

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018598.D
 Acq On : 01 Oct 2020 19:13
 Operator : SY/MD
 Sample : L4117-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Oct 02 04:19:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	280559	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88126	53.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.12%
7) Chloroethane-d5	1.58	69	80539	59.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.12	63	140990	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.10%
21) 2-Butanone-d5	3.92	46	112675	91.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	4.38	84	168462	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
26) 1,2-Dichloroethane-d4	5.06	65	120129	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
32) Benzene-d6	5.07	84	340058	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.09	67	104680	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.64%
41) Toluene-d8	7.34	98	308706	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%
43) trans-1,3-Dichloropropene-	7.64	79	52743	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.00%
47) 2-Hexanone-d5	8.11	63	61343	76.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	117736	41.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	136008	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%

Target Compounds

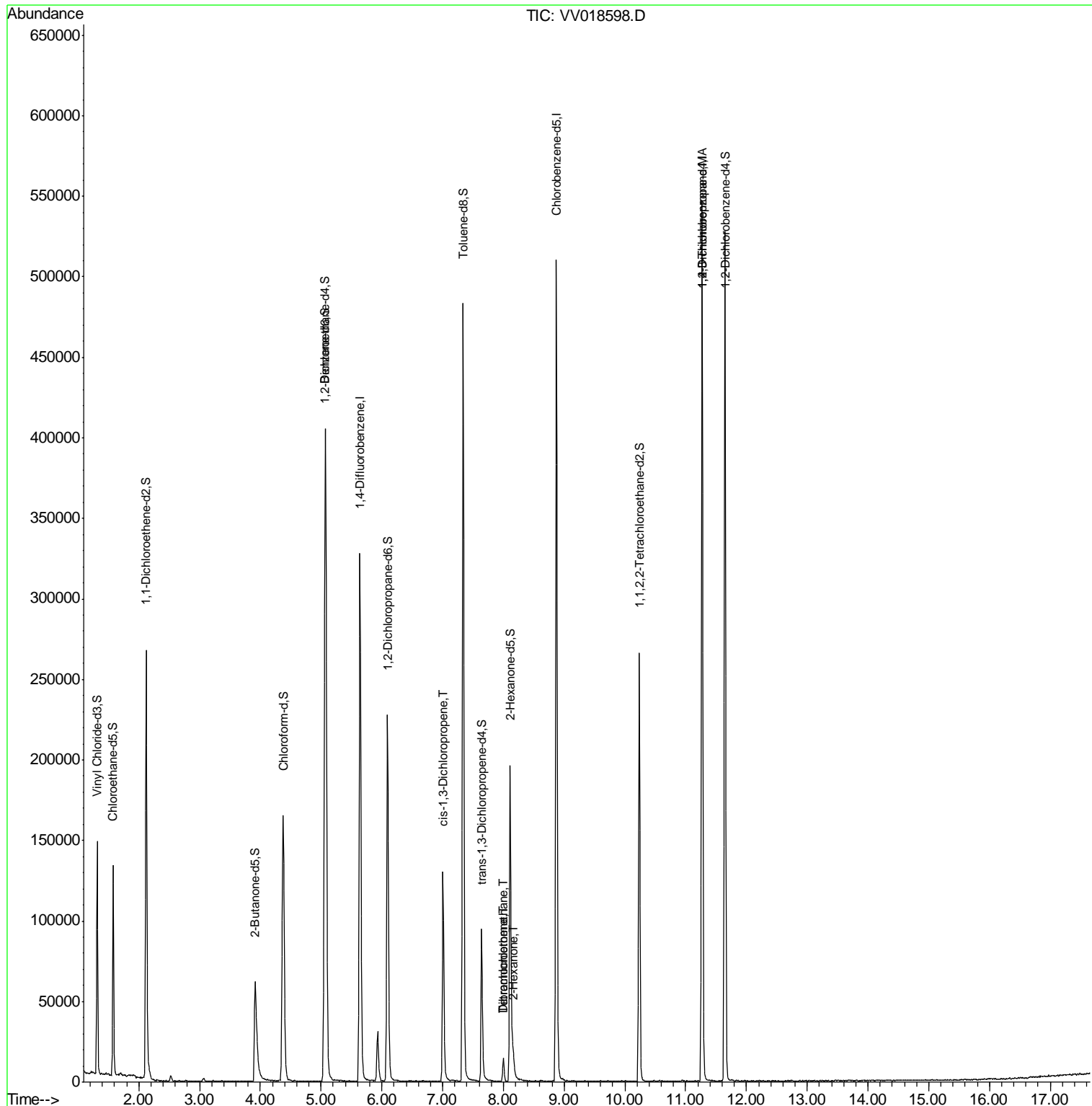
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
39) cis-1,3-Dichloropropene	7.01	75	3146	0.959	ug/L #	54
46) Tetrachloroethene	8.00	164	3439	1.792	ug/L	90
48) 2-Hexanone	8.16	43	8538	4.057	ug/L #	58
49) Dibromochloromethane	8.00	129	2908	1.229	ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	15226	5.988	ug/L	90

