

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026187.D
 Acq On : 17 Aug 2018 18:35
 Operator : MD/SY
 Sample : VU0817WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 18 01:29:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 01:29:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	138146	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	134612	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37894	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.68	69	30819	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	57542	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.20	46	111124	53.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.68%
24) Chloroform-d	4.65	84	85316	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.32	65	46708	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.34	84	165548	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.34	67	53930	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.57	98	148338	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	19786	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.32	63	87617	52.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	41064	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	58139	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

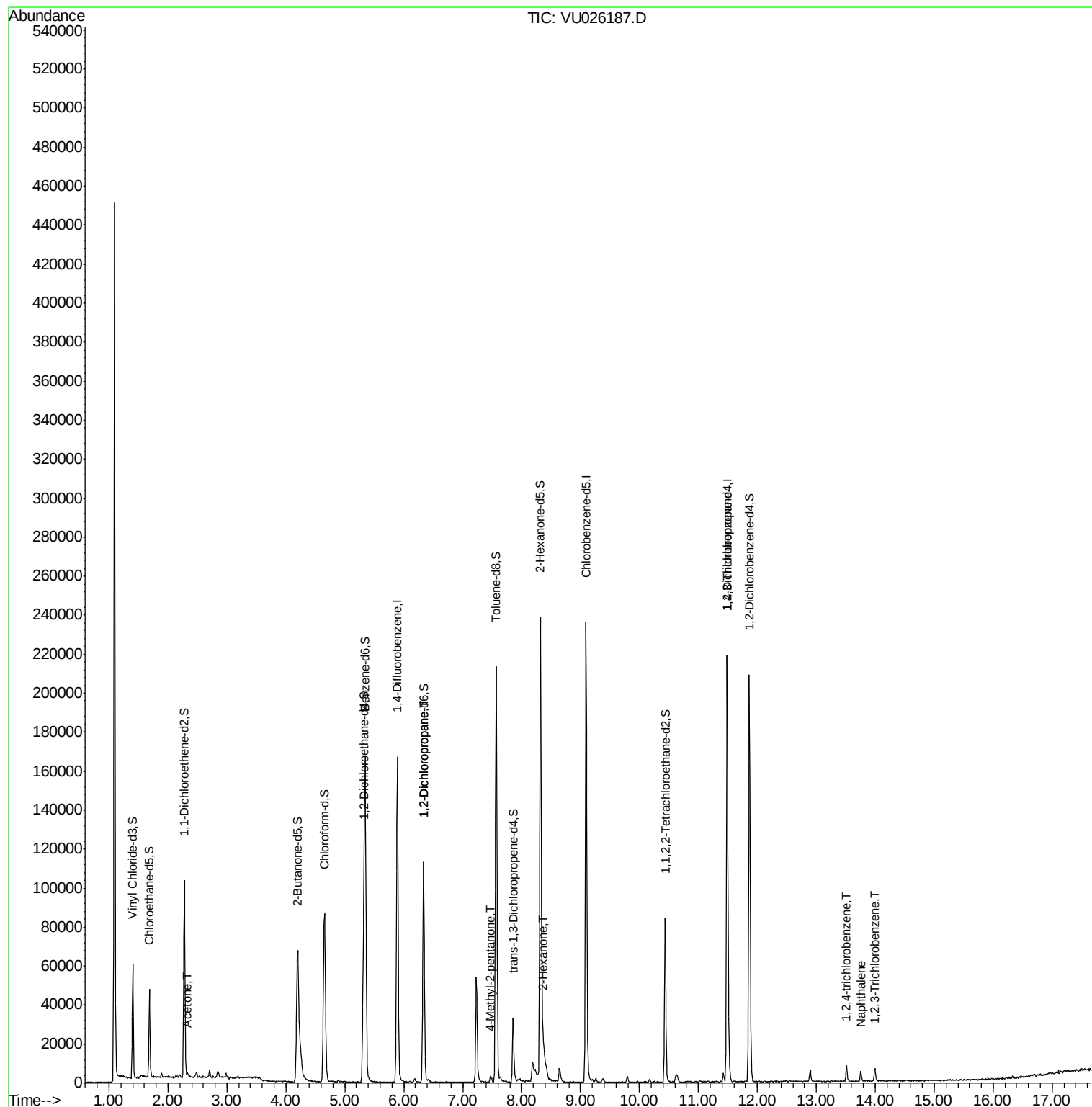
					Ovalue
13) Acetone	2.32	43	1443	1.046 ug/L	78
37) 1,2-Dichloropropane	6.34	63	5887	0.560 ug/L #	96
40) 4-Methyl-2-pentanone	7.48	43	2626	0.465 ug/L #	85
48) 2-Hexanone	8.37	43	5952	1.510 ug/L #	94
59) 1,2,3-Trichloropropane	11.49	75	7845	1.236 ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	3684	0.315 ug/L #	81
69) Naphthalene	13.75	128	5654	0.325 ug/L #	94
70) 1,2,3-Trichlorobenzene	13.99	180	3152	0.283 ug/L	97

