

Data File : VW015575.D
Acq On : 09 Jun 2020 16:20
Operator : SY/VA
Sample : L2848-18RE
Misc : 4.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AH3

Quant Time: Jun 10 03:30:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 12:46:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	372734	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149088	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107364	31.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.72%
7) Chloroethane-d5	2.90	69	85794	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
10) 1,1-Dichloroethene-d2	4.02	63	155816	18.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.88%
20) 2-Butanone-d5	7.09	46	37548	33.67	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.34%
24) Chloroform-d	7.65	84	191929	22.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	8.31	65	103298	21.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.16%
29) Benzene-d6	8.27	84	387469	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.28	67	112525	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.84%
37) Toluene-d8	10.33	98	362606	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.58	79	44127	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.16%
39) 2-Hexanone-d5	10.93	63	29446	33.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68337	18.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	110500	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

Target Compounds

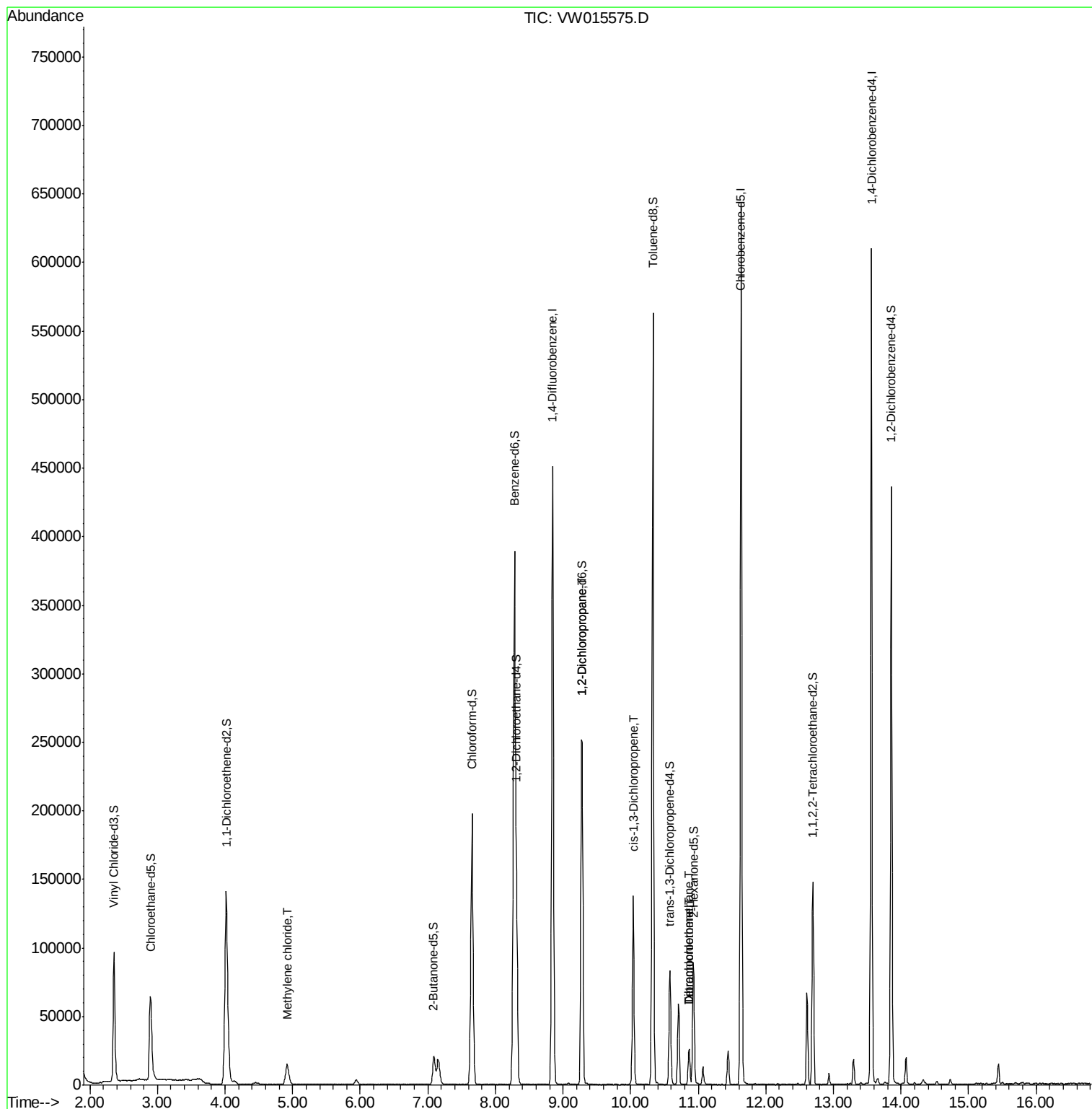
					Qvalue
16) Methylene chloride	4.92	84	11889	2.599 ug/L	91
40) 1,2-Dichloropropane	9.27	63	13675	2.954 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3559	0.480 ug/L	85
47) Tetrachloroethene	10.87	164	5656	1.413 ug/L	96
50) Dibromochloromethane	10.87	129	5531	1.406 ug/L #	12

