

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016894.D
 Acq On : 12 Jun 2020 21:21
 Operator : SY/MD
 Sample : L2914-06 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E01

Quant Time: Jun 13 03:11:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 03:02:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	360350	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182751	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99749	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.46%
7) Chloroethane-d5	1.55	69	56124	36.79	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.58%
11) 1,1-Dichloroethene-d2	2.11	63	129314	30.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.58%
21) 2-Butanone-d5	3.90	46	165067	87.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.71%
24) Chloroform-d	4.37	84	216365	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
26) 1,2-Dichloroethane-d4	5.05	65	158990	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
32) Benzene-d6	5.07	84	418046	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
36) 1,2-Dichloropropane-d6	6.09	67	129035	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.50%
41) Toluene-d8	7.33	98	382009	42.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.98%
43) trans-1,3-Dichloropropene-	7.64	79	65662	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.56%
47) 2-Hexanone-d5	8.11	63	102146	76.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175114	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	176607	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%

Target Compounds

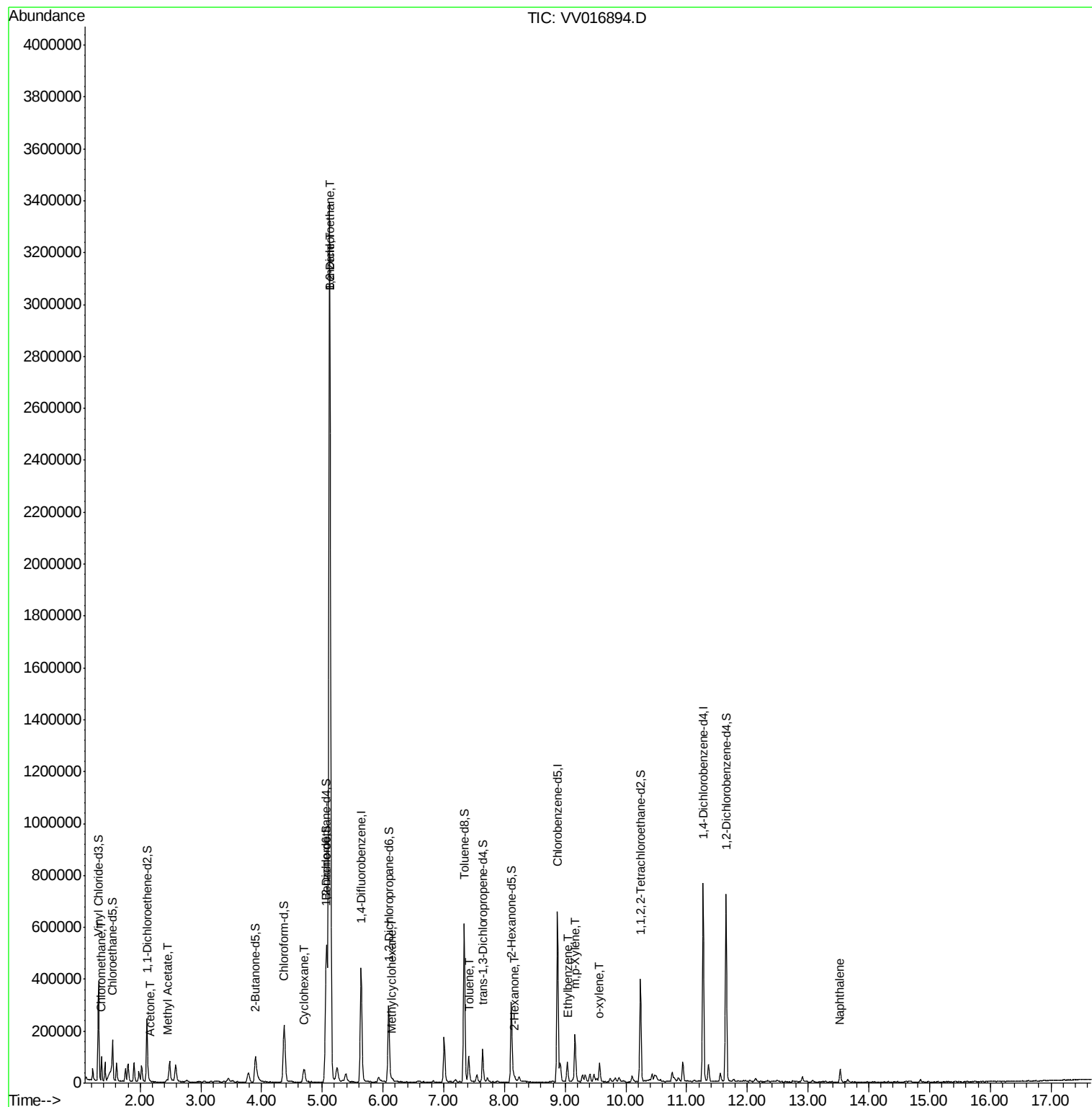
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.36	50	3704	1.418	ug/L	91
13) Acetone	2.17	43	1301	1.049	ug/L	77
15) Methyl Acetate	2.44	43	2701	0.977	ug/L #	61
27) 1,2-Dichloroethane	5.12	62	37154	9.395	ug/L #	74
29) Cyclohexane	4.70	56	27212	6.443	ug/L #	92
33) Benzene	5.12	78	3222757	320.482	ug/L	100
35) Methylcyclohexane	6.15	83	4646	1.098	ug/L #	83
42) Toluene	7.41	91	68454	6.457	ug/L	96
48) 2-Hexanone	8.17	43	8798	3.062	ug/L #	70
52) Ethylbenzene	9.04	91	50700	4.318	ug/L	93
53) m,p-Xylene	9.16	106	46811	10.707	ug/L	97
54) o-xylene	9.57	106	18489	4.288	ug/L	93
69) Naphthalene	13.53	128	36589	3.213	ug/L	97