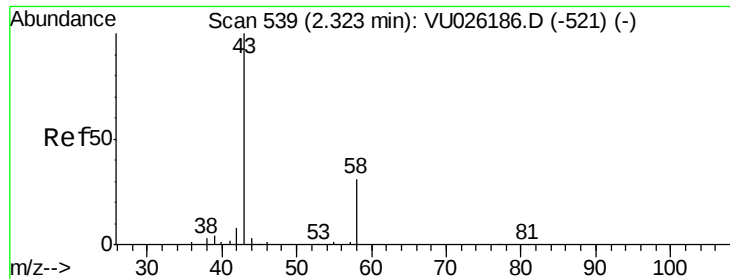
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:29:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.046 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026187.D

Acq: 17 Aug 2018 18:35

Instrument :

MSVOA_U

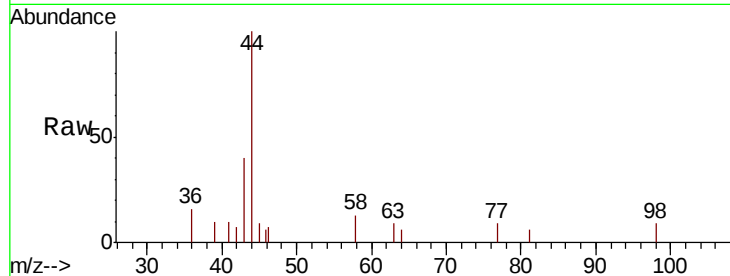
ClientSampleId :

Tot Ion: 43 Resp: 1443

Ion Ratio Lower Upper

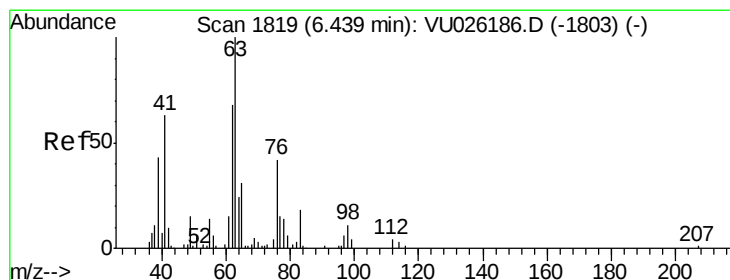
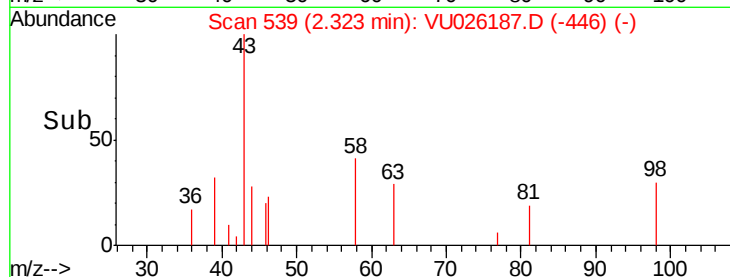
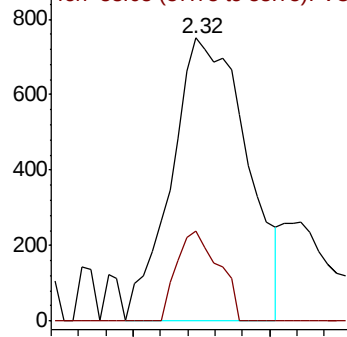
43 100

