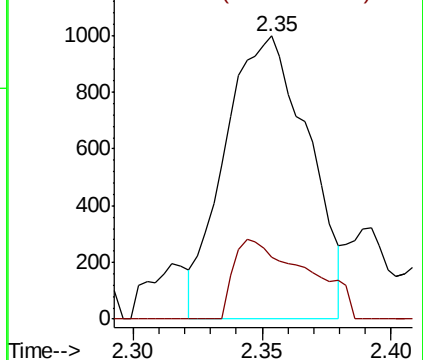
43 100

58 22.6 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 4.447 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029935.D

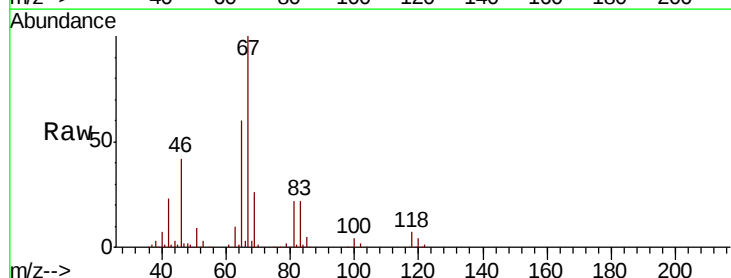
Acq: 09 Mar 2019 21:07

Tgt Ion: 63 Resp: 17766

Ion Ratio Lower Upper

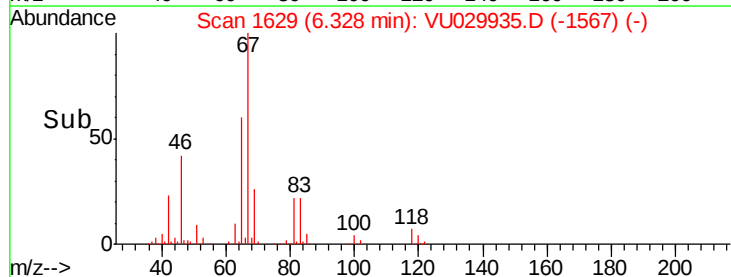
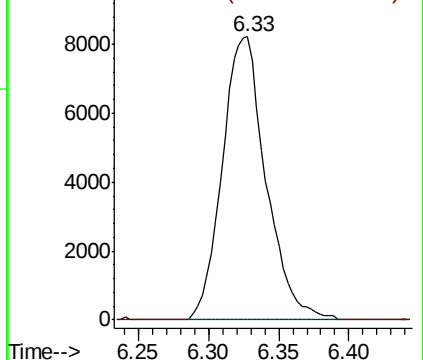
63 100

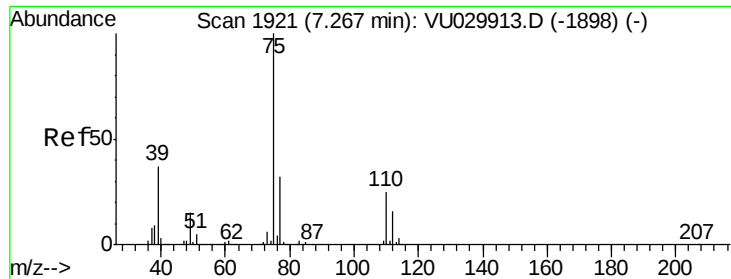
112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

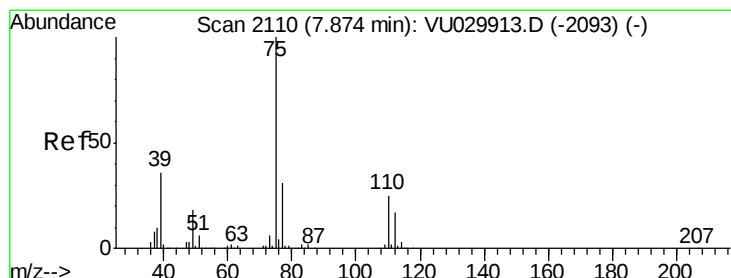
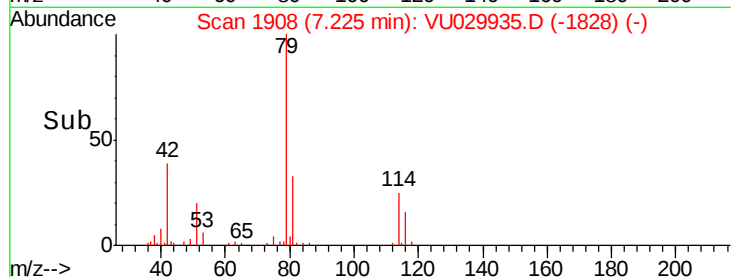
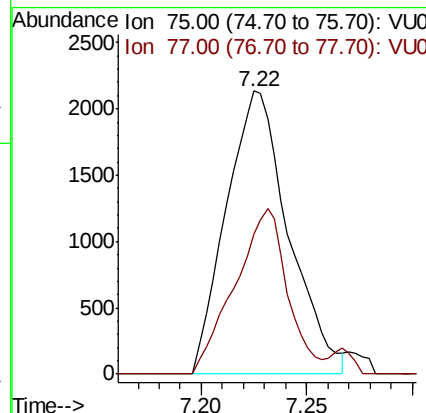
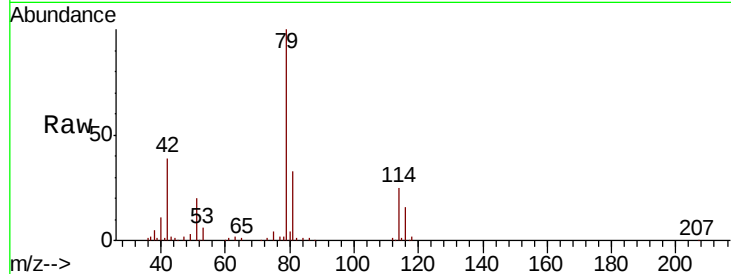