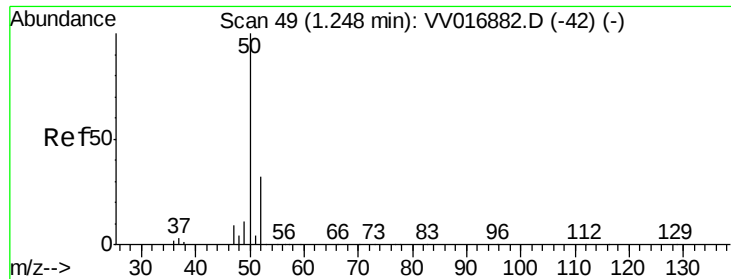
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016894.D
Acq On : 12 Jun 2020 21:21
Operator : SY/MD
Sample : L2914-06 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E01

Quant Time: Jun 13 03:11:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 03:02:20 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.418 ug/L

RT: 1.36 min Scan# 85

Delta R.T. 0.12 min

Lab File: VV016894.D

Acq: 12 Jun 2020 21:21

Instrument :

MSVOA_V

ClientSampleId :

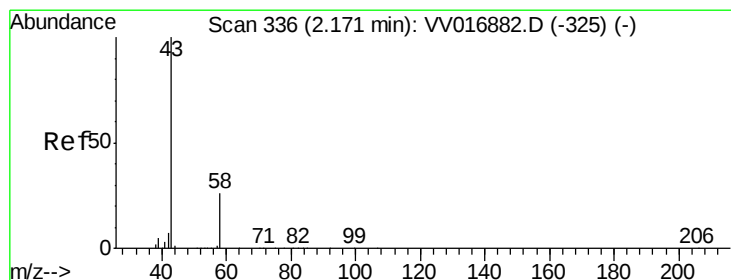
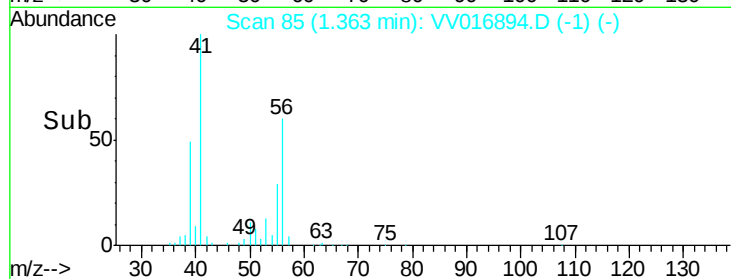
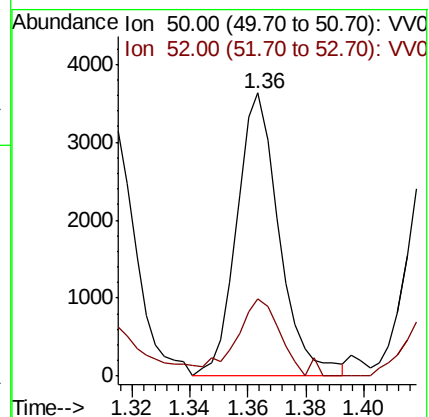
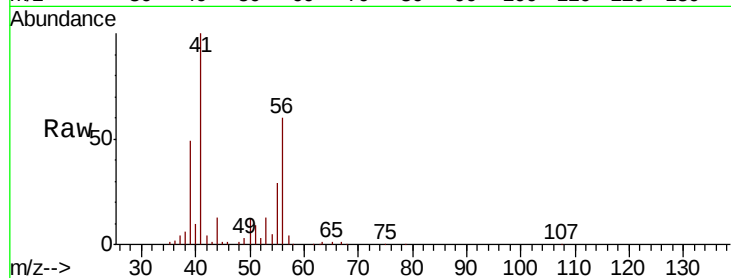
F9E01

