

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016204.D
 Acq On : 26 May 2020 20:46
 Operator : SY/MD
 Sample : L2753-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 03:16:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99714	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	95654	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30329	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	26823	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	42146	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	82607	52.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.00%
24) Chloroform-d	4.38	84	59644	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	33169	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	117642	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.10	67	36930	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	109061	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
45) trans-1,3-Dichloropropene-	7.65	79	13295	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
48) 2-Hexanone-d5	8.12	63	62182	49.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26339	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	38272	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

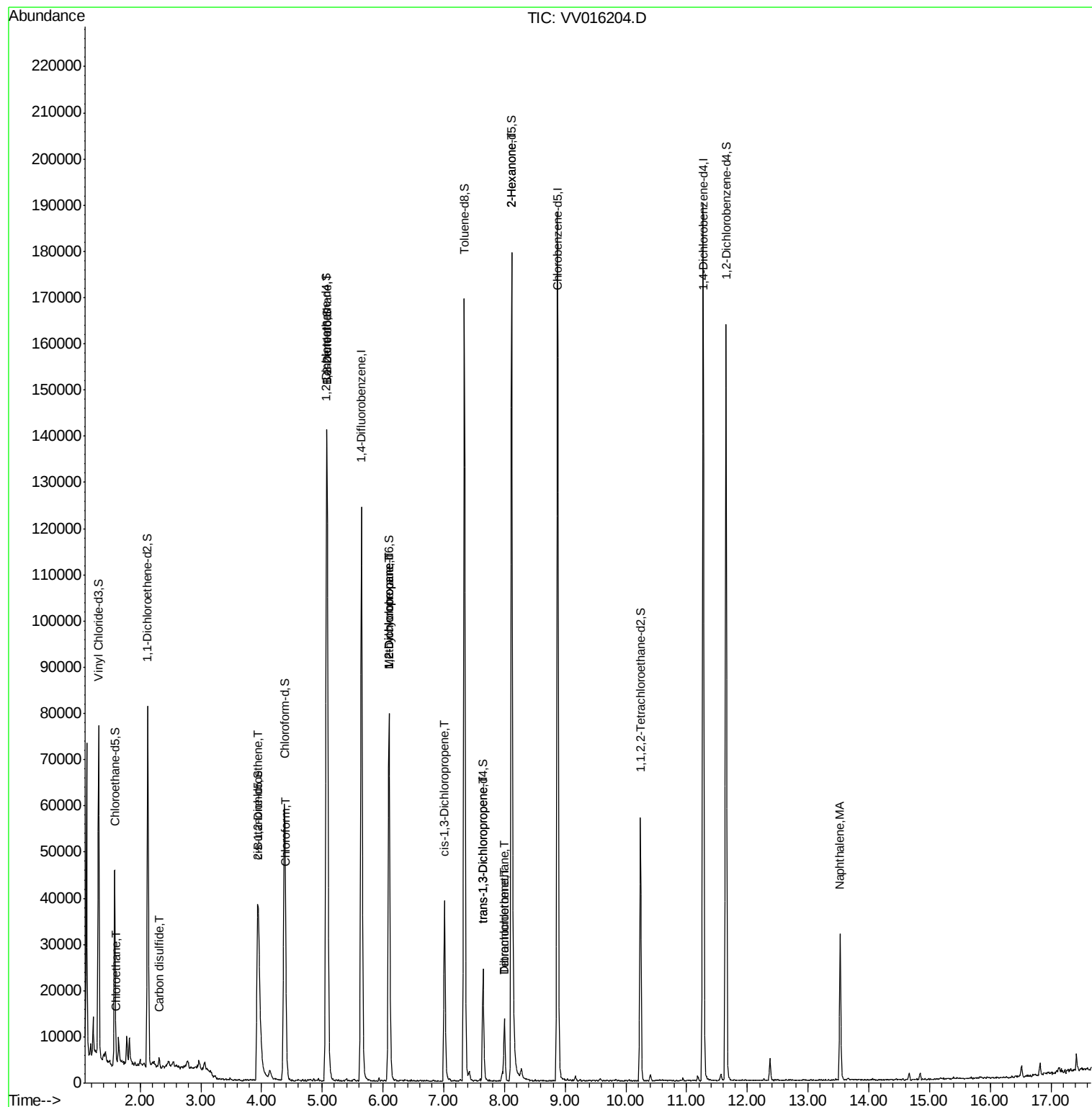
					Ovalue
8) Chloroethane	1.61	64	1654	0.339 ug/L #	42
14) Carbon disulfide	2.31	76	1744	0.096 ug/L #	85
22) cis-1,2-Dichloroethene	3.94	96	569	0.075 ug/L	87
25) Chloroform	4.41	83	1583	0.122 ug/L	99
27) 1,2-Dichloroethane	5.07	62	842	0.100 ug/L #	79
35) Methylcyclohexane	6.10	83	8881	0.734 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4339	0.643 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1159	0.121 ug/L #	70
46) trans-1,3-Dichloropropene	7.65	75	609	0.077 ug/L #	78
49) Tetrachloroethene	8.00	164	2941	0.571 ug/L	95
50) 2-Hexanone	8.12	43	8407	2.870 ug/L #	76
51) Dibromochloromethane	8.00	129	2909	0.619 ug/L #	10
70) Naphthalene	13.53	128	24488	1.348 ug/L	99

