

Data File : VU030069.D
Acq On : 14 Mar 2019 13:16
Operator : JC/SP
Sample : K1838-13DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B2DL

Quant Time: Mar 15 01:26:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 01:21:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470748	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	457850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	152044	48.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.66%
7) Chloroethane-d5	1.68	69	121323	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.27	63	203487	36.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.42%
21) 2-Butanone-d5	4.17	46	209538	89.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.82%
24) Chloroform-d	4.65	84	256468	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.31	65	154134	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
32) Benzene-d6	5.34	84	564641	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.33	67	173802	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.56	98	514227	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	77660	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.31	63	179336	88.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	248320	44.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	206035	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

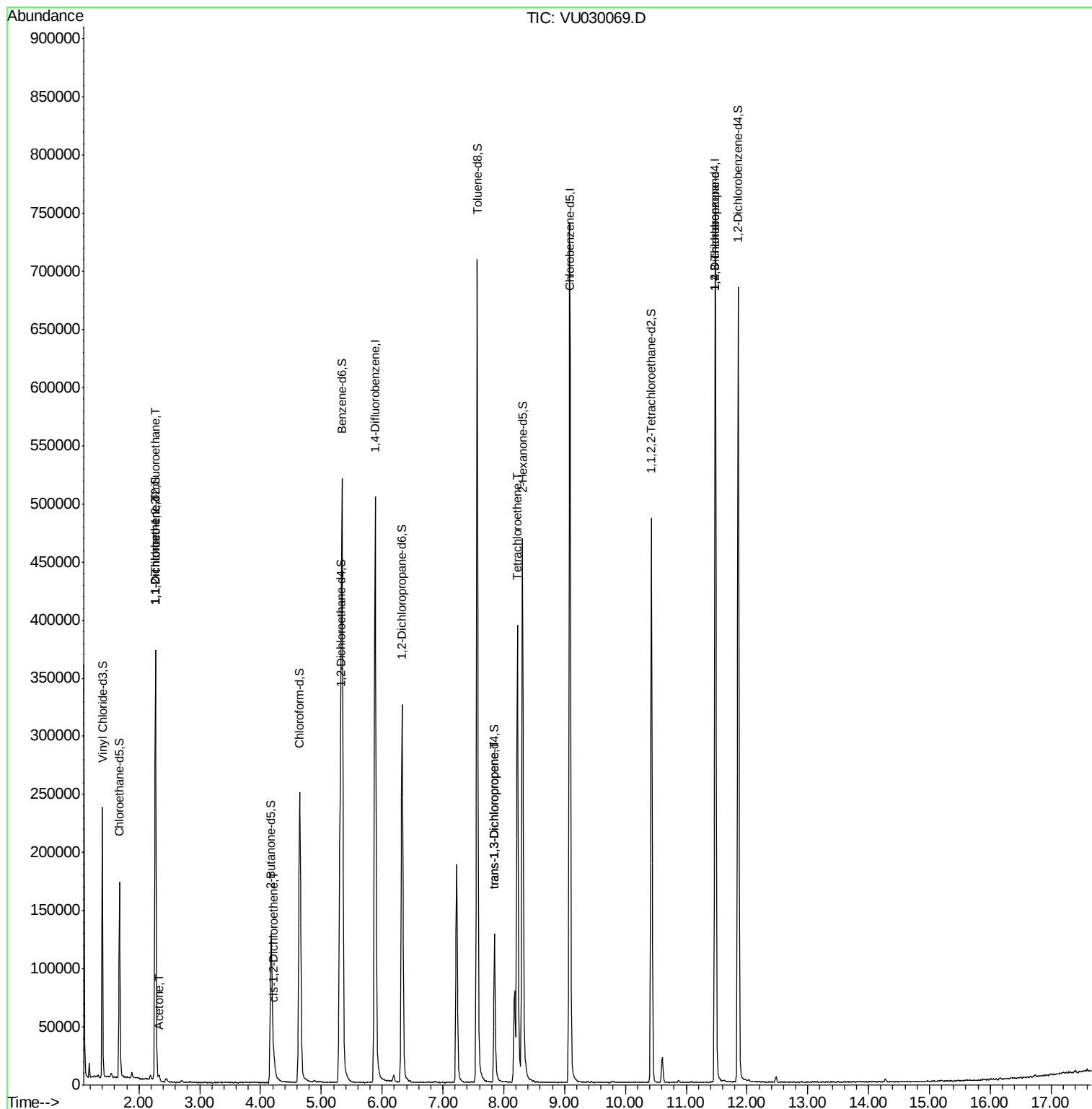
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2354	0.761 ug/L #	19
12) 1,1-Dichloroethene	2.28	96	2614	0.886 ug/L #	1
13) Acetone	2.32	43	2372	0.870 ug/L	81
20) cis-1,2-Dichloroethene	4.22	96	5422	1.482 ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	3031	0.619 ug/L	98
46) Tetrachloroethene	8.22	164	95628	31.823 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	23065	5.139 ug/L	99