Tot Ion: 50 Resp: 3704

Ion Ratio Lower Upper

50 100

52 27.1 22.5 41.7



#13

Acetone

Concen: 1.049 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016894.D

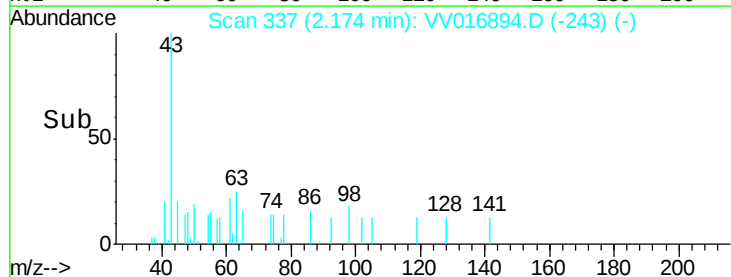
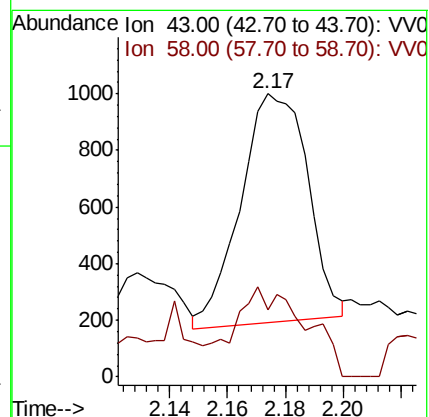
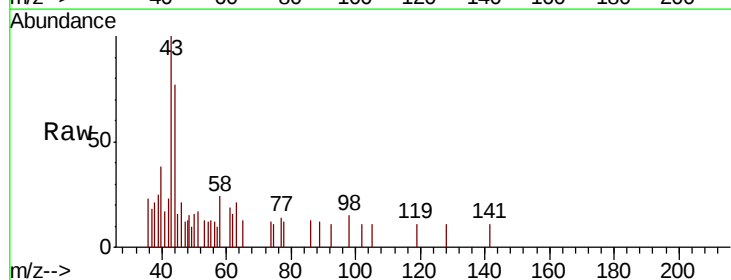
Acq: 12 Jun 2020 21:21

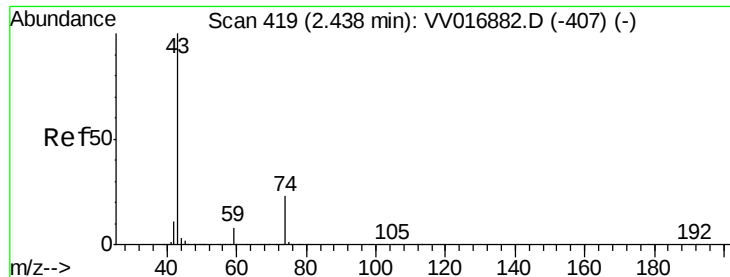
Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

58 15.5 0.0 55.2





#15

Methvl Acetate

Concen: 0.977 ug/L

RT: 2.44 min Scan# 420

Delta R.T. 0.00 min

Lab File: VV016894.D

Acq: 12 Jun 2020 21:21

Instrument :

MSVOA_V

ClientSampleId :

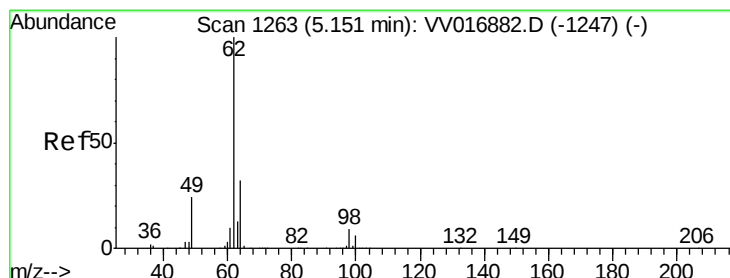
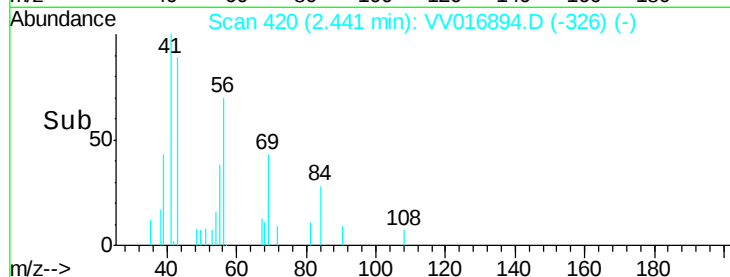
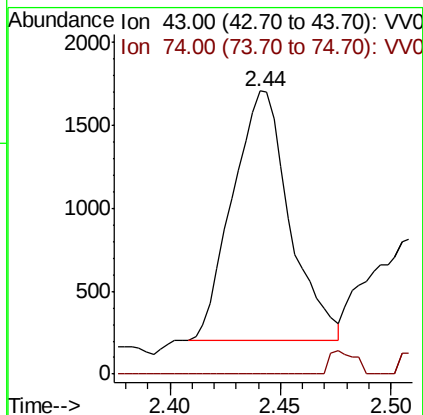
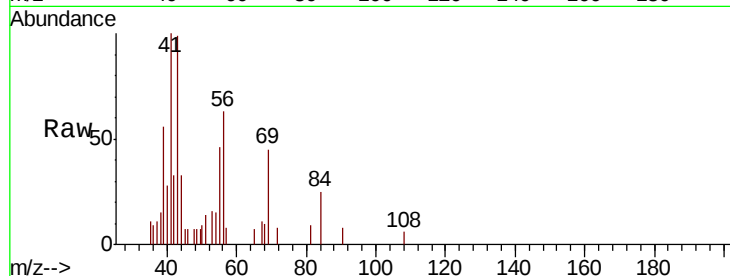
F9E01