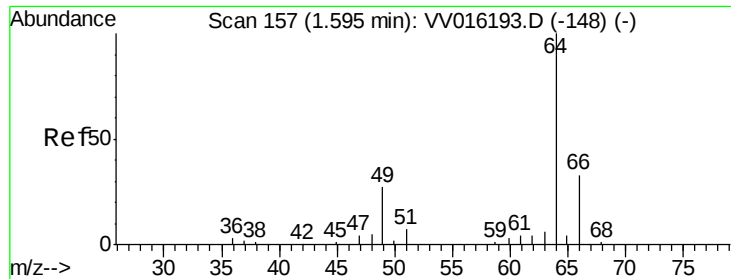
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.339 ug/L

RT: 1.61 min Scan# 163

Delta R.T. 0.02 min

Lab File: VV016204.D

Acq: 26 May 2020 20:46

Instrument :

MSVOA_V

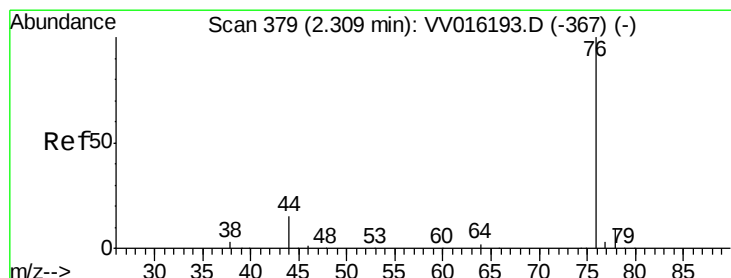
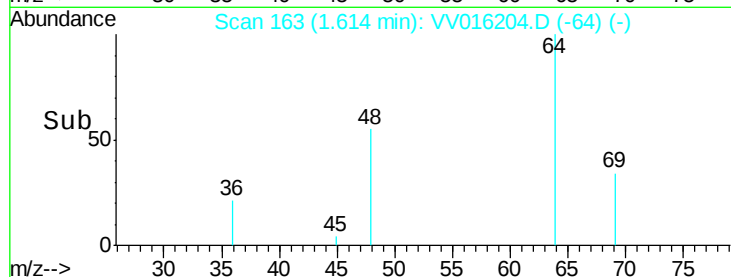
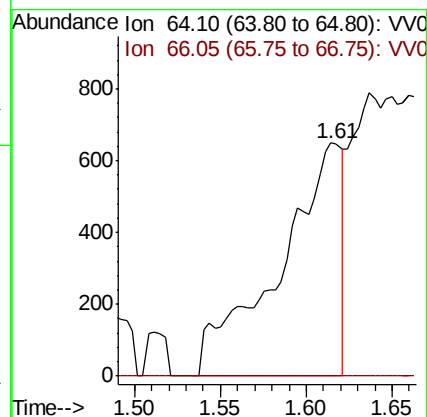
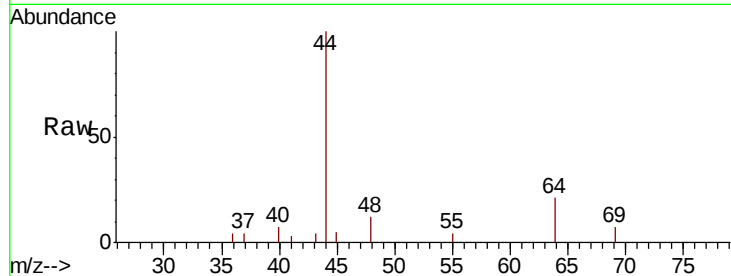
ClientSampleId :

Tot Ion: 64 Resp: 1654

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#



#14

Carbon disulfide

Concen: 0.096 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV016204.D

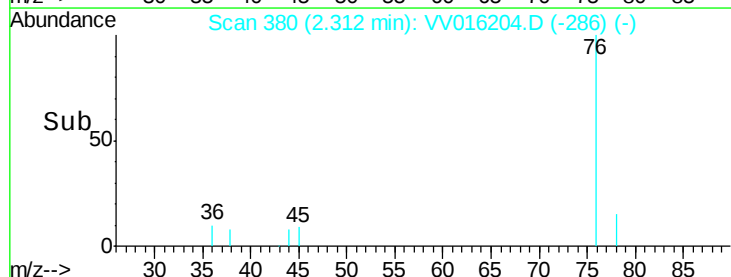
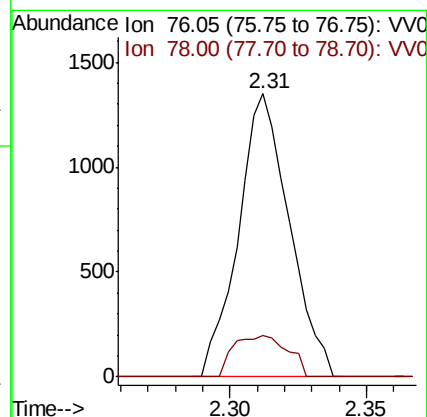
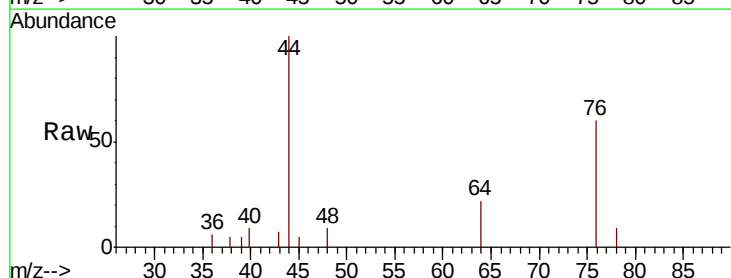
Acq: 26 May 2020 20:46

