

Data File : VU029636.D
Acq On : 22 Feb 2019 21:39
Operator : JC/SP
Sample : K1581-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB627

Quant Time: Feb 22 23:12:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 23:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	482417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	459388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231204	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	130364	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.76%
7) Chloroethane-d5	1.68	69	121417	38.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.28%
11) 1,1-Dichloroethene-d2	2.27	63	186741	27.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.06%#
21) 2-Butanone-d5	4.17	46	227564	105.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.78%
24) Chloroform-d	4.65	84	258792	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	5.31	65	169013	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.34	84	546052	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
36) 1,2-Dichloropropane-d6	6.33	67	172666	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.56	98	506335	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%
43) trans-1,3-Dichloropropene-	7.85	79	78898	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.54%
47) 2-Hexanone-d5	8.31	63	192333	99.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	275246	46.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	224379	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%

Target Compounds

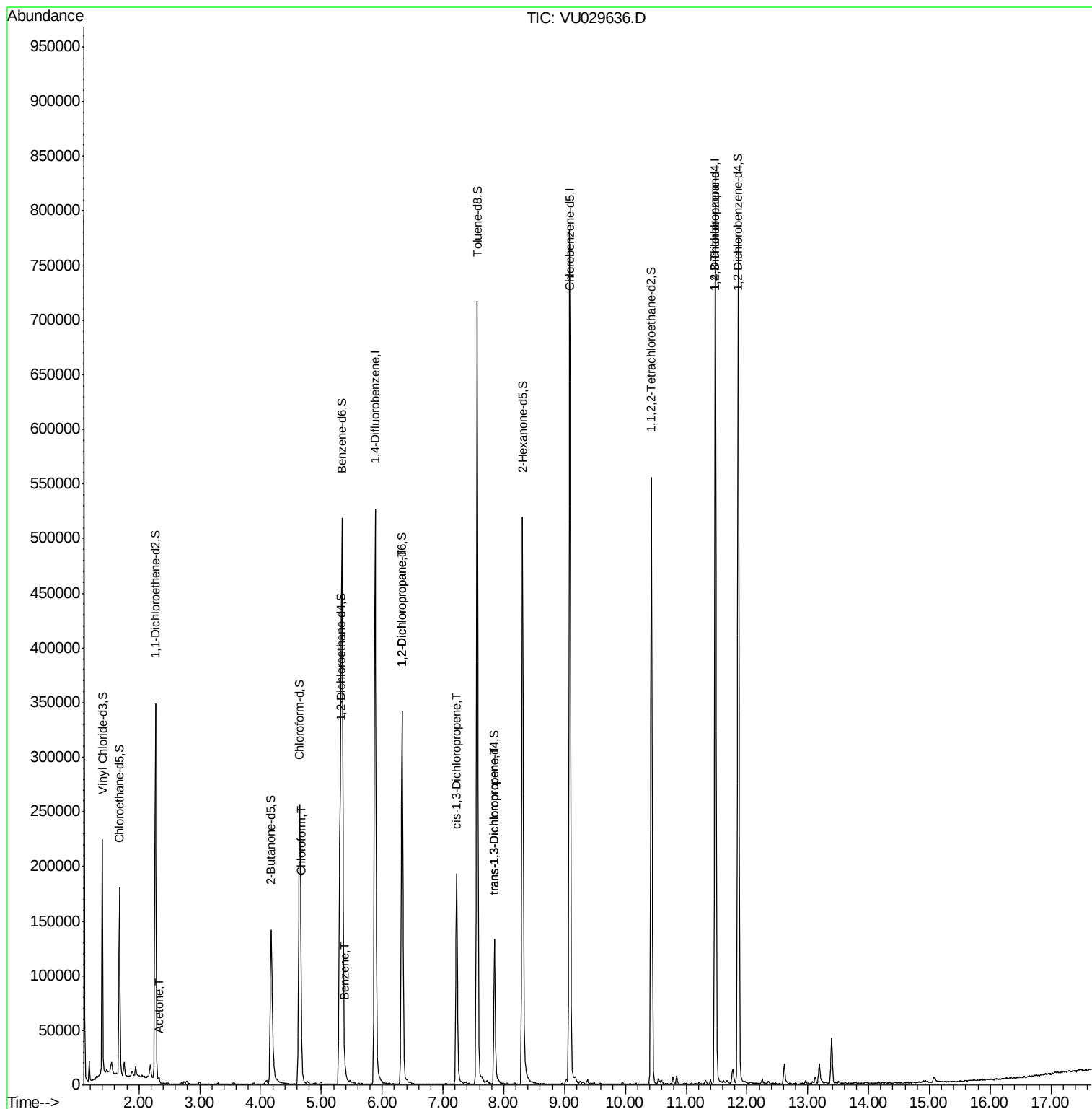
					Qvalue
13) Acetone	2.32	43	2915	1.268 ug/L	90
25) Chloroform	4.67	83	10000	1.758 ug/L	94
33) Benzene	5.39	78	8439	0.717 ug/L	100
37) 1,2-Dichloropropane	6.33	63	18212	5.890 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	4441	0.890 ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	3215	0.684 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	22677	5.144 ug/L #	87