Tot Ion: 43 Resp: 2701

Ion Ratio Lower Upper

43 100

74 3.5 17.9 26.9#



#27

1,2-Dichloroethane

Concen: 9.395 ug/L

RT: 5.12 min Scan# 1253

Delta R.T. -0.03 min

Lab File: VV016894.D

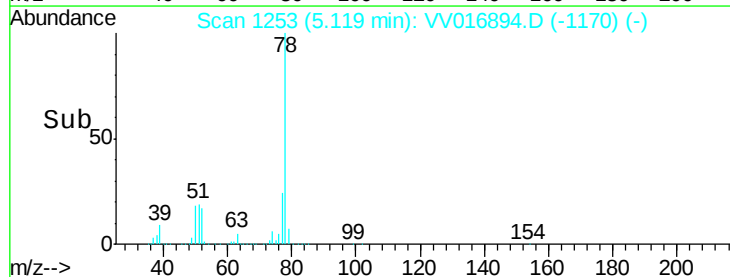
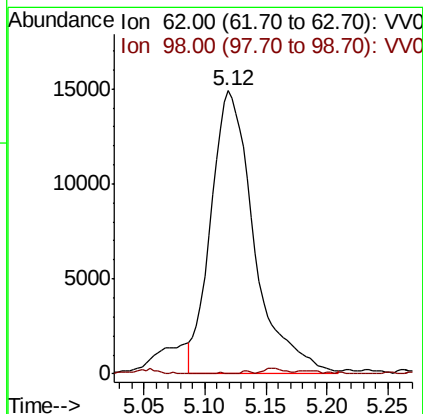
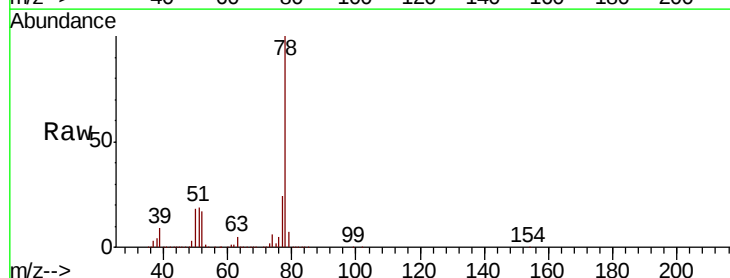
Acq: 12 Jun 2020 21:21

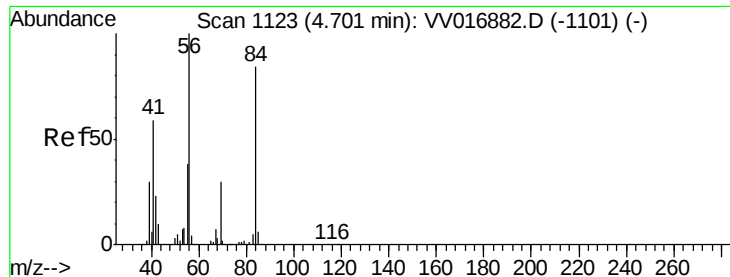
Tgt Ion: 62 Resp: 37154

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#





#29

Cyclohexane

Concen: 6.443 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VV016894.D

Acq: 12 Jun 2020 21:21

Instrument :

MSVOA_V

ClientSampleId :

F9E01

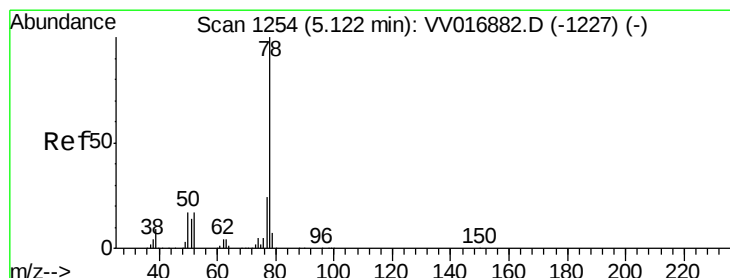
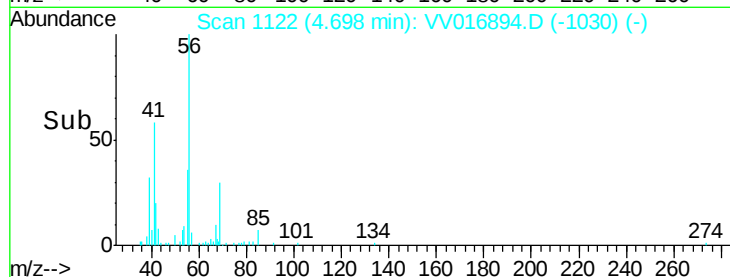
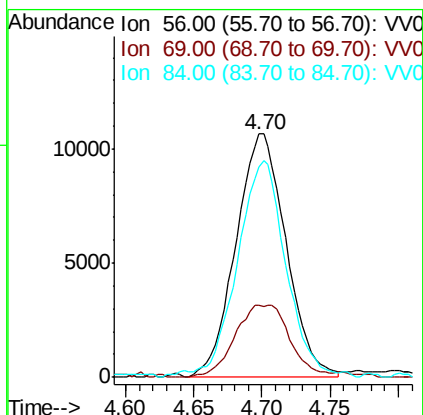
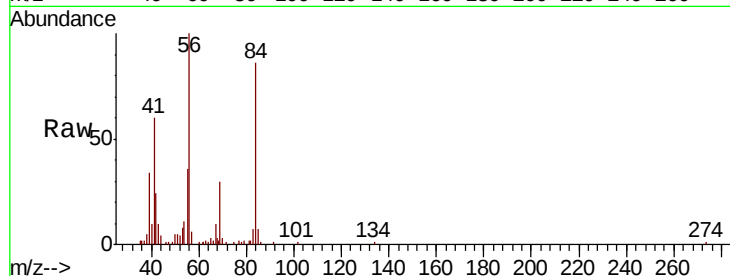
Tot Ion: 56 Resp: 27212

