

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062918\
 Data File : VU025075.D
 Acq On : 29 Jun 2018 17:27
 Operator : MD/SY
 Sample : J3766-09RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST9

Quant Time: Jun 29 23:43:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282928	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94912	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.34%
7) Chloroethane-d5	1.68	69	78948	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	154864	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
21) 2-Butanone-d5	4.18	46	187913	117.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.66%
24) Chloroform-d	4.65	84	203015	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	151406	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
32) Benzene-d6	5.35	84	409222	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
36) 1,2-Dichloropropane-d6	6.34	67	129974	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.14%
41) Toluene-d8	7.57	98	386521	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%
43) trans-1,3-Dichloropropene-	7.85	79	63851	51.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.00%
47) 2-Hexanone-d5	8.31	63	131859	116.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.85%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184901	52.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	151163	54.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.96%

Target Compounds

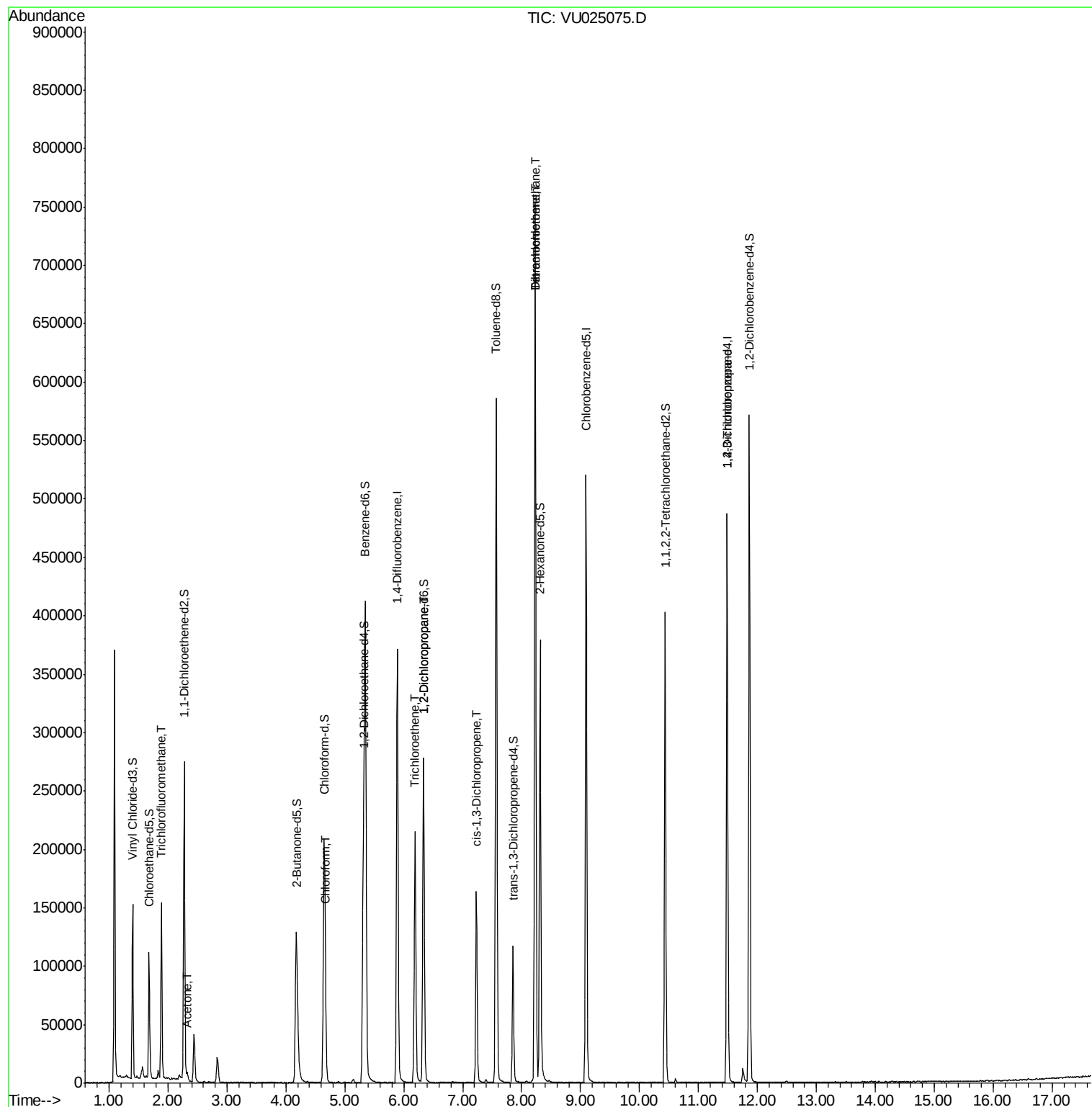
					Qvalue
9) Trichlorofluoromethane	1.89	101	90716	25.060 ug/L	98
13) Acetone	2.32	43	5979	3.642 ug/L	99
25) Chloroform	4.68	83	6845	1.587 ug/L	86
34) Trichloroethene	6.19	95	74035	32.436 ug/L	100
37) 1,2-Dichloropropane	6.34	63	14918	6.510 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	4646	1.280 ug/L #	73
46) Tetrachloroethene	8.23	164	168920	87.427 ug/L	99
49) Dibromochloromethane	8.23	129	158949	61.947 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	14500	4.881 ug/L	90