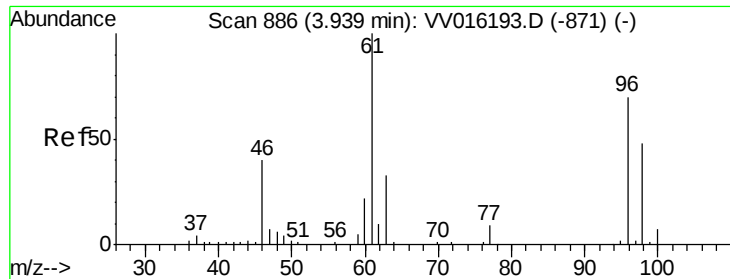
Tgt Ion: 76 Resp: 1744

Ion Ratio Lower Upper

76 100

78 14.8 7.4 11.0#



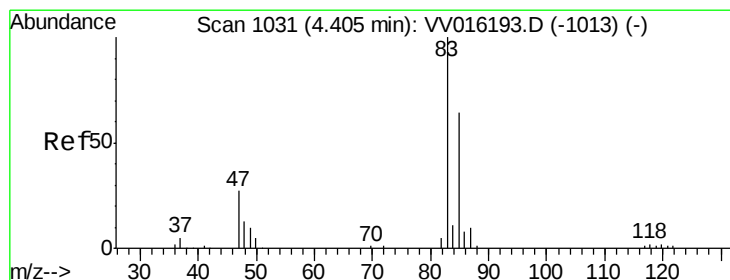
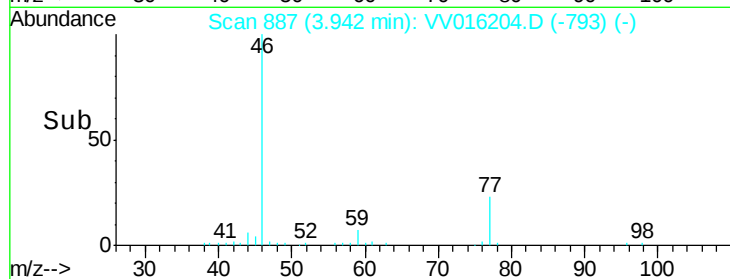
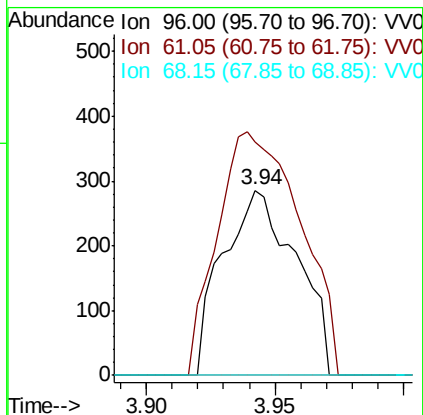
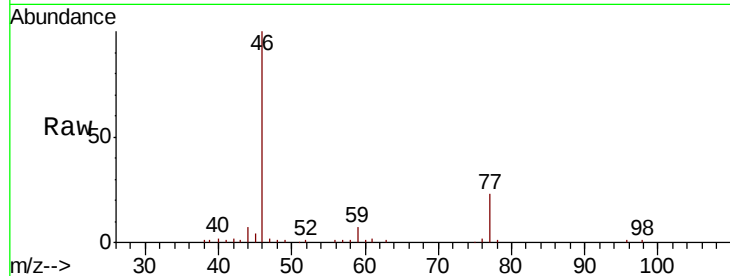


#22

cis-1,2-Dichloroethene
 Concen: 0.075 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV016204.D
 Acq: 26 May 2020 20:46

Instrument :
 MSVOA_V
 ClientSampled :