58 17.8 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.34 min Scan# 1788

Delta R.T. -0.10 min

Lab File: VU026187.D

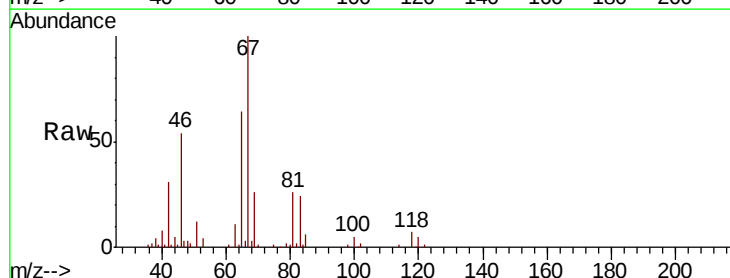
Acq: 17 Aug 2018 18:35

Tgt Ion: 63 Resp: 5887

Ion Ratio Lower Upper

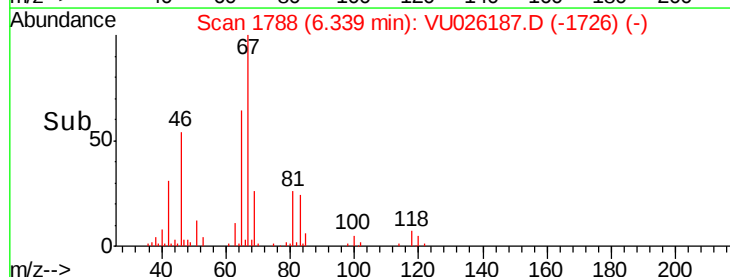
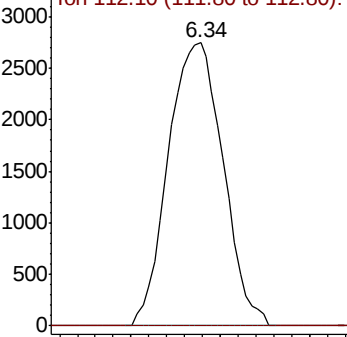
63 100

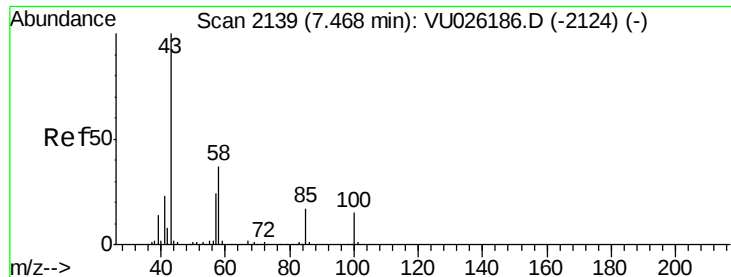
112 0.3 1.4 2.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

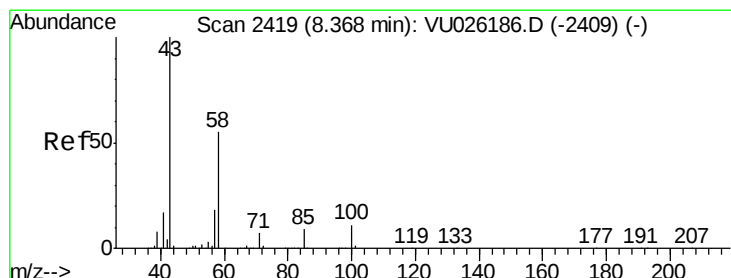
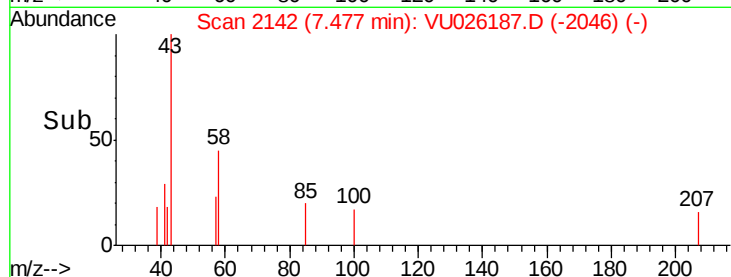
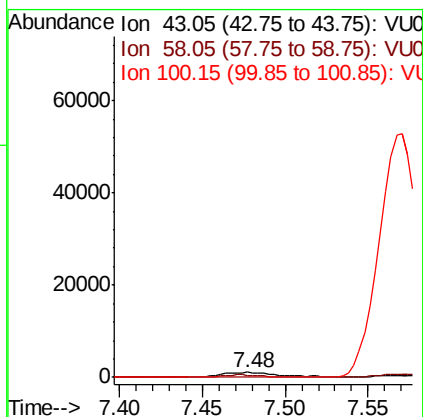
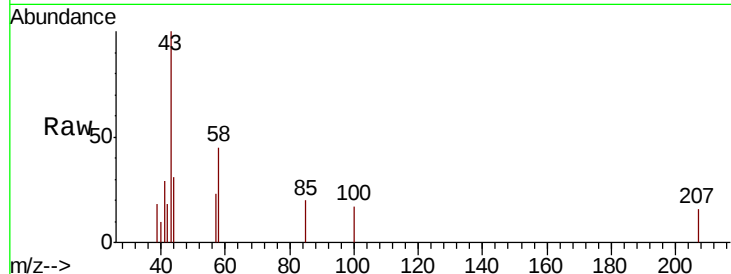