Ion Ratio Lower Upper

56 100

69 17.7 25.0 37.4#

84 85.5 69.5 104.3



#33

Benzene

Concen: 320.482 ug/L

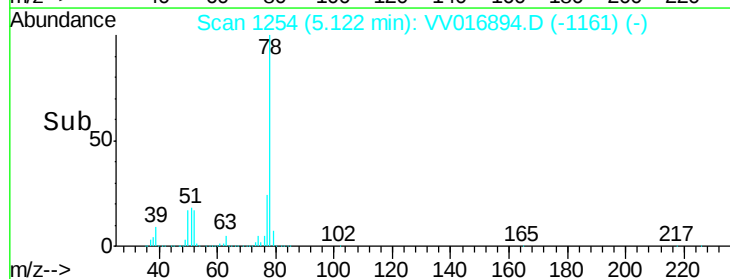
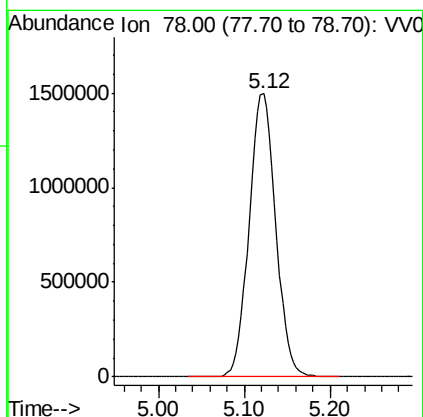
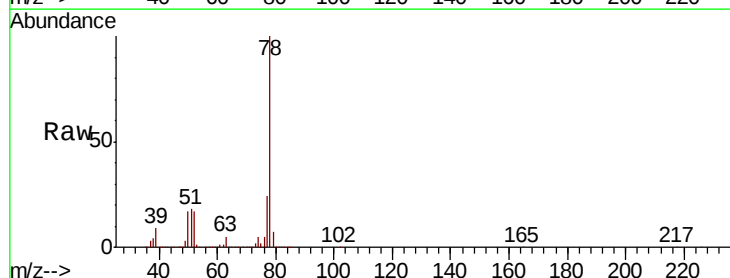
RT: 5.12 min Scan# 1254

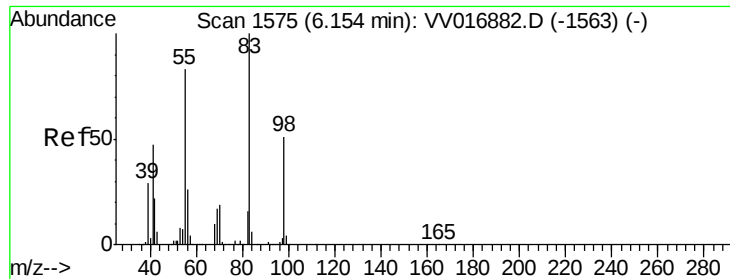
Delta R.T. -0.00 min

Lab File: VV016894.D

Acq: 12 Jun 2020 21:21

Tgt Ion: 78 Resp: 3222757

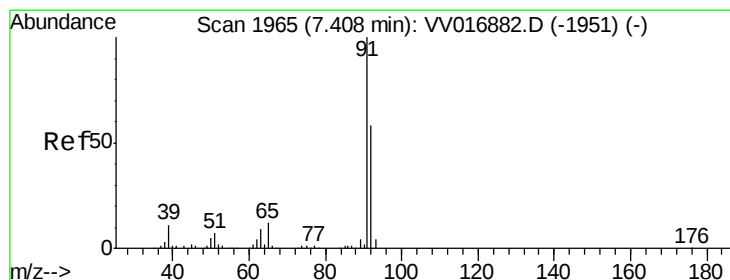
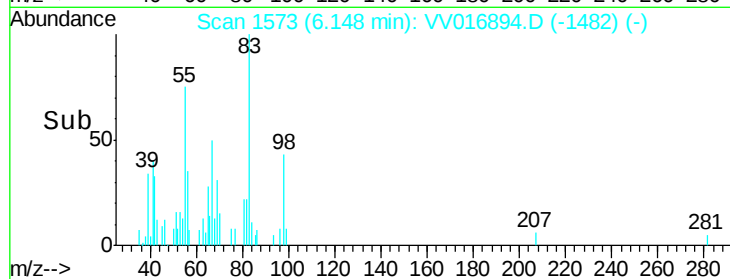
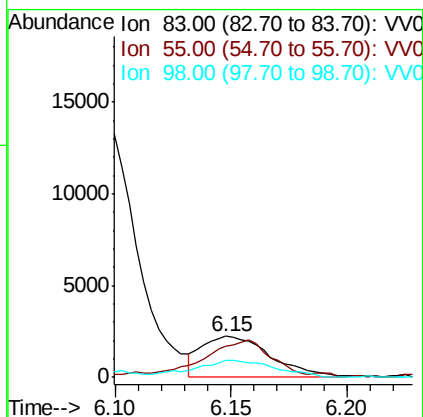
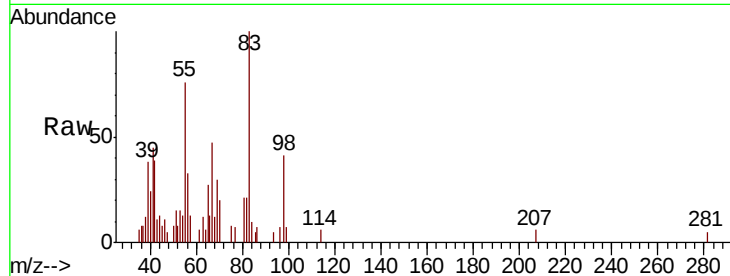