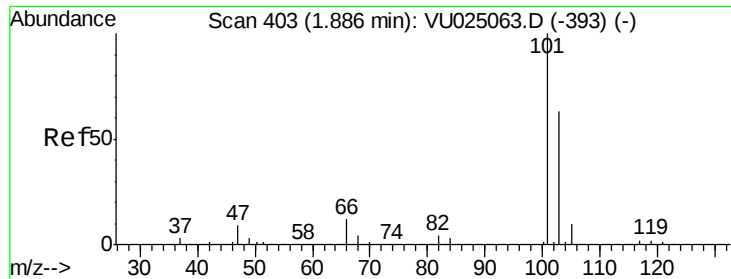
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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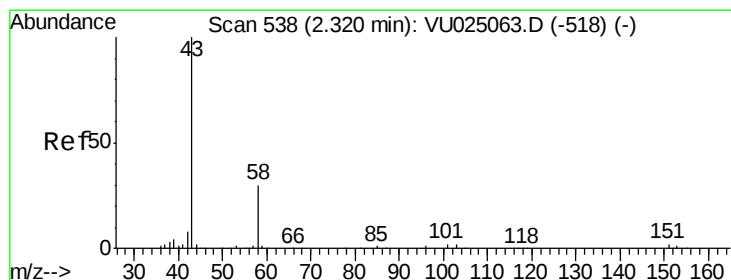
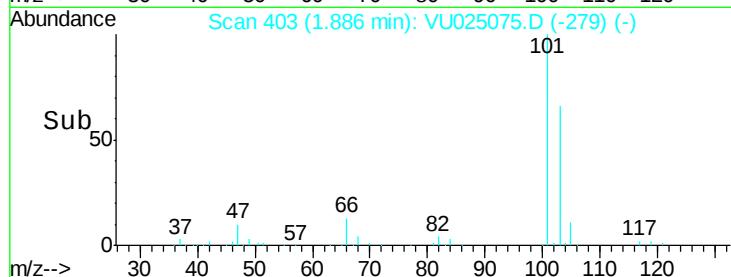
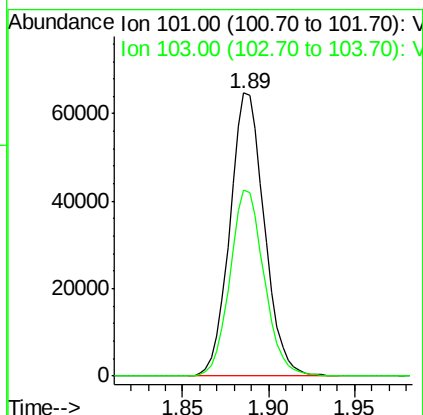
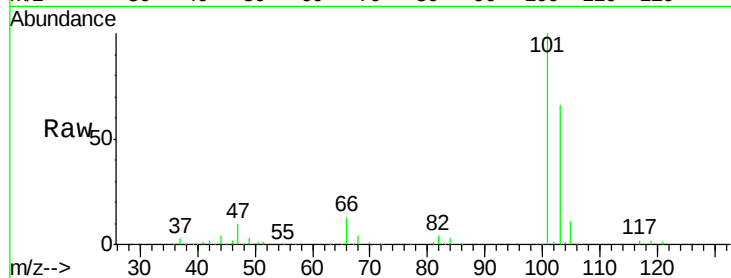