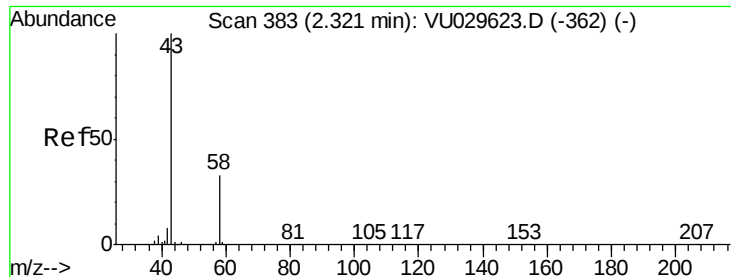
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.268 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 22 Feb 2019 21:39

Instrument :

MSVOA_U

ClientSampleId :

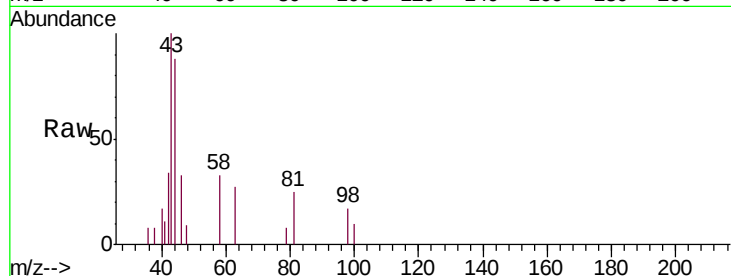
DB627

Tgt Ion: 43 Resp: 2915

Ion Ratio Lower Upper

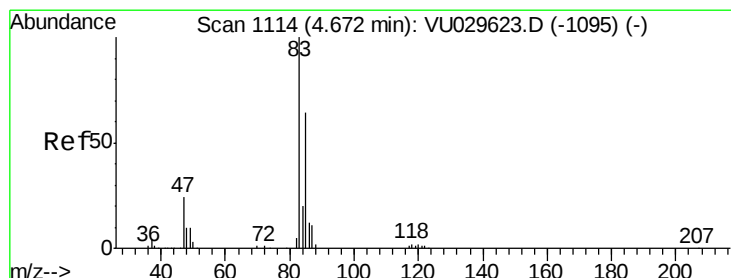
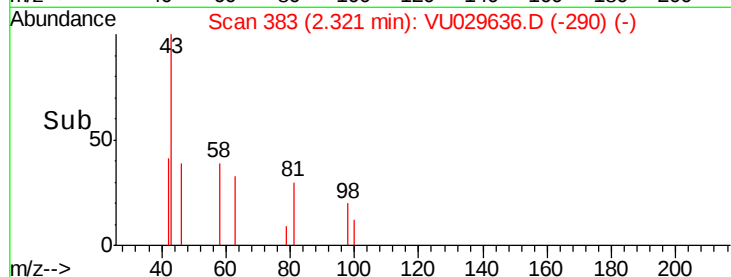
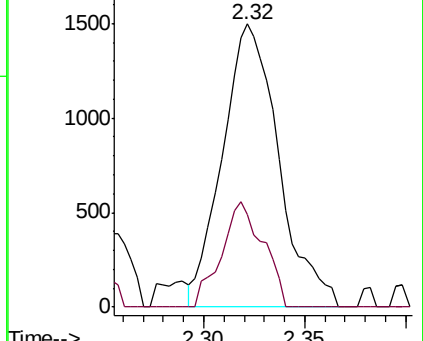
43 100

58 27.6 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 1.758 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

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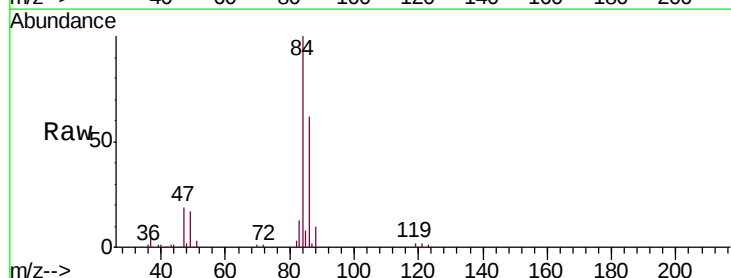
Acq: 22 Feb 2019 21:39

