

Data File : VV008587.D
Acq On : 16 Nov 2018 17:54
Operator : SY/MD
Sample : J5987-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL34

Quant Time: Nov 17 04:47:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157233	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139728	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61630	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30652	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.59	69	23800	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.14	63	44852	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	3.96	46	111802	44.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.48%
24) Chloroform-d	4.41	84	76930	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.09	65	42054	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	156654	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.12	67	51426	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.36	98	145265	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.67	79	18234	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	85808	42.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34638	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	47280	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

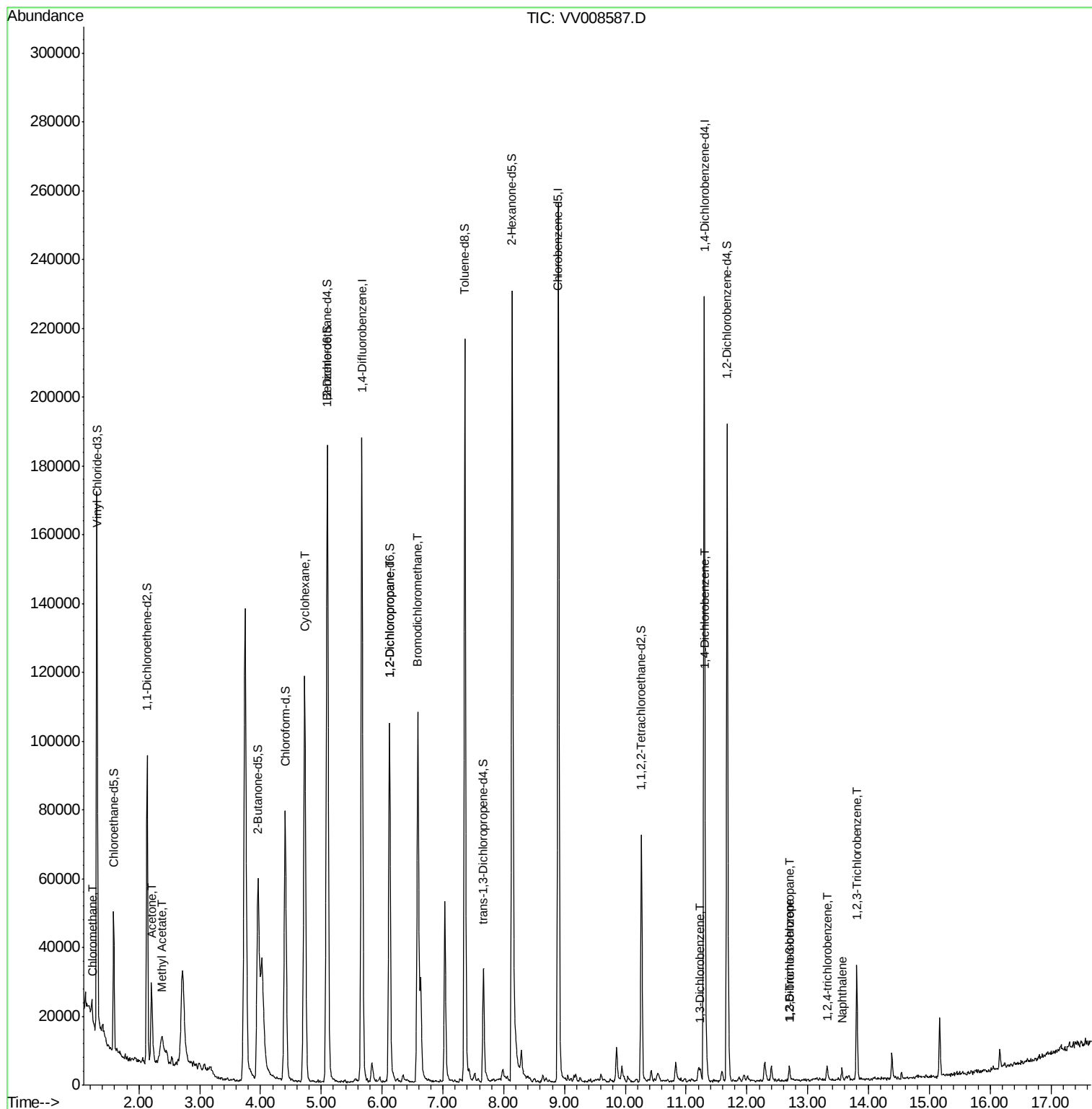
					Qvalue
3) Chloromethane	1.25	50	900	0.083 ug/L	87
13) Acetone	2.21	43	30098	23.094 ug/L	94
15) Methyl Acetate	2.39	43	1229	0.377 ug/L #	54
30) Cyclohexane	4.73	56	66497	3.390 ug/L	100
37) 1,2-Dichloropropane	6.12	63	5599	0.481 ug/L #	89
38) Bromodichloromethane	6.59	83	1188	0.084 ug/L #	1
62) 1,3-Dichlorobenzene	11.23	146	1565	0.078 ug/L	87
63) 1,4-Dichlorobenzene	11.32	146	1828	0.092 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.71	75	176	0.144 ug/L #	11
67) 1,3,5-Trichlorobenzene	12.70	180	1780	0.122 ug/L #	87
68) 1,2,4-trichlorobenzene	13.31	180	1505	0.128 ug/L	94
69) Naphthalene	13.56	128	2645	0.139 ug/L #	87
70) 1,2,3-Trichlorobenzene	13.80	180	1361	0.126 ug/L #	90