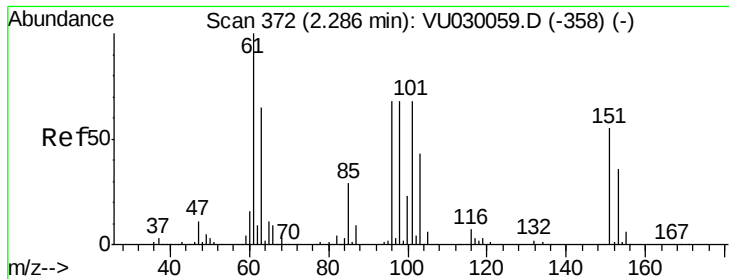
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.761 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030069.D

Acq: 14 Mar 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

BF1B2DL

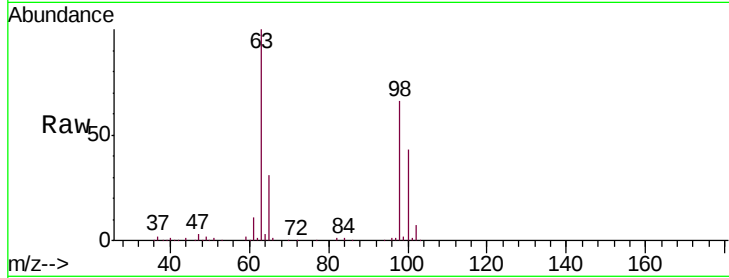
Tgt Ion:101 Resp: 2354

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

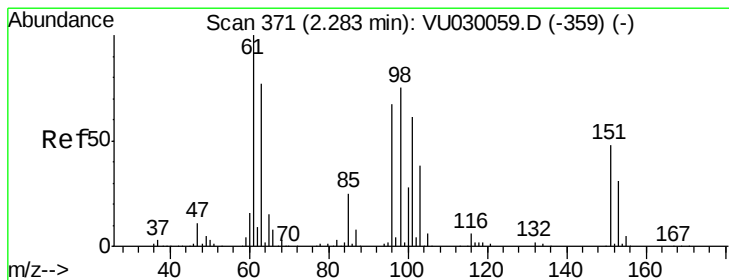
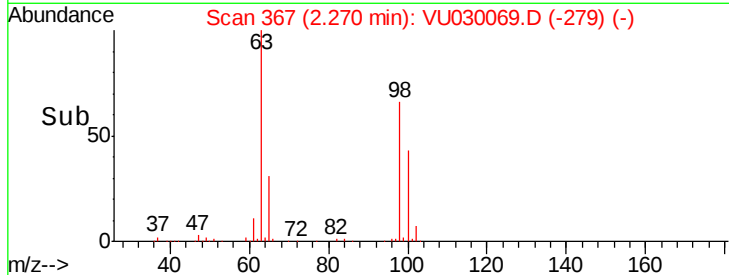
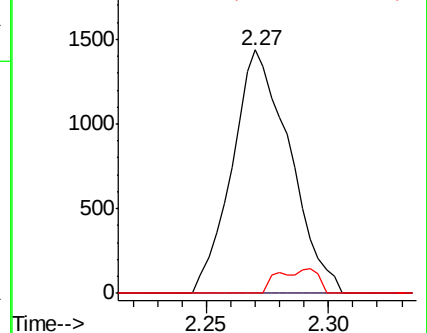
151 2.8 66.1 99.1#



