

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071918\
 Data File : VU025523.D
 Acq On : 19 Jul 2018 15:43
 Operator : MD/SY
 Sample : J3984-13DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL2

Quant Time: Jul 20 02:45:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	311606	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55620	37.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.70%
7) Chloroethane-d5	1.69	69	52916	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.54%
11) 1,1-Dichloroethene-d2	2.28	63	100559	31.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.34%
21) 2-Butanone-d5	4.18	46	132088	84.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.47%
24) Chloroform-d	4.65	84	167161	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
26) 1,2-Dichloroethane-d4	5.31	65	117362	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.35	84	312781	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.56%
36) 1,2-Dichloropropane-d6	6.33	67	106546	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.18%
41) Toluene-d8	7.57	98	286726	43.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.70%
43) trans-1,3-Dichloropropene-	7.85	79	49809	42.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.58%
47) 2-Hexanone-d5	8.31	63	96127	81.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151993	45.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	121399	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

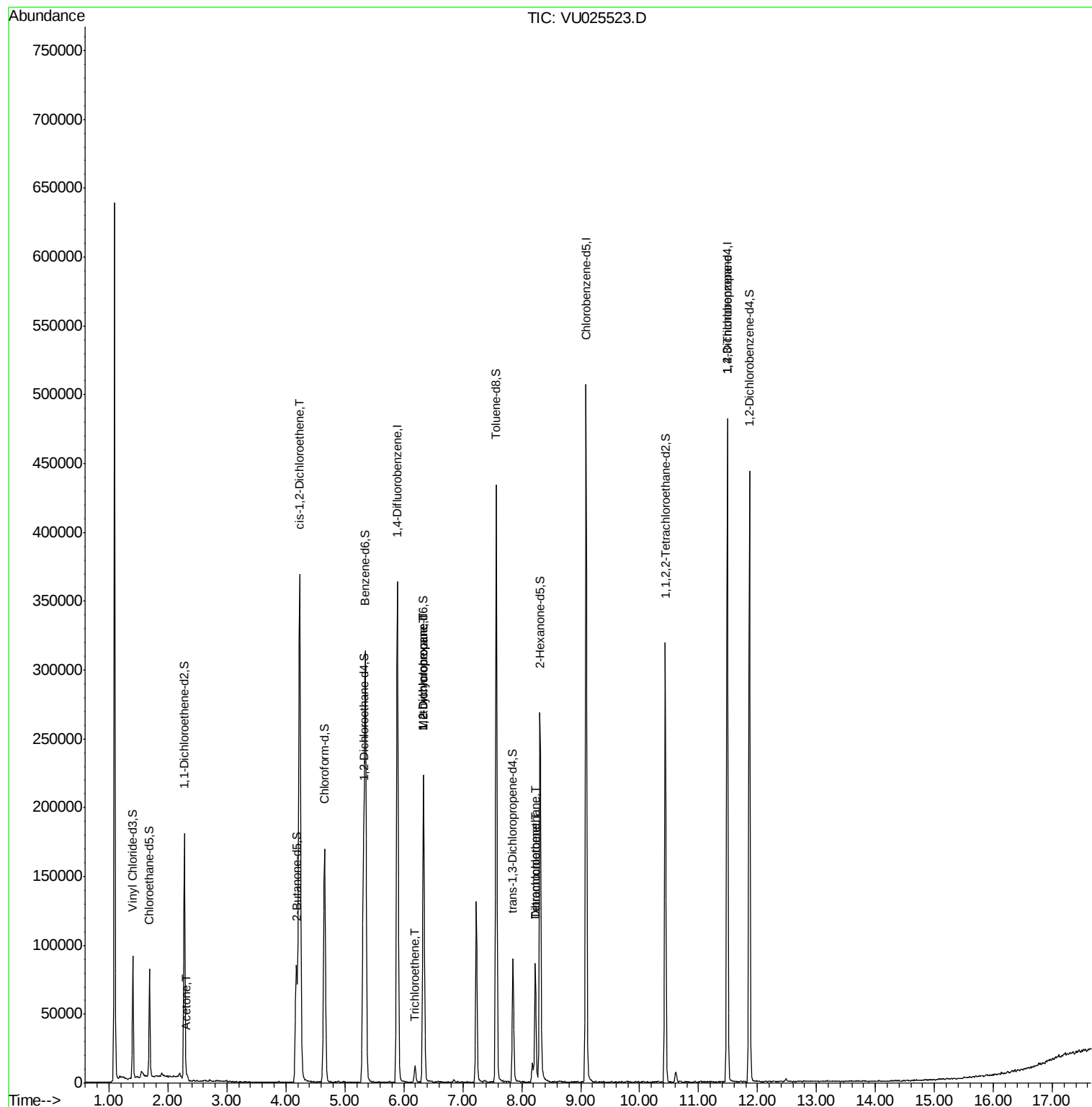
					Qvalue
13) Acetone	2.32	43	3705	2.713 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	205306	83.938 ug/L	100
34) Trichloroethene	6.19	95	3966	1.791 ug/L	87
35) Methylcyclohexane	6.34	83	25392	7.553 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11854	5.137 ug/L #	88
46) Tetrachloroethene	8.23	164	18056	9.775 ug/L	98
49) Dibromochloromethane	8.23	129	17246	6.512 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	14313	4.665 ug/L #	88