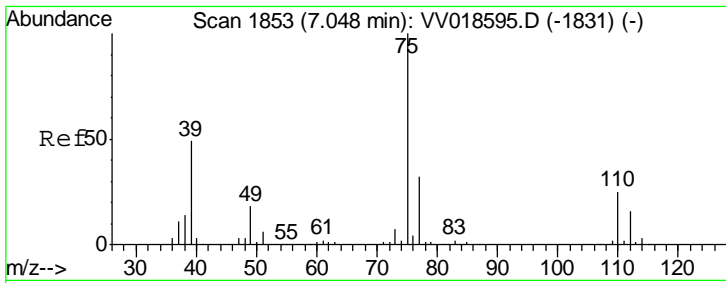
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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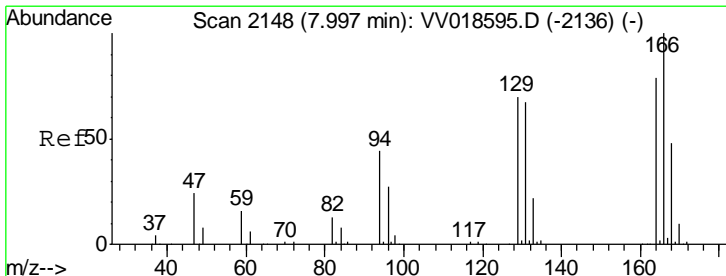
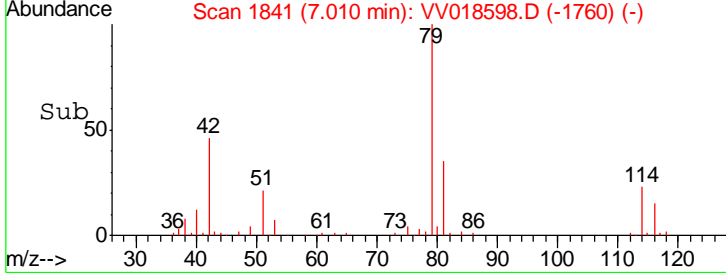
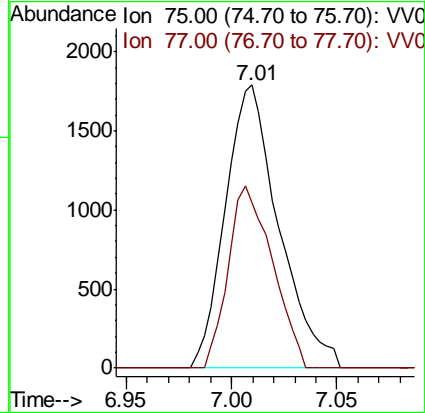
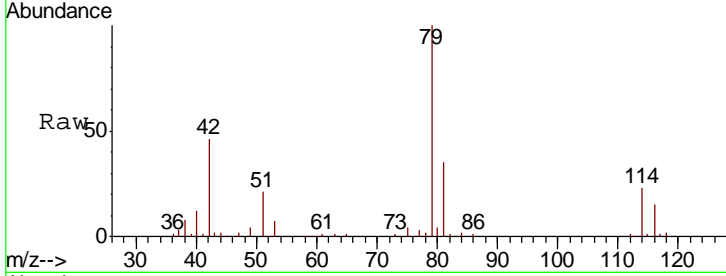




#39
 cis-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018598.D
 Acq: 01 Oct 2020 19:13