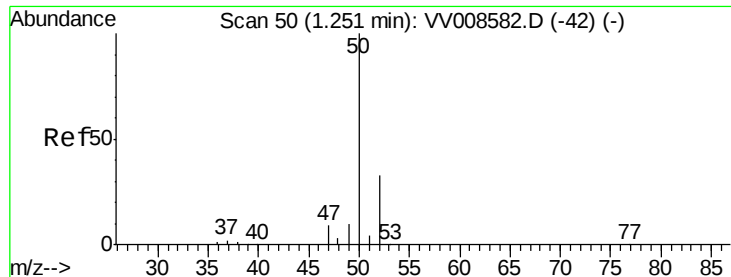
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008587.D

Acq: 16 Nov 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

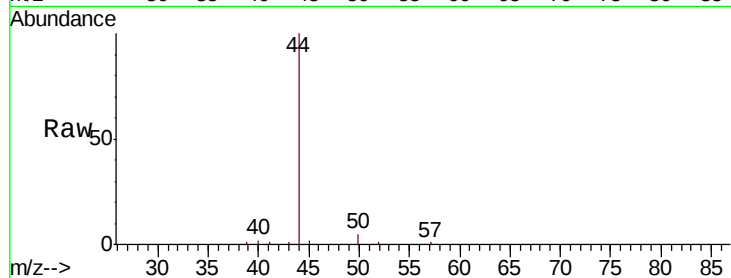
COL34

Tgt Ion: 50 Resp: 900

Ion Ratio Lower Upper

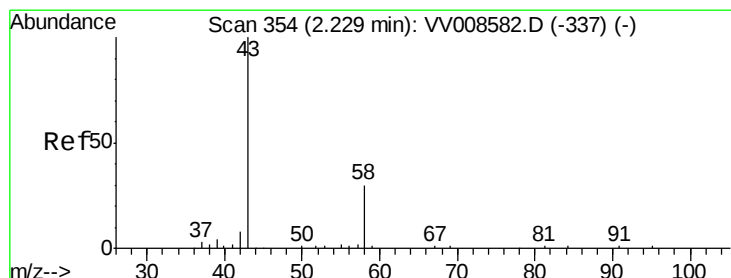
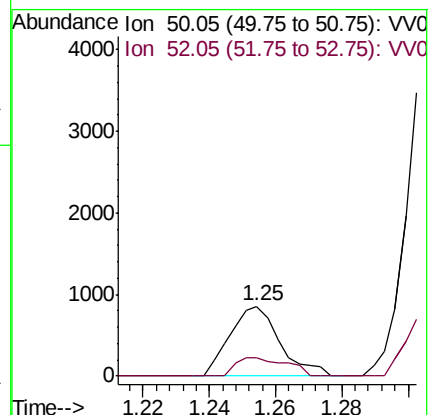
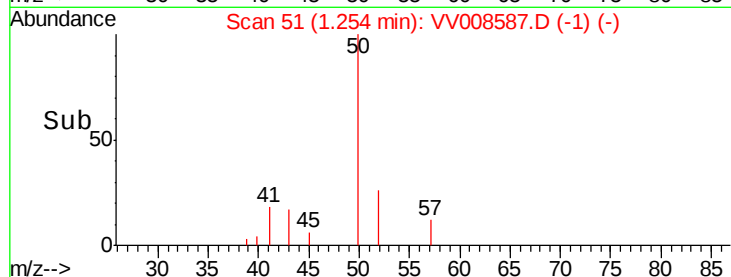
50 100

52 26.1 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV008587.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV008587.D (-1) (-)



#13

Acetone

Concen: 23.094 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV008587.D

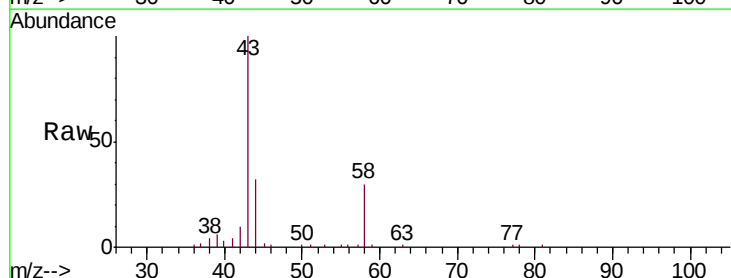
Acq: 16 Nov 2018 17:54

Tgt Ion: 43 Resp: 30098

Ion Ratio Lower Upper

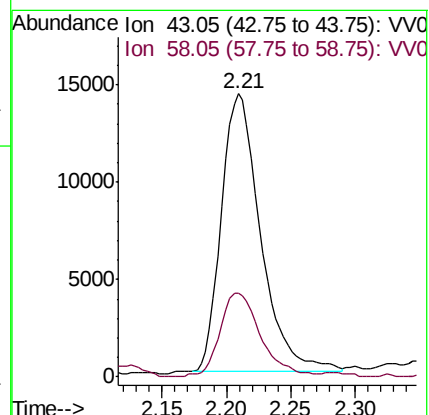
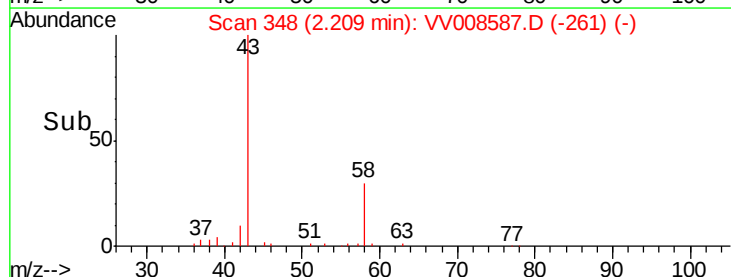
43 100