#35
Methvlcvclohexane
Concen: 1.098 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VV016894.D
Acq: 12 Jun 2020 21:21

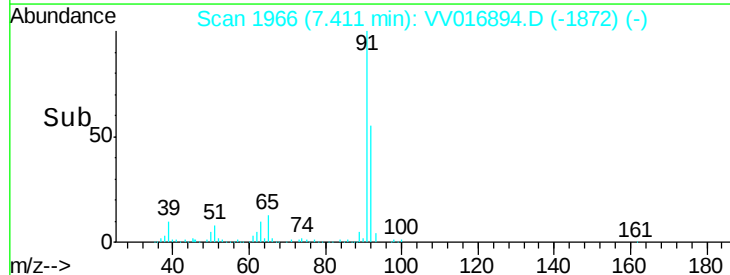
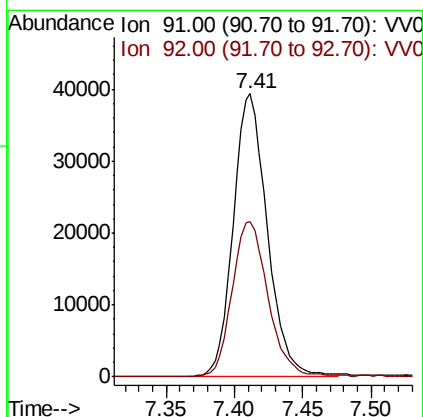
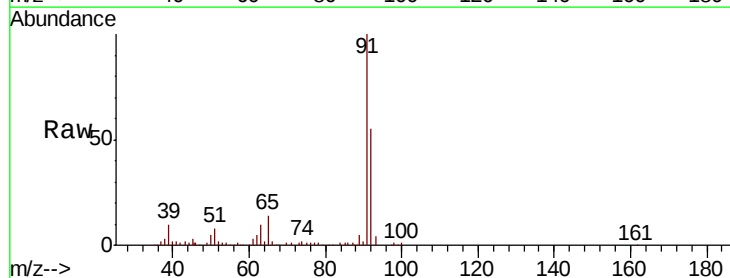
Instrument :
MSVOA_V
ClientSampleId :
F9E01

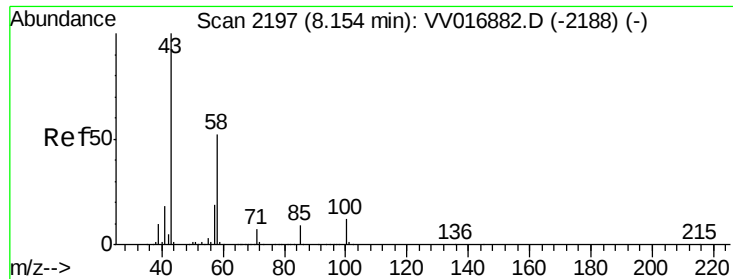
Tot Ion: 83.00 Resp: 4646
Ion Ratio Lower Upper
83 100
55 83.2 64.2 96.2
98 24.4 40.3 60.5#



#42
Toluene
Concen: 6.457 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016894.D
Acq: 12 Jun 2020 21:21

Tgt Ion: 91 Resp: 68454
Ion Ratio Lower Upper
91 100
92 54.9 40.4 75.0

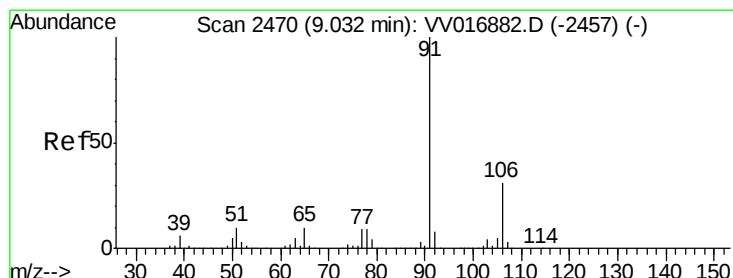
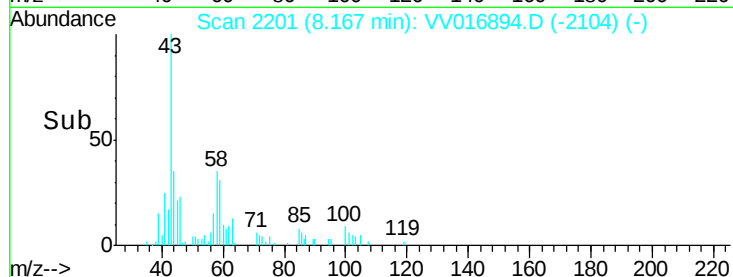
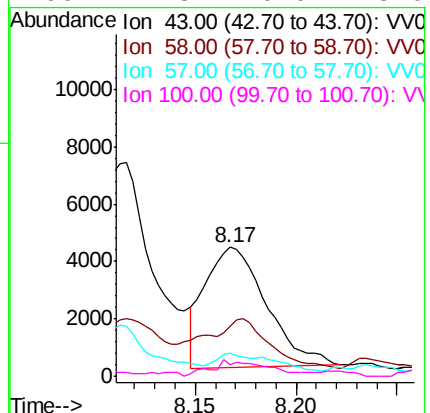
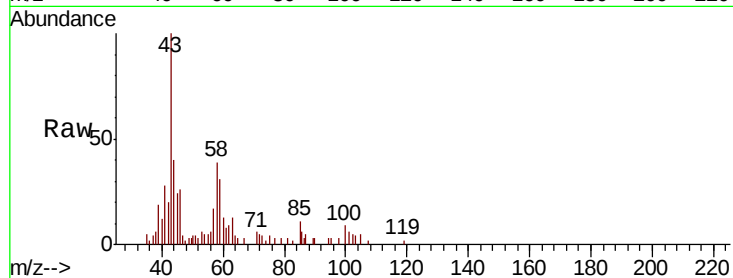