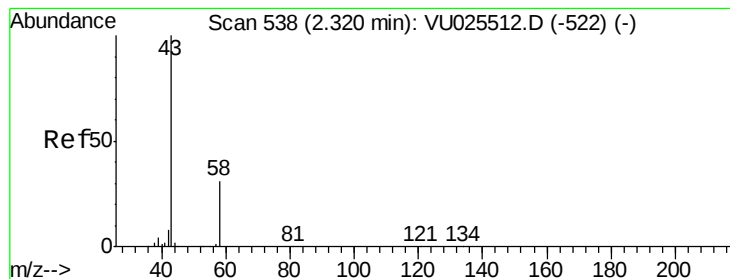
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.713 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025523.D

Acq: 19 Jul 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

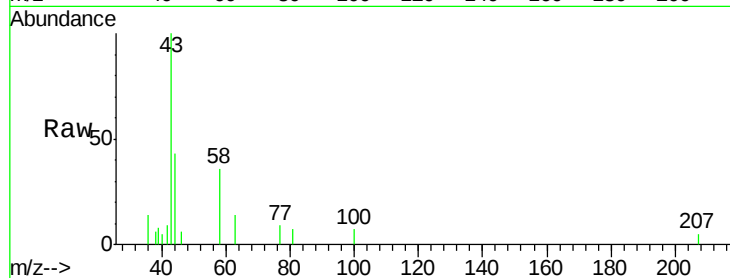
DB189DL2

Tgt Ion: 43 Resp: 3705

Ion Ratio Lower Upper

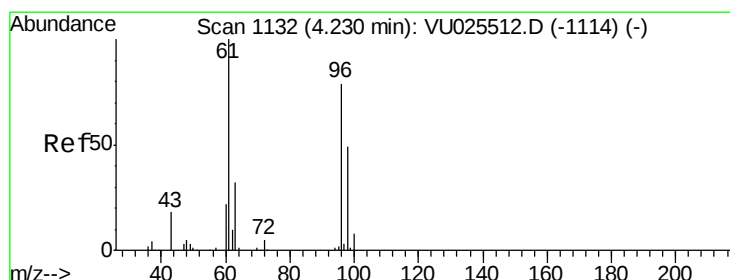
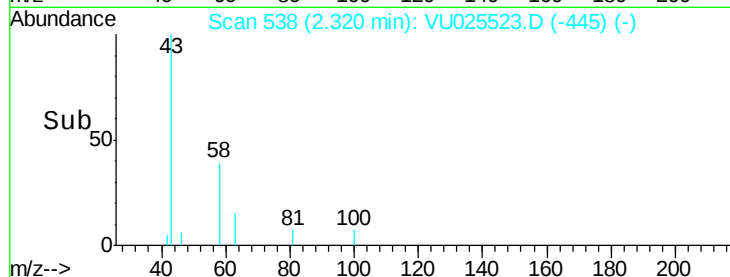
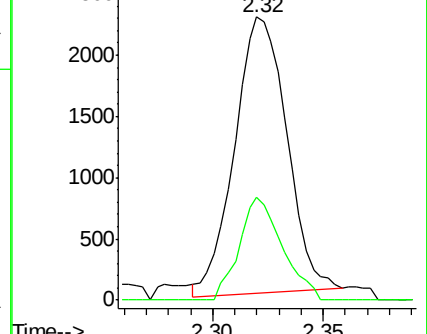
43 100

58 30.7 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 83.938 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025523.D