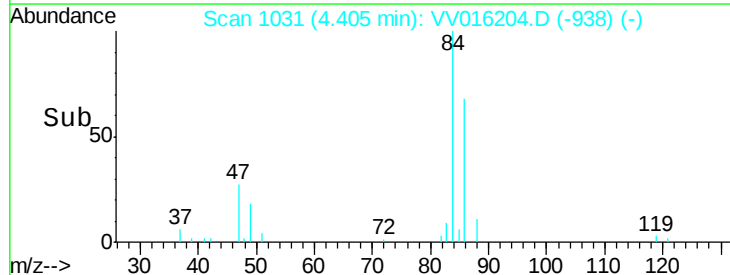
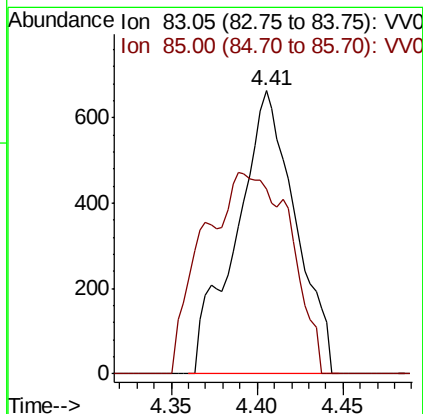
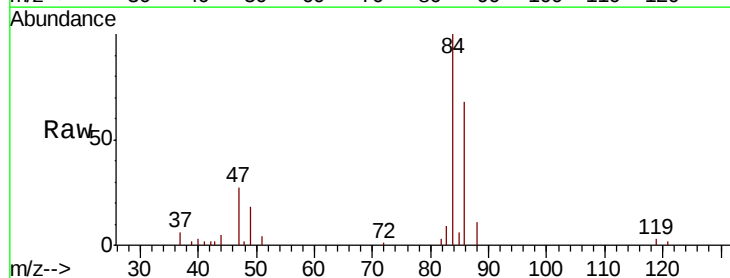
Tot Ion: 96 Resp: 569
 Ion Ratio Lower Upper
 96 100
 61 125.9 99.7 185.1
 68 0.0 0.0 0.0

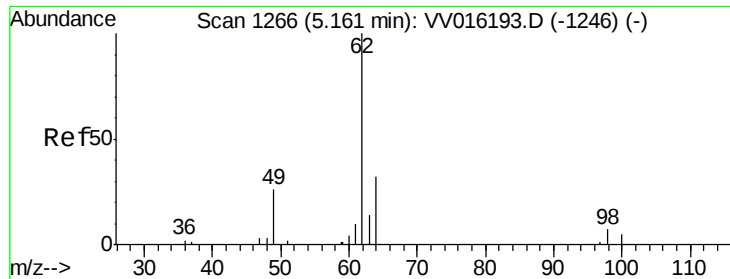


#25

Chloroform
 Concen: 0.122 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VV016204.D
 Acq: 26 May 2020 20:46

Tgt Ion: 83 Resp: 1583
 Ion Ratio Lower Upper
 83 100
 85 65.5 45.1 83.7

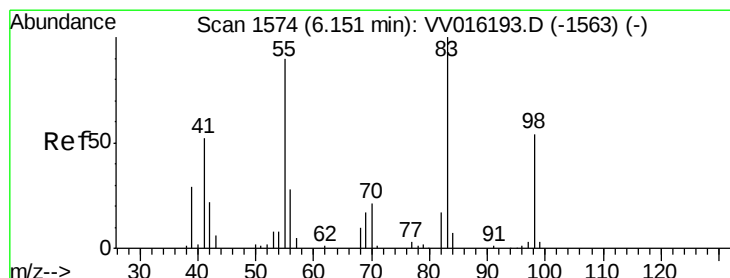
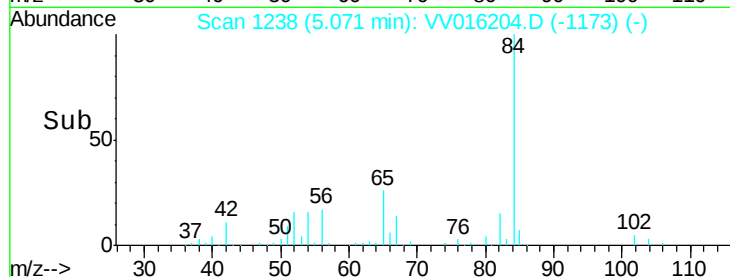
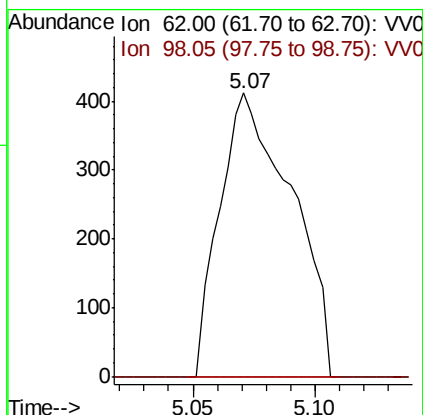
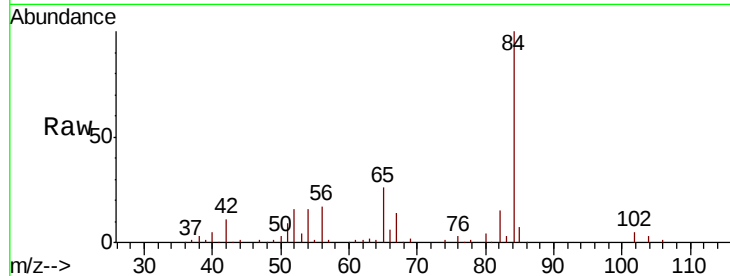




#27
 1,2-Dichloroethane
 Concen: 0.100 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.09 min
 Lab File: VV016204.D
 Acq: 26 May 2020 20:46