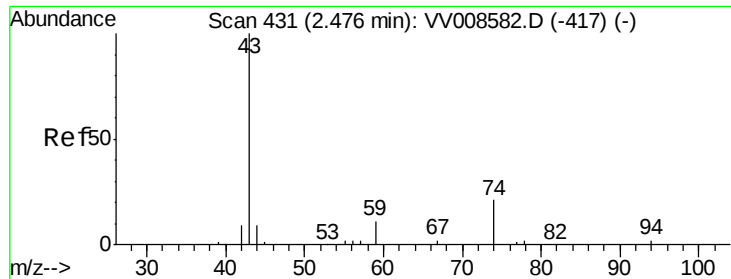
58 31.5 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008587.D (-261) (-)

Ion 58.05 (57.75 to 58.75): VV008587.D (-261) (-)

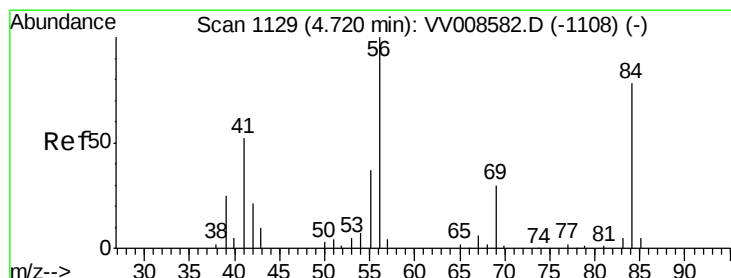
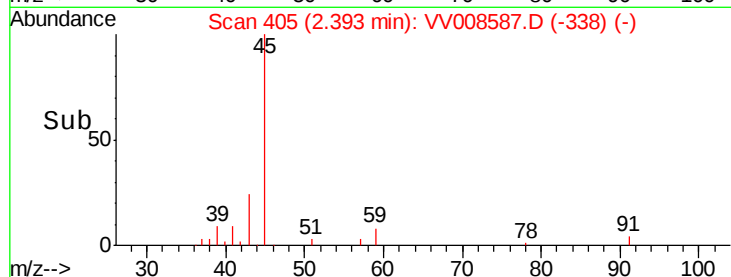
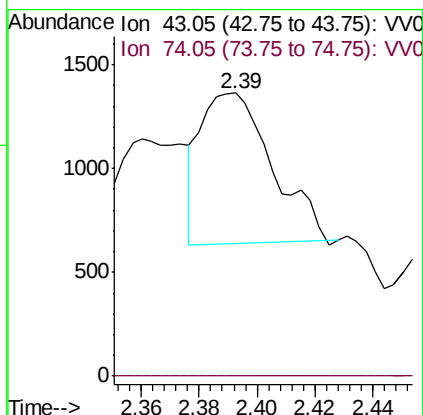
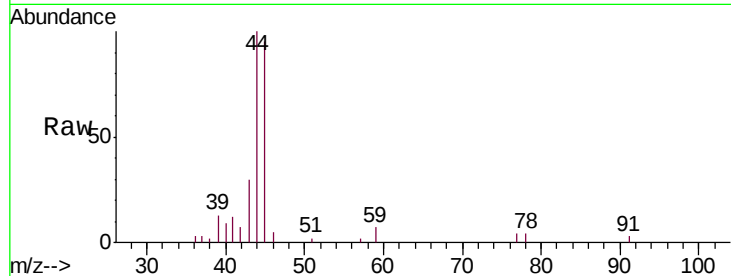




#15
Methyl Acetate
Concen: 0.377 ug/L
RT: 2.39 min Scan# 405
Delta R.T. -0.08 min
Lab File: VV008587.D
Acq: 16 Nov 2018 17:54

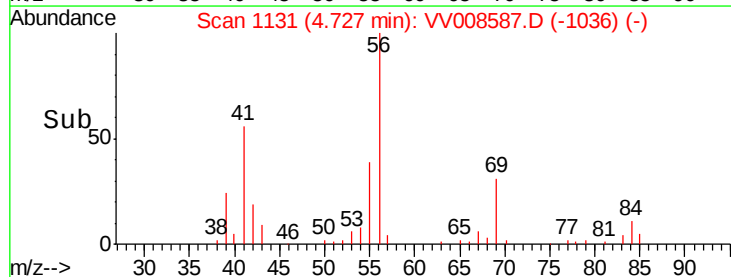
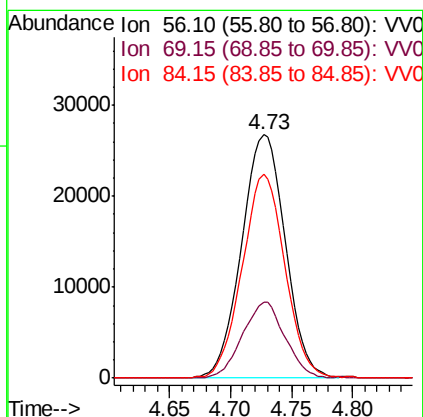
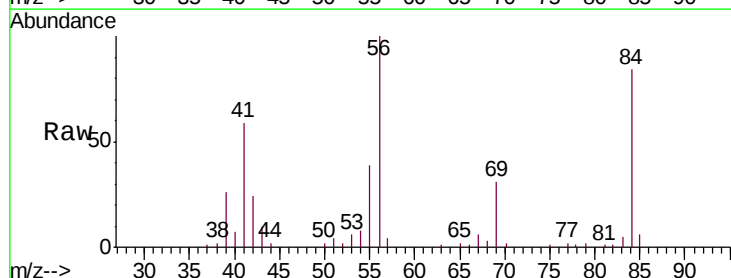
Instrument :
MSVOA_V
ClientSampled :
COL34

