

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062918\
 Data File : VU025074.D
 Acq On : 29 Jun 2018 17:03
 Operator : MD/SY
 Sample : J3766-08DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST8DL

Quant Time: Jun 29 23:43:30 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	352724	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319843	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92739	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.96%
7) Chloroethane-d5	1.68	69	77439	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.06%
11) 1,1-Dichloroethene-d2	2.27	63	154073	33.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.00%
21) 2-Butanone-d5	4.18	46	185777	105.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.41%
24) Chloroform-d	4.65	84	203556	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.31	65	149732	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
32) Benzene-d6	5.35	84	405791	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.33	67	129022	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.32%
41) Toluene-d8	7.57	98	388269	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.85	79	64517	46.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.06%
47) 2-Hexanone-d5	8.31	63	133294	104.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.49%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184814	46.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	153811	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

Target Compounds

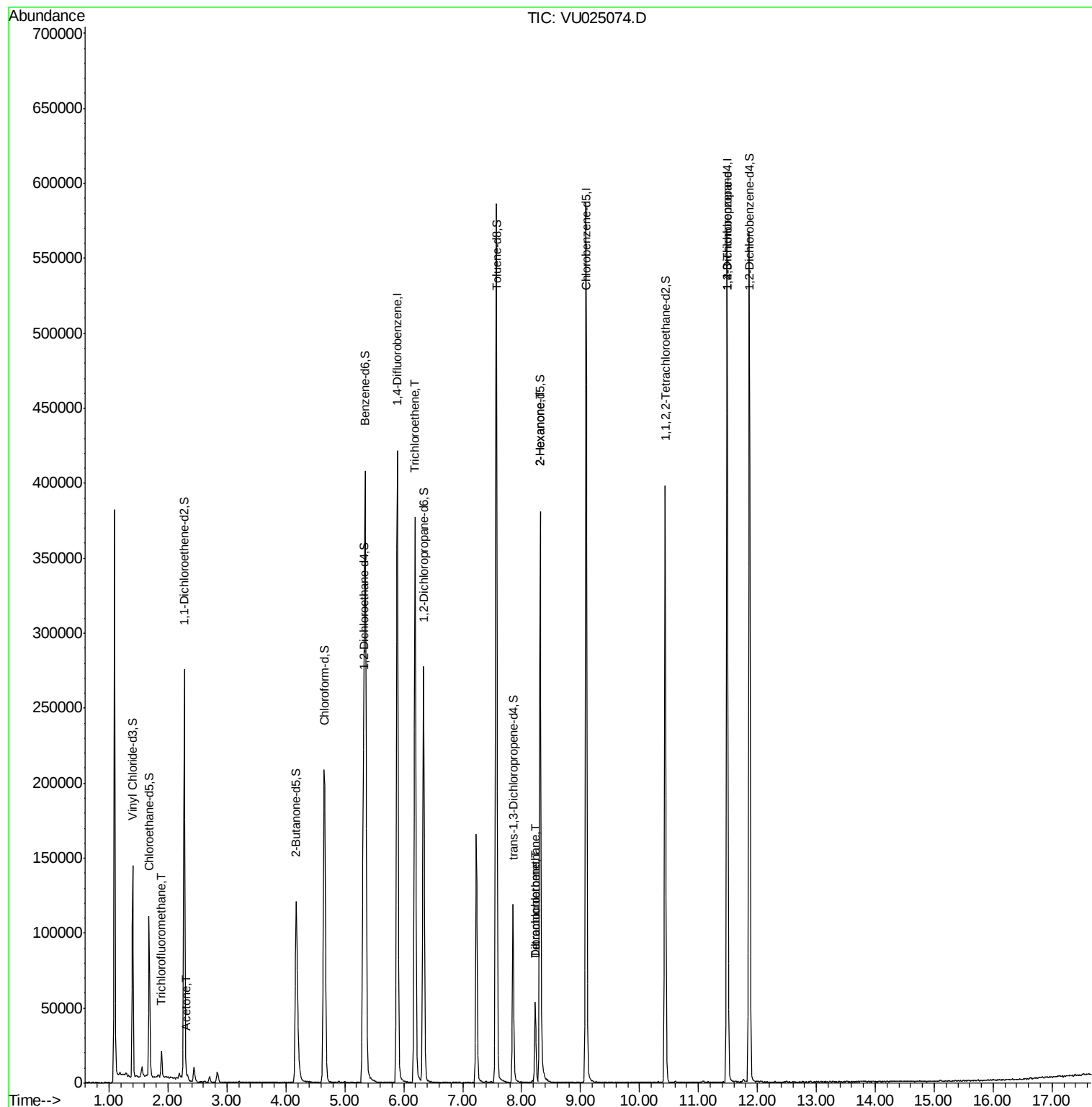
					Qvalue
9) Trichlorofluoromethane	1.89	101	9319	2.333 ug/L	99
13) Acetone	2.32	43	2420	1.336 ug/L	73
34) Trichloroethene	6.19	95	128381	49.754 ug/L	99
46) Tetrachloroethene	8.23	164	12441	5.696 ug/L	95
48) 2-Hexanone	8.31	43	16265	5.478 ug/L #	69
49) Dibromochloromethane	8.23	129	11638	4.012 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	16770	4.994 ug/L #	88