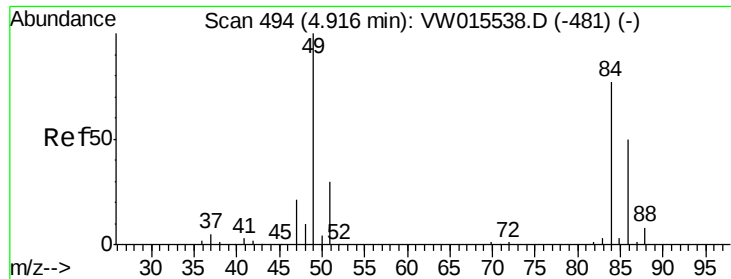
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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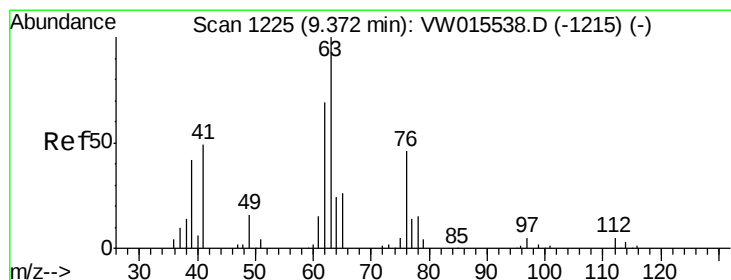
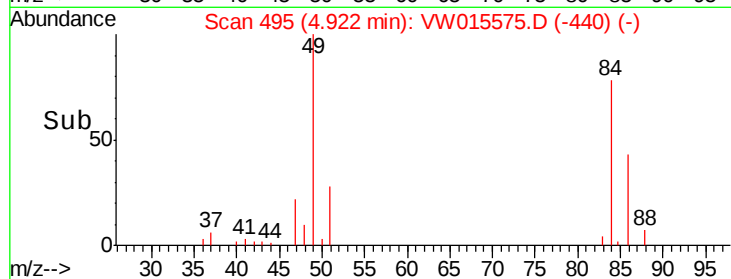
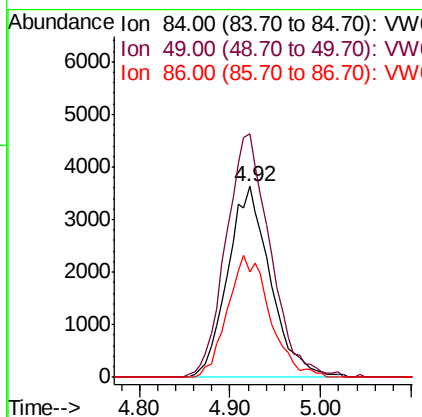
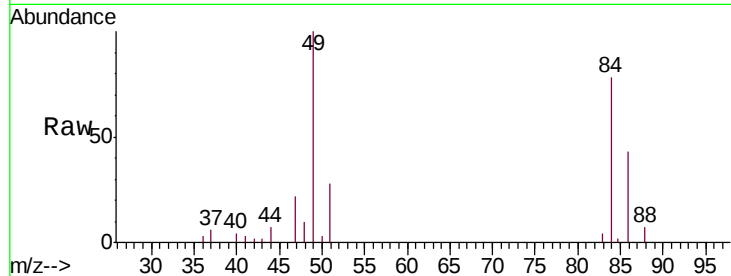