Acq: 19 Jul 2018 15:43

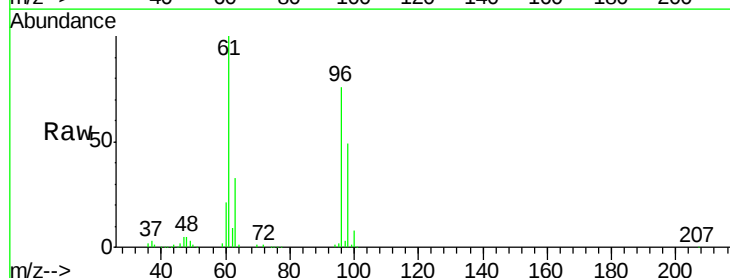
Tgt Ion: 96 Resp: 205306

Ion Ratio Lower Upper

96 100

61 131.4 91.7 170.3

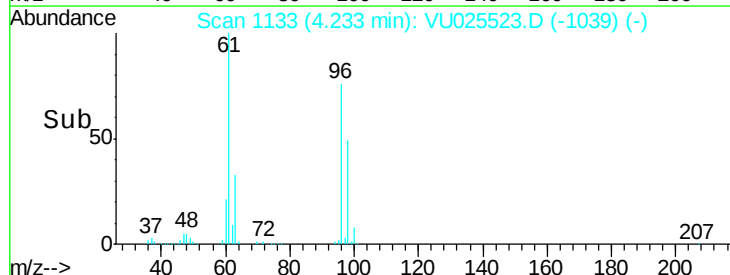
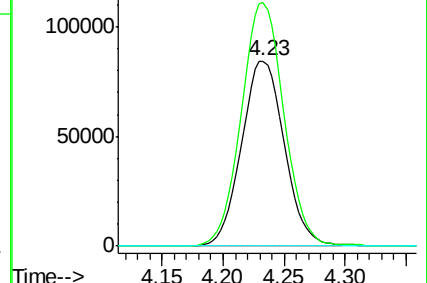
68 0.0 0.0 0.0

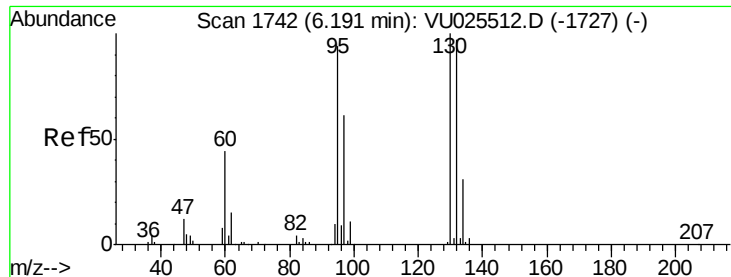


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

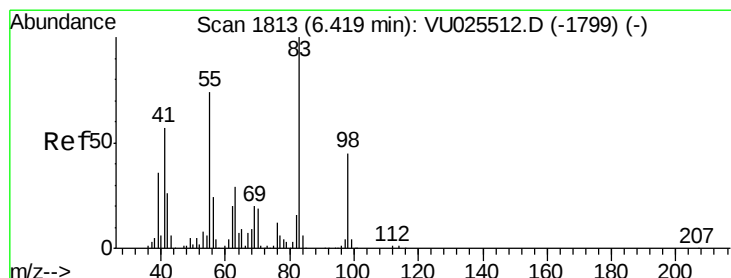
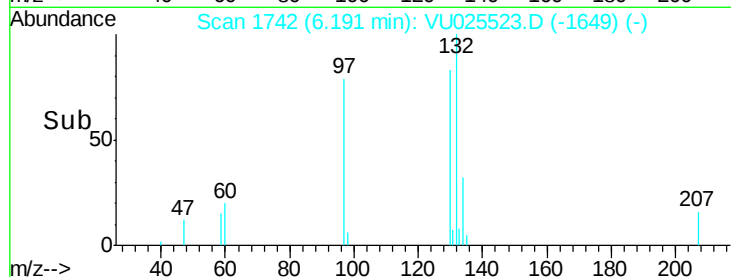
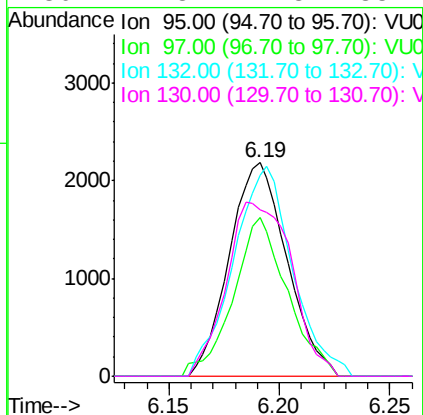
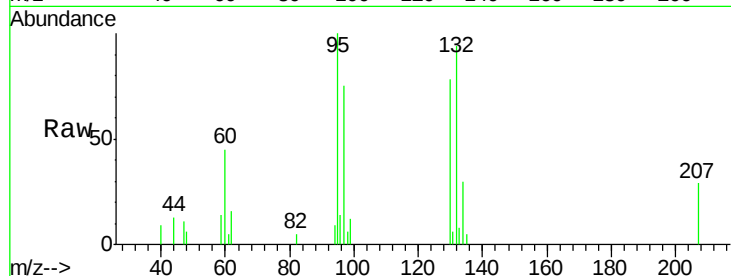