#40
4-Methyl-2-pentanone
Concen: 0.465 ug/L
RT: 7.48 min Scan# 2142
Delta R.T. 0.01 min
Lab File: VU026187.D
Acq: 17 Aug 2018 18:35

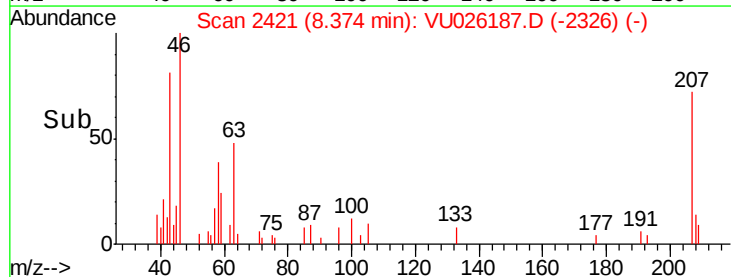
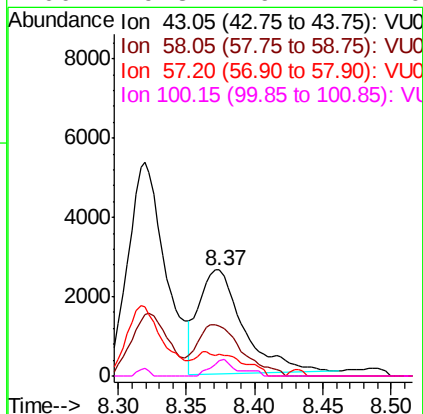
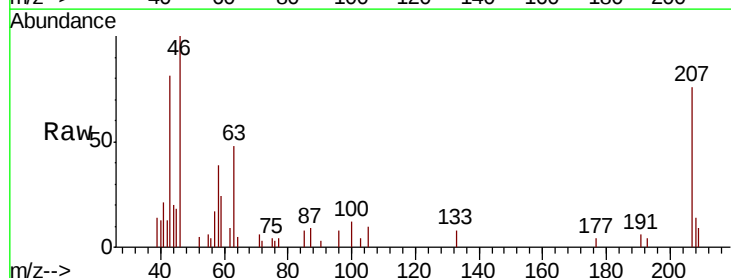
Instrument :
MSVOA_U
ClientSampleId :

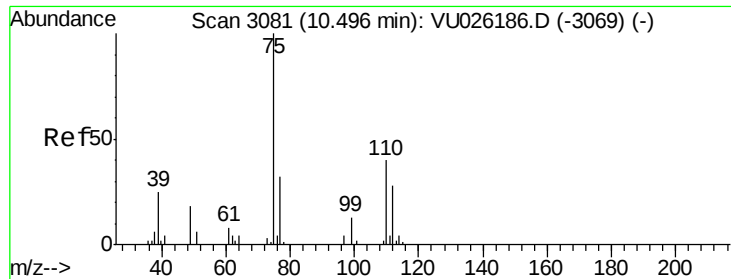
Tot Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
58 33.2 29.8 44.8
100 0.0 11.6 17.4#



#48
2-Hexanone
Concen: 1.510 ug/L
RT: 8.37 min Scan# 2421
Delta R.T. 0.01 min
Lab File: VU026187.D
Acq: 17 Aug 2018 18:35

Tgt Ion: 43 Resp: 5952
Ion Ratio Lower Upper
43 100
58 50.1 43.1 64.7
57 23.6 15.4 23.0#
100 9.3 9.4 14.0#





#59

1,2,3-Trichloropropane

Concen: 1.236 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026187.D

Acq: 17 Aug 2018 18:35

Instrument :