#16
Methylene chloride
Concen: 2.599 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015575.D
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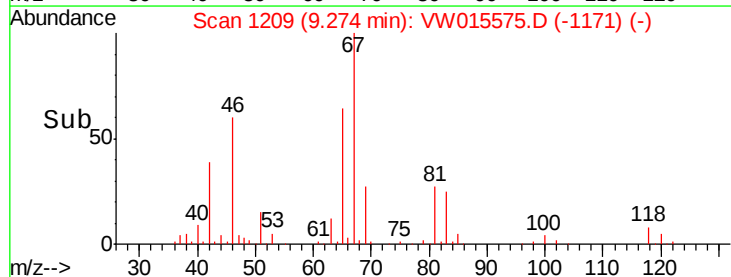
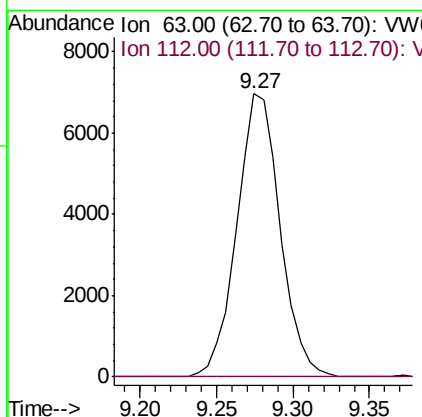
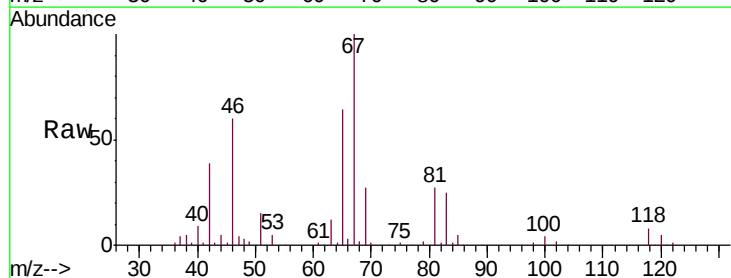
Instrument :
MSVOA_W
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C0AH3

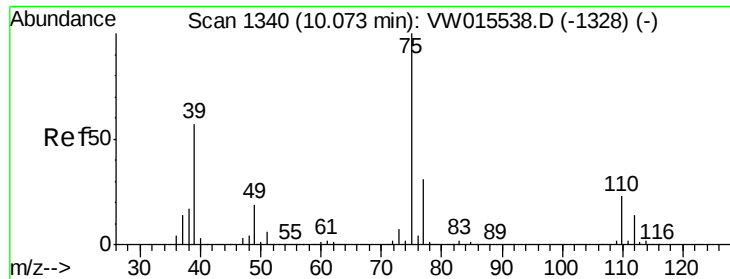
Tgt Ion: 84 Resp: 11889
Ion Ratio Lower Upper
84 100
49 123.9 93.0 172.8
86 53.6 44.7 83.1



#40
1,2-Dichloropropane
Concen: 2.954 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015575.D
Acq: 09 Jun 2020 16:20

Tgt Ion: 63 Resp: 13675
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

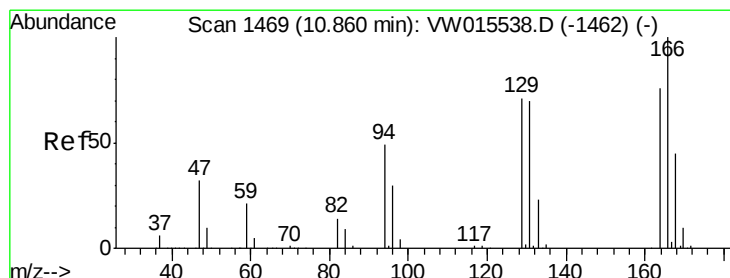
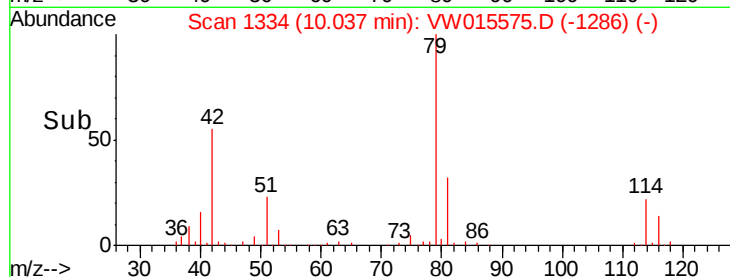
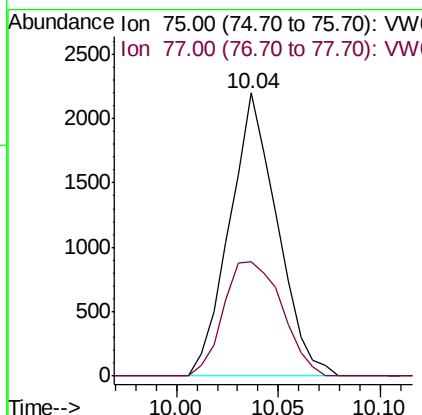
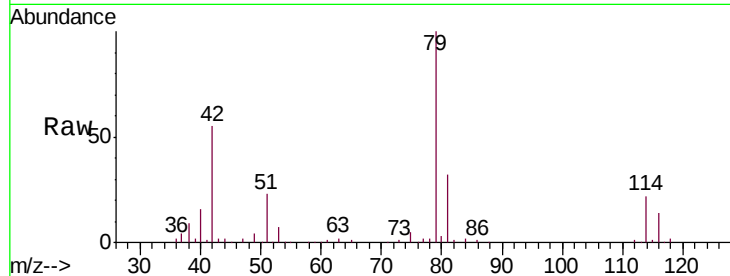