#48
2-Hexanone
Concen: 3.062 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016894.D
Acq: 12 Jun 2020 21:21

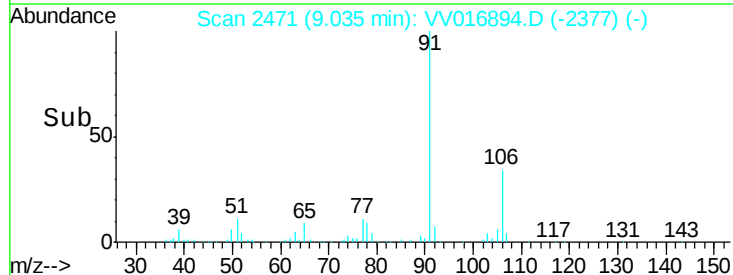
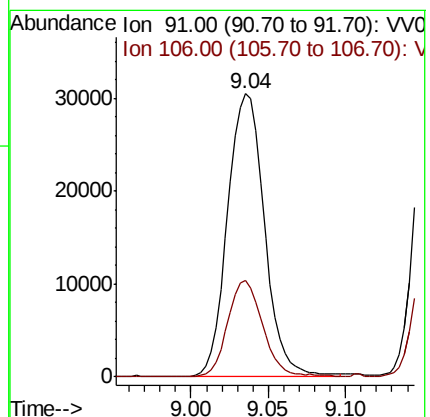
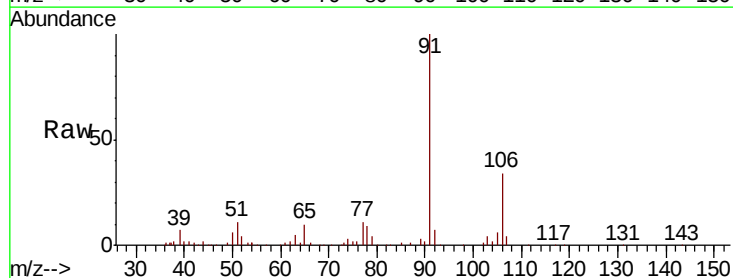
Instrument :
MSVOA_V
ClientSampled :
F9E01

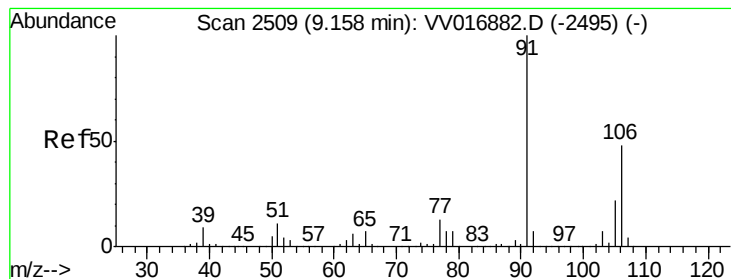
Tot Ion: 43 Resp: 8798
Ion Ratio Lower Upper
43 100
58 30.3 43.1 64.7#
57 4.3 15.3 22.9#
100 7.3 10.0 15.0#



#52
Ethylbenzene
Concen: 4.318 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV016894.D
Acq: 12 Jun 2020 21:21

Tgt Ion: 91 Resp: 50700
Ion Ratio Lower Upper
91 100
106 34.1 21.1 39.1





#53

m,p-Xylene

Concen: 10.707 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016894.D

Acq: 12 Jun 2020 21:21

Instrument :

MSVOA_V

ClientSampled :