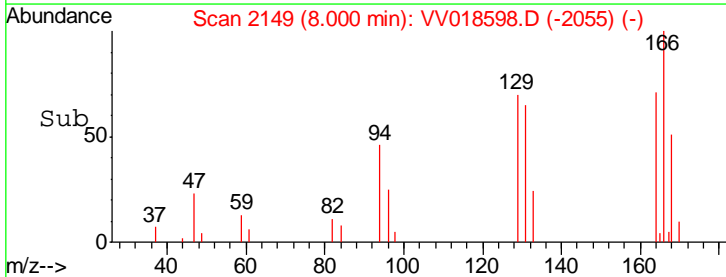
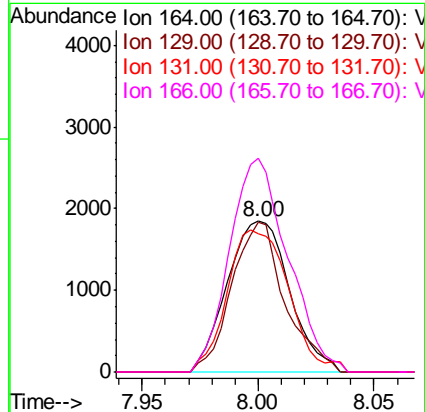
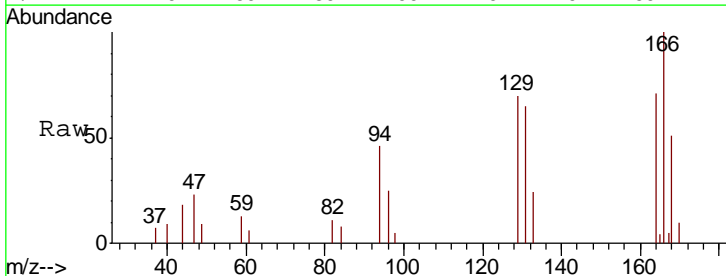
Instrument : MSVOA_V
 ClientSampled : VHBLK01

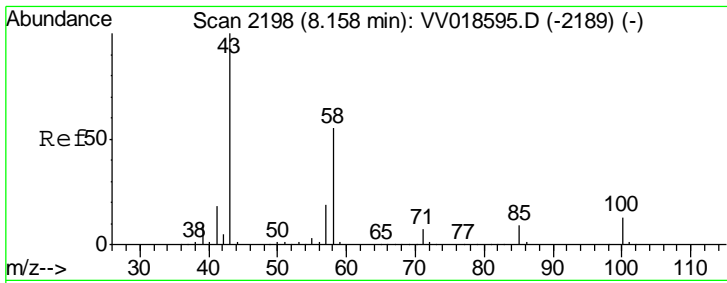
Tgt Ion: 75 Resp: 3146
 Ion Ratio Lower Upper
 75 100
 77 58.7 23.0 42.6#



#46
 Tetrachloroethene
 Concen: 1.792 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV018598.D
 Acq: 01 Oct 2020 19:13

Tgt Ion: 164 Resp: 3439
 Ion Ratio Lower Upper
 164 100
 129 99.8 62.8 116.6
 131 91.8 60.8 112.8
 166 141.8 88.9 165.1

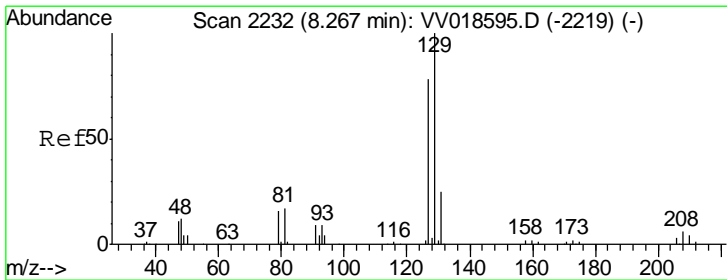
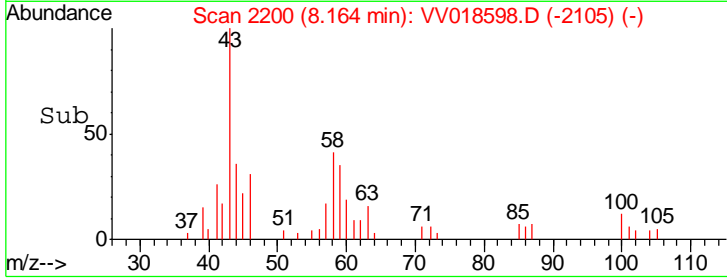
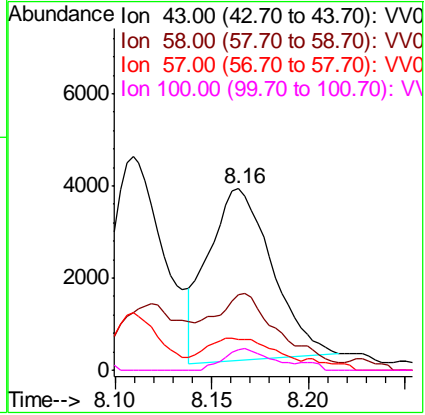
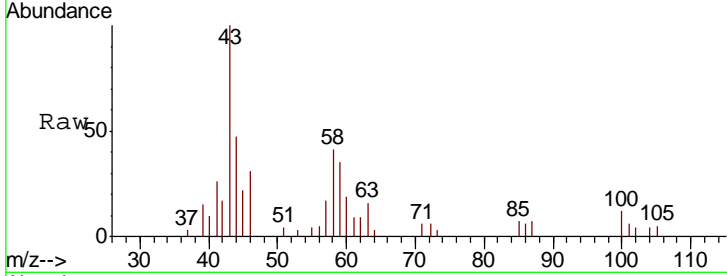