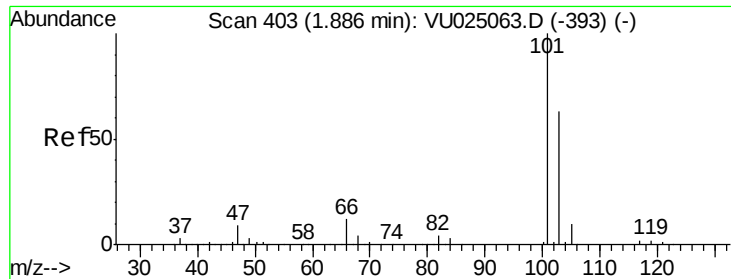
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.333 ug/L

RT: 1.89 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU025074.D

Acq: 29 Jun 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

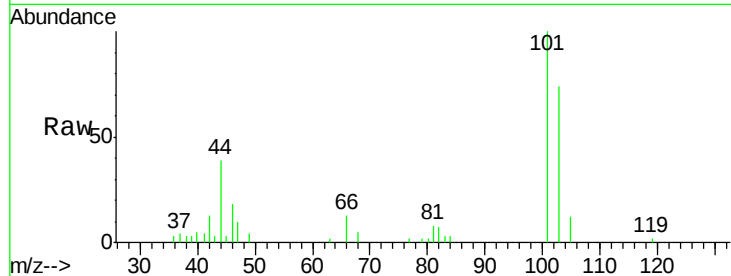
C0ST8DL

Tgt Ion:101 Resp: 9319

Ion Ratio Lower Upper

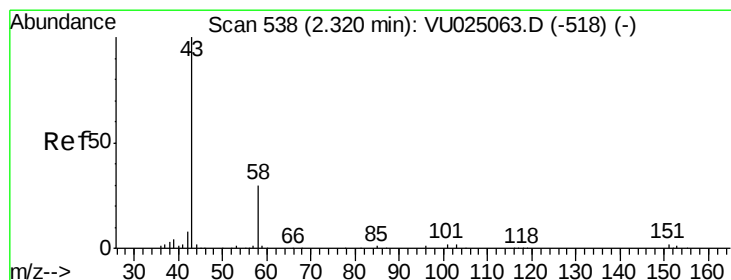
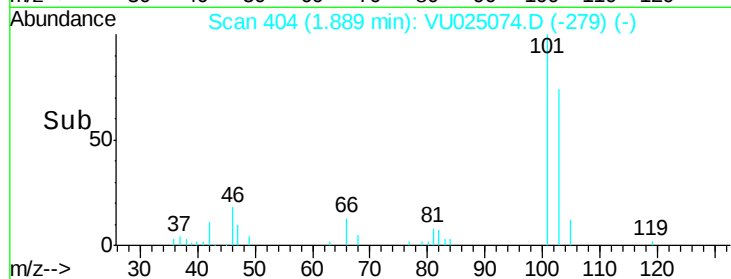
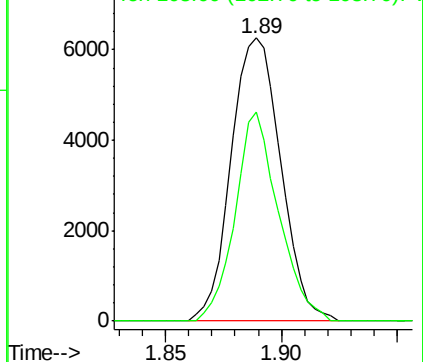