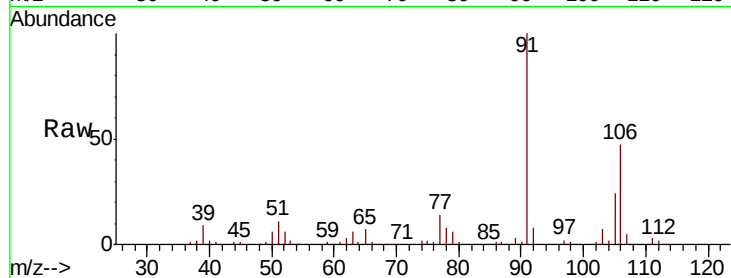
F9E01

Tot Ion:106 Resp: 46811

Ion Ratio Lower Upper

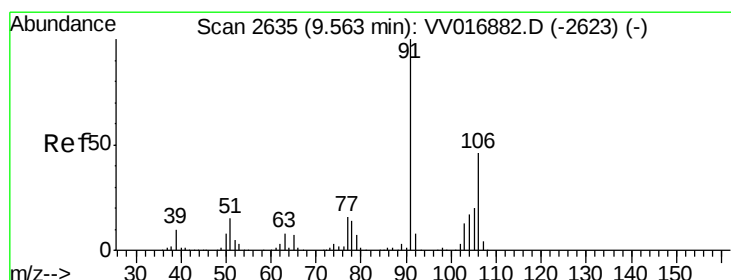
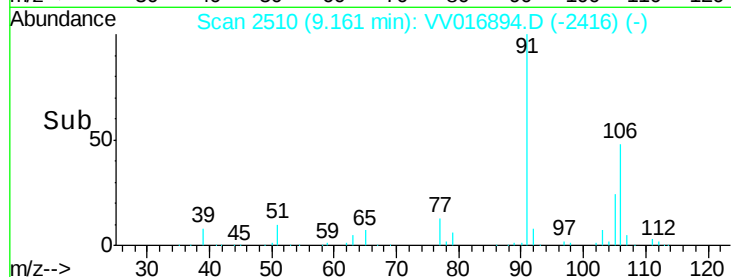
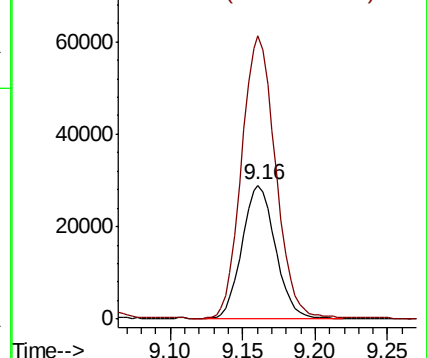
106 100

91 211.0 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 4.288 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016894.D

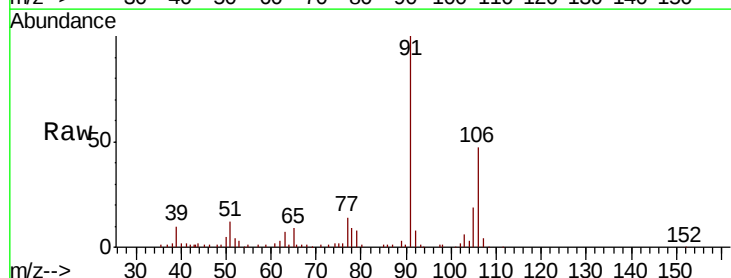
Acq: 12 Jun 2020 21:21

Tgt Ion:106 Resp: 18489

Ion Ratio Lower Upper

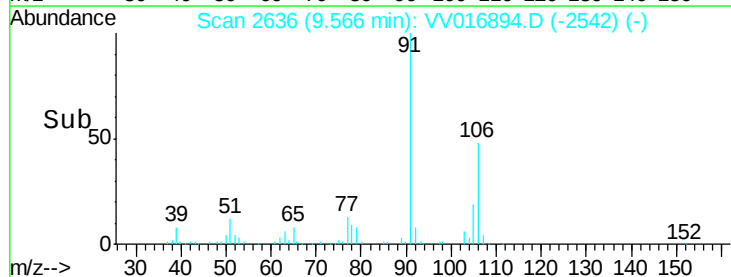
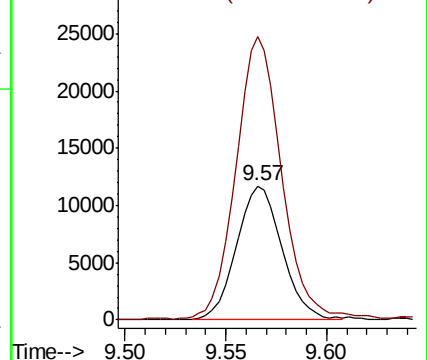
106 100

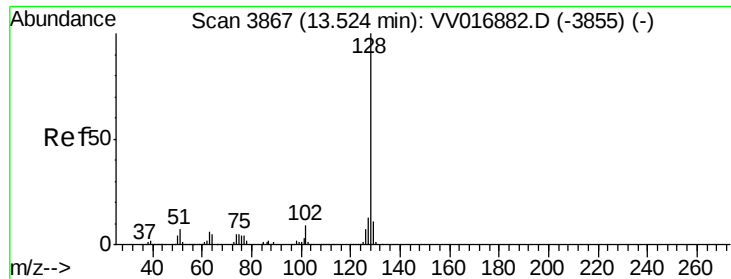
91 211.6 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#69

Naphthalene

Concen: 3.213 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016894.D

Acq: 12 Jun 2020 21:21

Instrument :

MSVOA_V

ClientSampleId :

F9E01

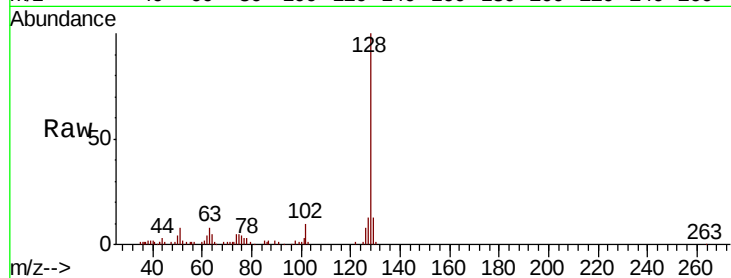
Tot Ion:128 Resp: 36589

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 12.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