#9

Trichlorofluoromethane
 Concen: 25.060 ug/L
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025075.D
 Acq: 29 Jun 2018 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST9

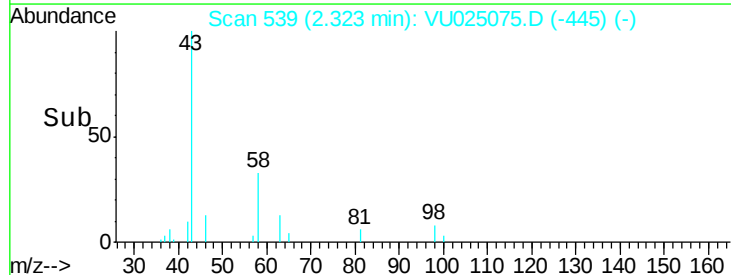
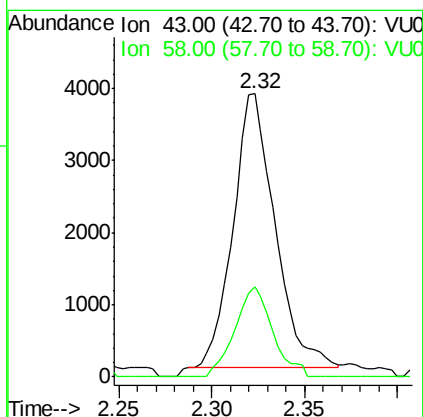
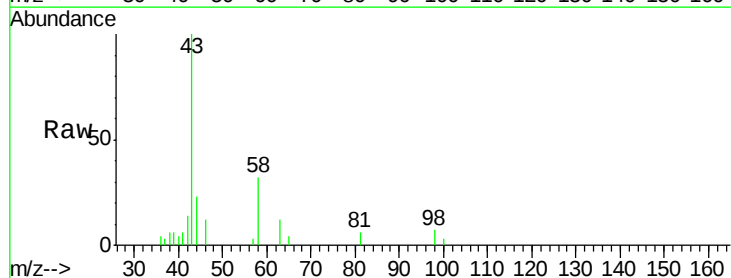
Tgt Ion:101 Resp: 90716
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.1 76.7

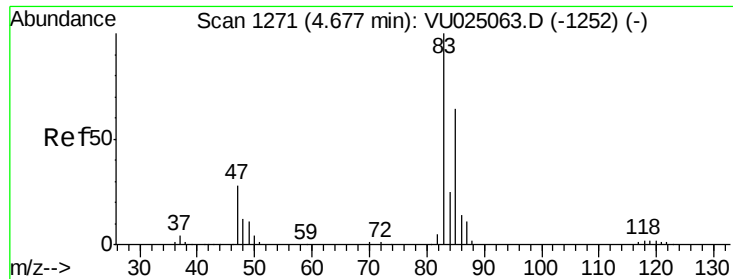


#13

Acetone
 Concen: 3.642 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025075.D
 Acq: 29 Jun 2018 17:27

Tgt Ion: 43 Resp: 5979
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 59.4