101 100

103 64.4 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.336 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025074.D

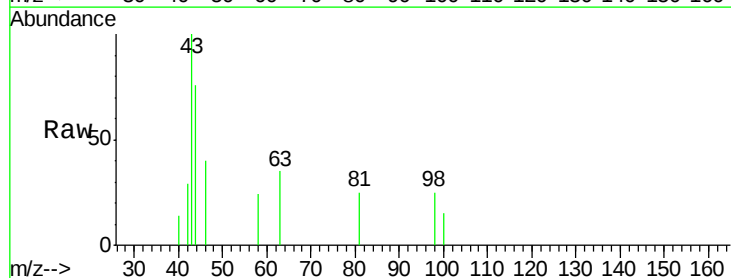
Acq: 29 Jun 2018 17:03

Tgt Ion: 43 Resp: 2420

Ion Ratio Lower Upper

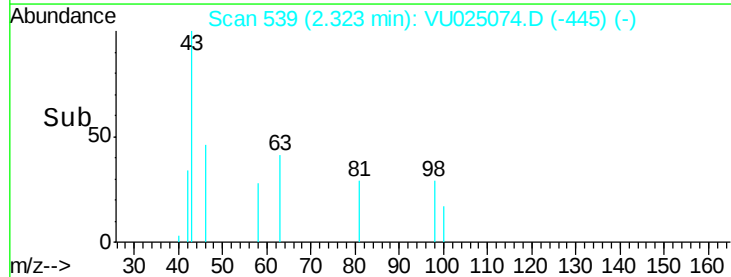
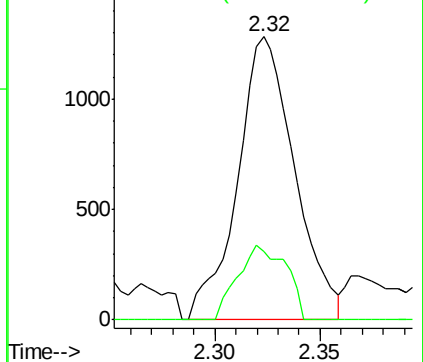
43 100

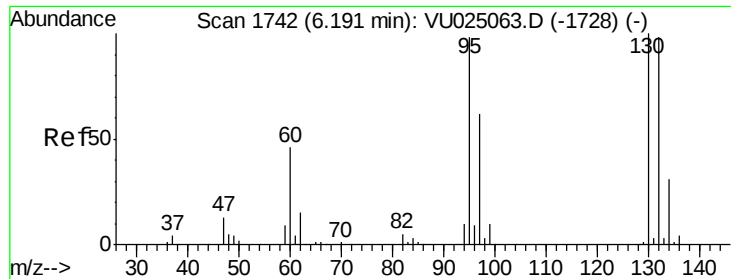
58 15.0 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