Tgt Ion: 83 Resp: 10000

Ion Ratio Lower Upper

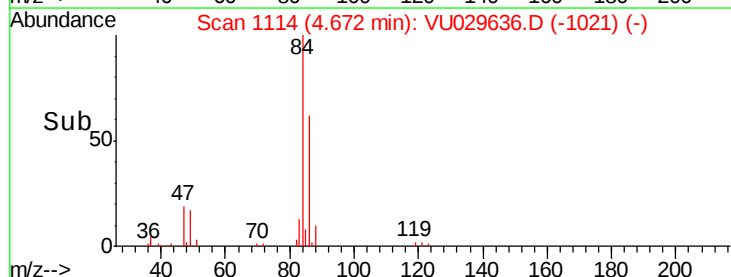
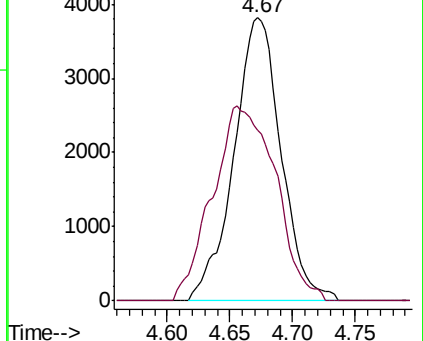
83 100

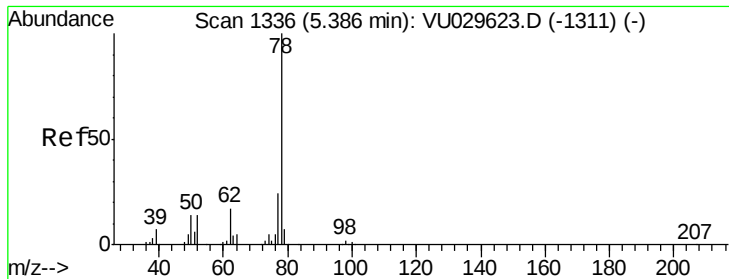
85 60.3 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#33

Benzene

Concen: 0.717 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029636.D

Acq: 22 Feb 2019 21:39

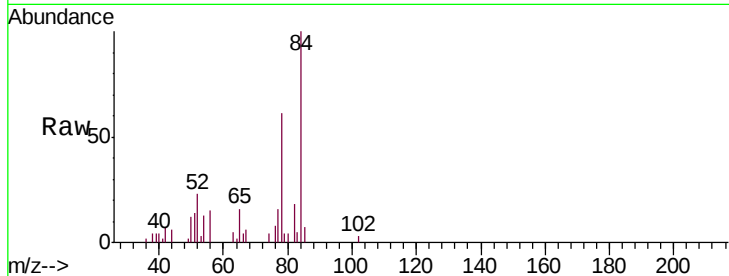
Instrument :

MSVOA_U

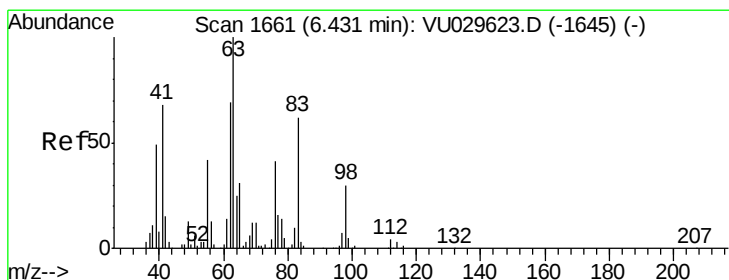
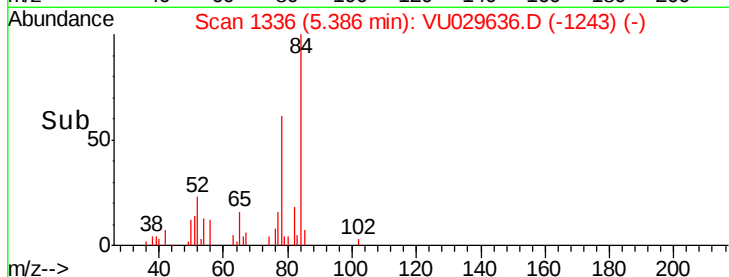
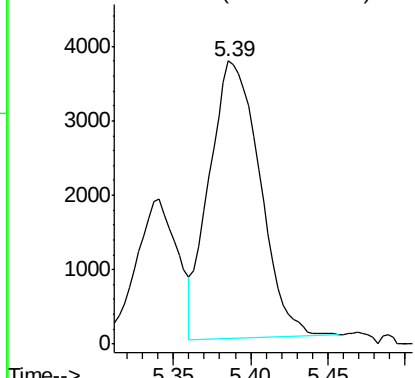
ClientSampled :