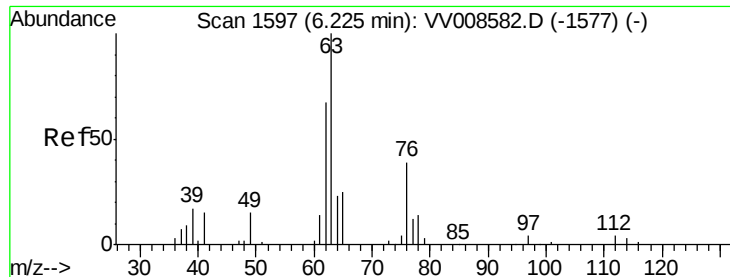
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#30
Cyclohexane
Concen: 3.390 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VV008587.D
Acq: 16 Nov 2018 17:54

Tgt Ion: 56 Resp: 66497
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 81.8 65.7 98.5





#37

1,2-Dichloropropane

Concen: 0.481 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008587.D

Acq: 16 Nov 2018 17:54

Instrument :

MSVOA_V

ClientSampleId :

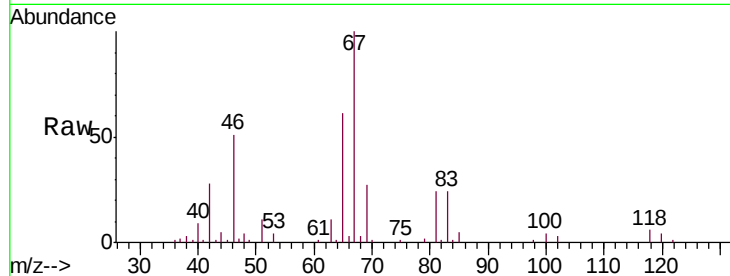
COL34

Tgt Ion: 63 Resp: 5599

Ion Ratio Lower Upper

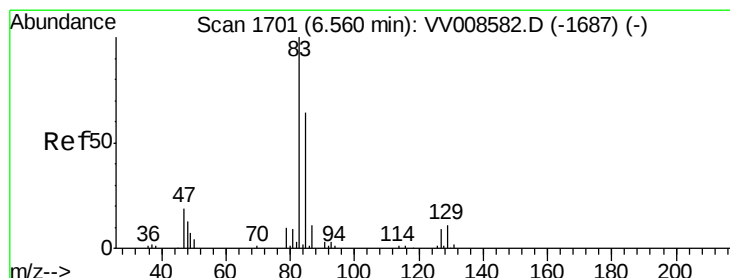
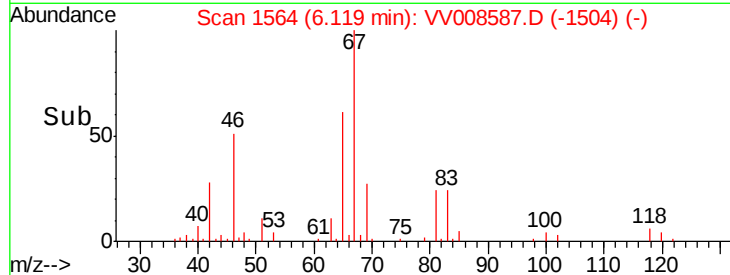
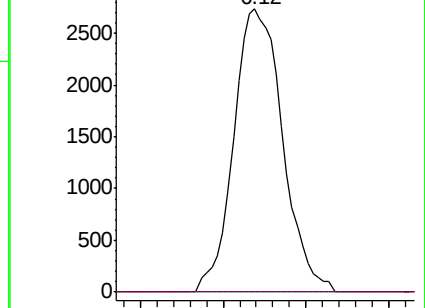
63 100

112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008582.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV008582.D (-1577) (-)