#48
 2-Hexanone
 Concen: 4.057 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018598.D
 Acq: 01 Oct 2020 19:13

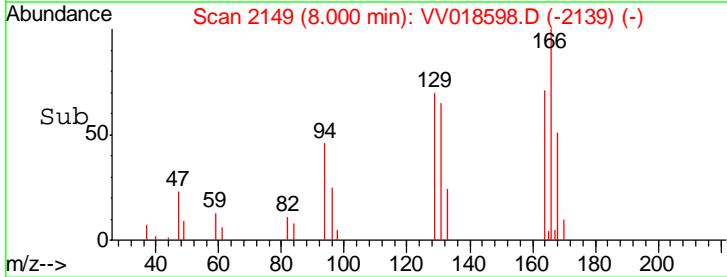
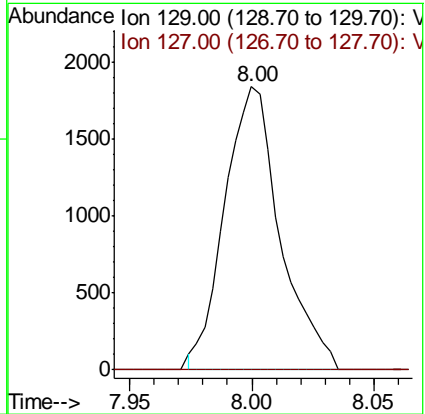
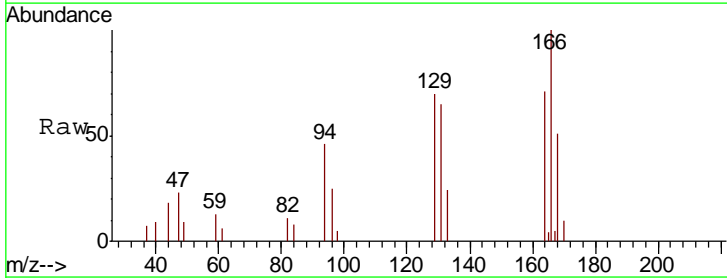
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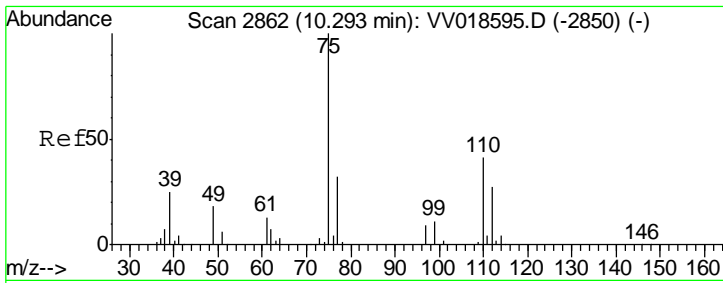
Tgt Ion	Resp	Lower	Upper
43	100		
58	17.6	45.1	67.7#
57	5.2	15.7	23.5#
100	9.2	11.0	16.4#



#49
 Dibromochloromethane
 Concen: 1.229 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. -0.27 min
 Lab File: VV018598.D
 Acq: 01 Oct 2020 19:13

Tgt Ion	Resp	Lower	Upper
129	100		
127	0.0	54.1	100.5#

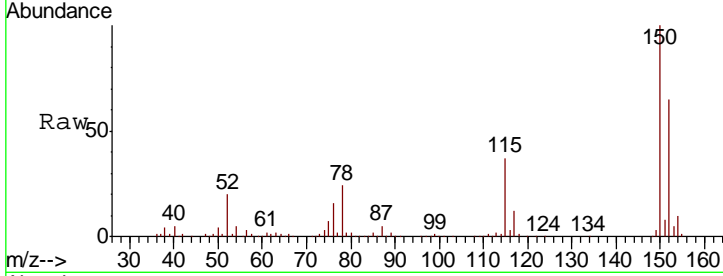




#59
 1,2,3-Trichloropropane
 Concen: 5.988 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018598.D
 Acq: 01 Oct 2020 19:13

Instrument :
 MSVOA_V
 ClientSampled :
 VHBLK01

Tot Ion: 75 Resp: 15226
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0