#34
 Trichloroethene
 Concen: 1.791 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025523.D
 Acq: 19 Jul 2018 15:43

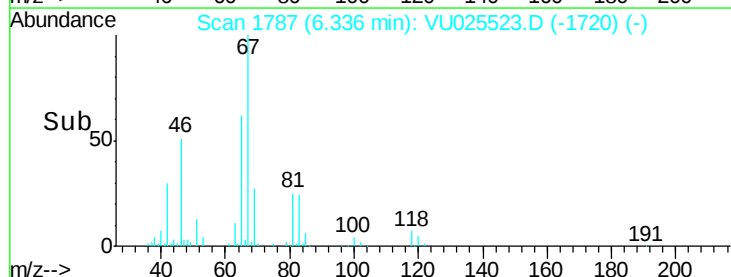
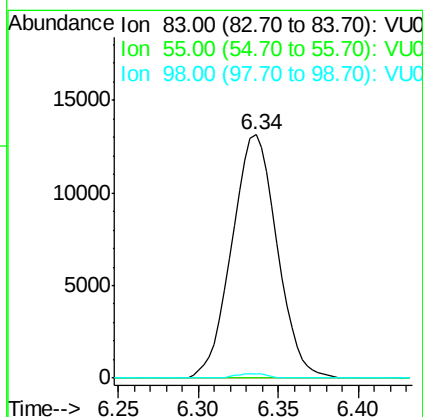
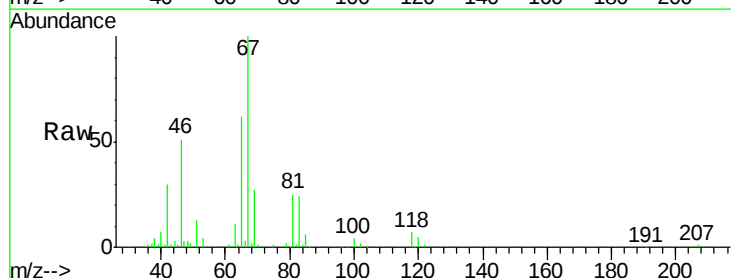
Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL2

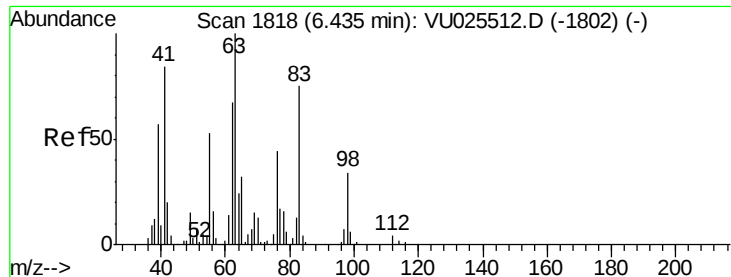
Tgt Ion:	95	Resp:	3966
Ion	Ratio	Lower	Upper
95	100		
97	74.5	45.9	85.3
132	94.2	68.2	126.6
130	77.8	71.8	133.4



#35
 Methylcyclohexane
 Concen: 7.553 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.08 min
 Lab File: VU025523.D
 Acq: 19 Jul 2018 15:43

Tgt Ion:	83	Resp:	25392
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.8	92.8#
98	1.2	38.7	58.1#