#38

Bromodichloromethane

Concen: 0.084 ug/L

RT: 6.59 min Scan# 1710

Delta R.T. 0.03 min

Lab File: VV008587.D

Acq: 16 Nov 2018 17:54

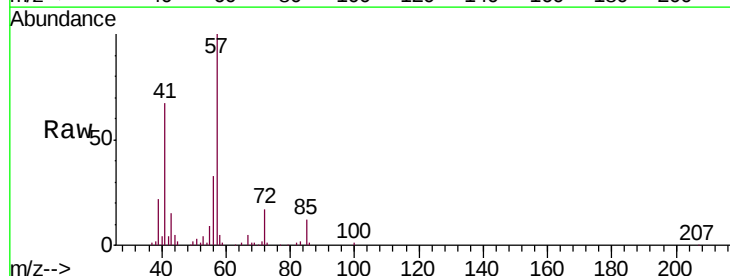
Tgt Ion: 83 Resp: 1188

Ion Ratio Lower Upper

83 100

85 684.3 44.9 83.5#

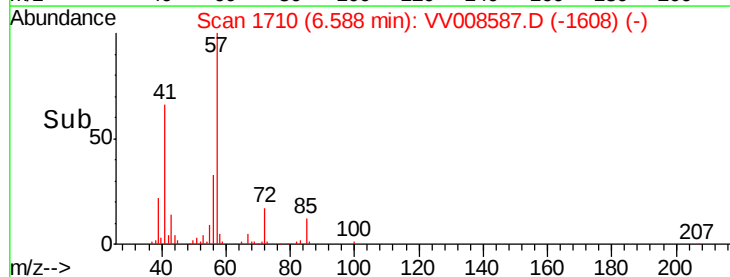
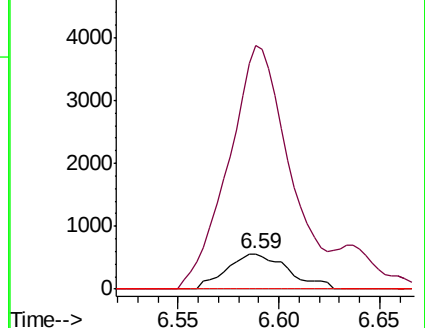
127 0.0 6.9 10.3#

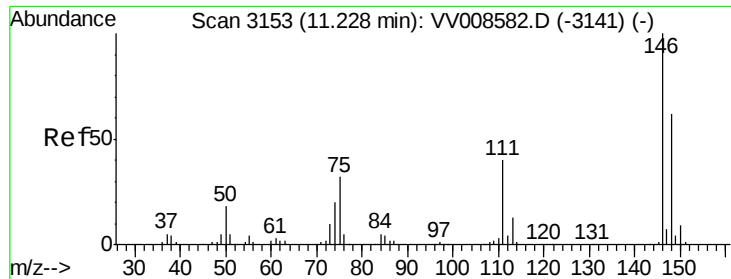


Abundance Ion 82.95 (82.65 to 83.65): VV008582.D (-1687) (-)

Ion 85.00 (84.70 to 85.70): VV008582.D (-1687) (-)

Ion 126.90 (126.60 to 127.60): VV008582.D (-1687) (-)

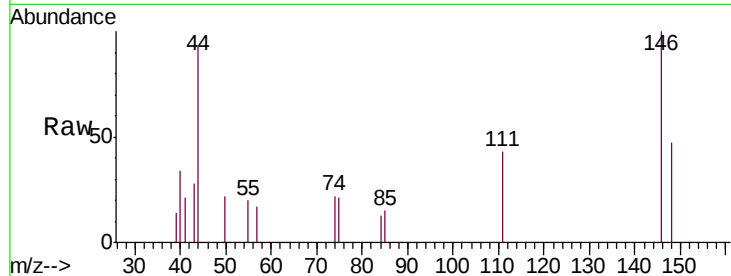




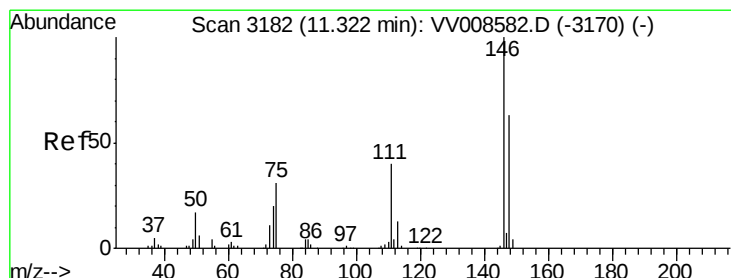
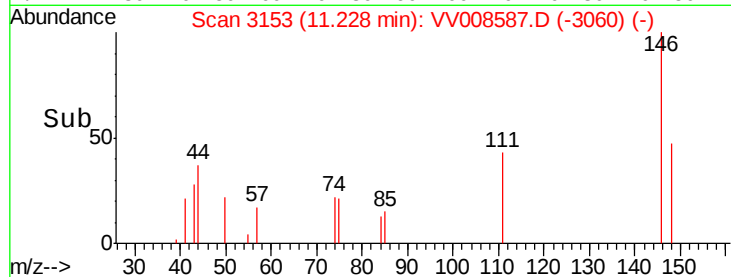
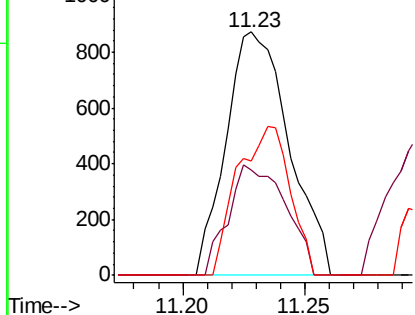
#62
 1,3-Dichlorobenzene
 Concen: 0.078 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV008587.D
 Acq: 16 Nov 2018 17:54