#42
 cis-1,3-Dichloropropene
 Concen: 0.480 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015575.D
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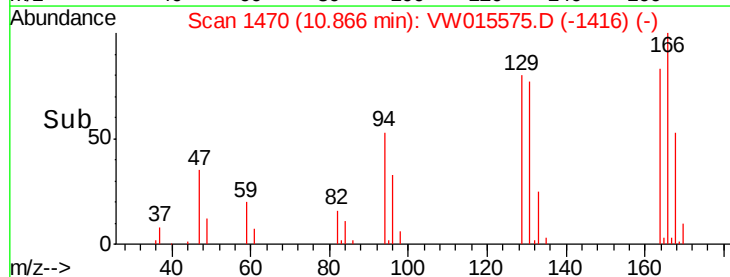
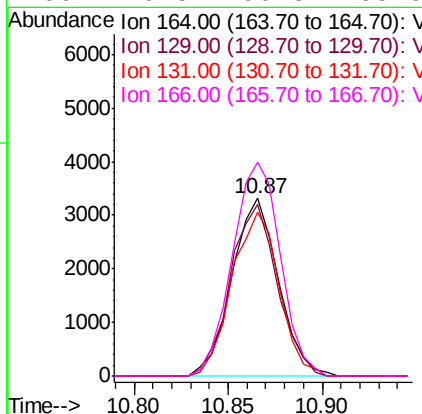
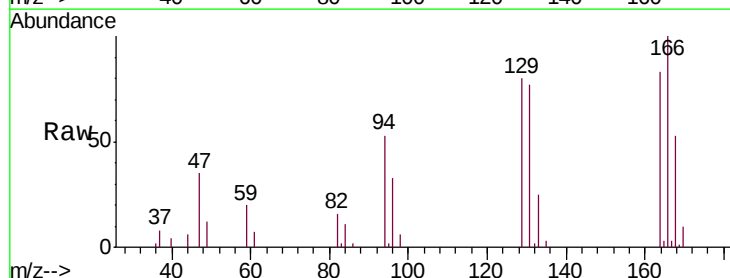
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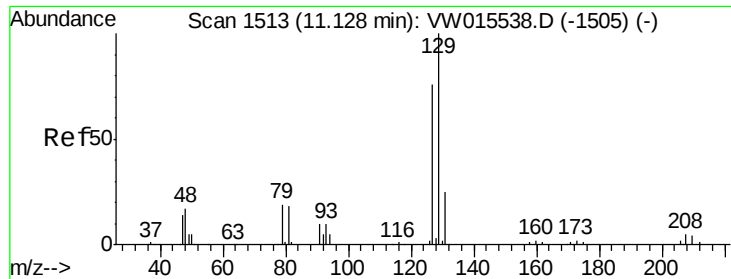
Tgt Ion: 75 Resp: 3559
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.3 41.5



#47
 Tetrachloroethene
 Concen: 1.413 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW015575.D
 Acq: 09 Jun 2020 16:20

Tgt Ion: 164 Resp: 5656
 Ion Ratio Lower Upper
 164 100
 129 96.8 66.3 123.1
 131 92.3 65.1 120.9
 166 120.5 90.8 168.6

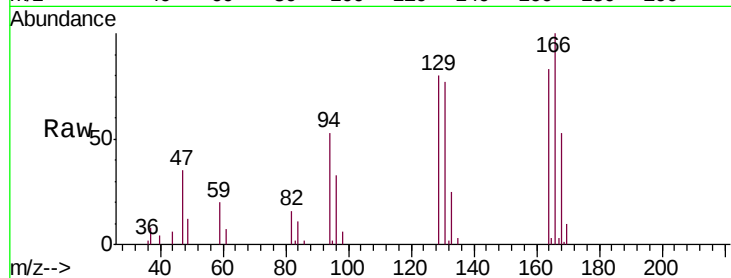




#50
 Dibromochloromethane
 Concen: 1.406 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
 Lab File: VW015575.D
 Acq: 09 Jun 2020 16:20

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AH3

Tgt Ion:129 Resp: 5531
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