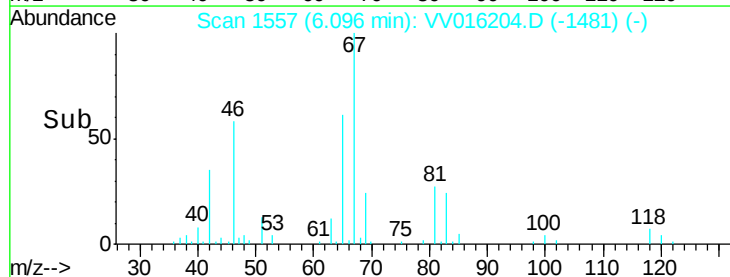
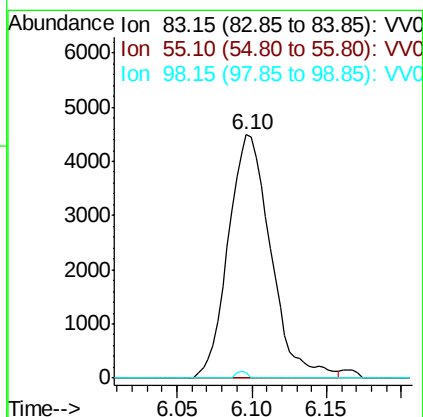
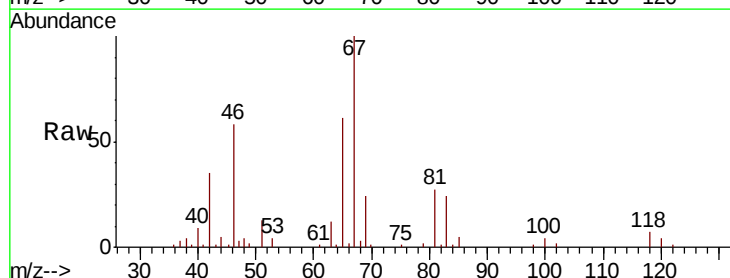
Instrument :
 MSVOA_V
 ClientSampleId :

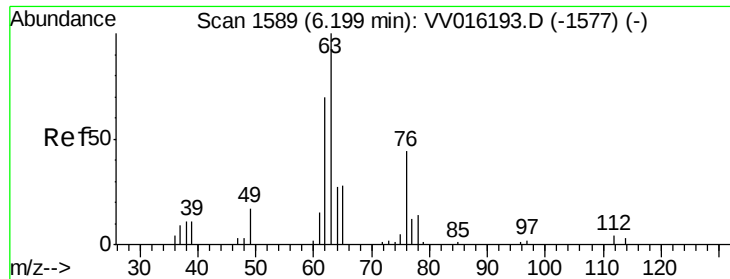
Tot Ion: 62 Resp: 842
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.734 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016204.D
 Acq: 26 May 2020 20:46

Tgt Ion: 83 Resp: 8881
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 0.7 39.3 58.9#

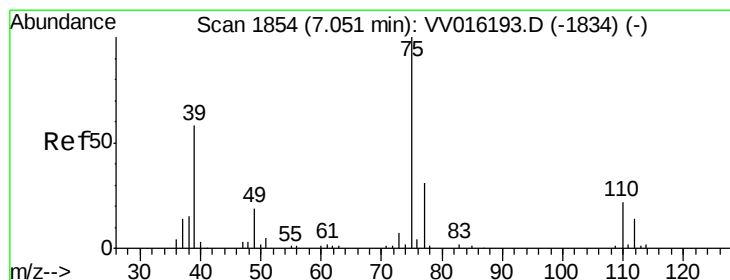
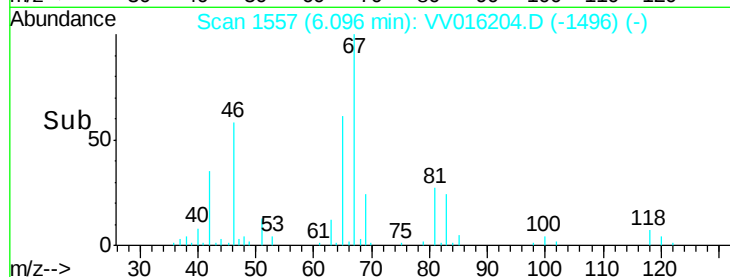
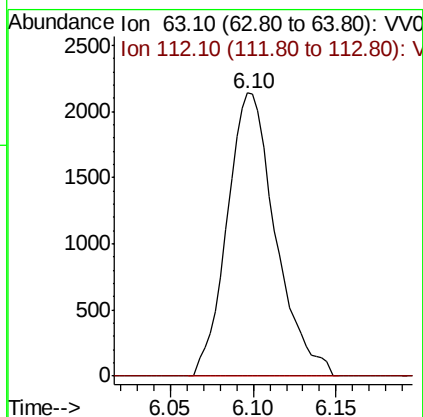
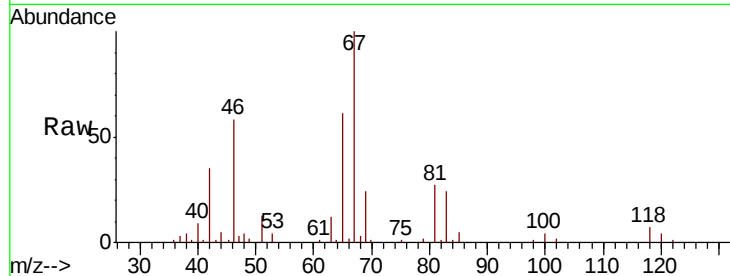