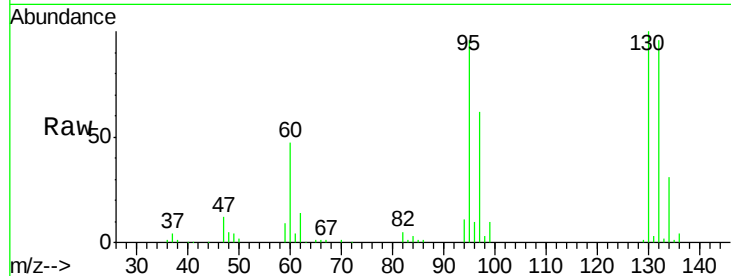




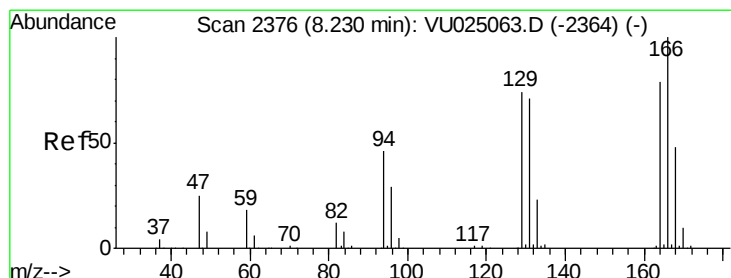
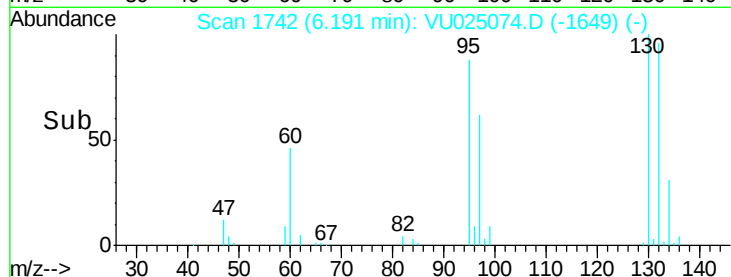
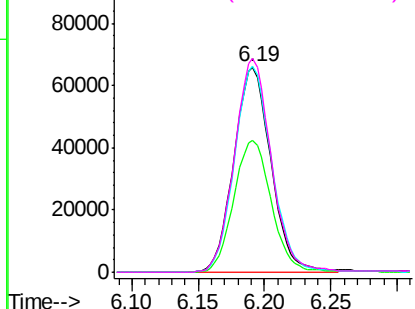
#34
 Trichloroethene
 Concen: 49.754 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU025074.D
 Acq: 29 Jun 2018 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 C05T8DL

Tgt Ion: 95 Resp: 128381
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.1 81.9
 132 100.5 70.2 130.4
 130 104.2 71.7 133.1