#37

1,2-Dichloropropane

Concen: 5.137 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025523.D

Acq: 19 Jul 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

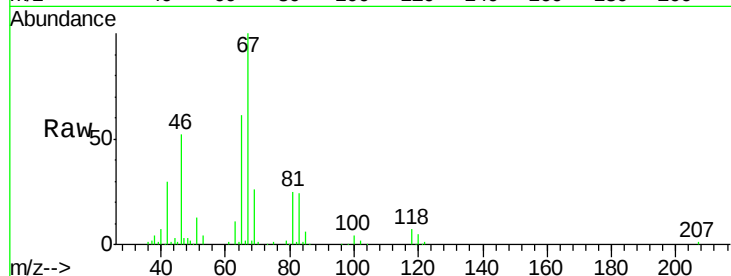
DB189DL2

Tgt Ion: 63 Resp: 11854

Ion Ratio Lower Upper

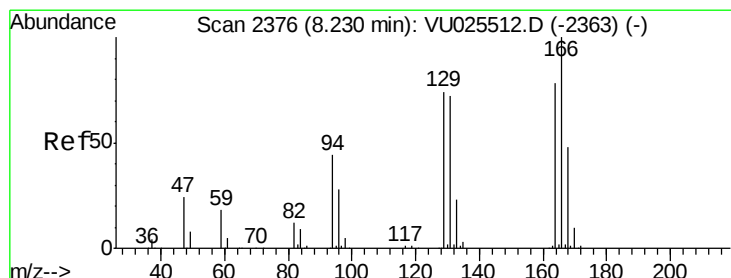
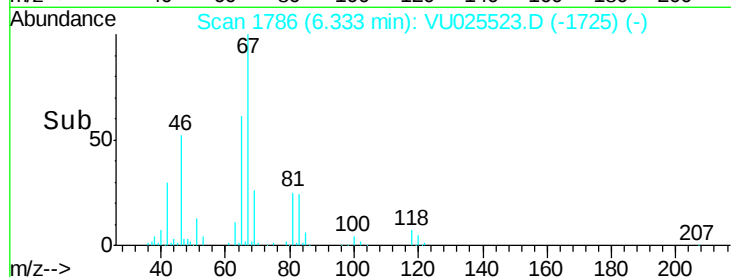
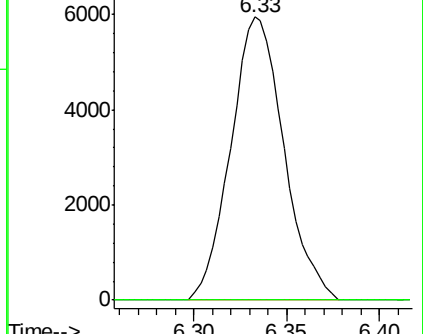
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VU025512.D (-1802) (-)

Ion 112.00 (111.70 to 112.70): VU025512.D (-1802) (-)



#46

Tetrachloroethene

Concen: 9.775 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU025523.D

Acq: 19 Jul 2018 15:43

Tgt Ion: 164 Resp: 18056

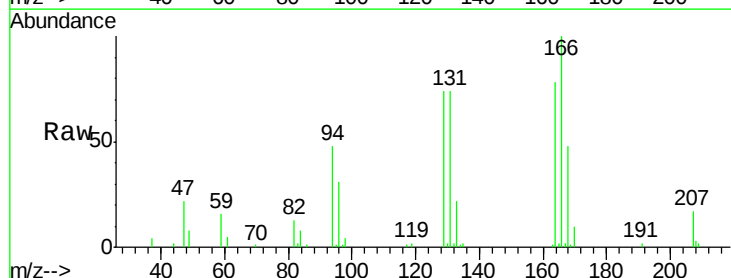
Ion Ratio Lower Upper

164 100

129 95.1 66.5 123.5

131 95.1 63.7 118.3

166 128.1 90.8 168.6

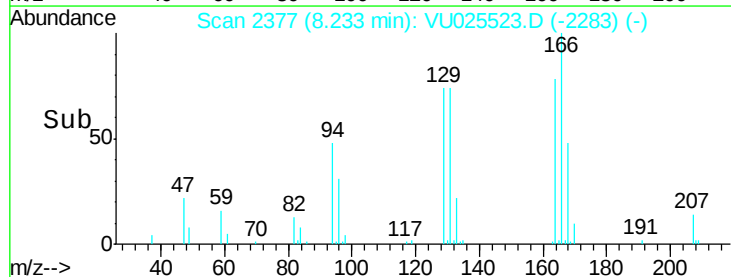
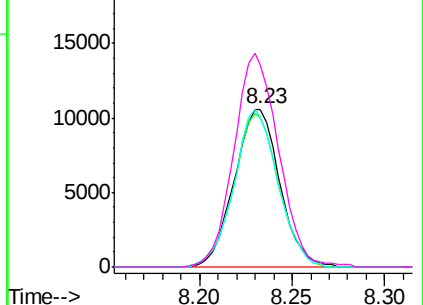