#37
 1,2-Dichloropropane
 Concen: 0.643 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016204.D
 Acq: 26 May 2020 20:46

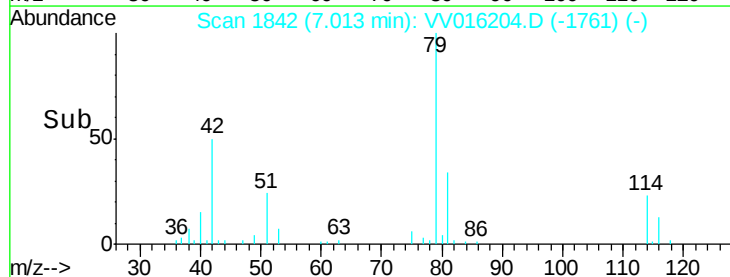
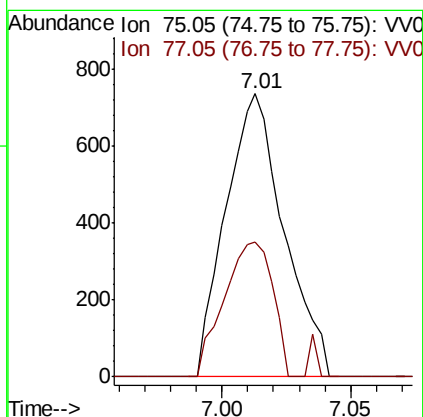
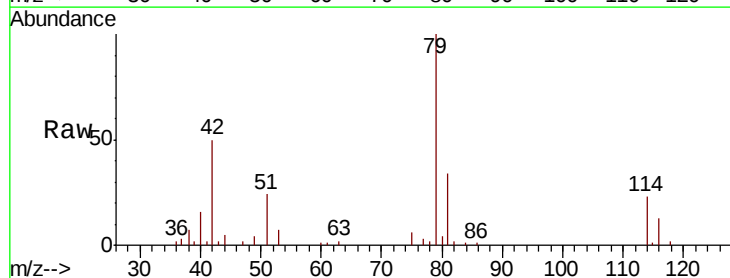
Instrument :
 MSVOA_V
 ClientSampleId :

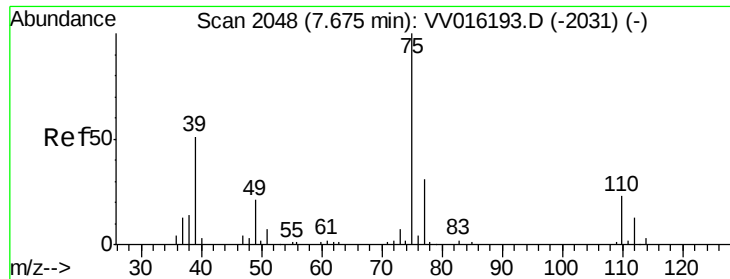
Tot Ion: 63 Resp: 4339
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016204.D
 Acq: 26 May 2020 20:46

Tgt Ion: 75 Resp: 1159
 Ion Ratio Lower Upper
 75 100
 77 47.6 21.7 40.3#

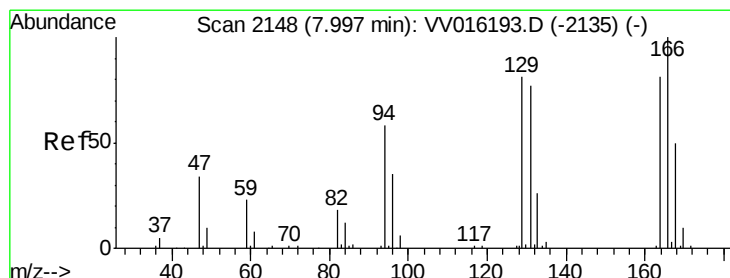
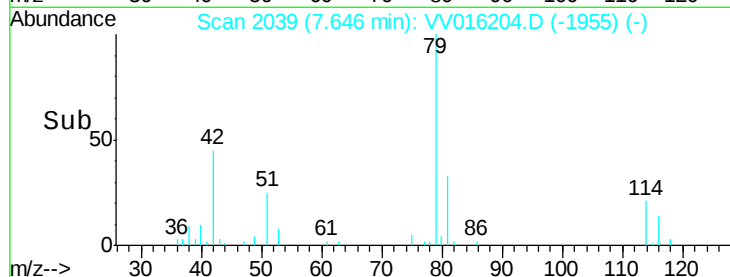
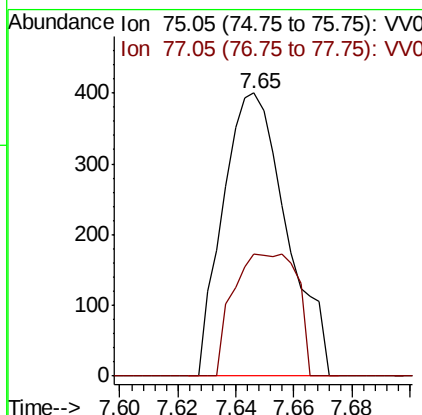
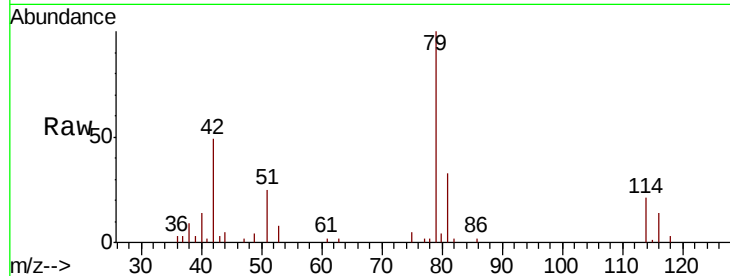