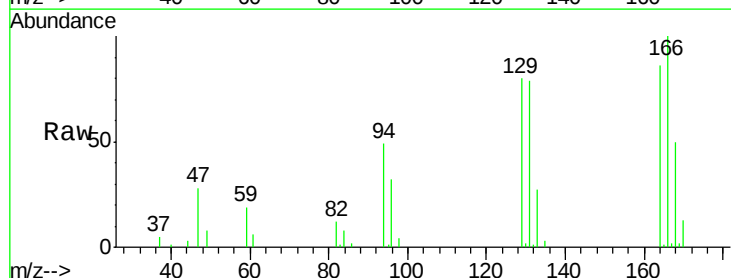


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

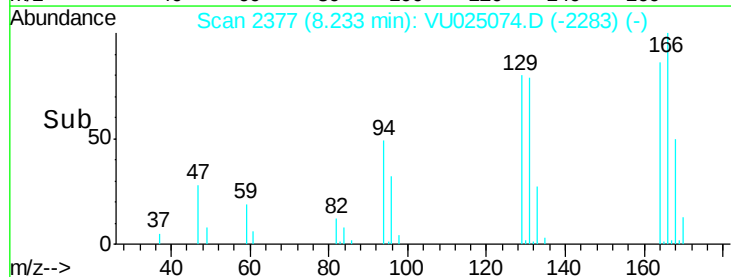
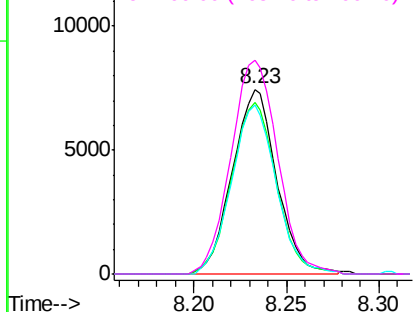


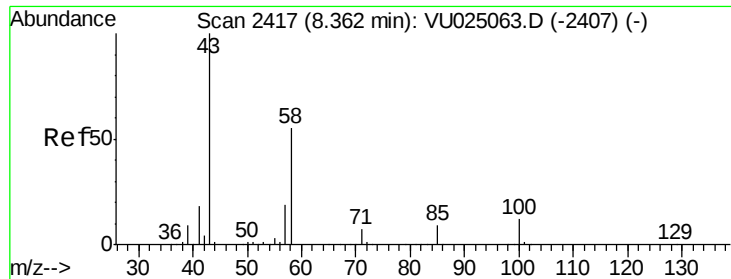
#46
 Tetrachloroethene
 Concen: 5.696 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU025074.D
 Acq: 29 Jun 2018 17:03

Tgt Ion: 164 Resp: 12441
 Ion Ratio Lower Upper
 164 100
 129 92.9 66.1 122.8
 131 91.4 62.7 116.5
 166 115.8 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

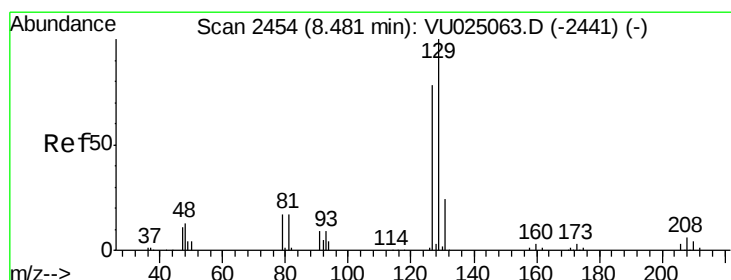
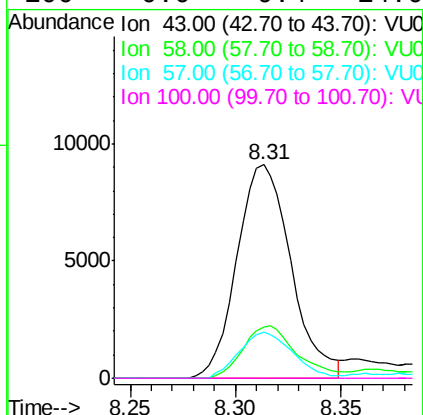
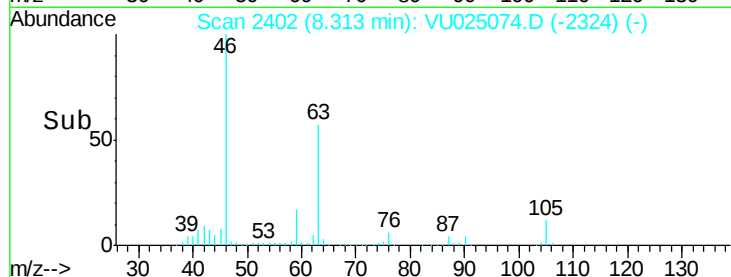
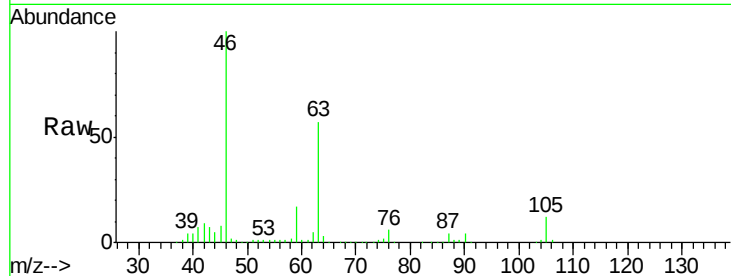