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



#12

1,1-Dichloroethene

Concen: 0.886 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU030069.D

Acq: 14 Mar 2019 13:16

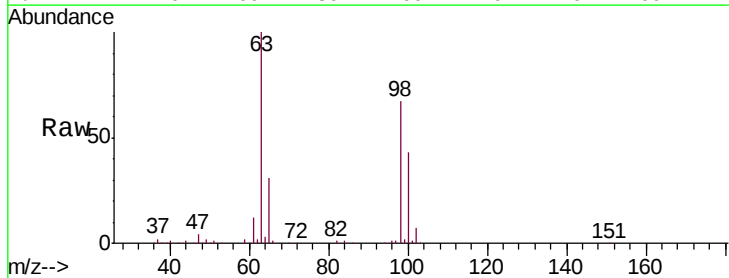
Tgt Ion: 96 Resp: 2614

Ion Ratio Lower Upper

96 100

61 960.5 110.4 205.0#

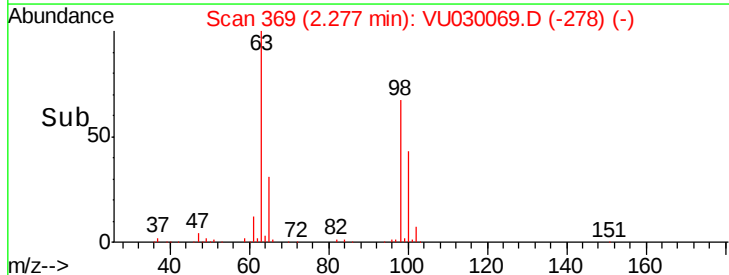
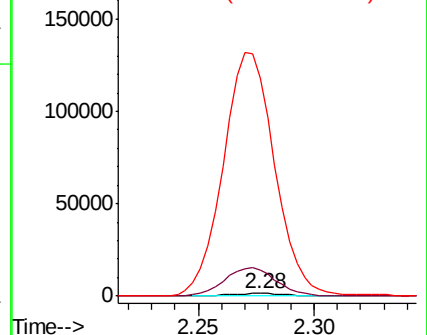
63 7982.7 86.5 160.7#

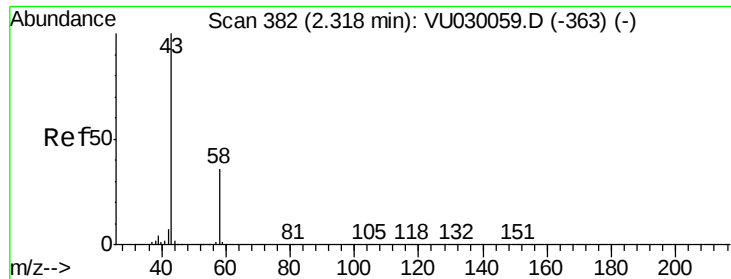


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.870 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030069.D

Acq: 14 Mar 2019 13:16

Instrument :

MSVOA_U

ClientSampled :