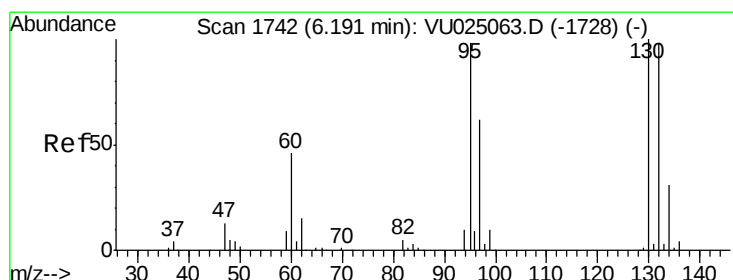
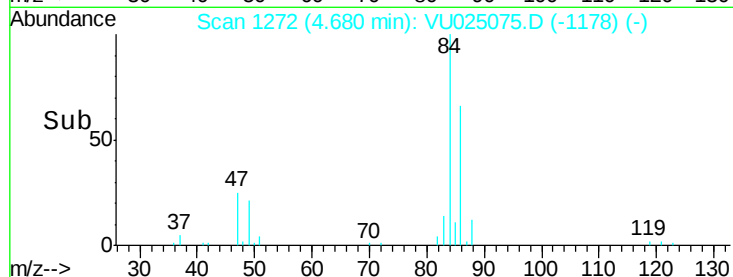
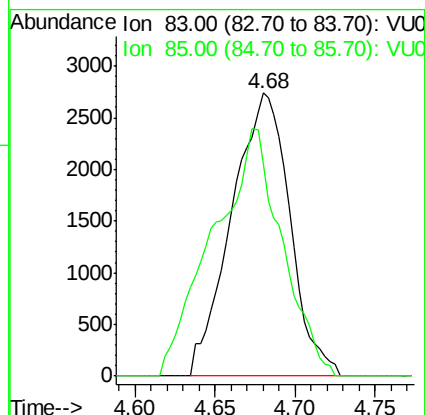
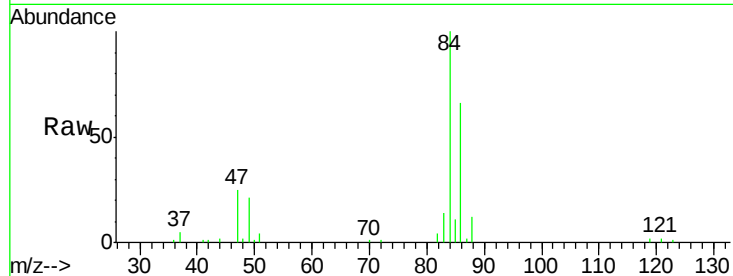




#25
Chloroform
Concen: 1.587 ug/L
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025075.D
Acq: 29 Jun 2018 17:27

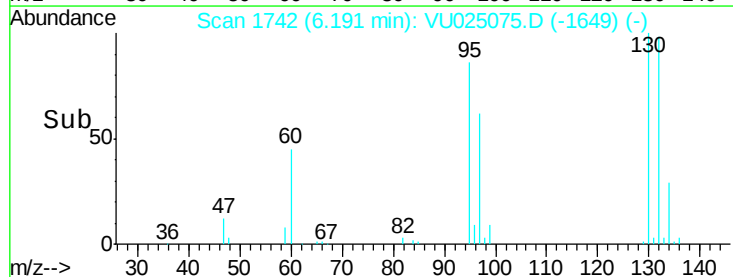
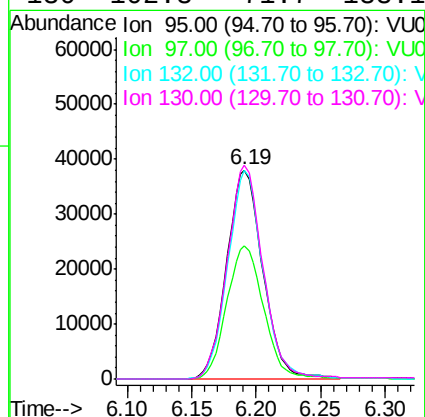
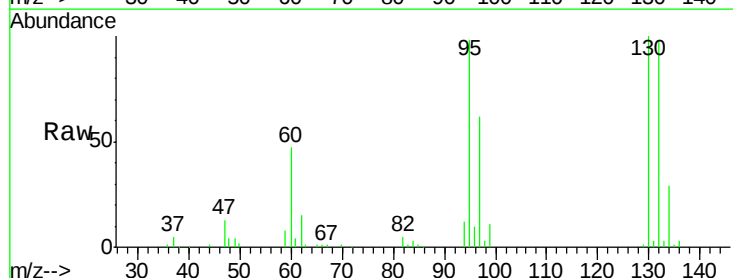
Instrument :
MSVOA_U
ClientSampleId :
C0ST9

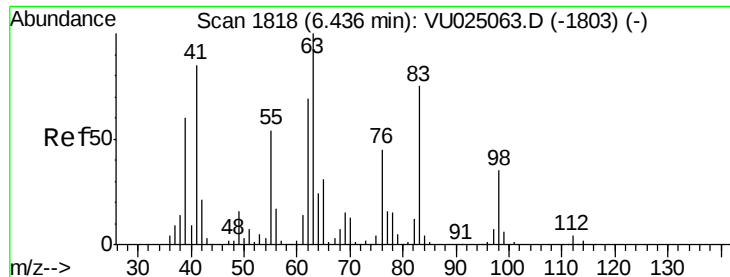
Tgt Ion: 83 Resp: 6845
Ion Ratio Lower Upper
83 100
85 74.7 44.7 83.1