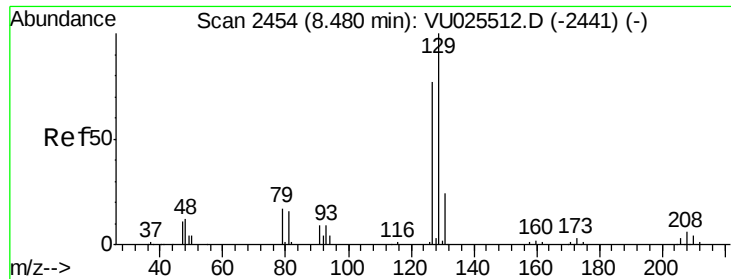
Abundance Ion 164.00 (163.70 to 164.70): VU025512.D (-2363) (-)

Ion 129.00 (128.70 to 129.70): VU025512.D (-2363) (-)

Ion 131.00 (130.70 to 131.70): VU025512.D (-2363) (-)

Ion 166.00 (165.70 to 166.70): VU025512.D (-2363) (-)

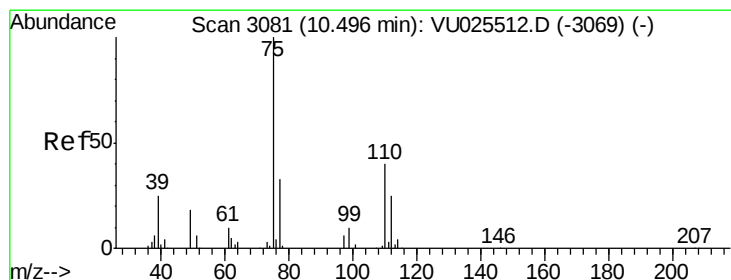
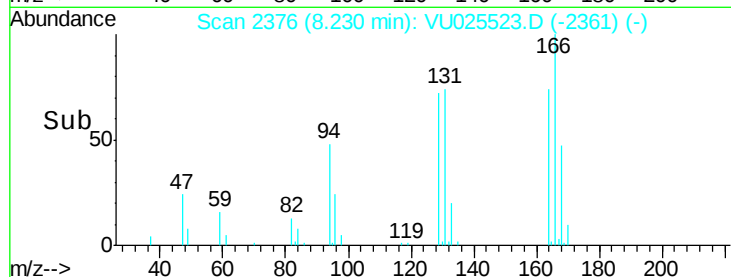
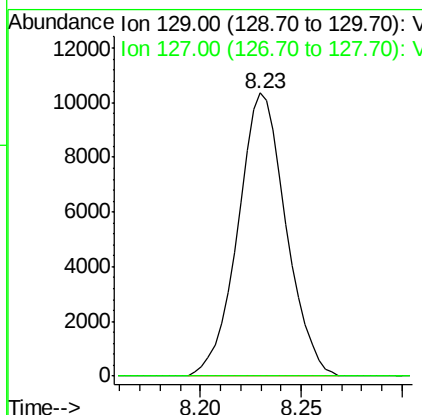
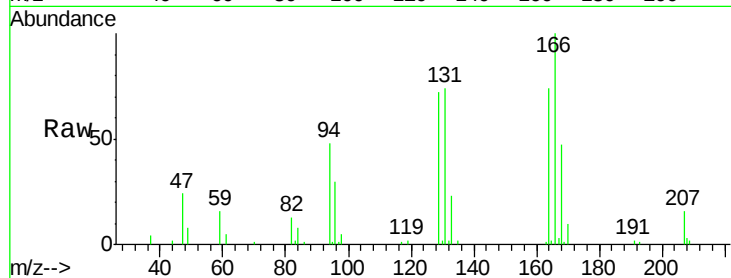




#49
 Dibromochloromethane
 Concen: 6.512 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU025523.D
 Acq: 19 Jul 2018 15:43

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL2

Tgt Ion: 129 Resp: 17246
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.665 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU025523.D
 Acq: 19 Jul 2018 15:43

Tgt Ion: 75 Resp: 14313
 Ion Ratio Lower Upper
 75 100
 77 39.3 26.2 39.2#