#46
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016204.D
Acq: 26 May 2020 20:46

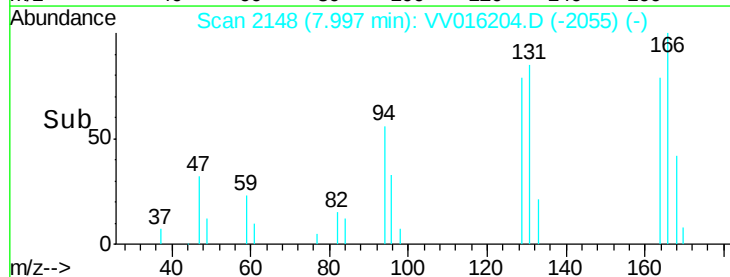
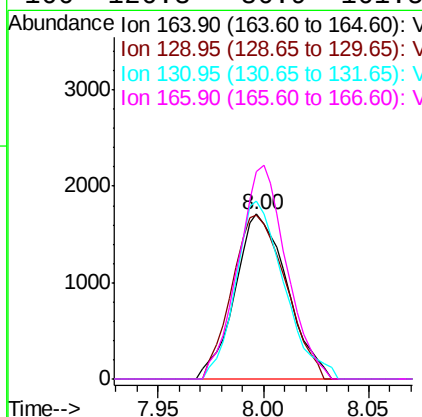
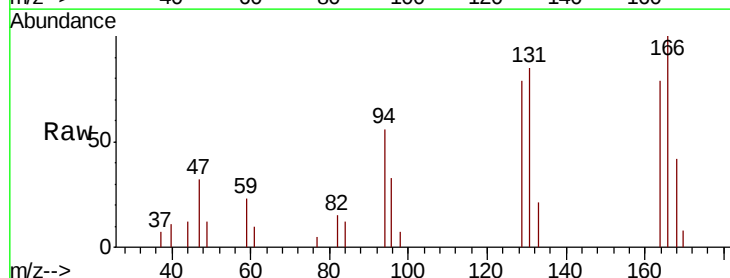
Instrument :
MSVOA_V
ClientSampled :

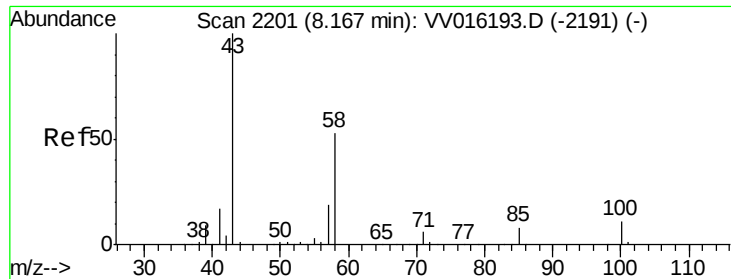
Tot Ion: 75 Resp: 609
Ion Ratio Lower Upper
75 100
77 43.3 21.7 40.3#



#49
Tetrachloroethene
Concen: 0.571 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV016204.D
Acq: 26 May 2020 20:46

Tgt Ion:164 Resp: 2941
Ion Ratio Lower Upper
164 100
129 99.5 70.7 131.3
131 107.7 66.6 123.8
166 126.3 86.9 161.5

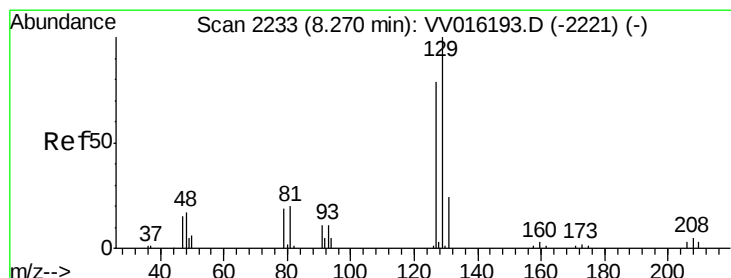
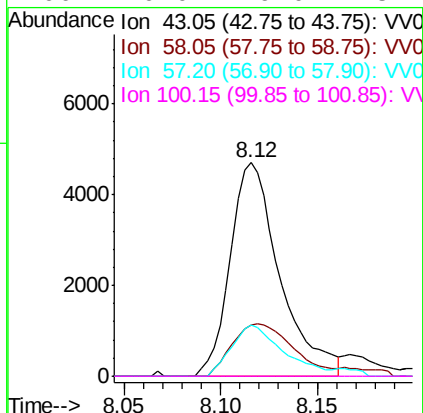
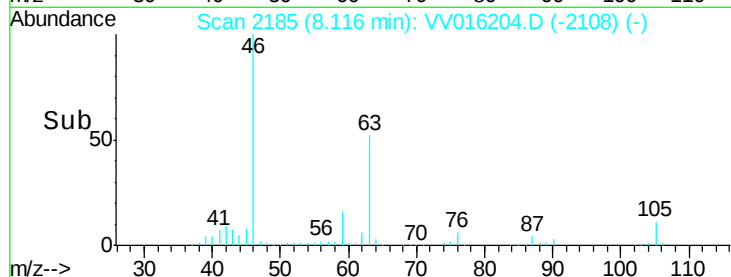
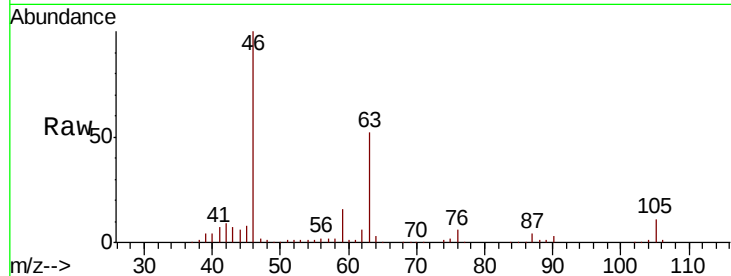