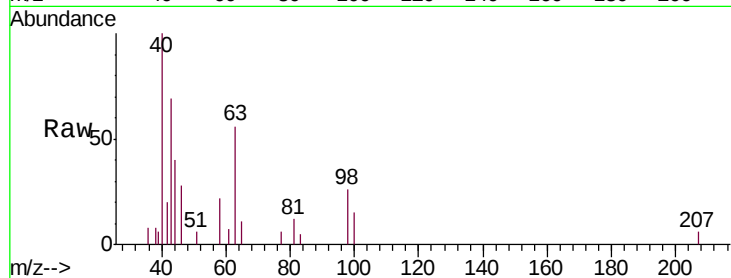
BF1B2DL

Tgt Ion: 43 Resp: 2372

Ion Ratio Lower Upper

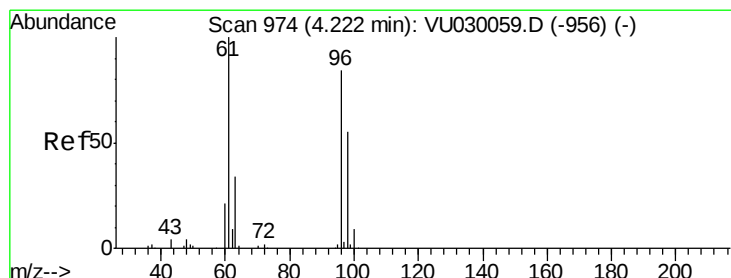
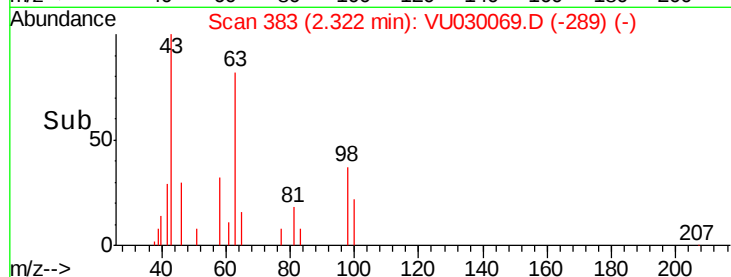
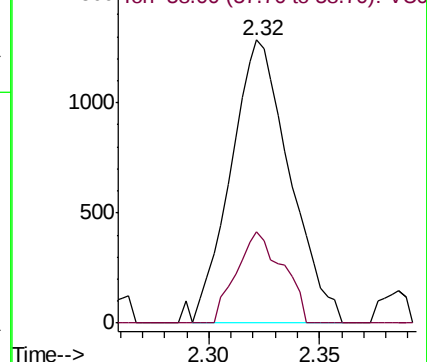
43 100

58 25.4 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030059.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU030059.D (-363) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.482 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030069.D