DB627

Tgt Ion: 78 Resp: 8439



Abundance Ion 78.00 (77.70 to 78.70): VU0



#37

1,2-Dichloropropane

Concen: 5.890 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029636.D

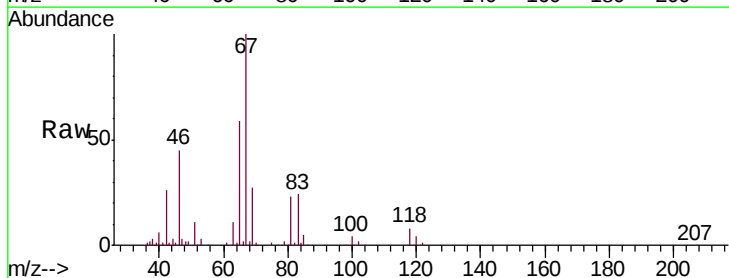
Acq: 22 Feb 2019 21:39

Tgt Ion: 63 Resp: 18212

Ion Ratio Lower Upper

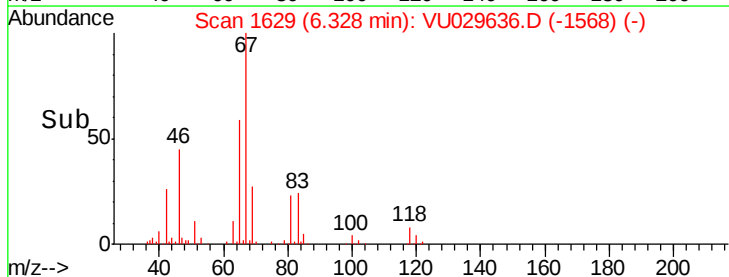
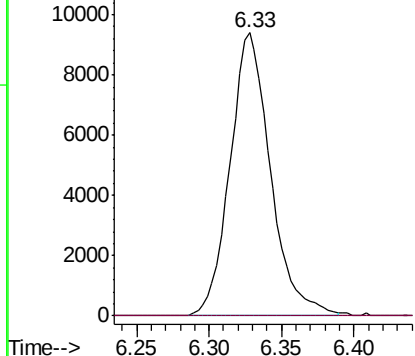
63 100

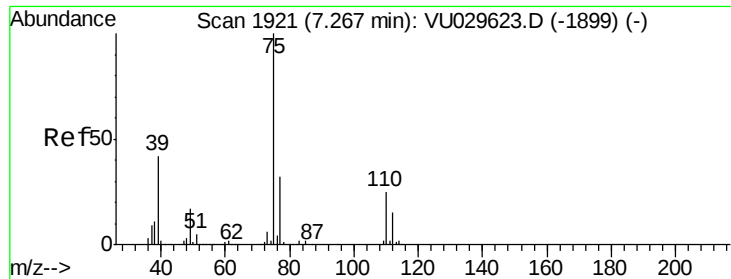
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

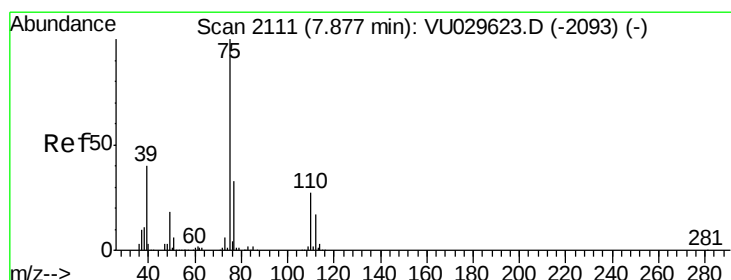
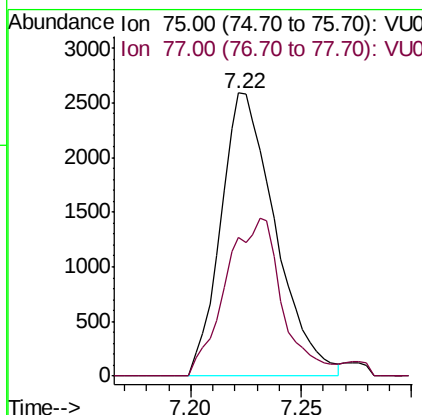
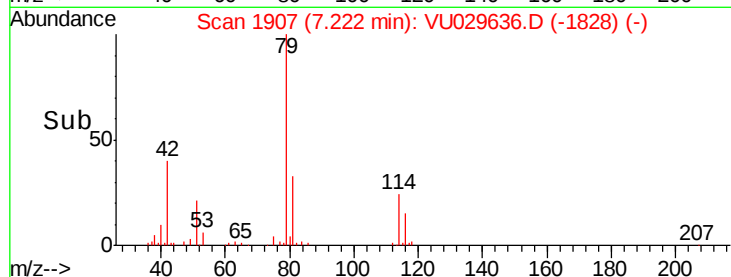
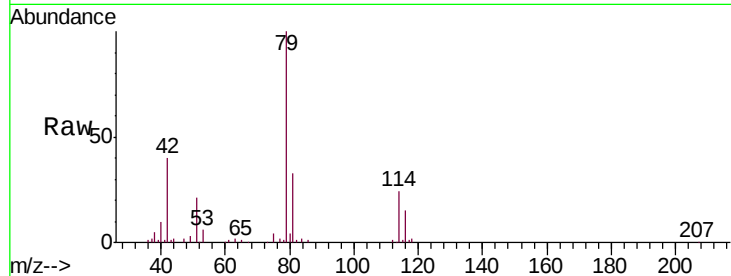