#34
Trichloroethene
Concen: 32.436 ug/L
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU025075.D
Acq: 29 Jun 2018 17:27

Tgt Ion: 95 Resp: 74035
Ion Ratio Lower Upper
95 100
97 63.6 44.1 81.9
132 99.9 70.2 130.4
130 102.3 71.7 133.1

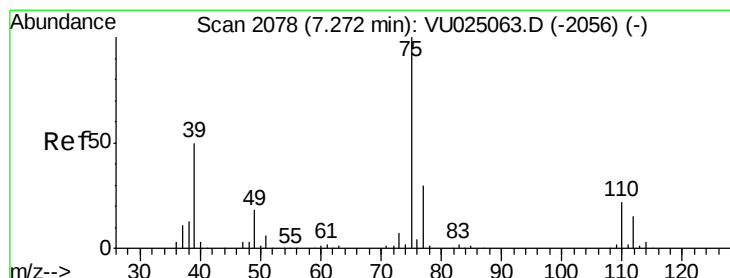
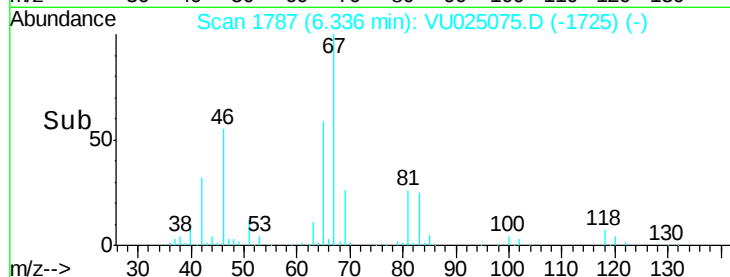
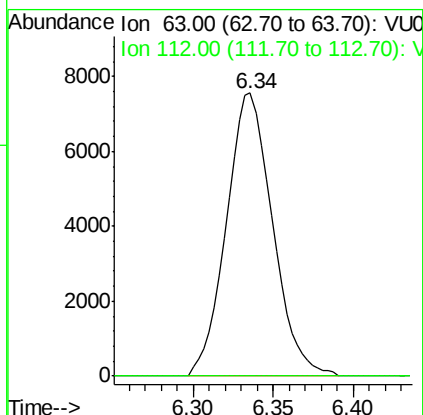
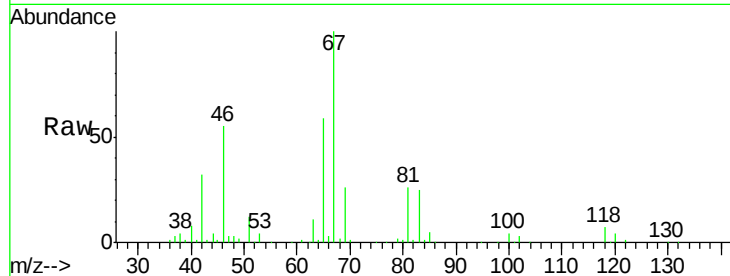




#37
 1,2-Dichloropropane
 Concen: 6.510 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025075.D
 Acq: 29 Jun 2018 17:27

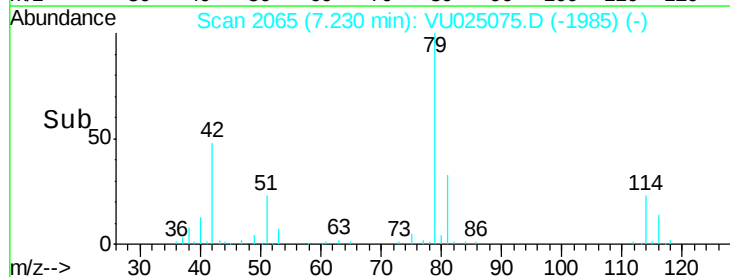
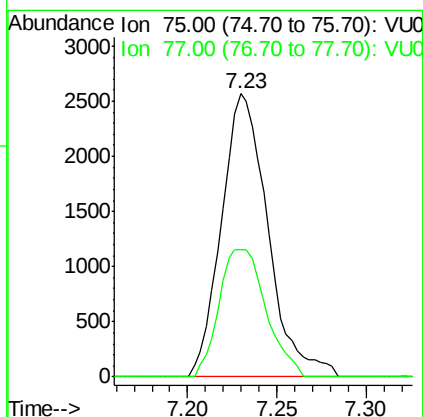
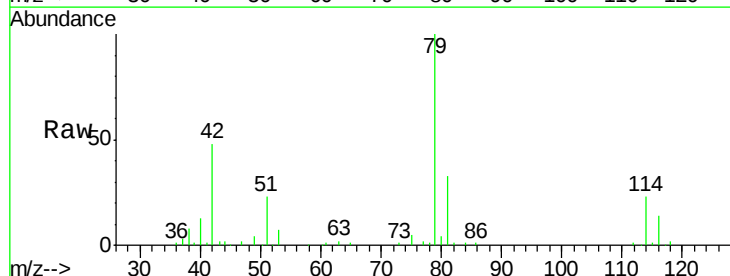
Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST9