Acq: 14 Mar 2019 13:16

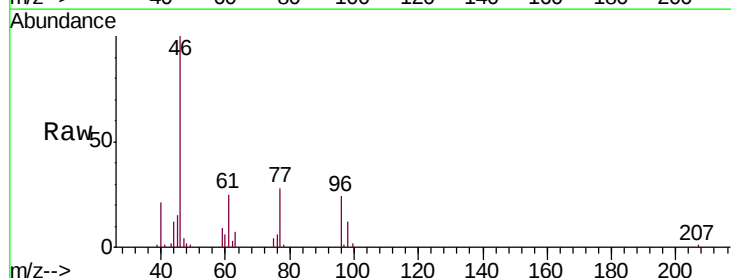
Tgt Ion: 96 Resp: 5422

Ion Ratio Lower Upper

96 100

61 104.6 80.8 150.2

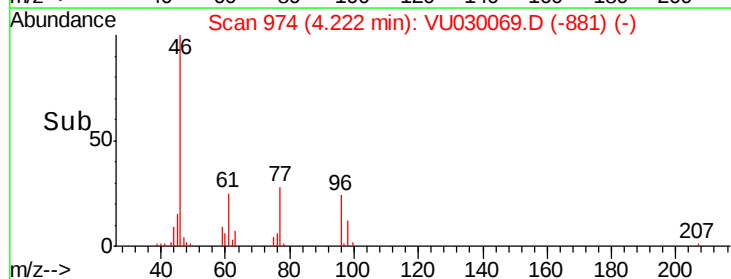
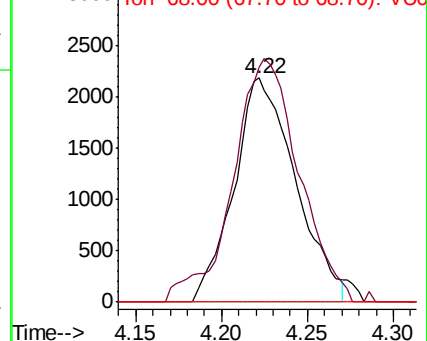
68 0.0 0.0 0.0

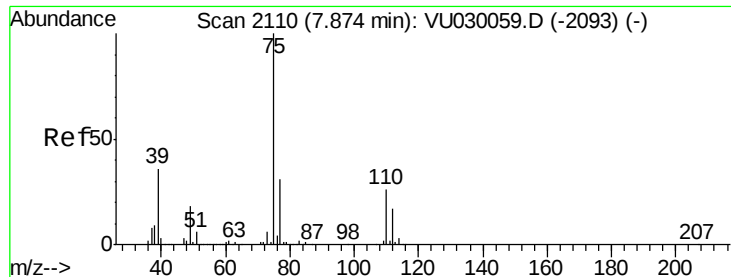


Abundance Ion 96.00 (95.70 to 96.70): VU030059.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030059.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030059.D (-956) (-)

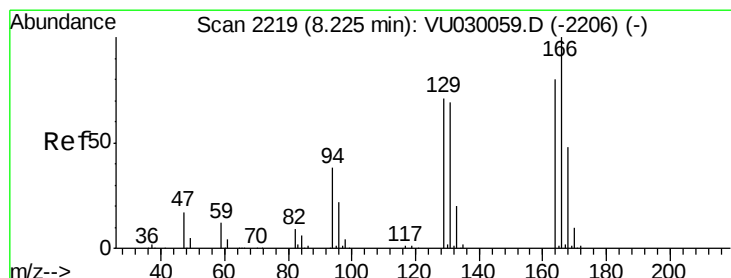
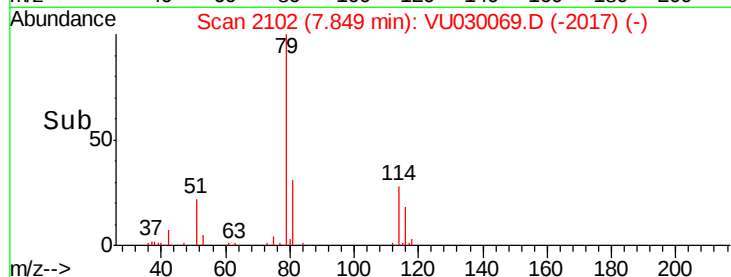
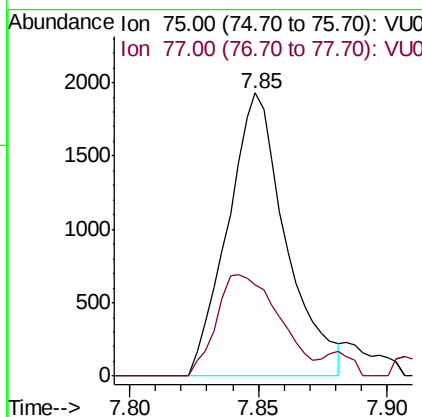
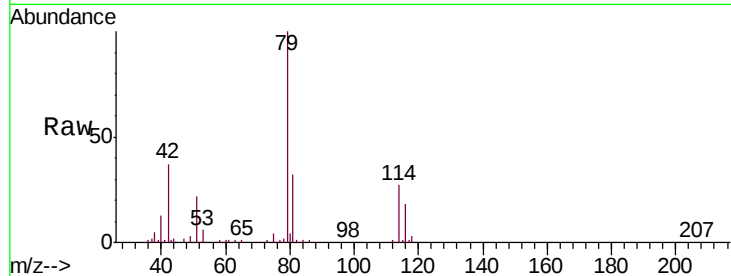