Instrument :
 MSVOA_V
 ClientSampled :
 COL34

Tgt Ion:146 Resp: 1565
 Ion Ratio Lower Upper
 146 100
 111 43.1 28.1 52.1
 148 47.1 43.0 80.0

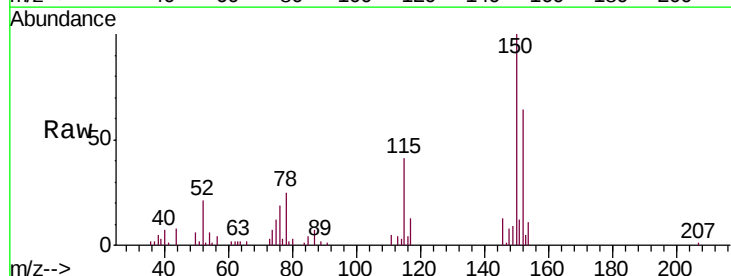


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

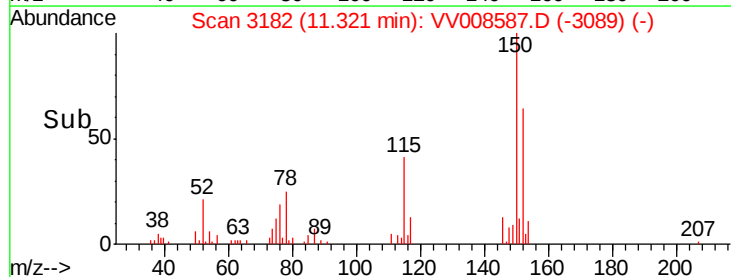
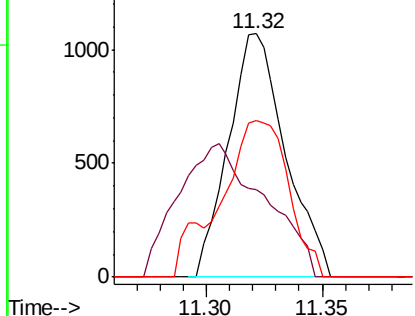


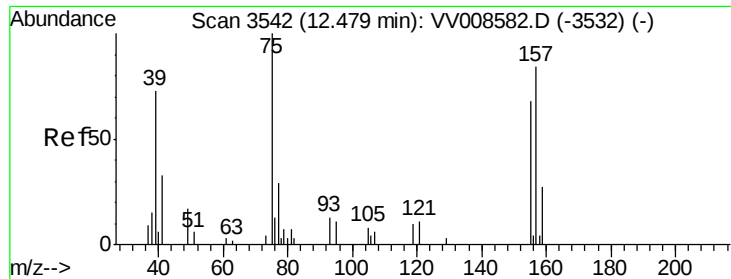
#63
 1,4-Dichlorobenzene
 Concen: 0.092 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008587.D
 Acq: 16 Nov 2018 17:54

Tgt Ion:146 Resp: 1828
 Ion Ratio Lower Upper
 146 100
 111 36.0 28.2 52.4
 148 64.5 44.1 81.9



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

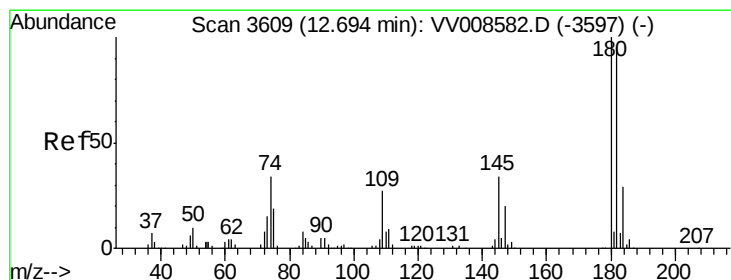
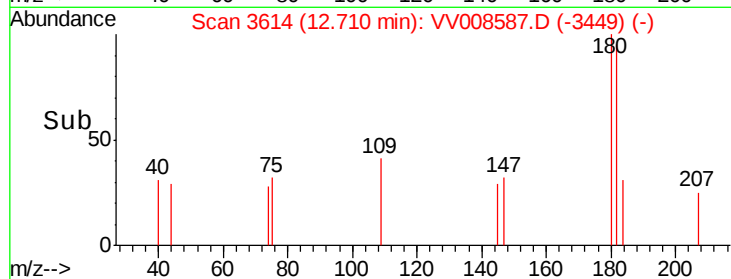
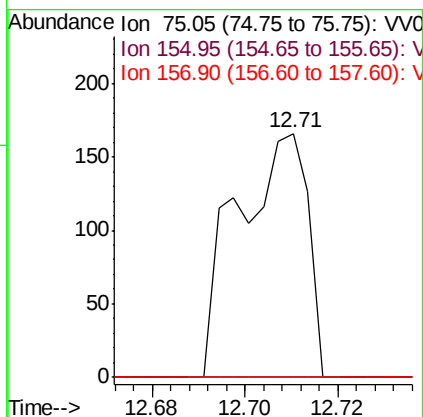
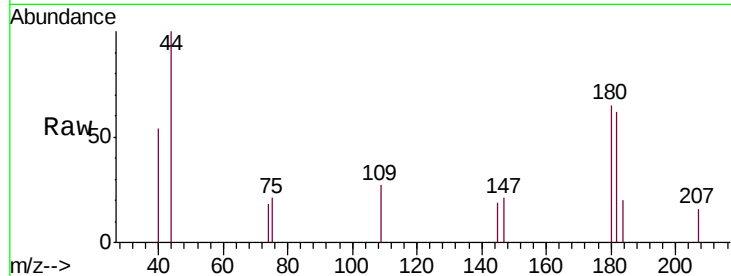