#50
2-Hexanone
Concen: 2.870 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016204.D
Acq: 26 May 2020 20:46

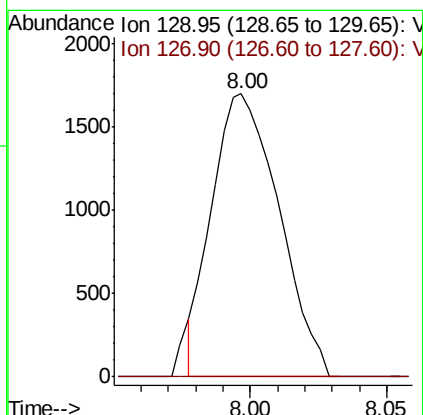
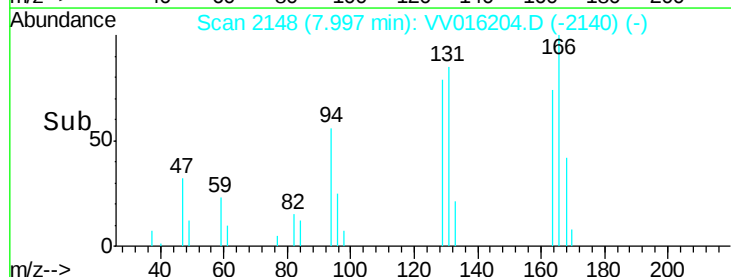
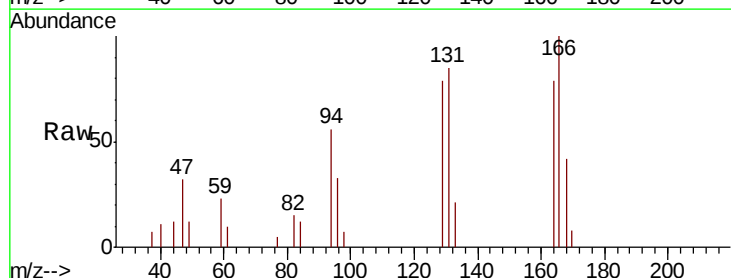
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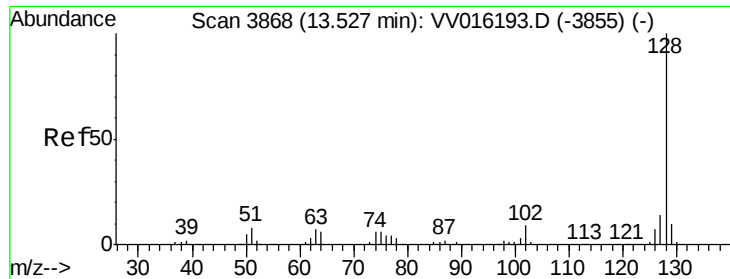
Tot Ion:	43	Resp:	8407
Ion	Ratio	Lower	Upper
43	100		
58	33.0	41.4	62.0#
57	25.1	15.0	22.4#
100	0.0	9.0	13.4#



#51
Dibromochloromethane
Concen: 0.619 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016204.D
Acq: 26 May 2020 20:46

Tgt Ion:	129	Resp:	2909
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.4#





#70

Naphthalene

Concen: 1.348 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV016204.D

Acq: 26 May 2020 20:46

Instrument :

MSVOA_V

ClientSampleId :

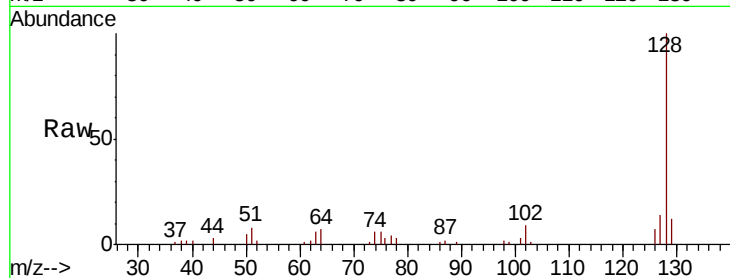
Tot Ion:128 Resp: 24488

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.4 10.6 15.8



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