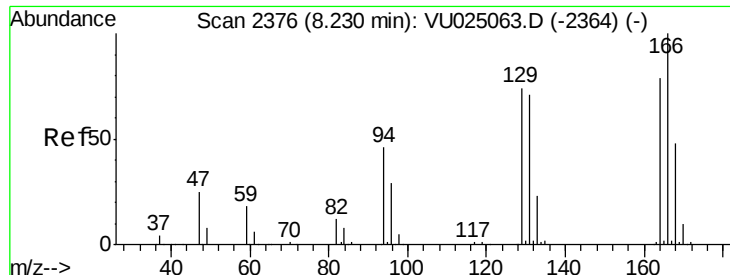
Tgt Ion: 63 Resp: 14918
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.280 ug/L
 RT: 7.23 min Scan# 2065
 Delta R.T. -0.04 min
 Lab File: VU025075.D
 Acq: 29 Jun 2018 17:27

Tgt Ion: 75 Resp: 4646
 Ion Ratio Lower Upper
 75 100
 77 45.0 21.3 39.5#





#46

Tetrachloroethene

Concen: 87.427 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025075.D

Acq: 29 Jun 2018 17:27

Instrument :

MSVOA_U

ClientSampleId :

C05T9

Tgt Ion:164 Resp: 168920

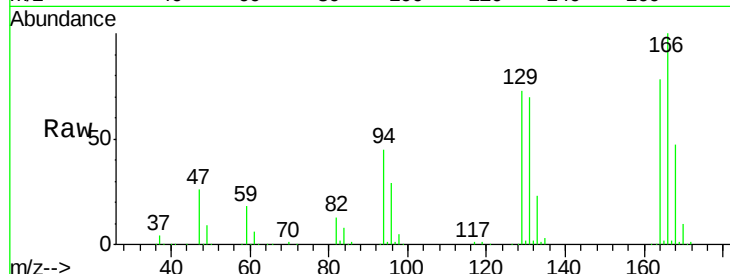
Ion Ratio Lower Upper

164 100

129 93.1 66.1 122.8

131 89.2 62.7 116.5

166 127.7 88.8 165.0

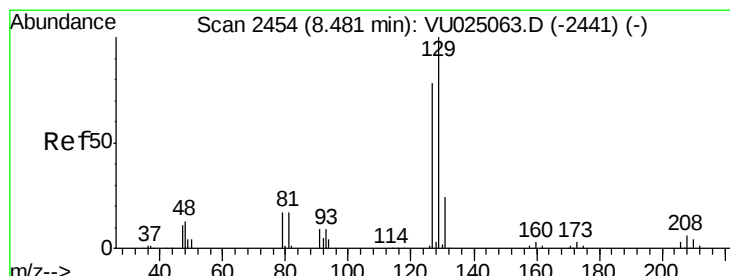
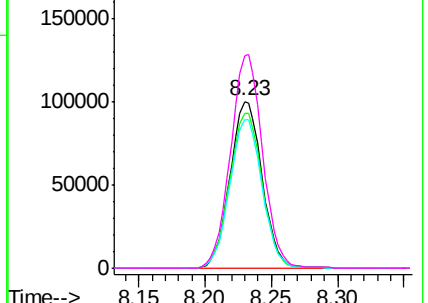
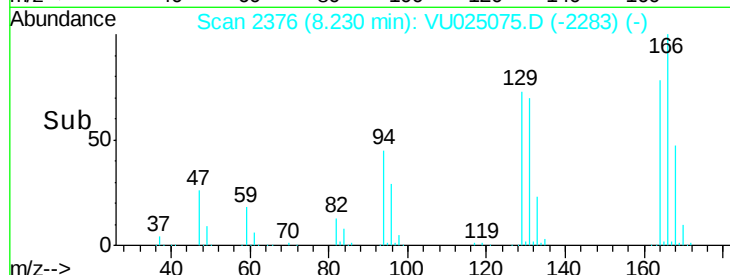