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.144 ug/L
 RT: 12.71 min Scan# 3614
 Delta R.T. 0.23 min
 Lab File: VV008587.D
 Acq: 16 Nov 2018 17:54

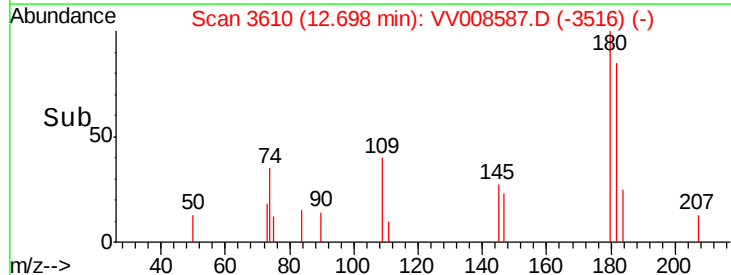
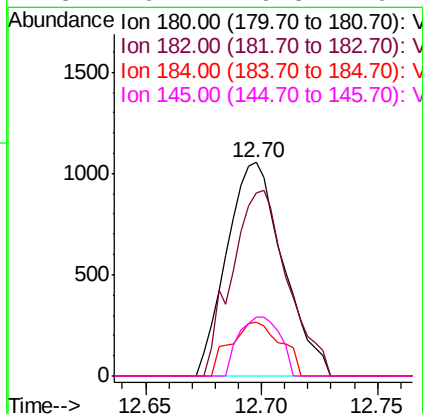
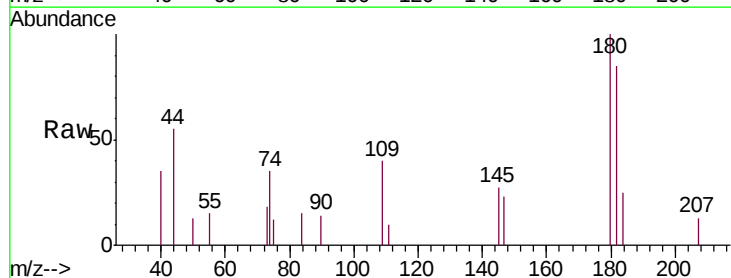
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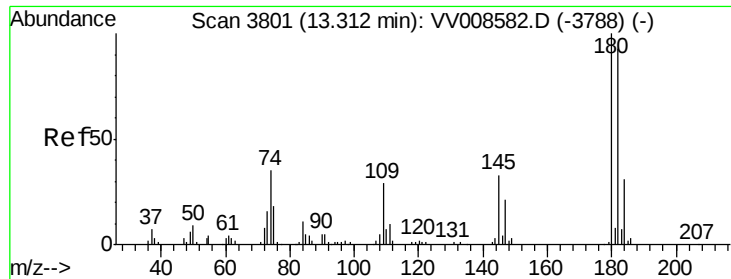
Tgt Ion: 75 Resp: 176
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.2 81.2#
 157 0.0 67.4 101.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.122 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV008587.D
 Acq: 16 Nov 2018 17:54

Tgt Ion: 180 Resp: 1780
 Ion Ratio Lower Upper
 180 100
 182 85.8 75.9 113.9
 184 22.8 23.9 35.9#
 145 20.2 26.8 40.2#

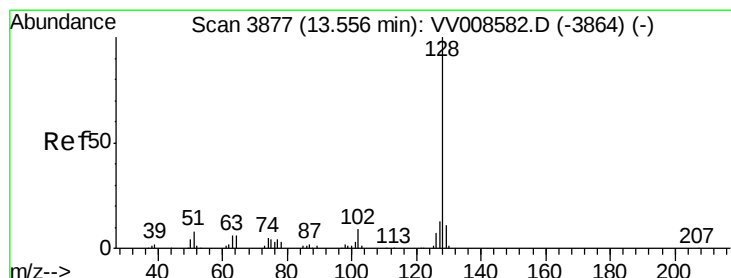
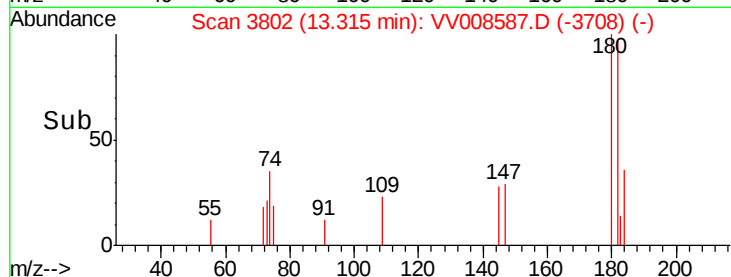
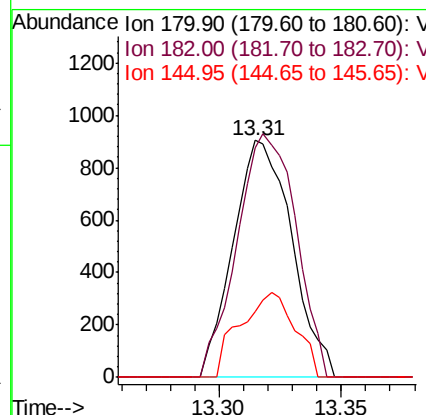
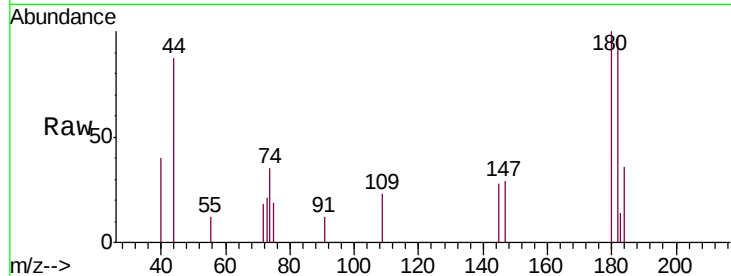