#39
 cis-1,3-Dichloropropene
 Concen: 0.890 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU029636.D
 Acq: 22 Feb 2019 21:39

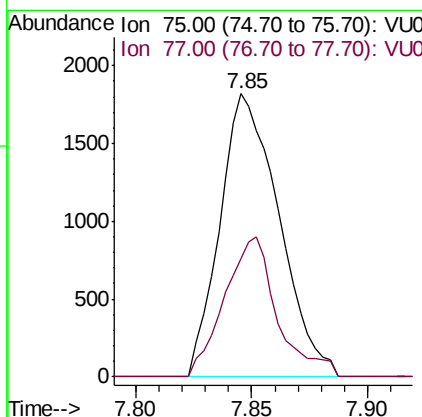
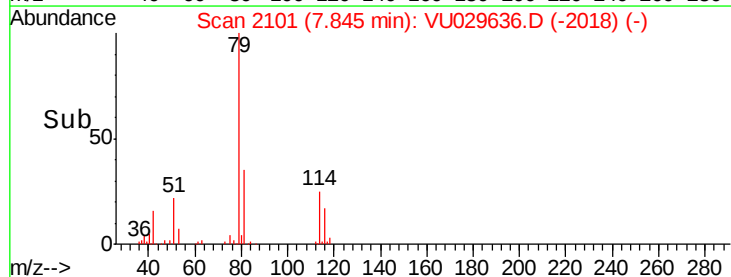
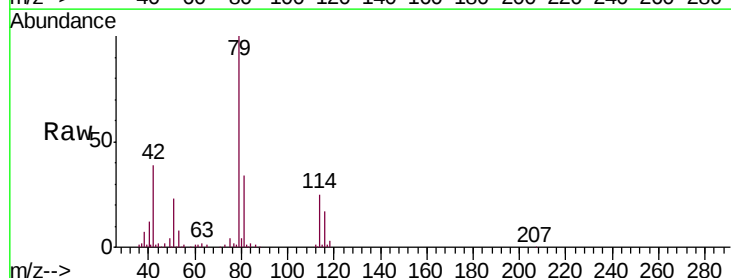
Instrument :
 MSVOA_U
 ClientSampleId :
 DB627

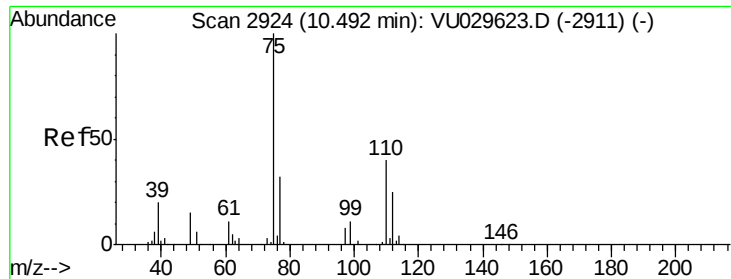
Tgt Ion: 75 Resp: 4441
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.684 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU029636.D
 Acq: 22 Feb 2019 21:39

Tgt Ion: 75 Resp: 3215
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.144 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029636.D

Acq: 22 Feb 2019 21:39

Instrument :

MSVOA_U

ClientSampleId :

DB627

Tgt Ion: 75 Resp: 22677

Ion Ratio Lower Upper

75 100

77 39.3 25.7 38.5#