MSVOA_U

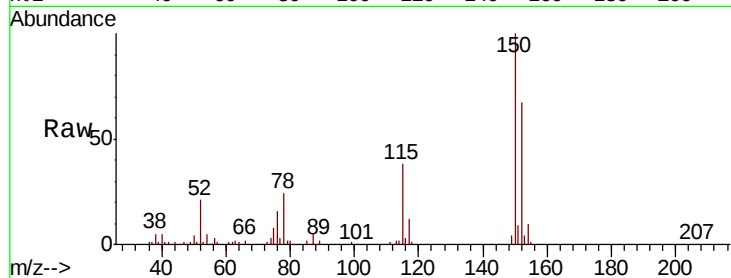
ClientSampleId :

Tot Ion: 75 Resp: 7845

Ion Ratio Lower Upper

75 100

77 38.6 29.0 43.4

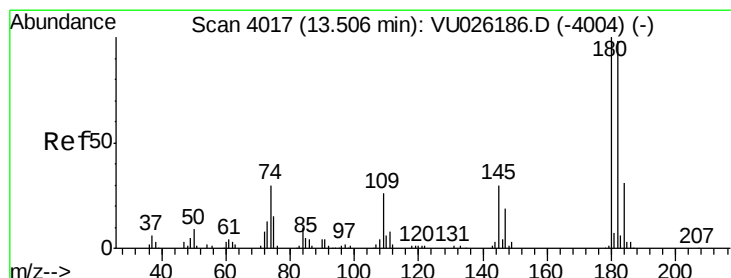
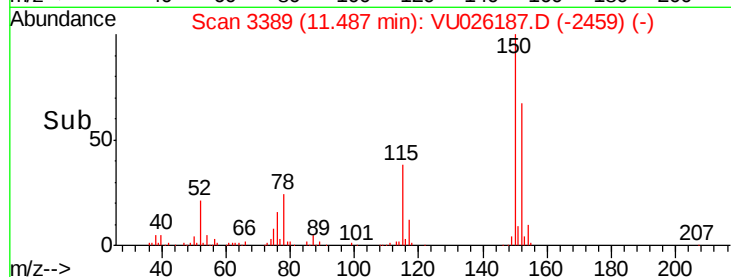


Abundance Ion 75.00 (74.70 to 75.70): VU026187.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU026187.D (-2459) (-)

11.49

Time-->



#68

1,2,4-trichlorobenzene

Concen: 0.315 ug/L

RT: 13.51 min Scan# 4019

Delta R.T. 0.01 min

Lab File: VU026187.D

Acq: 17 Aug 2018 18:35

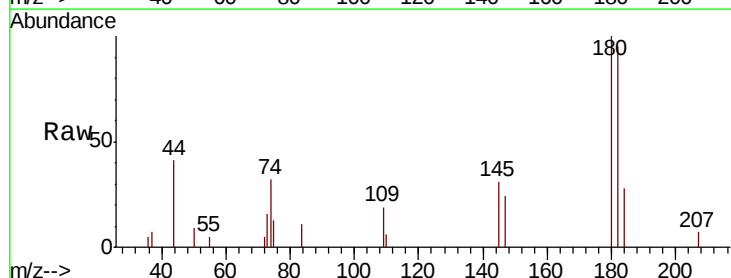
Tgt Ion: 180 Resp: 3684

Ion Ratio Lower Upper

180 100

182 76.5 77.9 116.9#

145 23.9 24.2 36.2#



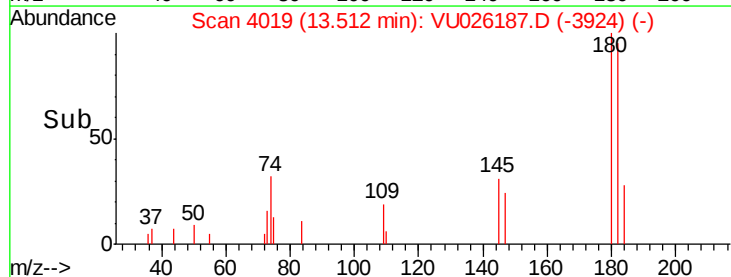
Abundance Ion 179.90 (179.60 to 180.60): VU026187.D (-3924) (-)

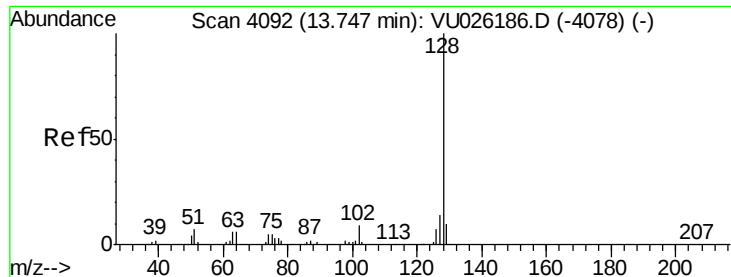
Ion 182.00 (181.70 to 182.70): VU026187.D (-3924) (-)