Abundance Ion 164.00 (163.70 to 164.70): V

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: 61.947 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU025075.D

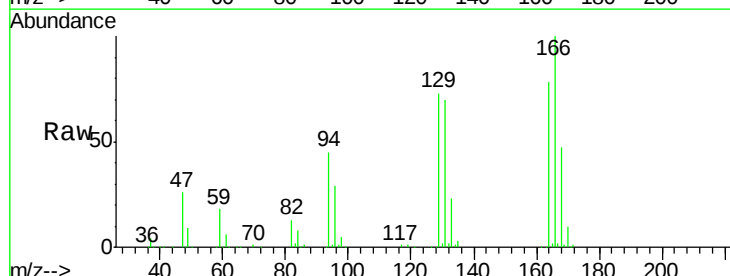
Acq: 29 Jun 2018 17:27

Tgt Ion:129 Resp: 158949

Ion Ratio Lower Upper

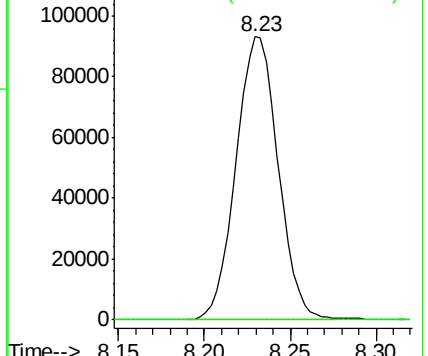
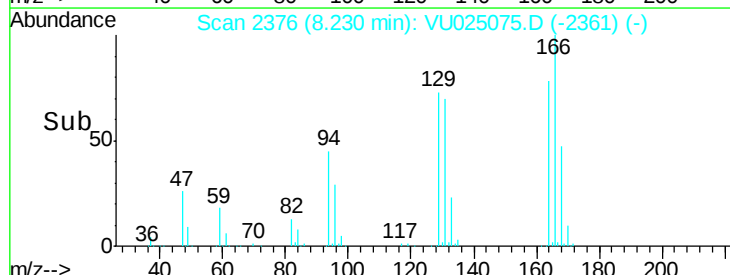
129 100

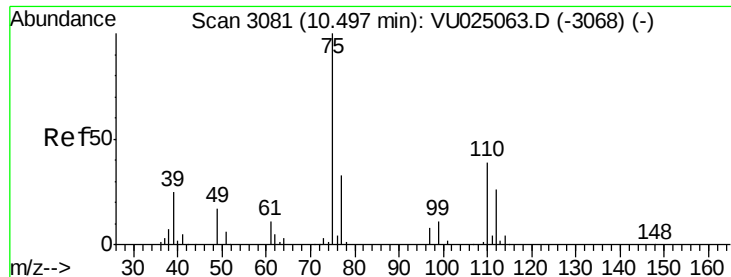
127 0.0 54.6 101.4#



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: 4.881 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025075.D

Acq: 29 Jun 2018 17:27

Instrument :

MSVOA_U

ClientSampleId :

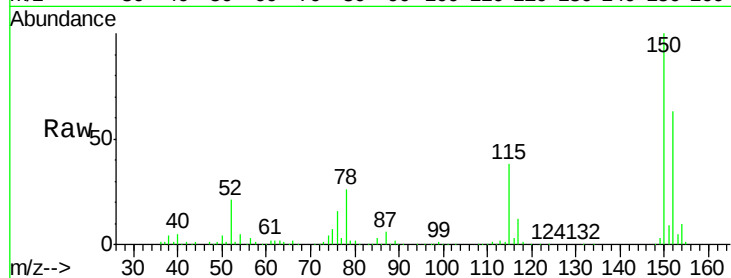
C0ST9

Tgt Ion: 75 Resp: 14500

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