#68
 1,2,4-trichlorobenzene
 Concen: 0.128 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV008587.D
 Acq: 16 Nov 2018 17:54

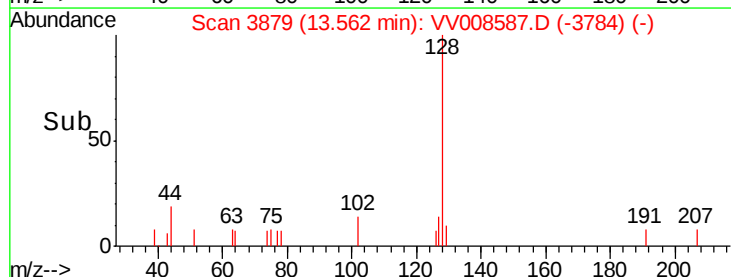
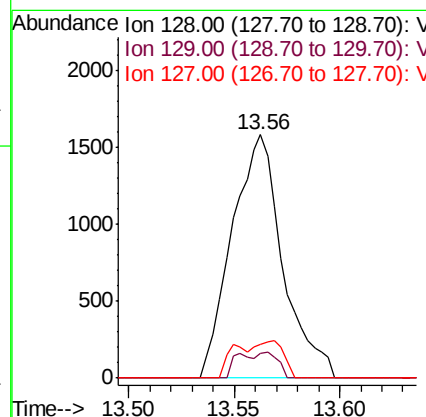
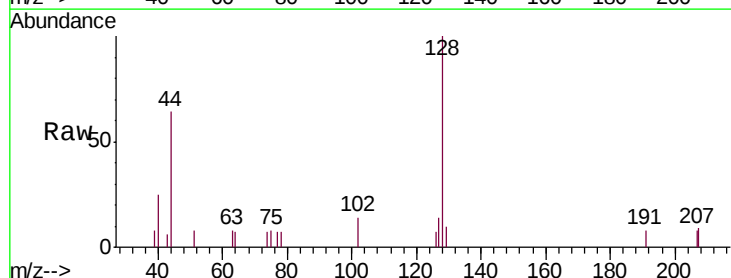
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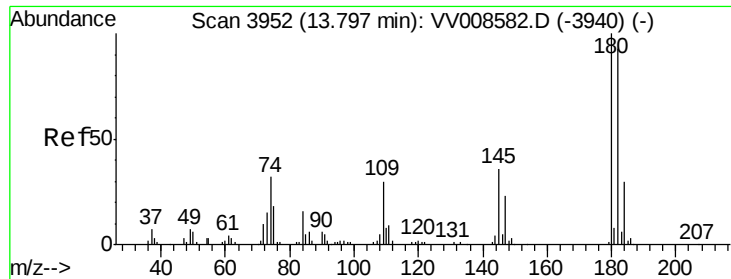
Tgt Ion:180 Resp: 1505
 Ion Ratio Lower Upper
 180 100
 182 103.6 76.4 114.6
 145 33.8 27.1 40.7



#69
 Naphthalene
 Concen: 0.139 ug/L
 RT: 13.56 min Scan# 3879
 Delta R.T. 0.01 min
 Lab File: VV008587.D
 Acq: 16 Nov 2018 17:54

Tgt Ion:128 Resp: 2645
 Ion Ratio Lower Upper
 128 100
 129 4.2 8.8 13.2#
 127 8.8 10.0 15.0#

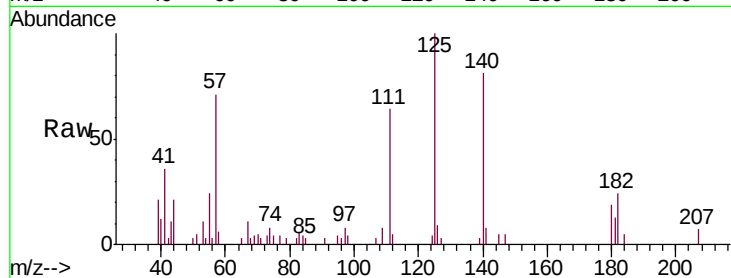




#70
 1,2,3-Trichlorobenzene
 Concen: 0.126 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV008587.D
 Acq: 16 Nov 2018 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 COL34

Tgt Ion:180 Resp: 1361
 Ion Ratio Lower Upper
 180 100
 182 100.0 76.0 114.0
 145 22.0 28.2 42.2#



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