#44
trans-1,3-Dichloropropene
Concen: 0.619 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU030069.D
Acq: 14 Mar 2019 13:16

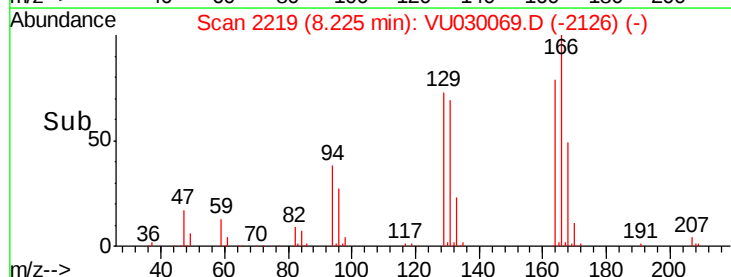
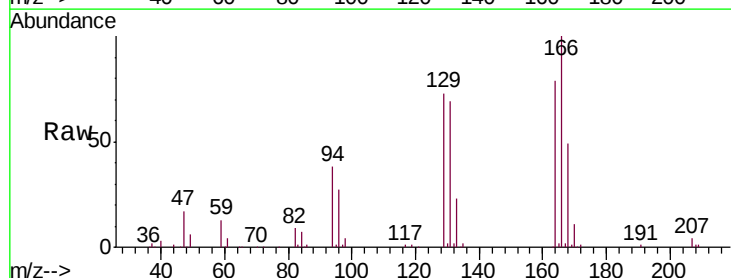
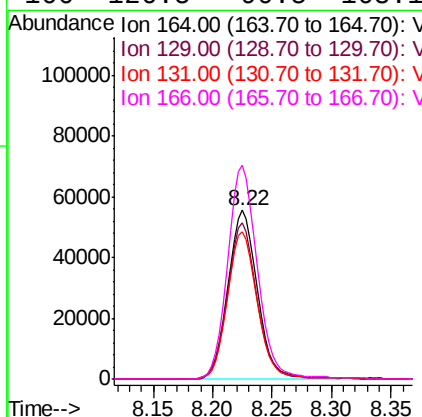
Instrument :
MSVOA_U
ClientSampleId :
BF1B2DL

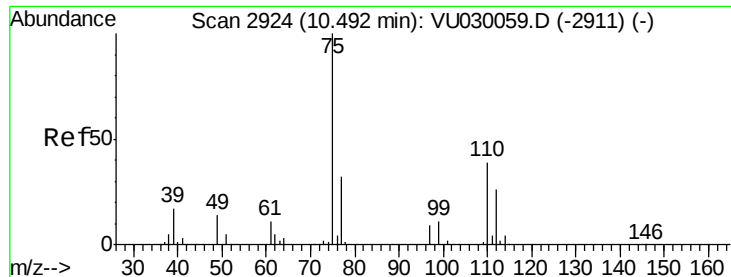
Tgt Ion: 75 Resp: 3031
Ion Ratio Lower Upper
75 100
77 32.5 21.9 40.7



#46
Tetrachloroethene
Concen: 31.823 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030069.D
Acq: 14 Mar 2019 13:16

Tgt Ion: 164 Resp: 95628
Ion Ratio Lower Upper
164 100
129 92.4 63.3 117.7
131 87.2 62.0 115.2
166 126.5 90.5 168.1





#59
 1,2,3-Trichloropropane
 Concen: 5.139 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030069.D
 Acq: 14 Mar 2019 13:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B2DL

Tgt Ion: 75 Resp: 23065
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.8