Ion 144.95 (144.65 to 145.65): VU026187.D (-3924) (-)

13.51

Time-->





#69

Naphthalene

Concen: 0.325 ug/L

RT: 13.75 min Scan# 4093

Delta R.T. 0.00 min

Lab File: VU026187.D

Acq: 17 Aug 2018 18:35

Instrument :

MSVOA_U

ClientSampleId :

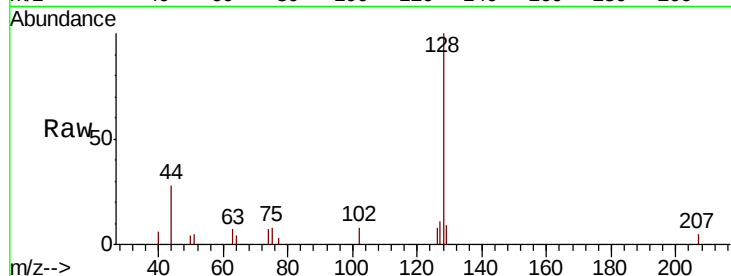
Tot Ion:128 Resp: 5654

Ion Ratio Lower Upper

128 100

129 8.0 8.6 13.0#

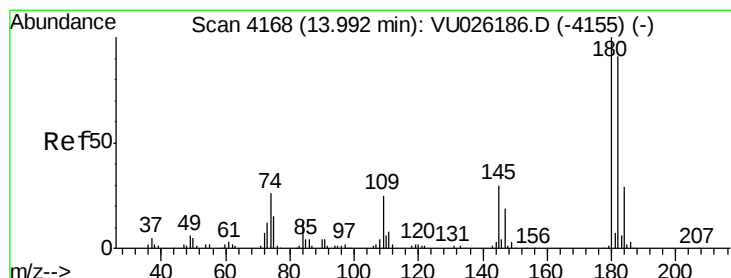
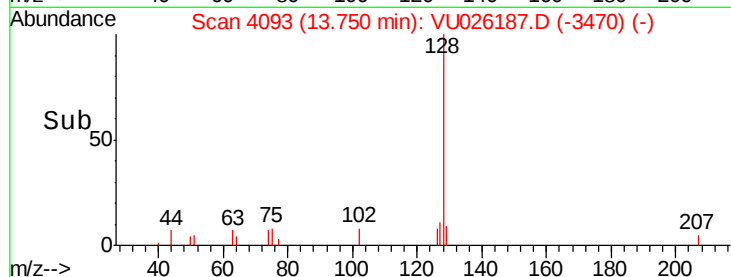
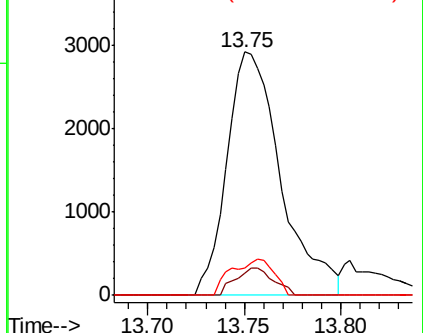
127 11.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.283 ug/L

RT: 13.99 min Scan# 4168

Delta R.T. -0.00 min

Lab File: VU026187.D

Acq: 17 Aug 2018 18:35

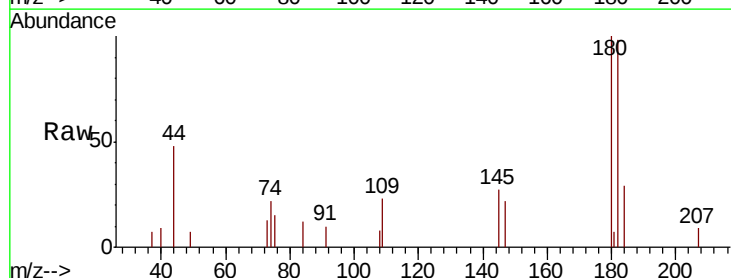
Tgt Ion:180 Resp: 3152

Ion Ratio Lower Upper

180 100

182 98.1 77.8 116.6

145 26.3 24.9 37.3



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