#39
 cis-1,3-Dichloropropene
 Concen: 0.720 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029935.D
 Acq: 09 Mar 2019 21:07

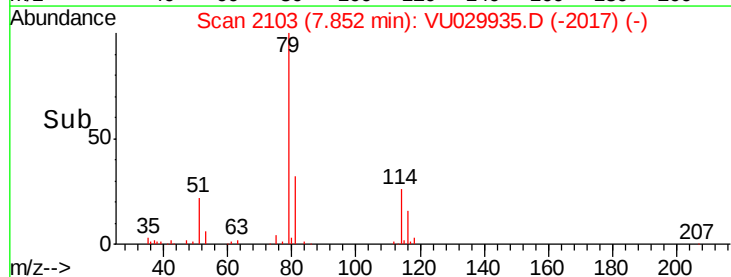
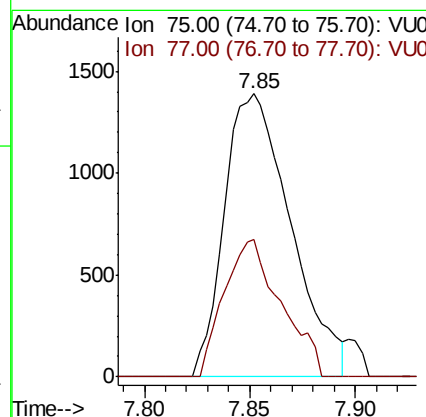
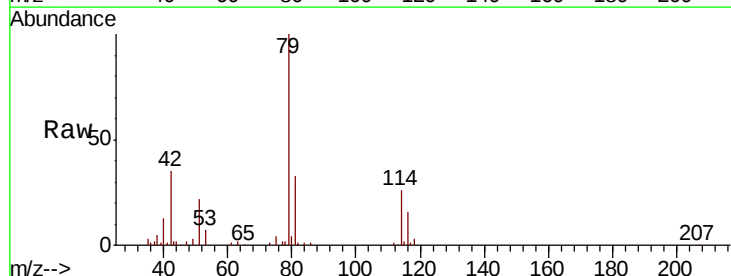
Instrument :
 MSVOA_U
 ClientSampleId :
 BF0Q8

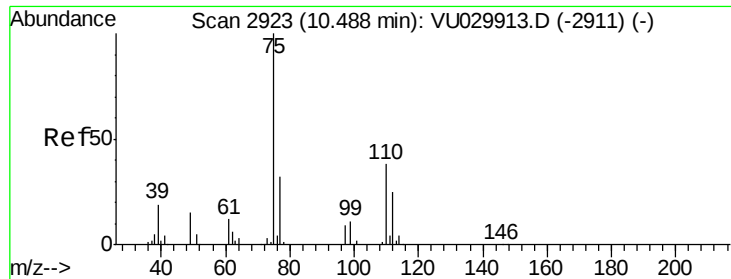
Tgt Ion: 75 Resp: 4375
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.560 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU029935.D
 Acq: 09 Mar 2019 21:07

Tgt Ion: 75 Resp: 3033
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 5.468 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029935.D

Acq: 09 Mar 2019 21:07

Instrument :

MSVOA_U

ClientSampleId :

BF0Q8

Tgt Ion: 75 Resp: 28955

Ion Ratio Lower Upper

75 100

77 34.9 26.1 39.1