#48
2-Hexanone
Concen: 5.478 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU025074.D
Acq: 29 Jun 2018 17:03

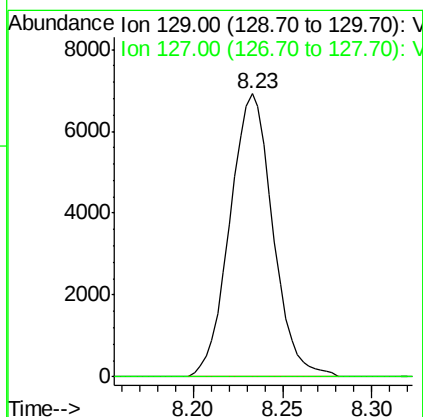
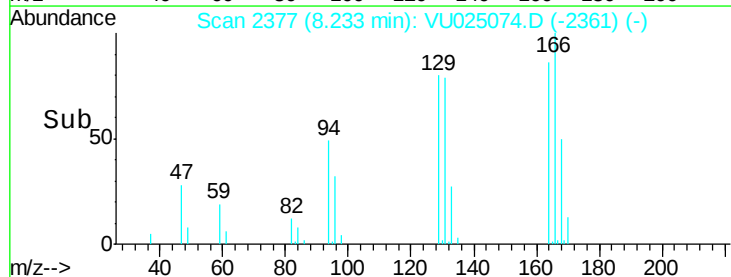
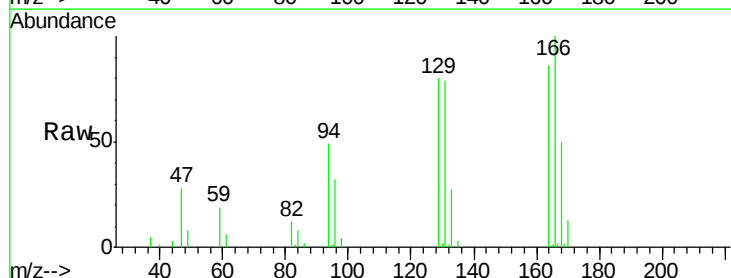
Instrument :
MSVOA_U
ClientSampleId :
C0ST8DL

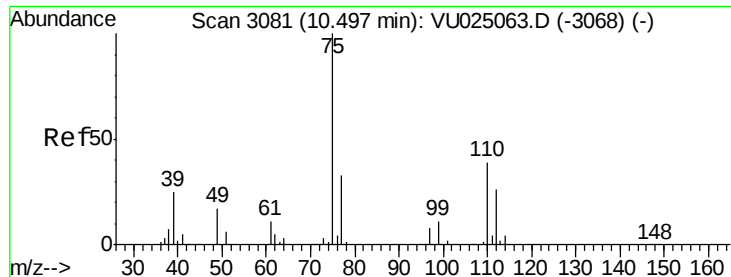
Tgt Ion: 43 Resp: 16265
Ion Ratio Lower Upper
43 100
58 24.5 43.2 64.8#
57 21.3 15.8 23.8
100 0.0 9.4 14.0#



#49
Dibromochloromethane
Concen: 4.012 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU025074.D
Acq: 29 Jun 2018 17:03

Tgt Ion: 129 Resp: 11638
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#





#59

1,2,3-Trichloropropane

Concen: 4.994 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025074.D

Acq: 29 Jun 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

C0ST8DL

Tgt Ion: 75 Resp: 16770

Ion Ratio Lower Upper

75 100

77 39.8 26.2 39.4#

